TECHNICAL MANUAL

ARMY FACILITIES COMPONENTS SYSTEM-PLANNING (DESERT)

HEADQUARTERS, DEPARTMENT OF THE ARMY

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***This manual supersedes TM 5301-4. 1 March 1982**

CHAPTER 1
INTRODUCTION

1-1. Purpose

The purpose of this manual is to provide material costs, logistical, and engineering data for use in planning construction support for Army functions in the Theater of Operations (TO). The manual is part of the Army Facilities Components System (AFCS), and it is intended for use by:

a. Contingency, base development, construction, and logistical planners. When data are used in base development planning, the user is advised to refer to FM 31-82, Base Development Planning.

b. Construction units, because it contains the engineering data required for construction of the various structures, facilities, installations, and utilities required by the Army and Air Force to support military missions in the TO.

c. Logistical commands and supply agencies in requisitioning, identifying items, costing, and other related supply functions.

1-2. Scope

This manual contains summary listings of installations (generally referred to as planning tables), facilities and Prepackaged Expendable Contingency Supplies (PECS). The manual is divided into four volumes, one for each of the climatic zones in the AFCS. The summaries include cost, shipping weight, and volume of construction material. In addition, man-hour estimates to construct each facility and installation, minimum real estate requirements for installations, and the utility requirements for facilities and installations are included in this manual.

1-3. Related Publications

The AFCS consists of a series of four Department of the Army Technical Manuals. This manual (series is published in four volumes, one for each climatic zone), plus three accompanying publications indicated as follows:

a. TM 5-302, "Army Facilities Components System-Designs." This multi-volume manual contains installation layouts, facility drawings, construction details and materials lists for the AFCS. The manual is of primary interest to the construction unit performing actual construction of Army components in theaters of operations.

b. TM 5-303, "Army Facilities Components System-Logistic Data and Bills of Materials." This manual is used by planners, builders and suppliers in the identification of items in the bills of materials associated with specific facilities. Each item in a facility is identified by a National Stock Number (NSN), abbreviated description, unit of issue, and quantity. The material cost, shipping weight, volume ap: d estimated construction effort in man-hours are shown in the facility description.

c. TM 5304, "Army Facilities Components System User Guide." This manual provides users with a single source of reference and information concerning the operation of the system, available system products, and example problems demonstrating the use of the system.

1-4. Training

Information contained in the AFCS provides commanders at all levels with sufficient information to plan facilities construction training exercises. Cost and quantity of materials, NSNs, man-hours, and construction drawings are provided in such a manner as to permit unit commanders the flexibility of selecting facilities which, if constructed, would exercise individual military occupational specialties, unit construction planning, organization, and management. Construction times reflected in TM 5-301-1 through TM 5-3014 and TM 5-303 are optimal times to accomplish tasks and will serve as an initial planning guide. TM 5-304 provides tables of engineer unit capabilities. A unit that can accomplish tasks within the man-hours shown the TMs should consider itself proficient in its skills, planning, organization and management. Materials required to construct facilities contained in the AFCS are not normally available as training sets and must be procured under appropriate regulations. If the facility is constructed as an authorized construction project, it is subjected to appropriate regulation governing troop construction.

1-5. Comments and Information Sources

The data for this manual are maintained by the Office of the Chief of Engineers and are available in printouts, magnetic tape or microfiche. Cost data are updated quarterly and can be obtained from Huntsville Division, US Army Corps

of Engineers. All correspondence and requests for technical assistance, drawings and information regarding the AFCS system should be forwarded to either:

US Army Corps of Engineers
Huntsville Division
ATTN: HNDED-FD
PO Box 1600
Huntsville, AL 35807-4301
or
HQDA (DAEN-ZCM)
WASH DC 20310-2600

Users of the AFCS are encouraged to submit comments, corrections and recommendations for improvement or revision directly to HQDA (DAEN-ZCM). Comments should refer to the specific facility or installation. The reason for each comment or recommendation should be given to ensure proper understanding and evaluation.

1-6. Responsibilities

The Chief of Engineers is responsible for the continuous review and updating of this publication to include coordination with DA staff agencies, oversee commands and other users that are affected by construction for contingency operations. Responsibilities of the Chief of Engineers and other agencies or commands are more specifically states in AR 41516.

CHAPTER 2
EXPLANATION OF THE TERMINOLOGY AND AFCS DATA

2-1. Army Facilities Components System (AFCS)

The AFCS is a tool used to assist military planners, supply agencies, and construction personnel at all levels that have a role in Army construction in theaters of operations. The AFCS uses a building block concept to permit maximum flexibility. The building blocks are items, subfacilities, facilities and installations.

2-2. Building Blocks

TM 5-304 provides a complete discussion of the building block concept and explains other terminology in the AFCS system. The building blocks are discussed briefly below:

a. Item. An item is any construction material or equipment that makes up a larger product. Each item has an associated National Stock Number, description, unit of issue, and quantity. The quantities used include an allowance for material wastage and loss.

b. Facility and Subfacility. A facility is a group of items designed to provide a service. Users should therefore carefully read the facility descriptions to ensure that all components necessary to build the desired structure are ordered. A subfacility differs from a facility only in its use in TM 5-303. The purpose of a subfacility is to reduce the repetitive listing of a facility's construction materials. Users should also be aware that components of some facilities (roads, hardstands and bridges) are separated into two subfacility groupings to widen the selections in meeting actual field conditions.

c. Installation. An installation is a group of facilities designed to provide a specific service or support to some military function in a TO.

d. Component. "Component" is a generic term sometimes used to refer to any facility or installation contained in the AFCS.

2-3. Planning Table

"Planning Table" is a term that is used to refer to the printed installations as explained in Chapter 3.

2-4. Design Criteria

a. Design criteria are shown on the construction drawings in TM 5-302 when considered beneficial in adapting AFCS designs to actual site conditions. Also, Chapter 2 of TM 5-302 provides additional design and construction considerations.

b. The facilities in the system are designed to operate in one or more of four climatic zones. The four climatic zones are:

(1) *Temperate Zone*. The geographical areas in which mean annual temperatures are between + 30°F and +70°F as identified by isothermal lines.

(2) *Frigid Zone*. The geographical areas in which mean annual temperatures are lower than + 30°F as identified by isothermal lines.

(3) *Tropical Zone*. The geographical areas in which mean annual temperatures are higher than + 70°F as identified by isothermal lines.

(4) *Desert Zone.* The geographical areas which are arid and without vegetation.

2-5. Construction Standards

Standards of construction are identified for the purpose of managing construction resources. The availability of resources, the operational plans and the using unit's mission will dictate the standards of construction to be used in theaters of operation. JCS Publication No. 3 sets forth the standards of construction that are applicable in a theater of operation. The standards are based primarily on the duration of the contingency and previously were defined as follows: initial (INT)-0 zero 6 months, intermediate (ITR)-6 to 24 months, and temporary (TPR)-24 to 60 months. Current JCS Publication No. 3 doctrine refines the construction standards as initial (0-6 months) and temporary (6-24 months). The 24-60 months standards has been deleted. Installations and some facilities listed in the AFCS are identified by a corresponding construction standard. In most cases, facilities contained in the AFCS fall into the intermediate and temporary standards. The nature of materials used in construction of the AFCS facilities and the structural aspects of the designs are such that the life of facilities will normally exceed 2 years when appropriate maintenance is performed.

2-6. Building Structures

The AFCS views building structures as being composed of three basic types: disposable

(woodframe, block, concrete or any other construction material that is formed on the site, and which has little or no salvage value); preengineered relocatable (panelized buildings, tents or any other structure that has an 85 percent recover-ability); and mobile (containerized buildings or any other structure that can be moved and erected frequently with little construction effort required, i.e., the MUST Hospital). The AFCS allows for the range of these basic types to permit commanders the option of selecting the facility that best suits available construction effort, mission requirements, and availability of materials. Few mobile facilities other than tents are presently contained in AFCS; however, priority for future designs has been given to the initial mobile-type facilities where feasible.

2-7. Construction Effort

The construction effort in man-hours required for engineer troop units to erect or construct each facility and installation has been estimated and is shown in this manual. The construction estimates are based on the use of standard construction practices and procedures. The estimates include neither effort of administration, mobilization, and planning, nor effort lost because of weather delays. Estimates of actual working time required for the task was obtained by assuming the use of skilled personnel in the temperate zone. Estimates for other climatic zones were obtained by applying the following adjustment factors:

Tropical	1.45
Desert	1.25
Frigid	2.41

Additional information on labor categories, operational conditions and engineer unit capabilities is provided in TM 5-304.

CHAPTER 3
EXPLANATION OF PLANNING TABLES (INSTALLATIONS)

3-1. Arrangement of Planning Tables

"Planning table" is the term used for data published in this manual as AFCS installations. The paragraphs that follow explain the parts of a planning table.

3-2. Installation Number

Installations are shown in ascending order according to the installation number in the upper right-hand corner, which consists of two alpha and four numeric characters. The number is used to identify the complete bill of materials required to construct that installation. This number also identifies the corresponding construction drawing in TM 5-302.

3-3. Installation Description

The installation description appears in the upper left-hand corner, and includes the title, climatic zone, standard and type of construction, purpose, minimum real estate requirements, and utility and aggregate requirements. The following items are contained in the planning tables:

a. Aggregate Requirements. Aggregate cannot be requisitioned from the bills of materials. It is assumed to be available within 5 miles of the construction site.

b. Utility and Road Requirements. Installation requirements include roads, fences, water treatment, sewage treatment, and electrical generation. Facilities providing these requirements are generally not automatically included in the installation. Several installations may be grouped into a complex, with the additional supporting requirements computed for the total complex. The user should carefully review the supporting facilities included in the installation planning table, use the TM 5-302 drawing and TM 5-303 bill of materials for additional information, and augment the listing of the additional required facilities. Also, appropriate adjustments should be made to the utility sizes and quantities where site plans are changed to accommodate actual field conditions, topography changes, and dispersal requirements.

c. Facility Number. Shows the five numeric and two alphs characters that identify each AFCS facility.

d. Facility Description. Provides a short description of the facilities included in the installation.

e. Size or Unit. Gives dimensions, capacity or unit of measure for each facility in the installation.

f. Basis. Gives the criteria or standard planning basis upon which facilities are included in the installation.

g. Quantity Required. Indicates the actual quantity of a particular facility included in the installation.

h. Material. Displays the total material logistic and cost data associated with the number of facilities in the "Quantity Required" column. The column with the heading "WT-ST" gives the weight of the material to include packaging materials in short tons (2,000 pounds). The column with the heading "VOL = MT" gives the shipping volume to include packaging materials in measurement tons (40 cubic feet). The cost of the material is shown to the nearest dollar in the COST column. The material costs are current as of the listed date. Appropriate inflation factors should be added if data shown is more than 6 months old and a more precise costs is required. CONUS material costs are the only costs shown in AFCS.

i. Constructive Man-hours. Displays the estimated horizontal, vertical, and general construction man-hours for construction by engineer troop units.

j. Installation Totals. The material logistic and cost data and construction effort totals are shown at the end of each table. It should be noted that the costs listed are CONUS material costs only and are current only at the time of publication and thus may be somewhat outdated.

CHAPTER 4
EXPLANATION OF FACILITY PLANNING TABLES

4-1. Arrangement of Facility Planning Tables

The facilities in the AFCS are identified with regard to their application in a theater of operations. The paragraphs that follow explain the parts of the facility planning table. A complete listing of facilities in numerical sequence is contained in Chapter 10.

4-2. Facility Number

The "Facility Number" column shows the five numeric and two alpha characters that identify each facility. The numbering system uses the number for the corresponding construction drawing in TM 5-302. It should be noted, however, that there is not a drawing for every facility.

4-3. Facility Description

The "Description" column contains a full description of each facility. TM 5-303 provides a detailed bill of materials for each facility, and TM 5-302 provides construction drawings and drawings for utilities (electric, sewage, and water).

4-4. Materials Logistic and Cost Data

The "Construction Material" columns display logistic and cost data associated with each facility. The weight in short tons (2000 lb) includes packing material. The shipping volume is given in measurement tons (40 cu ft). Costs are current as of the date of issue and reflect CONUS material costs only.

4-5. Construction Man-hours

The "Construction Effort in Man-hours" columns give the estimated engineer troop unit effort for horizontal, vertical, and general skills. The total column represents the sum of these items.

CHAPTER 5
PREPACKAGED EXPENDABLE CONTINGENCY SUPPLIES (PECS) AND CONTAINERIZATION

5-1. Purpose

To assist engineer units in the planning and implementation of contingency plans, a series of cargo containers loaded with stylized engineer supplies was developed to meet normal mission requirements for limited periods or for minor repairs for extended periods or for minor repairs for extended periods when supplies are replaced based on demand experience. Also included as facilities are special bomb damage and repair kits. A matrix of bomb damage and repair facilities will be added to TM 5-304.

5-2. Description and Use

Each container is reflected as a separate facility within the AFCS, which allows its requisition as an independent supply kit and permits the requester to obtain as many kits as needed to meet the assigned requirements. The unit commander can also procure a set of kits/facilities which are reflected as installations in the AFCS and are designed to provide a minimum of expendable materials to accomplish the specific engineer tasks. Again, the commander has the option of requesting the number of installations required. An item consumed from the container can be requisitioned and replaced as separate items since each carries its own NSN. When requisitioning a facility or installation, commanders/requesters should check the size of the shipping/storage container ordered to ensure that proper transportation is available upon delivery of the kits. There are two types of military, containers: the TRICON (8 x 8 x 62/3 feet) and the MILVAN (8 x 8 x 20 feet). The TRICON has a maximum payload of 13,000 pounds, a tare weight of 1,880 pounds, and approximate interior dimensions of 90 x 85 x 73.5 inches. The MILVAN has a maximum payload of 40,000 pounds, a tare weight of 4,700 pounds and approximate interior dimensions of 92 x 87 x 231 inches. The containers are equipped with standard fittings allowing movement by a variety of material handling equipment. In groups of three, the TRICONs form an 8 x 8 x 20 container compatible with the commercial container system. Common commercial containers vary in size up to 8 x 9 x 40 feet with a maximum payload of 60,900 pounds, and a tare weight of 6,300 pounds. The weight of each facility (without container) can be found in TM 5-303.

CHAPTER 6
SUPPLY PROCEDURES

6-1. General

The US Army Materiel Command (AMC), is responsible for developing supply procedures, policies and command guidance necessary to fund, procure, store and ship materiel listed in the Army Facilities Components System. AMC responsibility is set forth in AR 415-16. The focal points within AMC for the Army Facilities Components System and their responsibilities are briefly explained in paragraphs 6-2 and 6-3 below.

6-2. The Directorate of Materiel Management

The Directorate of Materiel Management, Associate Director for Evaluation, Headquarters, US Army Materiel Command (ATTN: AMCMM-E), Alexandria, VA 22304, is responsible for coordinating AMC activities and interests pertaining to the AFCS. This coordination embraces material development, procurement policies, employment support and other related matters. The Associate Director for Evaluation ensures that AMC can support the demands for construction materiel at the onset of an emergency and thereafter as required.

6-3. US Army Troop Support Command (TROSCOM)

The Command, TROSCOM, (ATTN: AMSTRSPRA), 4300 Goodfellow Boulevard, St. Louis, MO, 63120 is the central point within the Continental United States (CONUS) for the inclusion of items in the Federal Supply System and the acquisition and supply of items in the AFCS.

6-4. Requisition and Supply Procedures

Requisition and supply procedures, methods, process and interrelationships are contained in chapter 5 of TM 5-304, AFCS User Guide. Every effort should be made to acquire facility construction materials from a source as close to the construction site as possible before requisitioning through the supply system.

CHAPTER 7
CAMOUFLAGE

7-1. Treatment of Camouflage in the AFCS

The AFCS does not include a separate camouflage facility for each structure. Rather, descriptive information and tables are included which will allow the planner to extract the necessary materials for a particular task. However, in accomplishing a camouflage requirement, it should be noted that successful camouflage techniques require imaginative use of not only the issued materials but also such artificial and natural materials as are locally available. These would include such items as cut foliage, search, wire screening and other disrupters. The proper siting and dispersal of facilities with respect to existing natural or manmade terrain patterns will lessen the need for artificial camouflage. A complete coverage of camouflage techniques and the doctrine and techniques of camouflage practice are contained in FM 5-20, Camouflage, and TM 5-200, Camouflage Materials.

7-2. Camouflage Principles, Methods and Materials

Discussion of camouflage principles, methods, and materials is contained in Appendix D of TM 5-304.

CHAPTER 8
UTILIZATION OF TM 5-301

8-1. Planning

The importance of the planning phase of any undertaking cannot be overemphasized. This is certainly true in providing construction support for the Army in a theater of operations. The construction requirements fluctuate because of national policies, contingency plans, escalation or de-escalation of operations, geographical locations and conditions, and availability of resources.

The facilities and installations in the AFCS have been developed to satisfy many of the Army's construction requirements in accordance with criteria contained in JCS Publication No. 3. The requirements for the AFCS components are provided by major Army commands and elements of the DA staff. Approval of requirements is received from proponent elements of the DA staff per AR 415-16. For example, The Surgeon General established the requirements for and approved the medical components in the AFCS.

The AFCS components are continually updated to ensure adherence to current doctrine and actual field requirements. A range of construction materials is used in developing the components so that planners and users have the flexibility to select those components that best meet their requirements and resources. The resources consist of personnel, transportation, construction materials and equipment.

Planning for construction support of an Army operation should include the following steps as a minimum:

a. Provide contingency or operational plans to determine the scope of construction requirements. Coordinate with technical and administrative staff elements to determine their facility and installation requirements in the theater.

b. Evaluate intelligence data and other information to determine the number and type of existing facilities and installations that are required. This evaluation should include the availability of utilities (water, electric power and sewage treatment) and the availability of construction materials within the theater. The base development process is described in FM 31-82.

c. Determine the standards of construction to be used for the facilities and installations based on the operation duration, military objectives and availability of resources.

d. Select the AFCs facilities and installations necessary to satisfy the construction requirements. This selection should exclude the requirements that can be met with indigenous resources. In his selection, the planner should include allowances for facilities that may be damaged, such as blown bridges and railroad tracks. A matrix of damage and repair facilities (Kits) is being added to the next change to TM 5-304. Those repair kits are included in this manual and TM 5-303.

e. Evaluate manpower resources to determine whether U.S. contractors, troop units, local contractors and self-help programs are to be used in the construction work. Review Prepackaged Expendable Contingency Supplies (PECS) as necessary to determine what expendable construction supplies are required by engineer units in support of minor repair requirements that do not warrant a requisitional facility.

f. Determine the real estate requirements and initiate actions for the acquisition of the real estate.

g. Estimate the construction effort, cost of construction materials, and logistical data for transporting the materials. Add the overseas transportation costs to the material costs shown in this manual if the total cost of materials to be delivered to the theater is required. Also add local labor and material costs, if appropriate.

h. Requisition the construction materials and identify long-lead-time procurement items so that construction tasks will not be unnecessarily delayed.

i. Establish a management-control system such as Critical Path Method (CPM) techniques to keep construction tasks on schedule.

8-2. Example Problems

Several example problems demonstrating the use of AFCS to both engineer and non-engineer users is contained in Chapter 4 of TM 5-304.

CHAPTER 9
LISTING OF INSTALLATIONS

9-1. Index of Installations

Description	*Category*
Administration	AA
Airfield and Heliports	AG
Camp, PW	PW
Camp, Troop	NT
Hospital	GH
Maintenance, Vehicle	MT
Marine, Railway Repair	FP
Marine, Terminal POL	PA
Medical Depots	GH
Ordinance, Armament Rebuild Ship, Parks & Collection Point	JA
PECS (Containerized Supplies)	YY
Precast Parts Yard (Concrete, Panelized Wood and Steel)	PY
POL Fuel Drum Cleaning, Filling and Storage	PB
POL Pipeline	PD
POL Tactical Marine Terminal	PF
POL Tank Farm, Bulk Storage	PB
POL Tank Farm, Complex	PC
POL Tank Truck/Car Loading/Unloading	PE
Port, Break-Bulk Cargo	FP
Post Office	AP
Railroad, Regulating Station	FR
Railroad, Terminal	FT
Recreational Center	AR
Storage, Ammunition	DA
Signal Intelligence	CC
Storage, Dry Cargo	DC

9-2. Listing of Installations in Category Number Sequence

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DESERT CLIMATE

HELIPORT,ARMY,MIN REQTS FOR 25 AIRCRAFT,1 UH-1H AND 24 CH-47C OF THE TRANSP.CO.,HELICOPTER MEDIUM,INSTALLATION DWG SHEET 7 OF 65,INITIAL STD,SUPPORT AREA, GRADED AND DRAINED,SURFACING HEAVY DUTY MEMBRANE,PERSONNEL FACIL-ORGANIC TOE EQPT,REAL ESTATE REQT FOR INST-104 ACRES, REQD FROM LOCAL SOURCE---COARSE AGGR,1743 CY,FINE AGGR,1472 CY,MINERAL FILLER,658 CY,COMBAT BN CONSTR AG0134

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
111120AA	RUNWAY W/25 FT SHOULDERS,450 X 60		CH-54 AIRCRAFT	1.0	21	10	45603	324		173	497
111120AB	RUNWAY LENGTH CORRECTION,100 X 60		TEMP AND ALT	.0							
111120AC	RUNWAY OVERRUN,100 X 110 FT		CH-54 AIRCRAFT	2.0	6	4	4184	143		41	184
111120AD	APPROACH-DEPARTURE,1500X250-850 FT		CH-54 AIRCRAFT	4.0				538		345	883
111120AE	CLEAR AREA,1000 SY		AS REQUIRED	160.0	320	160	167360	7728		3128	10856
111141AA	TAXI-HOVERLANE,450 X 180 FT		CH-54 AIRCRAFT	1.2	38	34	33014	544		170	714
111210AB	TAXIWAY W/25 FT SHOULDERS,2000 X 40		CH-54 AIRCRAFT	5.2	426	161	866848	6237		3265	9502
111320AB	PARKING PAD,4EA 20 X 20 FT		UH-1 AIRCRAFT	.3		1	1967	7		3	10
111320AC	PARKING PAD,2EA 50 X 25 FT		CH-47 AIRCRAFT	12.0	12	36	78660	497		166	663
111370AB	AIRCRAFT WASHING APRON,50 X 25 FT		1/INSTALLATION	1.0	1	3	6498	20		7	27
111371AB	DEFUEL/DECONTN APR,50 X 25 FT		1/INSTALLATION	1.0	1	3	6498	20		7	27
111380AA	AC LOADING APR,2EA 50 X 25 FT		CH-47 AIRCRAFT	2.0	2	6	13110	55		28	83
111610AA	COMPASS SWING BASE,50 X 50 FT		1/INSTALLATION	1.0	1	3	6527	28		14	42
112110AA	HOT REFUELING PAD,2EA 50 X 25 FT		3/INSTALLATION	1.5	2	5	9833	41		21	62
12110AH	SUPPORT ACFT REFUELING 30000 G STOR		5 DAY SUPPLY	2.0	16	40	131052	350	267	736	1353
12110AJ	FUEL STORAGE AUGMENTATION 50000 GAL		5 DAY SUPPLY	1.0	5	5	16865	74	64	147	285
113315AA	AC CONTROL STATION,20 X 20 FT		1/INSTALLATION	1.0	3	2	15	7		1	8
113470AA	WIND DIRECTION INDICATOR		1/INSTALLATION	1.0			304		2	2	4
114111AA	FIRE AND RESCUE STATION,20 X 20 FT		1/INSTALLATION	1.0	3	2	15	7		1	8
142183AB	AMMUNITION STORAGE,2500SF		AS REQUIRED	1.0				3		2	5
85110CK	ROAD PAVEMENT,CLASS C,6IN STBL 1MI		PROVIDE ACCESS	2.2	1472	994	7359	385		111	496
85110DG	HARDSTAND,APR,TXWY,OR RNWY 1000SQYD		AS REQUIRED	.3	30	20	150	9		3	12
85130KH	ROAD,CLASS C,GRADED AND DRAINED 1MI		PROVIDE ACCESS	2.2	26	13	15297	4433		1617	6050
85210AY	HARDSTAND GRADED AND DRAINED 1000SY		AS REQUIRED	.3	2	1	1321	74		27	101
187120AA	DRAINAGE HELIPORT,24 ACRES		1 IN./HR	1.0				53		39	92
					2387	1503	1410480	21577	333	10054	31964

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DESERT CLIMATE

HELIPORT,ARMY,MIN REQTS FOR 25 AIRCRAFT,1 UH-1H AND 24 AG0234
CH-47C OF THE TRANSP.CO.,HELICOPTER MEDIUM,INSTALLATION DWG
SHEETS 8AND9 OF 65,INITIAL STANDARD
SUPPORT AREA,GRADED AND DRAINED,SURFACING M8A1 LANDING MAT,
PERSONNEL FACIL-TROOP CAMP INST NO NT1421,REAL ESTATE REQT
FOR INST-123 ACRES,REQD FROM LOCAL SOURCE--COARSE AGGR,1534
CY,FINE AGGR,1338 CY,MINERAL FILLER,598 CY,COMBAT BN CONSTR

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	GENL	TOT
111120AC	RUNWAY OVERRUN,100 X 110 FT		CH-54 AIRCRAFT	2.0	6	4	4184	143		41	184
111120AD	APPROACH-DEPARTURE,1500X250-850 FT		CH-54 AIRCRAFT	4.0				538		345	883
111120AE	CLEAR AREA,1000 SY			167.0	334	167	174682	8066		3265	11331
111120BA	RUNWAY W/25 FT SHOULDERS,450 X 60		CH-54 AIRCRAFT	1.0	131	77	73348	342		328	670
111120BC	RUNWAY LENGTH CORRECTION,100 X 60		TEMP AND ALT	.0							
111141AA	TAXI-HOVERLANE,450 X 180 FT		CH-54 AIRCRAFT	1.2	38	34	33014	544		170	714
111210AB	TAXIWAY W/25 FT SHOULDERS,2000 X 40		CH-54 AIRCRAFT	.2	16	6	33263	240		126	366
111210BB	TAXIWAY W/25 FT SHOULDERS,1000 X 40		CH-54 AIRCRAFT	10.2	2234	1265	1306457	6428		6229	12657
111320BB	PARKING PAD,4EA 20 X 20 FT		UH-1 AIRCRAFT	.3	3	2	2580	6		7	13
111320BC	PARKING PAD,10EA 50 X 25 FT		CH-47 AIRCRAFT	2.4	173	125	117766	408		411	819
111340BD	HANGAR ACCESS,335 X 100 FT		AS REQUIRED	1.0	147	108	104844	262		490	752
111370AB	AIRCRAFT WASHING APRON,50 X 25 FT		1/INSTALLATION	1.0	1	3	6498	20		7	27
111371AB	DEFUEL/DECONTN APR,50 X 25 FT		1/INSTALLATION	1.0	1	3	6498	20		7	27
111380BB	AC LOADING APR,4EA 50 X 25 FT		CH-47 AIRCRAFT	1.0	29	21	19627	58		58	116
111610AA	COMPASS SWING BASE,50 X 50 FT		1/INSTALLATION	1.0	1	3	6527	28		14	42
112110BB	HOT REFUELING PAD,2EA 50 X 25 FT		3/INSTALLATION	1.5	21	15	14721	43		43	86
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	1.0	1	1	1246	9	60	23	92
12630AA	LDG FACIL FOR TWO FUEL TRUCKS	2-STATION	AS REQUIRED	1.0	12	12	13862	173	374	1213	1760
113315BA	CONTROL TOWER LOW DENSITY TRAFFIC		1/INSTALLATION	1.0	16	21	4632	1	560	112	673
113470AA	WIND DIRECTION INDICATOR		1/INSTALLATION	1.0			304		2	2	4
14110BA	AFOPS BLDG 864SF PNL WD BDG W/ INT		1/INSTALLATION	1.0	27	33	18383	8	1110	879	1997
114111BA	FIRE AND RSQ STA,FAC NO.73010AC		1/INSTALLATION	1.0	192	283	39238	63	930	171	1164
114910AR	AIRCRAFT REVETMENT,IMPROVED,UH-1D/H		UH-1 AIRCRAFT	1.0	15	12	3919		61	102	163
114910AT	AIRCRAFT REVETMENT,IMPROVED,CH-47		CH-47 AIRCRAFT	24.0	504	384	132096		2180	3174	5354
121110BB	ORG MNT HANGAR,105 X 112 FT		CH-47 AIRCRAFT	3.0	237	468	773025	587		1052	1639
141120BA	FLAMMABLE STORAGE,12 X 24 FT		AS REQUIRED	1.0	14	13	3322	1		1	2
41180AG	TANK, POL, 3000 BARREL, W/6 IN PIPE	3000 BBL	5 DAY SUPPLY	1.0	2	32	12538	104	357	242	703
142183BA	AMMUNITION STORAGE,24 X 36 FT			1.0	25	27	17138	1		1	2
85110CK	ROAD PAVEMENT,CLASS C,6IN STBL 1MI		PROVIDE ACCESS	2.0	1338	904	6690	350		101	451
85110DG	HARDSTAND,APR,TXWY,OR RNWY 1000SQYD		AS REQUIRED	.6	60	41	300	19		7	26
85130KH	ROAD,CLASS C,GRADED AND DRAINED 1MI		PROVIDE ACCESS	2.0	24	12	13906	4030		1470	5500
85210AY	HARDSTAND GRADED AND DRAINED 1000SY		AS REQUIRED	.6	4	2	2641	148		53	201
187120BA	DRAINAGE HELIPORT,25 ACRES		1 IN./HR	1.0	32	36	22513	74		64	138
87210AD	CONCERTINA,TRIPLE TAPE TYP D 1000LF		SECUR FENCE	11.0	1287	770	21582	354		1417	1771
					6925	4884	2991344	23068	5634	21625	50327

DDEXER4 RUN DATE 860207

DESERT CLIMATE

HELIPORT,ARMY,MIN REQTS FOR 25 AIRCRAFT,1 UH-1H AND 24 AG0334
CH-47C OF THE TRANSP.CO.,HELICOPTER MEDIUM,INSTALLATION DWG
SHEETS 10 AND 11 OF 65,TEMPORARY STD,
SUPPORT AREA,GRADED AND DRAINED,SURFACING BITUMINOUS
PAVEMENT,PERSONNEL FACIL-TROOP CAMP INST NO NT1621,REAL
ESTATE REQT FOR INST-123 ACRES,REQD FROM LOCAL SOURCE---
COARSE AGGR,8828 CY,FINE AGGR,4118 CY,MINERAL FILLER,1269 CY

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
111120AD	APPROACH-DEPARTURE,1500X250-850 FT		CH-54 AIRCRAFT	4.0				538		345	883
111120AE	CLEAR AREA,1000 SY		AS REQUIRED	168.0	336	168	175728	8114		3284	11398
111120BF	RUNWAY OVERRUN,100 X 125 FT		CH-54 AIRCRAFT	2.0	8	6	4882	166		46	212
111120CA	RUNWAY W/25 FT SHOULDERS,450 X 75		CH-54 AIRCRAFT	1.0	260	210	13615	455		189	644
111120CB	RUNWAY LENGTH CORRECTION,100 X 75		TEMP AND ALT	.0							
111141AA	TAXI-HOVERLANE,450 X 180 FT		CH-54 AIRCRAFT	1.2	38	34	33014	544		170	714
111210CB	TAXIWAY W/25 FT SHOULDERS,1000 X 40		CH-54 AIRCRAFT	11.0	3443	2761	181357	7957		3112	11069
111320CB	PARKING PAD,4EA 20 X 20 FT		UH-1 AIRCRAFT	.3	4	3	72	17		3	20
111320CC	PARKING PAD,10EA 50 X 25 FT		CH-47 AIRCRAFT	2.4	228	182	3586	480		116	596
111340CD	HANGAR ACCESS,335 X 100 FT		AS REQUIRED	1.0	250	200	3346	321		99	420
111370CB	AIRCRAFT WASHING APRON,50 X 25 FT		1/INSTALLATION	1.0	10	8	139	26		6	32
111371CB	DEFUEL/DECONTN APR,50 X 25 FT		1/INSTALLATION	1.0	10	8	139	26		6	32
111380CB	AC LOADING APR,4EA 50 X 25 FT		CH-47 AIRCRAFT	1.0	38	30	598	81		20	101
111610CA	COMPASS SWING BASE,50 X 50 FT		1/INSTALLATION	1.0	14	11	211	99		29	128
112110CB	HOT REFUELING PAD,2EA 50 X 25 FT		3/INSTALLATION	1.5	30	24	482	85		29	114
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	1.0	1	1	1246	9	60	23	92
12630AA	LDG FACIL FOR TWO FUEL TRUCKS	2-STATION	AS REQUIRED	1.0	12	12	13862	173	374	1213	1760
113315BA	CONTROL TOWER LOW DENSITY TRAFFIC		1/INSTALLATION	1.0	16	21	4632	1	560	112	673
113470AA	WIND DIRECTION INDICATOR		1/INSTALLATION	1.0			304		2	2	4
14110BA	AFOPS BLDG 864SF PNL WD BDG W/ INT		1/INSTALLATION	1.0	27	33	18383	8	1110	879	1997
114111BA	FIRE AND RSQ STA,FAC NO.73010AC		1/INSTALLATION	1.0	192	283	39238	63	930	171	1164
114910AR	AIRCRAFT REVETMENT,IMPROVED,UH-1D/H		UH-1 AIRCRAFT	1.0	15	12	3919		61	102	163
114910AT	AIRCRAFT REVETMENT,IMPROVED,CH-47		CH-47 AIRCRAFT	24.0	504	384	132096		2180	3174	5354
121110CB	ORG MNT HANGAR,105 X 112 FT		CH-47 AIRCRAFT	3.0	363	594	741540	566		731	1297
141120BA	FLAMMABLE STORAGE,12 X 24 FT		AS REQUIRED	1.0	14	13	3322	1		1	2
41180AG	TANK, POL, 3000 BARREL, W/6 IN PIPE	3000 BBL	5 DAY SUPPLY	1.0	2	32	12538	104	357	242	703
142183BA	AMMUNITION STORAGE,24 X 36 FT		AS REQUIRED	1.0	25	27	17138	1		1	2
85110BT	ROAD CLASS C, 12 MULTIPLE SURFACE		PROVIDE ACCESS	2.0	798	600	8372	389		69	458
85110DG	HARDSTAND,APR,TXWY,OR RNWY 1000SQYD		AS REQUIRED	.6	60	41	300	19		7	26
85130KH	ROAD,CLASS C,GRADED AND DRAINED 1MI		PROVIDE ACCESS	2.0	24	12	13906	4030		1470	5500
85210AY	HARDSTAND GRADED AND DRAINED 1000SY		AS REQUIRED	.6	4	2	2641	148		53	201
187120BA	DRAINAGE HELIPORT,25 ACRES		1 IN./HR	1.0	32	36	22513	74		64	138
87210AA	FENCE,CHAIN LK,W/2 OUTRGRS 1 1000LF		PERIM FENCING	11.0	187	561	132814	1581		5060	6641
87210AF	GATE,CHAINLINK SING/LEAF 3 WI 10 HI		AS REQUIRED	5.0	5	10	1395	35		69	104
87210AG	GATE,VEH CHAINL DBL/LEAF 12WI 10 HI		AS REQUIRED	6.0	6	12	2406	48		104	152
87210AJ	FENCE,CORNER POST 10 FT HI CHAINLIN		AS REQUIRED	17.0			1853	196		156	352
					6956	6331	1591587	26355	5634	21157	53146

DDEXER4 RUN DATE 860207

DESERT CLIMATE

HELIPORT,ARMY,MIN REQTS FOR 27 AIRCRAFT,10 OH-58,9 AH-1G AND 8 UH-1H OF THE AIR CAVALRY TROOP,INSTALLATION DWG.SHEET 12OF 65,INITIAL STANDARD,SUPPORT AREA,GRADED AND DRAINED,SURFACING M8A1 LANDING MAT,PERSONNEL FACIL-TROOP CAMP INST NO NT1421,REAL ESTATE REQT FOR INST-65 ACRES,REQD FROM LOCAL SOURCE---COARSE AGGR,1268 CY,FINE AGGR,1071 CY, MINERAL FILLER,316 CY,COMBAT BN CONSTR AG1234

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
111120AC	RUNWAY OVERRUN,100 X 110 FT		CH-54 AIRCRAFT	2.0	6	4	4184	143		41	186
111120AD	APPROACH-DEPARTURE,1500X250-850 FT		CH-54 AIRCRAFT	4.0				538		345	883
111120AE	CLEAR AREA,1000 SY		AS REQUIRED	42.8	86	43	44769	2067		837	2904
111120BA	RUNWAY W/25 FT SHOULDERS,450 X 60		CH-54 AIRCRAFT	1.0	131	77	73348	342		328	670
111120BC	RUNWAY LENGTH CORRECTION,100 X 60		TEMP AND ALT	.0							
111141AA	TAXI-HOVERLANE,450 X 180 FT		CH-54 AIRCRAFT	4.9	157	137	134809	2220		693	2913
111210AB	TAXIWAY W/25 FT SHOULDERS,2000 X 60		CH-54 AIRCRAFT	.2	16	6	33263	240		126	366
111320BA	PARKING PAD,10EA 12 X 12 FT		OH-58 AIRCRAFT	1.0	10	8	8713	18		18	36
111320BB	PARKING PAD,4EA 20 X 20 FT		AH-1G AIRCRAFT	4.3	39	30	36976	89		94	183
111340BA	HANGAR ACCESS,105 X 100 FT		AS REQUIRED	1.0	47	35	36467	87		163	250
111370AA	AIRCRAFT WASHING APRON,40 X 20 FT		1/INSTALLATION	1.0	1	1	3249	17		5	22
111371AA	DEFUEL/DECONTN APR,40 X 20 FT		1/INSTALLATION	1.0	1	3	6498	17		5	22
111380BA	AC LOADING APR,6EA 20 X 20 FT		UH-1 AIRCRAFT	1.0	14	11	12898	29		29	58
111610AA	COMPASS SWING BASE,50 X 50 FT		1/INSTALLATION	1.0	1	3	6527	28		14	42
112110BA	HOT REFUELING PAD,6EA 20 X 20 FT		6/INSTALLATION	1.0	14	11	12898	29		29	58
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	1.0	1	1	1246	9	60	23	92
12630AA	LDG FACIL FOR TWO FUEL TRUCKS	2-STATION	AS REQUIRED	1.0	12	12	13862	173	374	1213	1760
113315BA	CONTROL TOWER LOW DENSITY TRAFFIC		1/INSTALLATION	1.0	16	21	4632	1	560	112	673
113470AA	WIND DIRECTION INDICATOR		1/INSTALLATION	1.0			304		2	2	4
141108B	AFOPS BLDG 2160SF PNL WD BLDG W/ IN		1/INSTALLATION	1.0	170	953	96409	21	2151	610	2782
141111BA	FIRE AND RSQ STA,FAC NO.73010AC		1/INSTALLATION	1.0	192	283	39238	63	930	171	1164
114910AN	AIRCRAFT REVETMENT,IMPROVED,OH-58		OH-58 AIRCRAFT	10.0	110	80	28000		449	817	1266
114910AR	AIRCRAFT REVETMENT,IMPROVED,UH-1D/H		UH-1 AIRCRAFT	8.0	120	96	31352		488	819	1307
114910AV	AIRCRAFT REVETMENT,IMPROVED,AH-1G		AH-1G AIRCRAFT	9.0	108	90	28926		497	880	1377
121110BB	ORG MNT HANGAR,105 X 112 FT		UH-1 AIRCRAFT	1.0	79	156	257675	196		351	547
141120BA	FLAMMABLE STORAGE,12 X 24 FT		AS REQUIRED	1.0	14	13	3322	1		1	2
41180AF	TANK, POL, 1000 BARREL, W/6 IN PIPE	1000 BBL	5 DAY SUPPLY	1.0	1	14	8663	92	357	173	622
42283AC	MAGAZINE,STEEL ARCH 16X36		AS REQUIRED	1.0	14	31	4453	170	179	173	522
85110CK	ROAD PAVEMENT,CLASS C,6IN STBL 1MI		PROVIDE ACCESS	1.6	1070	723	5352	280		81	361
85110DG	HARDSTAND,APR,TXWY,OR RNWY 1000SQYD		AS REQUIRED	.6	60	41	300	19		7	26
85130KH	ROAD,CLASS C,GRADED AND DRAINED 1MI		PROVIDE ACCESS	1.0	19	10	11125	3224		1176	4400
85210AY	HARDSTAND GRADED AND DRAINED 1000SY		AS REQUIRED	.6	4	2	2641	148		53	201
187120BB	DRAINAGE HELIPORT,11 ACRES		1 IN./HR	1.0	14	17	9880	23		23	46
87210AD	CONCERTINA,TRIPLE TAPE TYP D 1000LF		SECUR FENCE	9.2	1076	644	18050	296		1185	1481
					3603	3556	980029	10580	6047	10597	27224

DDEXER4 RUN DATE 860207

DESERT CLIMATE

HELIPORT,ARMY,MIN REQTS FOR 27 AIRCRAFT,10 OH-58,9 AH-1G AND 8 UH-1H OF THE AIR CAVALRY TROOP,INSTALLATION DWG.SHEET 13OF 65,TEMPORARY STD,SUPPORT AREA,GRADED AND DRAINED,SURFACING BITUMINOUS PAVEMENT,PERSONNEL FACIL-TROOP CAMP INST NO NT1621,REAL ESTATE REQT FOR INST-65 ACRES,REQD FROM LOCAL SOURCE---COARSE AGGR,2320 CY,FINE AGGR,1027 CY, MINERAL FILLER,327 CY,COMBAT SN AND SUP CO CONSTR AG1334

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
111120AD	APPROACH-DEPARTURE,1500X250-850 FT		CH-54 AIRCRAFT	4.0				538		345	883
111120AE	CLEAR AREA,1000 SY		AS REQUIRED	41.5	83	42	43409	2004		811	2815
111120BF	RUNWAY OVERRUN,100 X 125 FT		CH-54 AIRCRAFT	2.0	8	6	4882	166		46	212
111120CA	RUNWAY W/25 FT SHOULDERS,450 X 75		CH-54 AIRCRAFT	1.0	260	210	13615	455		189	644
111120CB	RUNWAY LENGTH CORRECTION,100 X 75		TEMP AND ALT	.0							
111141AA	TAXI-HOVERLANE,450 X 180 FT		CH-54 AIRCRAFT	5.0	160	140	137560	2266		707	2973
111210CB	TAXIWAY W/25 FT SHOULDERS,1000 X 40		CH-54 AIRCRAFT	.4	125	100	6595	289		113	402
111320CA	PARKING PAD,10EA 12 X 12 FT		OH-58 AIRCRAFT	1.0	11	9	327	140		28	168
111320CB	PARKING PAD,4EA 20 X 20 FT		AH-1G AIRCRAFT	4.3	56	43	1036	242		49	291
111340CA	HANGAR ACCESS,105 X 100 FT		AS REQUIRED	1.0	79	63	1056	118		32	150
111370CA	AIRCRAFT WASHING APRON,40 X 20 FT		1/INSTALLATION	1.0	6	5	86	20		3	23
111371CA	DEFUEL/DECONTN APR,40 X 20 FT		1/INSTALLATION	1.0	6	5	86	20		3	23
111380CA	AC LOADING APR,6EA 20 X 20 FT		UH-1 AIRCRAFT	1.0	18	15	344	84		17	101
111610CA	COMPASS SWING BASE,50 X 50 FT		1/INSTALLATION	1.0	14	11	211	99		29	128
112110CA	HOT REFUELING PAD,6EA 20 X 20 FT		6/INSTALLATION	1.0	18	15	344	93		36	129
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	1.0	1	1	1246	9	60	23	92
12630AA	LDG FACIL FOR TWO FUEL TRUCKS	2-STATION	AS REQUIRED	1.0	12	12	13862	173	374	1213	1760
113315BA	CONTROL TOWER LOW DENSITY TRAFFIC		1/INSTALLATION	1.0	16	21	4632	1	560	112	673
113470AA	WIND DIRECTION INDICATOR		1/INSTALLATION	1.0			304		2	2	4
14110BB	AFOPS BLDG 2160SF PNL WD BLDG W/ IN		1/INSTALLATION	1.0	170	953	96409	21	2151	610	2782
114111BA	FIRE AND RSQ STA,FAC NO.73010AC		1/INSTALLATION	1.0	192	283	39238	63	930	171	1164
114910AN	AIRCRAFT REVETMENT,IMPROVED,OH-58		OH-58 AIRCRAFT	10.0	110	80	28000		449	817	1266
114910AR	AIRCRAFT REVETMENT,IMPROVED,UH-1D/H		UH-1 AIRCRAFT	8.0	120	96	31352		488	819	1307
114910AV	AIRCRAFT REVETMENT,IMPROVED,AH-1G		AH-1G AIRCRAFT	9.0	108	90	28926		497	880	1377
121110CB	ORG MNT HANGAR,105 X 112 FT		UH-1 AIRCRAFT	1.0	121	198	247180	189		244	433
141120BA	FLAMMABLE STORAGE,12 X 24 FT		AS REQUIRED	1.0	14	13	3322	1		1	2
41180AF	TANK, POL, 1000 BARREL, W/6 IN PIPE	1000 BBL	5 DAY SUPPLY	1.0	1	14	8663	92	357	173	622
42283AC	MAGAZINE,STEEL ARCH 16X36		AS REQUIRED	1.0	14	31	4453	170	179	173	522
85110BT	ROAD CLASS C, 1@ MULTIPLE SURFACE		PROVIDE ACCESS	1.6	638	480	6698	311		55	366
85110CN	HARDSTAND,APR,TXWY,OR RNWY 1000SQYD		AS REQUIRED	.8	41	30	398	39		18	57
85130KH	ROAD,CLASS C,GRADED AND DRAINED 1MI		PROVIDE ACCESS	1.6	19	10	11125	3224		1176	4400
85210AY	HARDSTAND GRADED AND DRAINED 1000SY		AS REQUIRED	.8	6	2	3522	198		71	269
187120BB	DRAINAGE HELIPORT,11 ACRES		1 IN./HR	1.0	14	17	9880	23		23	46
87210AA	FENCE,CHAIN LK.W/2 OUTRGRS 1 1000LF		PERIM FENCING	10.0	170	510	120740	1438		4600	6038
87210AF	GATE,CHAINLINK SING/LEAF 3 WI 10 HI		AS REQUIRED	5.0	5	10	1395	35		69	104
87210AG	GATE,VEH CHAINL DBL/LEAF 12WI 10 HI		AS REQUIRED	6.0	6	12	2406	48		104	152
87210AJ	FENCE,CORNER POST 10 FT HI CHAINLIN		AS REQUIRED	16.0			1744	184		147	331
					2622	3527	875046	12753	6047	13909	32709

DDEXER4 RUN DATE 860207

DESERT CLIMATE

HELIPORT,ARMY,MIN REQTS FOR 10 AIRCRAFT,9 CH-54A AND 1 UH-1H AG2134
OF THE TRANSP.CO,HELICOPTER HEAVY,INSTALLATION DWG.SHEET 14
OF 65,INITIAL STD,SUPPORT AREA,GRADED AND
DRAINED,SURFACING HEAVY DUTY MEMBRANE,PERSONNEL FACIL-
ORGANIC TOE EQPT,REAL ESTATE REQT FOR INST-66 ACRES,REQD
FROM LOCAL SOURCE---COARSE AGGR,1505 CY,FINE AGGR,1272 CY,
MINERAL FILLER,569 CY,COMBAT BN CONSTR

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	GENL	TOT
111120AA	RUNWAY W/25 FT SHOULDERS,450 X 60		CH-54 AIRCRAFT	1.0	21	10	45603	324		173	497
111120AB	RUNWAY LENGTH CORRECTION,100 X 60		TEMP AND ALT	.0							
111120AC	RUNWAY OVERRUN,100 X 110 FT		CH-54 AIRCRAFT	2.0	6	4	6186	143		41	184
111120AD	APPROACH-DEPARTURE,1500X250-850 FT		CH-54 AIRCRAFT	4.0				538		345	883
111120AE	CLEAR AREA,1000 SY		AS REQUIRED	120.0	240	120	125520	5796		2346	8142
111141AA	TAXI-HOVERLANE,450 X 180 FT		CH-54 AIRCRAFT	1.0	32	28	27512	453		141	594
111210AB	TAXIWAY W/25 FT SHOULDERS,2000 X 40		CH-54 AIRCRAFT	2.7	221	84	449056	3239		1695	4934
111320AB	PARKING PAD,4EA 20 X 20 FT		UH-1 AIRCRAFT	.3		1	1967	7		3	10
111320AD	PARKING PAD,50 X 50 FT		CH-54 AIRCRAFT	9.0	9	27	58743	248		124	372
111340AA	HANGAR ACCESS,100 X 100 FT		AS REQUIRED	1.0	6	1	14906	76		54	130
111370AD	AIRCRAFT WASHING APRON,50 X 50 FT		1/INSTALLATION	1.0	1	3	6498	28		14	42
111371AD	DEFUEL/DECONTN APR,100 X 100 FT		1/INSTALLATION	1.0	6	1	14906	76		54	130
111380AB	AC LOADING APR,50 X 50 FT		CH-54 AIRCRAFT	4.0	4	12	26108	110		55	165
111610AA	COMPASS SWING BASE,50 X 50 FT		1/INSTALLATION	1.0	1	3	6527	28		14	42
112110AB	HOT REFUELING PAD,50 X 50 FT		2/INSTALLATION	2.0	2	6	13054	55		28	83
12110AH	SUPPORT ACFT REFUELING 30000 G STOR		5 DAY SUPPLY	2.0	16	40	131052	350	267	736	1353
113315AA	AC CONTROL STATION,20 X 20 FT		1/INSTALLATION	1.0	3	2	15	7		1	8
113470AA	WIND DIRECTION INDICATOR		1/INSTALLATION	1.0			304		2	2	4
114111AA	FIRE AND RESCUE STATION,20 X 20 FT		1/INSTALLATION	1.0	3	2	15	7		1	8
85110CK	ROAD PAVEMENT,CLASS C,6IN STBL 1MI		PROVIDE ACCESS	1.9	1271	859	6356	332		96	428
85110DG	HARDSTAND,APR,TXWY,OR RNWY 1000SQYD		AS REQUIRED	.4	40	27	200	12		5	17
85130KH	ROAD,CLASS C,GRADED AND DRAINED 1MI		PROVIDE ACCESS	1.9	23	11	13211	3828		1396	5224
85210AY	HARDSTAND GRADED AND DRAINED 1000SY		AS REQUIRED	.4	3	1	1761	99		35	134
187120AB	DRAINAGE HELIPORT,10 ACRES		1 IN./HR	1.0				24		16	40
					1908	1242	947498	15780	269	7375	23424

DDEXER4 RUN DATE 860207

DESERT CLIMATE

HELIPORT,ARMY,MIN REQTS FOR 10 AIRCRAFT,9 CH-54A AND 1 UH-1H OF THE TRANSP.CO,HELICOPTER HEAVY,INSTALLATION DWG,SHEET 15 OF 65 INITIAL STANDARD,REAR AREA,GRADED AND DRAINED,SURFACING M8A1 LANDING MAT,PERSONNEL FACIL-TROOP CAMP INST NO NT1421,REAL ESTATE REQT FOR INST-93 ACRES,REQD FROM LOCAL SOURCE---COARSE AGGR,1426 CY,FINE AGGR,1205 CY, MINERAL FILLER,539 CY,COMBAT BN CONSTR AG2244

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
111120AD	APPROACH-DEPARTURE,1500X250-850 FT		CH-54 AIRCRAFT	4.0				538		345	883
111120AE	CLEAR AREA,1000 SY		AS REQUIRED	115.0	230	115	120290	5555		2248	7803
111120BB	RUNWAY W/25 FT SHOULDERS,450 X 75		CH-54 AIRCRAFT	1.0	164	91	91243	399		400	799
111120BD	RUNWAY LENGTH CORRECTION,100 X 75		TEMP AND ALT	.0							
111120BF	RUNWAY OVERRUN,100 X 125 FT		CH-54 AIRCRAFT	2.0	8	6	4882	166		46	212
111141AA	TAXI-HOVERLANE,450 X 180 FT		CH-54 AIRCRAFT	1.0	32	28	27512	453		141	594
111210AB	TAXIWAY W/25 FT SHOULDERS,2000 X 40		CH-54 AIRCRAFT	.2	16	6	33263	240		126	366
111210BB	TAXIWAY W/25 FT SHOULDERS,1000 X 40		CH-54 AIRCRAFT	5.5	1205	682	704462	3466		3359	6825
111320BD	PARKING PAD,40 X 40 FT		UH-1 AIRCRAFT	1.0	8	7	8181	21		22	43
111320BE	PARKING PAD,10EA 100 X 100 FT		CH-54 AIRCRAFT	.9	408	222	224910	594		965	1559
111340BB	HANGAR ACCESS,220 X 100 FT		AS REQUIRED	1.0	98	73	74006	175		327	502
111370AF	AIRCRAFT WASHING APRON,100 X 100 FT		1/INSTALLATION	1.0	6	1	14906	76		54	130
111371AD	DEFUEL/DECONIN APR,100 X 100 FT		1/INSTALLATION	1.0	6	1	14906	76		54	130
111380BC	AC LOADING APR,4EA 100 X 100 FT		CH-54 AIRCRAFT	1.0	181	99	99732	314		469	783
111610AA	COMPASS SWING BASE,50 X 50 FT		1/INSTALLATION	1.0	1	3	6527	28		14	42
112110BD	HOT REFUELING PAD,2EA 100 X 100 FT		2/INSTALLATION	1.0	89	68	72151	237		246	483
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	1.0	1	1	1246	9	60	23	92
12630AA	LDG FACIL FOR TWO FUEL TRUCKS	2-STATION	AS REQUIRED	1.0	12	12	13862	173	374	1213	1760
113315BA	CONTROL TOWER LOW DENSITY TRAFFIC		1/INSTALLATION	1.0	16	21	4632	1	560	112	673
113470AA	WIND DIRECTION INDICATOR		1/INSTALLATION	1.0			304		2	2	4
14110BA	AFOPS BLDG 864SF PNL WD BDG W/ INT		1/INSTALLATION	1.0	27	33	18383	8	1110	879	1997
114111BA	FIRE AND RSQ STA,FAC NO.73010AC		1/INSTALLATION	1.0	192	283	39238	63	930	171	1164
114910AR	AIRCRAFT REVETMENT,IMPROVED,UH-1D/H		UH-1 AIRCRAFT	1.0	15	12	3919		61	102	163
114910AU	AIRCRAFT REVETMENT,IMPROVED,CH-54		CH-54 AIRCRAFT	9.0	378	297	98577		1553	2070	3623
121110BB	ORG MNT HANGAR,105 X 112 FT		AS REQUIRED	1.0	79	156	257675	196		351	547
141120BA	FLAMMABLE STORAGE,12 X 24 FT			1.0	14	13	3322	1		1	2
41180AF	TANK, POL, 1000 BARREL, W/6 IN PIPE	1000 BBL	5 DAY SUPPLY	1.0	1	14	8663	92	357	173	622
85110AT	ROAD CLASS A, 6" STABILIZED SURFACE		PROVIDE ACCESS	1.8	2140	1445	10701	567		157	724
35110DG	HARDSTAND,APR,TXWY,OR RNWY 1000SQYD		AS REQUIRED	.6	60	41	300	19		7	26
85130AY	ROAD,CLASS A,GRADED AND DRAINED 1MI		PROVIDE ACCESS	1.8	29	14	17086	5175		2080	7255
85210AY	HARDSTAND GRADED AND DRAINED 1000SY		AS REQUIRED	.6	4	2	2641	148		53	201
187120BC	DRAINAGE HELIPORT,15 ACRES		1 IN./HR	1.0	25	27	17759	47		44	91
87210AD	CONCERTINA,TRIPLE TAPE TYP D 1000LF		SECUR FENCE	9.1	1065	637	17854	293		1172	1465
					6510	4410	2013133	19130	5007	17426	41563

DDEXER4 RUN DATE 860207

DESERT CLIMATE

HELIPORT,ARMY,MIN REQTS FOR 10 AIRCRAFT,9 CH-54A AND 1 UH-1H AG2344
OF THE TRANSP.CO,HELICOPTER HEAVY,INSTALLATION DWG.SHEET 16
OF 65,TEMPORARY STD,REAR AREA,GRADED AND
DRAINED,SURFACING BITUMINOUS PAVEMENT,PERSONNEL FACIL-TROOP
CAMP INST NO NT1621,REAL ESTATE REQT FOR INST-93 ACRES,REQD
FROM LOCAL SOURCE---COARSE AGGR,7909 CY,FINE AGGR,3638 CY,
MINERAL FILLER,1109 CY,COMBAT BN AND SUP CO CONSTR

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	IN MANHOURS GENL	IN MANHOURS TOT
111120AD	APPROACH-DEPARTURE,1500X250-850 FT		CH-54 AIRCRAFT	4.0				538		345	883
111120AE	CLEAR AREA,1000 SY		AS REQUIRED	119.0	238	119	124474	5748		2326	8074
111120BF	RUNWAY OVERRUN,100 X 125 FT		CH-54 AIRCRAFT	2.0	8	6	4882	166		46	212
111120CA	RUNWAY W/25 FT SHOULDERS,450 X 75		CH-54 AIRCRAFT	1.0	260	210	13615	455		189	644
111120CB	RUNWAY LENGTH CORRECTION,100 X 75		TEMP AND ALT	.0							
111141AA	TAXI-HOVERLANE,450 X 180 FT		CH-54 AIRCRAFT	1.0	32	28	27512	453		141	594
111210CB	TAXIWAY W/25 FT SHOULDERS,1000 X 40		CH-54 AIRCRAFT	4.2	1315	1054	69245	3038		1188	4226
111320CD	PARKING PAD,40 X 40 FT		UH-1 AIRCRAFT	1.0	13	10	207	29		6	35
111320CE	PARKING PAD,10EA 100 X 100 FT		CH-54 AIRCRAFT	.9	672	536	10499	658		232	890
111340CB	HANGAR ACCESS,220 X 100 FT		AS REQUIRED	1.0	168	134	2252	231		66	297
111370CD	AIRCRAFT WASHING APRON,100 X 100 FT		1/INSTALLATION	1.0	75	60	1003	118		32	150
111371CD	DEFUEL/DECONTN APR,100 X 100 FT		1/INSTALLATION	1.0	75	60	1003	118		32	150
111380CC	AC LOADING APR,4EA 100 X 100 FT		CH-54 AIRCRAFT	1.0	299	239	4453	317		113	430
111610CA	COMPASS SWING BASE,50 X 50 FT		1/INSTALLATION	1.0	14	11	211	99		29	128
112110CD	HOT REFUELING PAD,2EA 100 X 100 FT		2/INSTALLATION	1.0	150	120	2351	237		115	352
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	1.0	1	1	1246	9	60	23	92
12630AA	LDG FACIL FOR TWO FUEL TRUCKS	2-STATION	AS REQUIRED	1.0	12	12	13862	173	374	1213	1760
113315BA	CONTROL TOWER LOW DENSITY TRAFFIC		1/INSTALLATION	1.0	16	21	4632	1	560	112	673
113470AA	WIND DIRECTION INDICATOR		1/INSTALLATION	1.0			304		2	2	4
14110BA	AFOPS BLDG 864SF PNL WD BDG W/ INT		1/INSTALLATION	1.0	27	33	18383	8	1110	879	1997
114111BA	FIRE AND RSQ STA,FAC NO.73010AC		1/INSTALLATION	1.0	192	283	39238	63	930	171	1164
114910AR	AIRCRAFT REVETMENT,IMPROVED,UH-1D/H		UH-1 AIRCRAFT	1.0	15	12	3919		61	102	163
114910AU	AIRCRAFT REVETMENT,IMPROVED,CH-54		CH-54 AIRCRAFT	1.0	42	33	10953		173	230	403
121110CB	ORG MNT HANGAR,105 X 112 FT		CH-54 AIRCRAFT	2.0	242	396	494360	377		488	865
141120BA	FLAMMABLE STORAGE,12 X 24 FT		AS REQUIRED	1.0	14	13	3322	1		1	2
41180AF	TANK, POL, 1000 BARREL, W/6 IN PIPE	1000 BBL	5 DAY SUPPLY	1.0	1	14	8663	92	357	173	622
85110AB	ROAD,CLASS A,1IN MULT. SURF.	1MI	PROVIDE ACCESS	1.8	1397	1075	16358	604		106	710
85110CN	HARDSTAND,APR,TXWY,OR RNWY 1000SQYD		AS REQUIRED	.6	31	23	299	29		14	43
85130AY	ROAD,CLASS A,GRADED AND DRAINED 1MI		PROVIDE ACCESS	1.8	29	14	17086	5175		2080	7255
85210AY	HARDSTAND GRADED AND DRAINED 1000SY		AS REQUIRED	.6	4	2	2641	148		53	201
187120BC	DRAINAGE HELIPORT,15 ACRES		1 IN./HR	1.0	25	27	17759	47		44	91
87210AA	FENCE,CHAIN LK.W/2 OUTRGRS 1 1000LF		PERIM FENCING	9.0	153	459	108666	1294		4140	5434
87210AF	GATE,CHAINLINK SING/LEAF 3 WI 10 HI		AS REQUIRED	2.0	2	4	558	14		28	42
87210AG	GATE,VEH CHAINL DBL/LEAF 12WI 10 HI		AS REQUIRED	2.0	2	4	802	16		35	51
87210AJ	FENCE,CORNER POST 10 FT HI CHAINLIN		AS REQUIRED	16.0			1744	184		147	331
					5524	5013	1026502	20440	3627	14901	38968

DDEXER4 RUN DATE 860207

DESERT CLIMATE

HELIPORT,ARMY,MIN REQTS FOR 37 AIRCRAFT,17 UH-1H AND 20 AG3134
OH-58A OF THE AVIATION CO.,CORPS,INSTALLATION DWG.SHEET 170F
65,INITIAL STD,SUPPORT AREA,GRADED AND
DRAINED,SURFACING HEAVY DUTY MEMBRANE,PERSONNEL FACIL-
ORGANIC TOE EQPT,REAL ESTATE REQT FOR INST-49 ACRES,REQD
FROM LOCAL SOURCE---COARSE AGGR,1188 CY,FINE AGGR,1004 CY,
MINERAL FILLER,449 CY,COMBAT BN CONSTR

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
111120AA	RUNWAY W/25 FT SHOULDERS,450 X 60		UH-1 AIRCRAFT	1.0	21	10	45603	324		173	497
111120AB	RUNWAY LENGTH CORRECTION,100 X 60		TEMP AND ALT	.0							
111120AC	RUNWAY OVERRUN,100 X 110 FT		UH-1 AIRCRAFT	2.0	6	4	4184	143		41	184
111120AD	APPROACH-DEPARTURE,1500X250-850 FT		UH-1 AIRCRAFT	4.0				538		345	883
111120AE	CLEAR AREA,1000 SY		AS REQUIRED	38.0	76	38	39748	1835		743	2578
111141AA	TAXI-HOVERLANE,450 X 180 FT		UH-1 AIRCRAFT	4.5	144	126	123804	2039		637	2676
111320AA	PARKING PAD,9EA 12 X 12 FT		OH-58 AIRCRAFT	2.3	2	7	15339	42		19	61
111320AB	PARKING PAD,4EA 20 X 20 FT		UH-1 AIRCRAFT	4.3	4	13	28187	99		45	144
111370AB	AIRCRAFT WASHING APRON,50 X 25 FT		1/INSTALLATION	1.0	1	3	6498	20		7	27
111371AB	DEFUEL/DECONTN APR,50 X 25 FT		1/INSTALLATION	1.0	1	3	6498	20		7	27
111380AA	AC LOADING APR,2EA 50 X 25 FT		UH-1 AIRCRAFT	2.0	2	6	13110	55		28	83
112110AC	HOT REFUELING PAD,2EA 50 X 50 FT		2/INSTALLATION	1.0	6	9	16704	44		28	72
12110AH	SUPPORT ACFT REFUELING 30000 G STOR		5 DAY SUPPLY	2.0	16	40	131052	350	267	736	1353
113315AA	AC CONTROL STATION,20 X 20 FT		1/INSTALLATION	1.0	3	2	15	7		1	8
113470AA	WIND DIRECTION INDICATOR		1/INSTALLATION	1.0			304		2	2	4
114111AA	FIRE AND RESCUE STATION,20 X 20 FT		1/INSTALLATION	1.0	3	2	15	7		1	8
142183AA	AMMUNITION STORAGE,700SF		AS REQUIRED	1.0				1		1	2
85110CK	ROAD PAVEMENT,CLASS C,6IN STBL 1MI		PROVIDE ACCESS	1.5	1004	678	5018	262		76	338
85110DG	HARDSTAND,APR,TXWY,OR RNWY 1000SQYD		AS REQUIRED	.2	20	14	100	6		2	8
85130KH	ROAD,CLASS C,GRADED AND DRAINED 1MI		PROVIDE ACCESS	1.5	18	9	10430	3022		1102	4124
85210AY	HARDSTAND GRADED AND DRAINED 1000SY		AS REQUIRED	.2	1	1	880	49		18	67
187120AC	DRAINAGE HELIPORT,11 ACRES		1 IN./HR	1.0				12		6	18
					1328	965	447489	8875	269	4018	13162

DDEXER4 RUN DATE 860207

DESERT CLIMATE

HELIPORT,ARMY,MIN REQTS FOR 37 AIRCRAFT,17 UH-1H AND 20 OH-58A OF THE AVIATION CO.,CORPS,INSTALLATION DWG.SHEET 18OF 65,INITIAL ALTERNATE STANDARD,SUPPORT AREA,GRADED AND DRAINED,SURFACING M8A1 LANDING MAT,PERSONNEL FACIL-TROOP CAMP INST NO NT1421,REAL ESTATE REQT FOR INST-94 ACRES,REQD FROM LOCAL SOURCE---COARSE AGGR,1822 CY,FINE AGGR,1539 CY, MINERAL FILLER,688 CY,COMBAT BN CONSTR AG3234

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR MANHOURS HORZ	CONSTR MANHOURS VERT	EFFORT IN MANHOURS GENL	EFFORT IN MANHOURS TOT
111120AC	RUNWAY OVERRUN,100 X 110 FT		CH-54 AIRCRAFT	2.0	6	4	4184	143		41	184
111120AD	APPROACH-DEPARTURE,1500X250-850 FT		CH-54 AIRCRAFT	4.0				538		345	883
111120AE	CLEAR AREA,1000 SY		AS REQUIRED	45.9	92	46	48011	2217		897	3114
111120BA	RUNWAY W/25 FT SHOULDERS,450 X 60		CH-54 AIRCRAFT	1.0	131	77	73348	342		328	670
111120BC	RUNWAY LENGTH CORRECTION,100 X 60		TEMP AND ALT	.0							
111141AA	TAXI-HOVERLANE,450 X 180 FT		CH-54 AIRCRAFT	5.0	160	140	137560	2266		707	2973
111210AB	TAXIWAY W/25 FT SHOULDERS,2000 X 40		CH-54 AIRCRAFT	.2	16	6	33263	240		126	366
111320BA	PARKING PAD,10EA 12 X 12 FT		OH-58 AIRCRAFT	2.0	20	16	17426	37		37	74
111320BB	PARKING PAD,4EA 20 X 20 FT		UH-1 AIRCRAFT	4.3	39	30	36976	89		94	183
111340BA	HANGAR ACCESS,105 X 100 FT		AS REQUIRED	1.0	47	35	36467	87		163	250
111370AB	AIRCRAFT WASHING APRON,50 X 25 FT		1/INSTALLATION	1.0	1	3	6498	20		7	27
111371AB	DEFUEL/DECONTN APR,50 X 25 FT		1/INSTALLATION	1.0	1	3	6498	20		7	27
111380BB	AC LOADING APR,4EA 50 X 25 FT		UH-1 AIRCRAFT	1.0	29	21	19627	58		58	116
111610AA	COMPASS SWING BASE,50 X 50 FT		1/INSTALLATION	1.0	1	3	6527	28		14	42
112110BC	HOT REFUELING PAD,2EA 50 X 50 FT		2/INSTALLATION	1.0	24	18	18418	58		58	116
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	1.0	1	1	1246	9	60	23	92
12630AA	LDG FACIL FOR TWO FUEL TRUCKS	2-STATION	AS REQUIRED	1.0	12	12	13862	173	374	1213	1760
613120BA	NAVIGATION AIDS BUILDING,24 X 24 FT		1/INSTALLATION	1.0	20	22	13194	7	346	329	682
113315BA	CONTROL TOWER LOW DENSITY TRAFFIC		1/INSTALLATION	1.0	16	21	4632	1	560	112	673
113470AA	WIND DIRECTION INDICATOR		1/INSTALLATION	1.0			304		2	2	4
14110BB	AFOPS BLDG 2160SF PNL WD BLDG W/ IN		1/INSTALLATION	1.0	170	953	96409	21	2151	610	2782
114111BA	FIRE AND RSQ STA,FAC NO.73010AC		1/INSTALLATION	1.0	192	283	39238	63	930	171	1164
114910AN	AIRCRAFT REVETMENT,IMPROVED,OH-58		OH-58 AIRCRAFT	20.0	220	160	56000		897	1633	2530
114910AR	AIRCRAFT REVETMENT,IMPROVED,UH-1D/H		UH-1 AIRCRAFT	17.0	255	204	66623		1036	1740	2776
121110BB	ORG MNT HANGAR,105 X 112 FT		UH-1 AIRCRAFT	1.0	79	156	257675	196		351	547
141120BA	FLAMMABLE STORAGE,12 X 24 FT		AS REQUIRED	1.0	14	13	3322	1		1	2
41180AF	TANK, POL, 1000 BARREL, W/6 IN PIPE	1000 BBL	5 DAY SUPPLY	1.0	1	14	8663	92	357	173	622
142183BA	AMMUNITION STORAGE,24 X 36 FT		AS REQUIRED	1.0	25	27	17138	1		1	2
85110CK	ROAD PAVEMENT,CLASS C,6IN STBL 1MI		PROVIDE ACCESS	2.3	1539	1040	7694	402		116	518
85110DG	HARDSTAND,APR,TXWY,OR RNWY 1000SQYD		AS REQUIRED	.4	40	27	200	12		5	17
85130KH	ROAD,CLASS C,GRADED AND DRAINED 1MI		PROVIDE ACCESS	2.3	28	14	15992	4634		1690	6324
85210AY	HARDSTAND GRADED AND DRAINED 1000SY		AS REQUIRED	.4	3	1	1761	99		35	134
187120BB	DRAINAGE HELIPORT,11 ACRES		1 IN./HR	1.0	14	17	9880	23		23	46
87210AD	CONCERTINA,TRIPLE TAPE TYP D 1000LF		SECUR FENCE	8.7	1018	609	17069	280		1121	1401
					4214	3976	1075705	12157	6713	12231	31101

DDEXER4 RUN DATE 860207

DESERT CLIMATE

HELIPORT,ARMY,MIN REQTS FOR 37 AIRCRAFT,17 UH-1H AND 20 OH-58A OF THE AVIATION CO.,CORPS,INSTALLATION DWG.SHEET 190F 65,TEMPORARY STD,SUPPORT AREA,GRADED AND DRAINED SURFACING BITUMINOUS PAVEMENT PERSONNEL FACIL-TROOP CAMP INST NO NT1621,REAL ESTATE REQT FOR INST-84 ACRES,REQD FROM LOCAL SOURCE---COARSE AGGR,2978 CY,FINE AGGR,1306 CY, MINERAL FILLER,418 CY,COMBAT BN AND SUP CO CONSTR AG3334

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
111120AD	APPROACH-DEPARTURE,1500X250-850 FT		CH-54 AIRCRAFT	4.0				538		345	883
111120AE	CLEAR AREA,1000 SY		AS REQUIRED	49.9	100	50	52195	2410		976	3386
111120BF	RUNWAY OVERRUN,100 X 125 FT		CH-54 AIRCRAFT	2.0	8	6	4882	166		46	212
111120CA	RUNWAY W/25 FT SHOULDERS,450 X 75		CH-54 AIRCRAFT	1.0	260	210	13615	455		189	644
111120CB	RUNWAY LENGTH CORRECTION,100 X 75		TEMP AND ALT	.0							
111141AA	TAXI-HOVERLANE,450 X 180 FT		CH-54 AIRCRAFT	4.8	154	134	132058	2175		679	2854
111210CB	TAXIWAY W/25 FT SHOULDERS,1000 X 40		CH-54 AIRCRAFT	.3	94	75	4946	217		85	302
111320CA	PARKING PAD,10EA 12 X 12 FT		OH-58 AIRCRAFT	2.0	22	18	654	281		55	336
111320CB	PARKING PAD,4EA 20 X 20 FT		UH-1 AIRCRAFT	4.3	56	43	1036	242		49	291
111340CA	HANGAR ACCESS,105 X 100 FT		AS REQUIRED	1.0	79	63	1056	118		32	150
111370CB	AIRCRAFT WASHING APRON,50 X 25 FT		1/INSTALLATION	1.0	10	8	139	26		6	32
111371CB	DEFUEL/DECONTN APR,50 X 25 FT		1/INSTALLATION	1.0	10	8	139	26		6	32
111380CB	AC LOADING APR,4EA 50 X 25 FT		4/INSTALLATION	1.0	38	30	598	81		20	101
111610CA	COMPASS SWING BASE,50 X 50 FT		1/INSTALLATION	1.0	14	11	211	99		29	128
112110CC	HOT REFUELING PAD,2EA 50 X 50 FT		2/INSTALLATION	1.0	38	32	2297	189		64	253
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	1.0	1	1	1246	9	60	23	92
12630AA	LDG FACIL FOR TWO FUEL TRUCKS	2-STATION	AS REQUIRED	1.0	12	12	13862	173	374	1213	1760
613120BA	NAVIGATION AIDS BUILDING,24 X 24 FT		1/INSTALLATION	1.0	20	22	13194	7	346	329	682
113315BA	CONTROL TOWER LOW DENSITY TRAFFIC		1/INSTALLATION	1.0	16	21	4632	1	560	112	673
113470AA	WIND DIRECTION INDICATOR		1/INSTALLATION	1.0			304		2	2	4
14110BB	AFOPS BLDG 2160SF PNL WD BLDG W/ IN		1/INSTALLATION	1.0	170	953	96409	21	2151	610	2782
114111BA	FIRE AND RSQ STA,FAC NO.73010AC		1/INSTALLATION	1.0	192	283	39238	63	930	171	1164
114910AN	AIRCRAFT REVETMENT,IMPROVED,OH-58		OH-58 AIRCRAFT	20.0	220	160	56000		897	1633	2530
114910AR	AIRCRAFT REVETMENT,IMPROVED,UH-1D/H		UH-1 AIRCRAFT	17.0	255	204	66623		1036	1740	2776
121110CB	ORG MNT HANGAR,105 X 112 FT		UH-1 AIRCRAFT	1.0	121	198	247180	189		244	433
141120BA	FLAMMABLE STORAGE,12 X 24 FT		AS REQUIRED	1.0	14	13	3322	1		1	2
41180AF	TANK, POL, 1000 BARREL, W/6 IN PIPE	1000 BBL	5 DAY SUPPLY	1.0	1	14	8663	92	357	173	622
142183BA	AMMUNITION STORAGE,24 X 36 FT		AS REQUIRED	1.0	25	27	17138	1		1	2
85110BT	ROAD CLASS C, 1@ MULTIPLE SURFACE		PROVIDE ACCESS	2.3	918	690	9628	447		79	526
85110CN	HARDSTAND,APR,TXWY,OR RNWY 1000SQYD		AS REQUIRED	.4	20	15	199	19		9	28
85130KH	ROAD,CLASS C,GRADED AND DRAINED 1MI		PROVIDE ACCESS	2.3	28	14	15992	4634		1690	6324
85210AY	HARDSTAND GRADED AND DRAINED 1000SY		AS REQUIRED	.4	3	1	1761	99		35	134
187120BB	DRAINAGE HELIPORT,11 ACRES		1 IN./HR	1.0	14	17	9880	23		23	46
87210AA	FENCE,CHAIN LK.W/2 OUTRGRS 1 1000LF		PERIM FENCING	9.0	153	459	108666	1294		4140	5434
87210AF	GATE,CHAINLINK SING/LEAF 3 WI 10 HI		AS REQUIRED	6.0	6	12	1674	41		83	124
87210AG	GATE,VEH CHAINL DBL/LEAF 12WI 10 HI		AS REQUIRED	7.0	7	14	2807	56		121	177
87210AJ	FENCE,CORNER POST 10 FT HI CHAINLIN		AS REQUIRED	14.0			1526	161		129	290
					3079	3818	933770	14354	6713	15142	36209

DDEXER4 RUN DATE 860207

DESERT CLIMATE

AIRCRAFT PARKING AND MAINTENANCE,COLLOCATED WITH AIRFORCE AIRFIELD,MIN FACILS FOR 18 AIRCRAFT,6 OV-1B AND 12 OV-1C OF THE MIL.INTEL.CO.,INSTALLATION DWG.SHEET 36 OF 65, INITIAL STD, SUPPORT AREA,GRADED AND DRAINED, SURFACING HEAVY DUTY MEMBRANE,PERSONNEL FACIL-ORGANIC TOE FOOT,REAL ESTATE REQT FOR INST-13 ACRES REQD FROM LOCAL SOURCE---COARSE AGGR,634 CY,FINE AGGR,536 CY,MINERAL FILLER, 12 G4134

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT HORZ	CONSTR EFFORT VERT	IN MANHOURS GENL	IN MANHOURS TOT
111120AE	CLEAR AREA,1000 SY			7.2	14	7	7531	348		141	489
111210AA	TAXIWAY W/25 FT SHOULDERS,500 X 30		OV-1 AIRCRAFT	.5	15	10	27302	141		78	219
111210AC	TAXIWAY W/25 FT SHOULDERS,50 X 50		OV-1 AIRCRAFT	2.0	4	6	15186	117		78	195
111310AA	FIXED-WING AC PARK APR W/TAXILANE		OV-1 AIRCRAFT	4.0	56	12	125640	534		276	810
111370AC	AIRCRAFT WASHING APRON,40 X 50 FT		1/INSTALLATION	1.0	1	3	6498	25		12	37
111371AC	DEFUEL/DECONTN APR,80 X 50 FT		1/INSTALLATION	1.0	3	5	12996	38		22	60
111382AA	SPECIAL PURPOSE APRON W/TAXILANE		OV-1 AIRCRAFT	1.0	16	4	35660	161		83	244
12110AH	SUPPORT ACFT REFUELING 30000 G STOR		5 DAY SUPPLY	2.0	16	40	131052	350	267	736	1353
142183AB	AMMUNITION STORAGE,2500SF		AS REQUIRED	.3				1		1	2
85110CK	ROAD PAVEMENT,CLASS C,6IN STBL 1MI		PROVIDE ACCESS	.8	535	362	2676	140		40	180
85110DG	HARDSTAND,APR,TXWY,OR RNWY 1000SQYD		AS REQUIRED	.4	40	27	200	12		5	17
85130KH	ROAD,CLASS C,GRADED AND DRAINED 1MI		PROVIDE ACCESS	.8	10	5	5562	1612		588	2200
85210AY	HARDSTAND GRADED AND DRAINED 1000SY		AS REQUIRED	.4	3	1	1761	99		35	134
187120AD	DRAINAGE FIXED-WING AC,11 ACRES		1 IN./HR	1.0				7		3	10
					713	482	372064	3585	267	2098	5950

DDEXER4 RUN DATE 860207

DESERT CLIMATE

AIRCRAFT PARKING AND MAINTENANCE,COLLOCATED WITH AIRFORCE AG4234
AIRFIELD,MIN FACILS FOR 18 AIRCRAFT,6 OV-1B,AND 12 OV-1C OF
THE MIL.INTEL.CO.,INSTALLATION DWG.SHEET 37 OF 65,
CLIMATE,INITIAL ALTERNATE STANDARD,SUPT AREA,GRADED, DRAINED
SURFACING M8A1 LANDING MAT PERSONNEL FACIL-TROOP CAMP INST
NO NT1421,REAL ESTATE REQT FOR INST-24 ACRES,REQD FROM LOCAL
SOURCE---COARSE AGGR,476 CY,FINE AGGR 402 CY,MINERAL FILLER,

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
111120AE	CLEAR AREA,1000 SY			9.0	18	9	9414	435		176	611
111210BA	TAXIWAY W/25 FT SHOULDERS,1000 X 30		OV-1 AIRCRAFT	.4	66	38	48913	227		215	442
111310BA	FIXED-WING AC PARK APR W/TAXILANE		OV-1 AIRCRAFT	4.1	381	209	210396	901		1075	1976
111340BC	HANGAR ACCESS,248 X 100 FT		AS REQUIRED	1.0	109	80	76893	231		417	648
111370AE	AIRCRAFT WASHING APRON,60 X 50 FT		1/INSTALLATION	1.0	1	3	6498	32		17	49
111371AC	DEFUEL/DECONTN APR,80 X 50 FT		1/INSTALLATION	1.0	3	5	12996	38		22	60
111382BA	SPECIAL PURPOSE APRON W/TAXILANE		OV-1 AIRCRAFT	1.0	110	60	62723	268		271	519
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	1.0	1	1	1246	9	60	23	92
12630AA	LDG FACIL FOR TWO FUEL TRUCKS	2-STATION	AS REQUIRED	1.0	12	12	13862	173	374	1213	1760
14110BB	AFOPS BLDG 2160SF PNL WD BLDG W/ IN		1/INSTALLATION	1.0	170	953	96409	21	2151	610	2782
121110BA	ORG MNT HANGAR,76 X 88 FT		OV-1 AIRCRAFT	3.0	138	240	451926	414		731	1145
141120BA	FLAMMABLE STORAGE,12 X 24 FT		AS REQUIRED	1.0	14	13	3322	1		1	2
41180AF	TANK, POL, 1000 BARREL, W/6 IN PIPE	1000 BBL	5 DAY SUPPLY	1.0	1	14	8663	92	357	173	622
142183BA	AMMUNITION STORAGE,24 X 36 FT		AS REQUIRED	1.0	25	27	17138	1		1	2
85110CK	ROAD PAVEMENT,CLASS C,6IN STBL 1MI		PROVIDE ACCESS	.6	401	271	2007	105		30	135
85110DG	HARDSTAND,APR,TXWY,OR RNWY 1000SQYD		AS REQUIRED	.4	40	27	200	12		5	17
85130KH	ROAD,CLASS C,GRADED AND DRAINED 1MI		PROVIDE ACCESS	.6	7	4	4172	1209		441	1650
85210AY	HARDSTAND GRADED AND DRAINED 1000SY		AS REQUIRED	.4	3	1	1761	99		35	134
187120BD	DRAINAGE FIXED-WING AC,14 ACRES		1 IN./HR	1.0	8	13	4391	10		12	22
87210AD	CONCERTINA,TRIPLE TAPE TYP D 1000LF		SECUR FENCE	4.0	468	280	7848	129		515	644
					1976	2260	1040778	4387	2942	5983	13312

DDEXER4 RUN DATE 860207

DESERT CLIMATE

AIRCRAFT PARKING AND MAINTENANCE,COLLOCATED WITH AIRFORCE AG4334
AIRFIELD,MIN FACILS FOR 18 AIRCRAFT,6 OV-1B,AND 12 OV-1C OF
THE MIL.INTEL.CO.,INSTALLATION DWG.SHEET 38 OF 65,
TEMPORARY STD,SUPPORT AREA,GRADED AND DRAINED,
SURFACING BITUMINOUS PAVEMENT,PERSONNEL FACIL-TROOP CAMP
INST NO NT1621,REAL ESTATE REQT FOR INST-24 ACRES,REQD FROM
LOCAL SOURCE---COARSE AGGR,2263 CY,FINE AGGR,1027 CY,MINERAL

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	GENL	TOT
111120AE	CLEAR AREA,1000 SY		OV-1 AIRCRAFT	9.1	18	9	9519	440		178	618
111210CA	TAXIWAY W/25 FT SHOULDERS,1000 X 30		OV-1 AIRCRAFT	.4	96	77	6200	271		104	375
111310CA	FIXED-WING AC PARK APR W/TAXILANE		OV-1 AIRCRAFT	4.1	623	496	14699	1051		358	1409
111340CC	HANGAR ACCESS,248 X 100 FT		AS REQUIRED	1.0	185	148	2479	231		66	297
111370CC	AIRCRAFT WASHING APRON,60 X 50 FT		1/INSTALLATION	1.0	23	18	302	39		9	48
111371CC	DEFUEL/DECONTN APR,80 X 50 FT		1/INSTALLATION	1.0	30	24	404	52		14	66
111382CA	SPECIAL PURPOSE APRON W/TAXILANE		OV-1 AIRCRAFT	1.0	181	144	4471	299		110	409
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	1.0	1	1	1246	9	60	23	92
12630AA	LDG FACIL FOR TWO FUEL TRUCKS	2-STATION	AS REQUIRED	1.0	12	12	13862	173	374	1213	1760
14110BB	AFOPS BLDG 2160SF PNL WD BLDG W/ IN		1/INSTALLATION	1.0	170	953	96409	21	2151	610	2782
121110CA	ORG MNT HANGAR,76 X 88 FT		OV-1 AIRCRAFT	3.0	213	315	434034	397		497	894
141120BA	FLAMMABLE STORAGE,12 X 24 FT		AS REQUIRED	1.0	14	13	3322	1		1	2
41180AF	TANK, POL, 1000 BARREL, W/6 IN PIPE	1000 BBL	5 DAY SUPPLY	1.0	1	14	8663	92	357	173	622
142183BA	AMMUNITION STORAGE,24 X 36 FT		AS REQUIRED	1.0	25	27	17138	1		1	2
85110BT	ROAD CLASS C, 1@ MULTIPLE SURFACE		PROVIDE ACCESS	.6	239	180	2512	117		21	138
85110CN	HARDSTAND,APR,TXWY,OR RNWY 1000SQYD		AS REQUIRED	.4	20	15	199	19		9	28
85130KH	ROAD,CLASS C,GRADED AND DRAINED 1MI		PROVIDE ACCESS	.6	7	4	4172	1209		441	1650
85210AY	HARDSTAND GRADED AND DRAINED 1000SY		AS REQUIRED	.4	3	1	1761	99		35	134
187120BD	DRAINAGE FIXED-WING AC,14 ACRES		1 IN./HR	1.0	8	13	4391	10		12	22
87210AA	FENCE,CHAIN LK.W/2 OUTRGRS 1 1000LF		PERIM FENCING	4.0	68	204	48296	575		1840	2415
87210AF	GATE,CHAINLINK SING/LEAF 3 WI 10 HI		AS REQUIRED	3.0	3	6	837	21		41	62
87210AG	GATE,VEH CHAINL DBL/LEAF 12WI 10 HI		AS REQUIRED	4.0	4	8	1604	32		69	101
87210AJ	FENCE,CORNER POST 10 FT HI CHAINLIN		AS REQUIRED	15.0			1635	173		138	311
(23)					1944	2682	678155	5332	2942	5963	14237

DDEXER4 RUN DATE 860207

DESERT CLIMATE

RUNWAY,ARMY,MIN.FACILITIES FOR C-130 ACRAFT INSTALLATION DWG AG5034
SHEET 39 OF 65,INITIAL ALTERNATE STD.,SUPPORT
AREA,GRADED AND DRAINED,SURFACING M8A1 LANDING MAT,REQD
FROM LOCAL SOURCES---COARSE AGGR,1030 CY,FINE AGGR,870 CY,
MINERAL FILLER,389 CY,COMBAT BN CONSTR

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
111110BA	RUNWAY W/40 FT SHOULDERS,1000 X 96		C-130 AIRCRAFT	3.5	1561	872	918162	3651		3574	7225
111110BB	RUNWAY LENGTH CORRECTION,100 X 96		TEMP AND ALT	.0							
111110BC	RUNWAY OVERRUN,300 X 96 FT		C-130 AIRCRAFT	2.0	16	12	11158	331		97	428
111110BD	RUNWAY TURNAROUND,2EA 200 X 52 FT		C-130 AIRCRAFT	1.0	91	49	49689	237		246	483
111110BE	ON-OFF TAXIWAY,100 X 36 FT		C-130 AIRCRAFT	6.0	114	66	78888	393		338	731
111110BF	APPROACH ZONE,32000X596-2500 FT		C-130 AIRCRAFT	2.0				184			184
111110BG	LANDING AREA GRADED-DRAINED,1000SY		AS REQUIRED	39.0	78	39	47580	2556		762	3318
111110BH	CLEAR ZONE,500X249-596 FT		C-130 AIRCRAFT	2.0	72	58	50212	504		281	785
111350BA	WARM-UP APRON,100 X 96 FT		C-130 AIRCRAFT	2.8	123	67	70459	335		486	821
85110CK	ROAD PAVEMENT,CLASS C,6IN STBL	1MI	AS REQUIRED	2.2	1472	994	7359	385		111	496
85130KH	ROAD,CLASS C,GRADED AND DRAINED	1MI	AS REQUIRED	2.2	26	13	15297	4433		1617	6050
187120BE	DRAINAGE FIXED-WING AC,9 ACRES		1 IN./HR	1.0	10	16	7773	25		23	48
87210AD	CONCERTINA,TRIPLE TAPE TYP D	1000LF	SECUR FENCE	11.9	1392	833	23348	383		1533	1916
					4955	3019	1279925	13417		9068	22485

DDEXER4 RUN DATE 860207

DESERT CLIMATE

RUNWAY,ARMY,MIN.FACILITIES FOR C-130 ACRAFT INSTALLATION DWG AG5044
SHEET 60 OF 65 TEMPORARY STD,REAR AREA,
GRADED AND DRAINED,SURFACING BITUMINOUS PAVEMENT,REQD FROM
LOCAL SOURCES---COARSE AGGR,18766 CY,FINE AGGR,9383 CY,
MINERAL FILLER,2540 CY,COMBAT BN AND SUP CO CONSTR

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	IN MANHOURS GENL	IN MANHOURS TOT
111110BG	LANDING AREA GRADED-DRAINED,1000SY			47.0	94	47	57340	3081		919	4000
111110CA	RUNWAY W/50 FT SHOULDERS,1000 X 150		C-130 AIRCRAFT	6.0	9348	7722	295476	12420		6231	18651
111110CB	RUNWAY LENGTH CORRECTION,100 X 150		TEMP AND ALT	.0							
111110CC	RUNWAY OVERRUN,500 X 150 FT		C-130 AIRCRAFT	2.0	42	34	28594	766		285	1051
111110CD	RUNWAY TURNAROUND,2EA 200 X 25 FT		C-130 AIRCRAFT	1.0	103	85	1567	205		64	269
111110CE	ON-OFF TAXIWAY,100 X 36 FT		C-130 AIRCRAFT	6.0	234	192	13206	800		297	1097
111110CF	APPROACH ZONE,32000X670-3500 FT		C-130 AIRCRAFT	2.0				184			184
111110CH	CLEAR ZONE,500X320-670 FT		C-130 AIRCRAFT	2.0	82	66	57536	593		331	924
111350CA	WARM-UP APRON,100 X 100 FT		C-130 AIRCRAFT	2.8	291	241	7356	551		167	718
85110AB	ROAD,CLASS A,1IN MULT. SURF.	1MI	AS REQUIRED	3.0	2328	1791	27264	1007		176	1183
85130AY	ROAD,CLASS A,GRADED AND DRAINED	1MI	AS REQUIRED	3.0	48	24	28476	8625		3467	12092
187120CA	DRAINAGE FIXED-WING AC,22 ACRES		1 IN./HR	1.0	27	35	15015	39		37	76
87210AA	FENCE,CHAIN LK,W/2 OUTRGRS 1	1000LF	PERIM FENCING	17.0	289	867	205258	2444		7820	10264
87210AF	GATE,CHAINLINK SING/LEAF 3 WI 10 HI		AS REQUIRED	2.0	2	4	558	14		28	42
87210AG	GATE,VEH CHAINL DBL/LEAF 12WI 10 HI		AS REQUIRED	2.0	2	4	802	16		35	51
87210AJ	FENCE,CORNER POST 10 FT HI CHAINLIN		AS REQUIRED	12.0			1308	138		110	248
					12890	11112	739756	30883		19967	50850

DDEXER4 RUN DATE 860207

DESERT CLIMATE

SIGNAL INTELEGENCE INSTALLATION,TEMPORARY STANDARD OF CONST RUCTION, DESERT CLIMATE. 400 MAN TROOP CAMP FACILITIES ARE INCLUDED. WOOD FRAME FACILITIES FOR SUPPORT AND PRE-ENG METAL FOR OPERATIONS,REQUIRES 39.65 ACRES,1597 CUBIC YARDS OF COARSE AGGR.,25000GPD WATER AND 7000GPD SEWAGE. CC1014

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	VERT	GENL	TOT
213120AR	SIGINT INST.OPERATIONS BLDG	8000SF	AS REQUIRED	1.0	47084	554107	23824757	547	7590	1359	9496
213120AT	SIGINT ELE/SUPLY BLDG 80X100FT TROP	8000SF	AS REQUIRED	1.0	47086	554109	23822550	547	7590	1359	9496
213120AU	SIGINT OPS/COMM BLDG 80X100FT TROP	8000SF	AS REQUIRED	1.0	47120	554147	23858123	547	7590	1359	9496
213120AV	SIGINT ELE/MAINT BLDG 80X100FT TROP	8000SF	AS REQUIRED	1.0	59187	554127	80605203	547	7590	1359	9496
21410GG	2400 SQ.FT. BUILDING GG WOOD		1PER INST	1.0	712	636	54627	423	3368	1102	4893
44110BA	STOREHOUSE WD FR BLDG 20X50X8	20X50X8FT	AS REQUIRED	1.0	22	27	4897	37	530	156	723
55010BC	DISP.TROOP,20X60 W/O WARD,WD W/INT		1 PER INST	1.0	34	48	12751				
161050BN	HQTRS & UNIT SUP BLDG 20X 40X8	20X40X8FT	AS REQUIRED	1.0	19	25	4628	32	496	92	620
172111AW	BRKS 50MAN 20X100 WOOD BLDG	20X100X8FT	72 SF PER MAN	8.0	360	440	74808	414	6909	1711	9034
72210GB	INT,KIT+DNG 5-11HD MAN 60X120FT D/T		1PER INSTAL	1.0	38	88	194536		3447	601	4048
173015ED	GUARD HOUSE WD FRAME BLDG W/INTER	20X60X8FT	AS REQUIRED	1.0	28	36	7290	32	531	129	692
174050AR	GUARD HOUSE WD FRAME BLDG W/INTER	20X60X8FT	1 PER INST	1.0	28	36	7290	32	531	129	692
181110CV	GEN PLANT 1.5 MW IN BLDGS TEMPERATE		AS REQUIRED	1.0	160	335	340318	104	6526	1426	8056
81242BE	ELECT DIST FOR SIGINT INST.	8000SF	AS REQUIRED	1.0	29174	332893	45114371	230	690	690	1610
83111BM	ELECT DIST FOR SIGINT INST.	8000SF	AS REQUIRED	1.0	29174	332893	45114371	230	690	690	1610
83140CC	CONVENT SEW LAG 2 ACRES W/O LINER		AS REQUIRED	2.0	114	236	54866	938	9009	607	10554
84120AB	WATER SUPLY WELL 200GPM&21MGAL STOR	500 BBL STR	AS REQUIRED	1.0	21	47	24204	557	148	253	958
84120AC	WATER TANK TOWER 4200 GAL W/ACCESOR	200 GAL	AS REQUIRED	1.0	9	22	7950		121	5	126
84140CC	WATER TANK TOWER 4200 GAL W/ACCESOR	200 GAL	AS REQUIRED	2.0	18	44	15900		242	9	251
84330AC	SUMP FIRE PROTECTION 10000 GAL	10000 GAL	AS REQUIRED	1.0	7	5	145	18	124	133	275
85110AL	ROAD PAVEMENT,CLASS A,CLD MIX BITUM		AS REQUIRED	.6	566	451	7608	226		83	309
85110BH	ROAD PAVEMENT,CLASS B,CLD MIX BITUM		AS REQUIRED	.1	82	65	1094	34		12	46
85110CJ	ROAD PAVEMENT,CLASS C,STAB SURFACE		AS REQUIRED	.6	265	179	1326	85		28	113
85110DB	HARDSTAND,CLD MIX BITUM,STAB BASE		AS REQUIRED	3.0	156	129	2337	121		41	162
85130AH	ROAD,CLASS A,GRADED AND DRAINED		AS REQUIRED	.6	2	4	1322	1419		591	2010
85130EM	ROAD,CLASS B,GRADED AND DRAINED 1MI		AS REQUIRED	.1		1	196	214		88	302
85130JT	ROAD,CLASS C,GRADED AND DRAINED 1MI		AS REQUIRED	.6	2	2	808	929		367	1296
187190AA	SITE PREPARATION,ONE ACRE		AS REQUIRED	39.7				4018		1461	5479
87210AB	FENCE,BARBED WIRE W/2 CTGR 1000LF		AS REQUIRED	2.0	12	16	3346	805	1380	1380	3565
87210AM	GATE,VEH SGL/LEAF 12 FT WI 10 FT HI		AS REQUIRED	4.0	8	8	4092	32	46	55	133
87210AP	SECURITY FENCE TYPE X 1000 FEET	1000 FEET	AS REQUIRED	8.0	64	72	13248	423	2337	2355	5115
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	2.0	4	4	664	18	276	110	404
87230AA	SENTRY BOX 4X4		AS REQUIRED	2.0			244	219	920	460	1599
					2615562	885232	43179870	13778	68681	20200	102659

DDEXER4 RUN DATE 860207

DESERT CLIMATE

SIGNAL INTELEGENCE STATION,TEMPORARY STANDARD OF CONSTRUCTION DESERT CLIMATE. 50 MAN TROOP CAMP FACILITIES ARE INCLUDED. WOOD FRAME FACILITIES FOR SUPPORT AND PRE ENGINEERED METAL FOR OPERATIONS REQUIRES 9.69 ACRES,157 CUBIC YARDS OF COARSE AGGR.2500GPD OF WATER.700GPD SEWAGE. CC1024

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	VERT	GENL	TOT
313120CC	SIGINT OPS/COMM 80X100FT FRIGID	8000SF	AS REQUIRED	1.0	47088	554123	23856419	547	7590	1359	9496
313120CD	SIGINT ELE/MAINT BLDG 80X100FT FRIG	8000SF	AS REQUIRED	1.0	59187	554127	80605203	547	7590	1359	9496
172111AW	BRKS SOMAN 20X100 WOOD BLDG	20X100X8FT	72SQFT PERMAN	2.0	90	110	18702	104	1727	428	2259
81242BF	ELECT. DIST. FOR SIGINT STATION	8000SF	AS REQUIRED	1.0	46648	231959	73694001	115	345	345	805
83111BK	ELECT. DIST. FOR SIGINT STATION	8000SF	AS REQUIRED	1.0	46648	231959	73694001	115	345	345	805
85110BM	ROAD PAVEMENT,CLASS B,STAB SURFACE		AS REQUIRED	.1	69	46	344	22		7	29
85130EM	ROAD,CLASS B,GRADED AND DRAINED 1MI		AS REQUIRED	.1		1	196	214		88	302
187190AA	SITE PREPARATION,ONE ACRE		AS REQUIRED	9.7				982		357	1339
87210AB	FENCE,BARBED WIRE W/2 OTGR 1000LF		AS REQUIRED	2.0	12	16	3346	805	1380	1380	3565
87210AM	GATE,VEH SGL/LEAF 12 FT WI 10 FT HI		AS REQUIRED	4.0	8	8	4092	32	46	55	133
87210AP	SECURITY FENCE TYPE X 1000 FEET	1000 FEET	AS REQUIRED	3.0	24	27	4968	159	876	883	1918
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	2.0	4	4	664	18	276	110	404
					1997781	572380	51881936	3660	20175	6716	30551

DESERT CLIMATE

AMMO STORAGE,12000 TON CAP.,DESERT CLIMATE,INITIAL STD. DA1064
DWG.DA1064 PROVIDES EARTH BARRICADED STORAGE ON PAVED HARD-
STANDS,HELIPORT,INTERNAL ROADS,LIGHTED SECURITY FENCE,20FTX
100FT OPER.BLDG.,20FTX20FT SUB-OPER.BLDGS.,GUARD TOWERS,
SENTRY BOXES AND PIT LATRINES.REQUIRES 1584.0 ACRES FOR IN-
STALL.PLUS 1142.0ACRES CONTROL AREA.ITEMS PROCURED LOCALLY
-282538CY FILL,28002CY COARSE AGG.,10183CY FINE AGG.,2637CY

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
11130AA	HELIPORT,C47 SLINGOUT AREA		AS REQD.	1.0	11	7	6894	1195		558	1753
14930AA	EARTH BARRICADE,AMMO STORAGE,100LF		AS REQD.	146.5			58454	4380		4717	9097
44110BE	STOREHOUSE WD FR BLDG 20X20X8	20X20X8FT	90SF/MAN	3.0	30	33	5829	79	904	183	1166
161050BP	HQTRS & UNIT SUP BLDG 20X100X8	20X100X8FT	90SF/MAN	1.0	44	60	11736	75	1459	311	1845
72321BB	LATRINE,PIT TYPE,2 SEATS,4X5X8,WOOD	5X4X8FT	AS REQD.	7.0	7	7	658		322	64	386
72321BD	LAT PIT TYPE 160MAN 8 SEATS 10X20	10X20X8	160EM OR 80FF	1.0	8	9	1559	2	230	37	269
81240GC	ELECTRICAL DISTRIBUTION SYSTEM, ONE	1 MILE \ 2	AS REQD.	8.8	158	167	72934	1366	11436	6780	19582
81260AE	TRANSFORMER ASSY 5KVA SGL PHASE CSP		AS REQD.	33.0	33	33	27654		1822		1822
81260AG	SP XFMR ASSY 15KVA 1PH 4160-120/240		AS REQD.	1.0	1	1	731		60		60
81260BB	SP XFMR ASSY 225 KVA 4160-208Y/120		AS REQD.	1.0	3	3	3491		120		120
85110AC	ROAD PAVEMENT,CLASS A,HOT MIX BITUM		AS REQD.	8.5	8033	6401	107253	3304		1173	4477
85110BU	ROAD PAVEMENT,CLASS C,HOT MIX BITUM		AS REQD.	2.7	1409	1110	17688	618		224	842
85110CP	HARDSTAND,HOT MIX BITUM,STAB BASE		AS REQD.	23.9	1243	1028	18546	989		330	1319
85110DF	HARDSTAND,STAB SURF,1000SQ YD, 4 IN		AS REQD.	5.7	239	160	1197	157		52	209
85111AD	RDWY PVMT HVY WH BSC 1MI 3IN ASPH		AS REQD.	1.5	1508	1206	20222	680		254	934
85111AP	RDWY PVMT HVY WH 2FT INCR 3IN ASPH		AS REQD.	18.0	2394	1980	35874	1180		476	1656
85111EB	RDWY HVY WH BSC 4FT SHLDRS 12IN THK		AS REQD.	1.5	5	5	2316	745		216	961
85111EM	RDWY HVY WH 2FT INCR 12IN THK		AS REQD.	18.0			1980	1056		228	1284
85111KB	HDSTD HVY WH 1000SY 4FT SHLDR 12IN		AS REQD.	45.0	90	90	33075	2950		569	3519
85130AK	ROAD,CLASS A,GRADED AND DRAINED		AS REQD.	8.5	34	34	16881	10704		3734	14438
85130JV	ROAD,CLASS C,GRADED AND DRAINED 1MI		AS REQD.	2.7	5	5	3278	2484		817	3301
85210AK	HARDSTAND,1000 SQ YDS,NO ROCK		AS REQD.	29.6	89	30	49314	2451		885	3336
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQD.	8.0	16	16	2656	74	1104	442	1620
87210AU	SECURITY FENCE, TYPE X CONVERTED TO	1000 FEET	AS REQD.	38.1	38	38	57074		9464		9464
87230AA	SENTRY BOX 4X4		AS REQD.	3.0			366	328	1380	690	2398
					15398	12423	557660	34817	28301	22740	85858

DESERT CLIMATE

AMMO STORAGE,35000 TON CAP.,DESERT CLIMATE,INITIAL STD. DA1074
DWG.DA1074 PROVIDES EARTH BARRICADED STORAGE ON PAVED HARD-
STANDS,HELIPORT,INTERNAL ROADS,LIGHTED SECURITY FENCE,20FTX
100FT OPER.BLDGS.,20FTX20FT SUB-OPER.BLDGS.,GUARD TOWERS,
SENTRY BOXES AND PIT LATRINES.REQUIRES 1732.0 ACRES FOR IN-
STALL.PLUS 1414.0 ACRES CONTROL AREA.ITEMS PROCURED LOCALLY
,541167CY FILL,42196CY COARSE AGG.,17895CY FINE AGG.,5094CY

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	GENL	TOT
11130AA	HELIPORT,C47 SLINGOUT AREA		AS REQD.	1.0	11	7	6896	1195		558	1753
14930AA	EARTH BARRICADE,AMMO STORAGE,100LF		AS REQD.	279.0			111321	8342		8984	17326
44110BE	STOREHOUSE WD FR BLDG 20X20X8	20X20X8FT	90SF/MAN	3.0	30	33	5829	79	904	183	1166
161050BP	HQTRS & UNIT SUP BLDG 20X100X8	20X100X8FT	90SF/MAN	2.0	88	120	23472	150	2919	621	3690
72321BB	LATRINE,PIT TYPE,2 SEATS,4X5X8,WOOD	5X4X8FT	AS REQD.	12.0	12	12	1128		552	110	662
72321BD	LAT PIT TYPE 160MAN 8 SEATS 10X20	10X20X8	160EM OR 80FF	1.0	8	9	1559	2	230	37	269
81260GC	ELECTRICAL DISTRIBUTION SYSTEM, ONE	1 MILE \ 2	AS REQD.	9.3	167	177	77078	1444	12085	7166	20695
81260AE	TRANSFORMER ASSY 5KVA SGL PHASE CSP		AS REQD.	35.0	35	35	29330		1932		1932
81260AH	SP XFMR ASSY 25KVA 1PH 4160-120/240		AS REQD.	1.0	1	1	668		63		63
81260BA	SP XFMR ASSY 150 KVA 4160-208Y/120		AS REQD.	1.0	2	2	2674		112		112
81260BB	SP XFMR ASSY 225 KVA 4160-208Y/120		AS REQD.	1.0	3	3	3491		120		120
85110AC	ROAD PAVEMENT,CLASS A,HOT MIX BITUM		AS REQD.	8.0	7560	6024	100944	3110		1104	4214
85110BU	ROAD PAVEMENT,CLASS C,HOT MIX BITUM		AS REQD.	3.6	1775	1397	22273	278		282	1060
85110CP	HARDSTAND,HOT MIX BITUM,STAB BASE		AS REQD.	37.1	1929	1595	28790	1536		512	2048
85110DF	HARDSTAND,STAB SURF,1000SQ YD, 4 IN		AS REQD.	5.7	239	160	1197	157		52	209
85111AD	RDWY PVMT HVY WH BSC 1MI 3IN ASPH		AS REQD.	3.0	3015	2412	40443	1359		507	1866
85111AP	RDWY PVMT HVY WH 2FT INCR 3IN ASPH		AS REQD.	18.0	2394	1980	35874	1180		476	1656
85111EB	RDWY HVY WH BSC 4FT SHLDRS 12IN THK		AS REQD.	3.0	9	9	4632	1490		431	1921
85111EM	RDWY HVY WH 2FT INCR 12IN THK		AS REQD.	18.0			1980	1056		228	1284
85111KB	HDSTD HVY WH 1000SY 4FT SHLDR 12IN		AS REQD.	110.3	221	221	81071	7230		1395	8625
85130AK	ROAD,CLASS A,GRADED AND DRAINED		AS REQD.	8.0	32	32	15888	10074		3514	13588
85130JV	ROAD,CLASS C,GRADED AND DRAINED 1MI		AS REQD.	3.4	7	7	4128	3128		1028	4156
85210AK	HARDSTAND,1000 SQ YDS,NO ROCK		AS REQD.	42.8	128	43	71305	3544		1280	4824
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQD.	8.0	16	16	2656	74	1104	442	1620
87210AU	SECURITY FENCE, TYPE X CONVERTED TO	1000 FEET	AS REQD.	40.8	41	41	61118		10135		10135
87230AA	SENTRY BOX 4X4		AS REQD.	3.0			366	328	1380	690	2398
					17723	14336	736109	46256	31536	29600	107392

DESERT CLIMATE

AMMO STORAGE,70000 TON CAP.,DESERT CLIMATE,INITIAL STD. DA1084
DWG.DA1084 PROVIDES EARTH BARRICADED STORAGE ON PAVED HARD-
STANDS,HELIPORT,INTERNAL RDS.,LIGHTED SECURITY FENCE,50000SF
OPER.BLDG.,20FTX20FT SUB-OPER.BLDGS.,GUARD TOWERS,SENTRY
BOXES AND PIT LATRINES.REQUIRES 2117.0 ACRES FOR INSTALL.
PLUS 1761.0 ACRES CONTROL AREA.ITEMS PROCUREDLOCALLY,
990998 CY FILL,50088CY COARSE AGG.,23328CY FINE AGG.,7023CY

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
11130AA	HELIPORT,C47 SLINGOUT AREA		AS REQD.	1.0	11	7	6894	1195		558	1753
14930AA	EARTH BARRICADE,AMMO STORAGE,100LF		AS REQD.	514.1			205126	15372		16554	31926
44110BE	STOREHOUSE WD FR BLDG 20X20X8	20X20X8FT	90SF/MAN	3.0	30	33	5829	79	906	183	1166
161050BW	ADMIN SUP BLDG,WD FR,30FTX70FTX8FT		90SF/MAN	1.0	47	54	8948	58	1064	219	1341
161050BY	ADMIN SUP BLDG,WD FR 30FTX50FTX8FT		90SF/MAN	2.0	70	78	13098	81	1840	322	2243
72321BB	LATRINE,PIT TYPE,2 SEATS,4X5X8,WOOD	5X4X8FT	AS REQD.	14.0	14	14	1316		644	129	773
72321BD	LAT PIT TYPE 160MAN 8 SEATS 10X20	10X20X8	160EM OR 800F	1.0	8	9	1559	2	230	37	269
81240GC	ELECTRICAL DISTRIBUTION SYSTEM, ONE	1 MILE \ 2	AS REQD.	9.4	169	179	77907	1459	12215	7243	20917
81260AE	TRANSFORMER ASSY 5KVA SGL PHASE CSP		AS REQD.	37.0	37	37	31006		2042		2042
81260AH	SP XFMR ASSY 25KVA 1PH 4160-120/240		AS REQD.	1.0	1	1	668		63		63
81260BA	SP XFMR ASSY 150 KVA 4160-208Y/120		AS REQD.	1.0	2	2	2674		112		112
81260BB	SP XFMR ASSY 225 KVA 4160-208Y/120		AS REQD.	1.0	3	3	3491		120		120
85110AC	ROAD PAVEMENT,CLASS A,HOT MIX BITUM		AS REQD.	8.4	7938	6325	105991	3265		1159	4424
85110BU	ROAD PAVEMENT,CLASS C,HOT MIX BITUM		AS REQD.	3.9	2036	1603	25549	893		323	1216
85110CP	HARDSTAND,HOT MIX BITUM,STAB BASE		AS REQD.	40.6	2111	1746	31506	1681		560	2241
85110DF	HARDSTAND,STAB SURF,1000SQ YD, 4 IN		AS REQD.	5.7	239	160	1197	157		52	209
85111AD	RDWY PVMT HVY WH BSC 1MI 3IN ASPH		AS REQD.	5.2	5226	4181	70101	2356		879	3235
85111AP	RDWY PVMT HVY WH 2FT INCR 3IN ASPH		AS REQD.	18.0	2394	1980	35874	1180		476	1656
85111EB	RDWY HVY WH BSC 4FT SHLDRS 12IN THK		AS REQD.	5.2	16	16	8029	2583		748	3331
85111EM	RDWY HVY WH 2FT INCR 12IN THK		AS REQD.	18.0			1980	1056		228	1284
85111KB	HDSTD HVY WH 1000SY 4FT SHLDR 12IN		AS REQD.	156.7	313	313	115175	10272		1982	12254
85130AK	ROAD,CLASS A,GRADED AND DRAINED		AS REQD.	8.4	34	34	16682	10578		3690	14268
85130JV	ROAD,CLASS C,GRADED AND DRAINED 1MI		AS REQD.	3.9	8	8	4735	3588		1180	4768
85210AK	HARDSTAND,1000 SQ YDS,NO ROCK		AS REQD.	46.3	139	46	77136	3834		1384	5218
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQD.	8.0	16	16	2656	74	1104	442	1620
87210AU	SECURITY FENCE, TYPE X CONVERTED TO	1000 FEET	AS REQD.	41.5	42	42	62167		10309		10309
87230AA	SENTRY BOX 4X4		AS REQD.	3.0			366	328	1380	690	2398
					20904	16887	917660	60091	32027	39038	131156

DDEXER4 RUN DATE 860207

DESERT CLIMATE

AMMO STORAGE,3500 TON CAP.,DESERT CLIMATE,INITIAL STD. DA1094
DWG.DA1094 PROVIDES UNBARRICADED STORAGE ON GRAVEL HARDSTAND
,HELIPORT AND INTERNAL GRAVEL ROADS.REQUIRES 1093 ACRES FOR
INSTALLATION PLUS 1331 ACRES CONTROL AREA.ITEMS PROCURED
LOCALLY,960CY COARSE AGG.,807CY FINE AGG.,365CY MINERAL
FILLER.

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT MANHRS	CONSTR EFFORT VERT	IN MANHOURS ENL	IN MANHOURS TOT
11130AA	HELIPORT,C47 BLINEOUT AREA		1/INST.	1.0	11	7	6896	1195		556	1751
85110DF	HARDSTAND,STAB SURF,100SQ YD, 4 IN		AS REQD.	19.2	806	538	4032	530		177	707
85210AK	HARDSTAND,1000 SQ YDS,NO ROCK		AS REQD.	19.2	58	19	31987	1590		574	2164
					875	564	42913	3315		1309	4624

DESERT CLIMATE

STORAGE,DRY CARGO, 50000 SF OPEN,ALL CLIMATES,STD 2, DC1169
NEW CONST,TENTAGE. PROVIDES 50000 SF STORAGE SPACE ON
EARTH,GRADED AND DRAINED. ADMINISTRATION IN TENT ERECTED
BY USING SERVICE,PIT TYPE LATRINES. MINIMUM REAL ESTATE
REQUIREMENT FOR INSTALLATION 7.4 ACRES,REQUIRED FROM LOCAL
SOURCE - FINE AGGREGATE,6 CY,COARSE AGGREGATE,7 CY.

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	COST	CONSTR EFFORT IN MANHOURS HORZ	VERT	GENL	TOT
72321BD	LAT PIT TYPE 160MAN 8 SEATS 10X20	10X20X8	160 EM	1.0	8	9	1559	2	230	37	269
72520AA	TENTAGE,MED GEN PURP,32FTX16FT	10-16X32	ADMIN	.1		1	1170			5	5
84330AC	SUMP FIRE PROTECTION 10000 GAL	10000 GAL	EFF RAD 500FT	1.0	7	5	145	18	124	133	275
					15	15	2874	20	354	175	549

DESERT CLIMATE

DC1179

STORAGE,DRY CARGO, 50000 SF OPEN,ALL CLIMATES,STD 4,
NEW CONST,TENTAGE. PROVIDES 50000 SF STORAGE SPACE ON
6 INCHES STABALIZED STONE W/ASPHALT BINDER. ADMIN. IN TENT
ERECTED BY USING SERVICE. PIT TYPE LATRINES.MIN. REAL ESTATE
REQUIREMENT FOR INSTALLATION--7.4 ACRES,REQUIRED FROM LOCAL
SOURCE = FINE AGGREGATE,1009 CY,COARSE AGGREGATE,1285 CY.

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS MT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT MANHOURS HORZ	CONSTR EFFORT MANHOURS VERT	IN MANHOURS GENL	IN MANHOURS TOT
72321BD	LAT PIT TYPE 16MAN 8 SEATS 10X20	10X20X8	160 EM	1.0	8	8	1658	2	230	37	269
										9	9
72520AA	TENTAGE,MED GEN PURP,32FTX16FT	10-16X32	ADMIN	.1		1	1170				
84330AC	SUMP FIRE PROTECTION 10000 GAL	10000 GAL	EFF RAD 500FT	1.0	7	6	145	18	124	133	275
					15	15	2874	20	354	175	549

DESERT CLIMATE

STORAGE,DRY CARGO,100000 SF OPEN,ALL CLIMATES,STD 2, DC1189
NEW CONST,TENTAGE. PROVIDES 100000 SF STORAGE SPACE ON
EARTH,GRADED AND DRAINED. ADMINISTRATION IN TENT ERECTED
BY USING SERVICE,PIT TYPE LATRINES. MINIMUM REAL ESTATE
REQUIREMENT FOR INSTALLATION 11.8 ACRES,REQUIRED FROM LOCAL
SOURCE - FINE AGGREGATE,6 CY,COARSE AGGREGATE,7 CY.

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
72321BD	LAT PIT TYPE 16OMAN 8 SEATS 10X20	10X20X8	16O EM	1.0	8	9	1559	2	230	37	269
72520AA	TENTAGE,MED GEN PURP,32FTX16FT	10-16X32	ADMIN	.1		1	1170			5	5
84330AC	SUMP FIRE PROTECTION 10000 GAL	10000 GAL	EFF RAD 500FT	1.0	7	5	145	18	124	133	275
					15	15	2874	20	354	175	549

DESERT CLIMATE

DC1199

STORAGE,DRY CARGO,100000 SF OPEN,ALL CLIMATES,STD 4,
NEW CONST,TENTAGE. PROVIDES 100000 SF STORAGE SPACE ON 6 IN.
STAB. STONE W/ASPHALT BINDER. ADMINISTRATION IN TENT ERECTED
BY USING SERVICE,PIT TYPE LATRINES. MINIMUM REAL ESTATE
REQUIREMENT FOR INSTALLATION 11.8 ACRES,REQUIRED FROM LOCAL
SOURCE - FINE AGGREGATE, 1919 CY,COARSE AGGREGATE,2377 CY.

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MI	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
72321BD	LAT PIT TYPE 160MAN 8 SEATS 10X20	10X20X8	160 EM	1.0	8	9	1559	2	230	37	269
			ADMIN	.1		1	1170			5	5
72520AA	TENTAGE,MED GEN PURP,32FTX16FT	10-16X32	EFF RAD 500FT	1.0	7	5	165	18	124	133	275
84330AC	SUMP FIRE PROTECTION 10000 GAL	10000 GAL									
					15	15	2874	20	354	175	549

DESERT CLIMATE

STORAGE,DRY CARGO,200000 SF OPEN,ALL CLIMATES,STD 2, DC1209
NEW CONST,TENTAGE. PROVIDES 200000 SF STORAGE SPACE ON EARTH,GRADED AND DRAINED. ADMINISTRATION IN TENT ERECTED BY USING SERVICE,PIT TYPE LATRINES. MINIMUM REAL ESTATE REQUIREMENT FOR INSTALLATION 24.2 ACRES,REQUIRED FROM LOCAL SOURCE - FINE AGGREGATE,11 CY,COARSE AGGREGATE,12 CY.

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
72321BD	LAT PIT TYPE 160MAN 8 SEATS 10X20	10X20X8	160 EM	2.0	16	18	3118	5	460	74	539
72520AA	TENTAGE,MED GEN PURP,32FTX16FT	10-16X32	ADMIN	.1		1	1170			5	5
84330AC	SUMP FIRE PROTECTION 10000 GAL	10000 GAL	EFF RAD 500FT	2.0	14	10	290	37	248	267	552
					30	29	4578	42	708	346	1096

DESERT CLIMATE DC1219

STORAGE,DRY CARGO,200000 SF OPEN,ALL CLIMATES,STD 4,
MEM CONST,TENTAGE. PROVIDES 200000 SF STORAGE SPACE ON 6 IN.
STAB. STONE W/ASPHALT BINDER. ADMINISTRATION IN TENT ERECTED
BY USING SERVICE,PIT TYPE LATRINES. MINIMUM REAL ESTATE
REQUIREMENT FOR INSTALLATION 24.2 ACRES,REQUIRED FROM LOCAL
SOURCE - FINE AGGREGATE,3800 CY,COARSE AGGREGATE,4690 CY.

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
72321BD	LAT PIT TYPE 160MAN 8 SEATS 10X20	10X20X8	160 EM	2.0	16	18	3118	5	460	74	539
			ADMIN	.1		1	1170			5	5
72520AA	TENTAGE,MED GEN PURP,32FTX16FT	10-16X32	EFF RAD 500FT	2.0	14	10	290	37	248	267	552
84330AC	SUMP FIRE PROTECTION 10000 GAL	10000 GAL			30	29	4578	42	708	346	1096

DESERT CLIMATE

MARINE RAILWAY REPAIR, TEMPORARY CONSTRUCTION STANDARD, WOOD FRAME BLDGS. PROVIDES 500-TON AND 1800-TON MARINE RAILWAYS WITH REPAIR AND MAINTENANCE SHOPS. REQUIRES 2 ACRES. AGGREGATE REQUIRED 352-CY FINE, 517-CY COARSE. UTILITIES REQUIRED BUT NOT PROVIDED 62.0 KW ELEC CONNECTED LOAD. FP1005

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
121330AE	SHOP MARINE REP 60X180X20,WD FR		MAINT&PRODUCTN	1.0	393	573	358729	208	9373	820	10401
44110BE	STOREHOUSE WD FR BLDG 20X20X8	20X20X8FT	FOR WINCHES	1.0	10	11	1943	26	301	61	388
144110BF	STOREHOUSE WD FR BLDG 20X30X8	20X30X8FT	FOR WINCHES	1.0	14	16	2671	28	330	83	441
161050BP	HQTRS & UNIT SUP BLDG 20X100X8	20X100X8FT	80 SF/MAN	1.0	44	60	11736	75	1459	311	1845
81240AG	ELEC DISTR W/FLDLTG MARINE RWAY RPR		BLD & DOCK	1.0	5	7	6589	58	920	403	1381
187190AA	SITE PREPARATION,ONE ACRE		REQUIRED AREA	2.0				202		74	276
					466	667	379668	597	12383	1752	14732

DESERT CLIMATE

GENERAL CARGO PORT-CONTAINER,BREAKBULK,RO-RO,LIGHTERAGE & PORTS SERVICE VESSEL PIERS LST RAMP ON SHORE SUPPORTING FACILITIES,PIERS&CAUSEWAY FOR 20FT TIDE RANGE-GROUND SLOPE 15-PERCENT,BERTHING,RAMP & ONSHORE SUPPORTING FACILITIES FOR CAPACITY UP TO 14,880 TONS PER DAY, REQUIRES 300 ACRES, 1000 MAN TROOP CAMP(NT3611/NT1531) " 10 BAY MAINT. INSI. (MT1081/MT2008),ALL UTILITIES INCLUDED WITH INSTALLATION. FP1105

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	IN MANHOURS GENL	IN MANHOURS TOT
11130AB	HELIPD,CH54,PAD/APPR/DEP,1-1/2IN HM		CH 54	1.0	152	120	3797	18		41	59
11121OCB	TAXIWAY W/25 FT SHOULDERS,1000 X 40			.1	31	25	1649	72		28	100
12110AL	SPRT ACFT REFLNG 30000 G W/MANIFOLD	2		4.0	28	64	221056	736	644	1619	2999
12630AA	LDG FACIL FOR TWO FUEL TRUCKS	2-STATION		1.0	12	12	13862	173	374	1213	1760
14970AF	RAMP FOR LANDING CRAFT			1.0				207	58	288	553
15150EL	CONTAINER PIER,TRESTLE,& CAUSEWAY			1.0	13100	18399	23001817	7710	29711	12090	49511
15150EN	BREAKBULK-RO/RO PIER,TRESTLE & CWY.			1.0	16744	24253	34619662	8418	36398	15719	60535
15150EP	LIGHTERAGE PIER,TRESTLE & CAUSEWAY			1.0	6649	6888	5644858	2423	7151	3223	12797
15150ER	SERVICE PIER,TRESTLE,& CAUSEWAY			1.0	6605	6468	5688110	2745	6079	2044	10868
15150ET	PORT-SERVICE PIERS,TRESTLE & CWY.			1.0	10467	21662	17927489	2530	6916	2126	11572
121330AD	SHOP MARINE REP 40X100X12,STL FR			1.0	42	212	42634	308	3830	1904	6042
21410BY	VEH WASH RACK			5.0	105	75	7990	23	339	472	834
41180AE	TANK POL 1000 BARREL 3/4 IN PIPE	1000 BBL		2.0	2	26	18516	184	736	299	1219
44110AL	STOREHOUSE STL FR BLDG 20X50X8	20X50X8FT	AS REQUIRED	1.0	10	56	11736	31	370	190	591
44110AP	WHSE CLOSED STL FR 80X220X12	80X220X12FT	AS REQUIRED	1.0	231	350	151045	342	3338	2144	5824
161050BH	ADMINISTRATION,HEADQUARTERS BLDG,ST	5000SF		2.0	36	94	61686	301	4018	1622	5941
161050CB	ADMIN.SUPPORT BLDG.30X50FT.ST FRAME		90 SF/OCCUP.	2.0	24	46	31480	81	1610	299	1990
72321BD	LAT PIT TYPE 160MAN 8 SEATS 10X20	10X20X8		5.0	40	45	7795	12	1150	184	1346
373010AC	FS 6144SF WD FR BLDG OP-A W/ INTER			1.0	192	283	39238	141	5545	882	6568
81110AG	GEN PLANT 300 KW 208Y/120 V OUTDOOR	20X 20X8		1.0	24	40	47996		1181	28	1209
181110DF	GEN PLANT 10.5 MW IN VANS TEMPERATE		1000 REEFERS	1.0	539	1205	1971219	307	7998	2990	11295
81240GE	LIGHTING-CONTAINERS-GEN,CARGO PORT			1.0	713	949	2829933	1617	41400	2300	45317
81240GF	AREA ILLUMINATION-GEN,CARGO PORT			1.0	27	30	93469	64	1352		1416
81240GG	AERIAL DISTRIBUTION-GEN,CARGO PORT			1.0	29	23	60429	18	1840		1858
81240GH	FIRE PUMP STATION-GEN,CARGO PORT			1.0	10	19	53428	28	938		966
81240GJ	PIERS-FEEDERS&EQPT-GEN,CARGO PORT			1.0	27	57	103840	75	1665		1740
82209AA	STEAM SYSTEM-GEN CARGO PORT ONSHORE			1.0	19	125	47913	676	2329	1352	4357
82209AB	STEAM SYSTEM-BRKBLK/RO-RO PIER			1.0	19	133	64284	856	1978	1334	4168
82209AC	STEAM SYSTEM CONTAINER PIER			1.0	23	95	50430	559	1312	874	2745
83210AA	SANITARY SYST-GEN CARGO PORT-SHORE			1.0	3	21	21840		869	435	1304
84120AD	WATER TANK TOWER 10500 GAL W/ACCESS	10,500 GAL		1.0	8	18	7415		276		276
84210GA	PORTABLE WATER SYST-GEN CARGO SHORE		1000 MAN	1.0	12	245	1548649		3802	3802	7604
84330AF	FIRE WATER SYSTEM-GEN,CARGO ONSHORE			1.0	206	222	570022	2001	3843	2001	7845
84330AG	FIRE WATER SYSTEM-LIGHTERAGE PIER			1.0	7	22	11820	138	227	186	551
84330AH	FIRE WATER SYST.-BRKBLK/RO-RO PIER			1.0	53	185	242806	559	1601	1093	3253
84330AJ	FIRE WATER SYSTEM-SERVICE PIERS			1.0	12	35	22625	184	458	423	1065

DESERT CLIMATE

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
84330AK	FIRE WATER SYSTEM-CONTAINER PIER			1.0	38	320	144298	462	1369	995	2826
84520AA	SEAWATER SYST-GEN CARGO PORT-SHORE			1.0	1	4	3484		313	313	626
84520AB	SEAWATER SYS.-BRKBLK/RO-RO PIER			1.0	1	6	6786	48	269	216	533
85110CN	HARDSTAND,APR,TXWY,OR RNWY 1000SQYD			95.4	4865	3625	47509	4608		2194	6802
85110ER	ROAD PAVEMENT,CLASS B,CLD MIX BITUM			25.2	15952	14742	407484	17156		13708	30864
85111AD	RDWY PVMT HVY WH BSC 1MI 3IN ASPH		AS REQUIRED	3.1	3116	2492	41791	1405		524	1929
85111AP	RDWY PVMT HVY WH 2FT INCR 3IN ASPH		AS REQUIRED	36.0	4788	3960	71748	2360		952	3312
85111ED	RDWY HVY WH BSC 4FT SHLDRS 24IN THK		AS REQUIRED	1.0	4	3	1765	799		278	1077
85111EE	RDWY HVY WH BSC 4FT SHLDRS 30IN THK		AS REQUIRED	2.1	8	6	3938	1963		720	2683
85111EP	RDWY HVY WH 2FT INCR 24IN THK		AS REQUIRED	12.0			1320	925		276	1201
85111FB	HDSTD PVMT HVY WH 1000SY 3IN ASPH		AS REQUIRED	11.8	850	708	13924	719		285	1004
85111FD	HDSTD PVMT HVY WH 1000SY 3IN ASPH		AS REQUIRED	406.9	35400	29297	541991	31352		11230	42582
85111KA	HDSTD HVY WH 1000SY 4FT SHLDR 6IN		AS REQUIRED	11.8	24	12	8520	516		95	611
85111KD	HDSTD HVY WH 1000SY 4FT SHLDR 24IN		AS REQUIRED	128.6	257	257	97736	14937		3254	18191
85111KE	HDSTD HVY WH 1000SY 4FT SHLDR 30IN		AS REQUIRED	278.3	557	557	215126	38405		8321	46726
85210AG	HARDSTAND,1000 SQ YDS,NO ROCK			95.4	286	95	158936	6912		2194	9106
87210AF	GATE,CHAINLINK SING/LEAF 3 WI 10 HI			2.0	2	4	558	14		28	42
87210AP	SECURITY FENCE TYPE X 1000 FEET	1000 FEET		9.1	73	82	15070	481	2658	2679	5818
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET		8.5	60	68	11934	469	2170	2190	4829
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1		8.0	16	16	2656	74	1104	442	1620
87230AA	SENTRY BOX 4X4			2.0			244	219	920	460	1599
					122499	138756	97039356	157361	190139	114559	462059

DDEXER4

DESERT CLIMATE

AMMUNITION PORT-CONTAINER,BREAKBULK & LIGHTERAGE PIERS,LST RAMP, BARRICADED CONTAINER MARSHALLING YARD. OTHER ONSHORE SUPPORTING FACILITIES, PIERS & CAUSEWAY FOR 20FT TIDE RANGE-GROUND SLOPE 15-PERCENT. BERTHING, RAMP & ONSHORE SUPPORTING FACILITIES FOR CAPACITY UP TO 9,880 TONS PER DAY. REQUIRES 5000 ACRES. UTILITIES INCLUDED WITH INSTALLATION. FP1115

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	MANHOURS GENL	MANHOURS TOT
11130AB	HELIPD,CH54,PAD/APPR/DEP,1-1/2IN HM	CH 54		1.0	152	120	3797	18		41	59
111210CB	TAXIWAY W/25 FT SHOULDERS,1000 X 40			.4	125	100	6595	289		113	402
14970AF	RAMP FOR LANDING CRAFT			1.0				207	58	288	553
15150EL	CONTAINER PIER,TRESTLE,& CAUSEWAY			1.0	13100	18399	23001817	7710	29711	12090	49511
15150EM	BREAKBULK PIER,TRESTLE,& CAUSEWAY			1.0	12990	16848	20522368	6088	25056	10986	42130
15150EP	LIGHTERAGE PIER,TRESTLE & CAUSEWAY			1.0	6649	6888	5644858	2423	7151	3223	12797
21850AB	BATT CHG FAC STL FR BLD W/INT 20X20			1.0	4	9	6858	25	450	150	625
161050BC	ADMIN BLDG STL FR-INTERIOR 20X30X8	20X30X8FT		1.0	5	11	9128	18	343	101	462
172321BA	ADMIN BLDG STL FR-INTERIOR 20X30X8	20X30X8FT		2.0	10	22	18256	37	685	202	924
73010AA	FS 6144SF WD FR BLDG OP-A W/ INTER		AS REQUIRED	1.0	192	272	38303	141	5545	882	6568
181110CV	GEN PLANT 1.5 MW IN BLDGS TEMPERATE		AS REQUIRED	1.0	160	335	340318	104	6526	1426	8056
81240GF	AREA ILLUMINATION-GEN,CARGO PORT			1.0	27	30	93469	64	1352		1416
81240GK	POWER EQPT & ROAD LIGHTG-AMMO PORT			1.0	1794	2106	2393611	6606	52918		59524
81240GL	LIGHTING-CONTAINER AREA-AMMO PORT			1.0	89	95	333681	745	4692		5437
81240GM	FIRE PUMP STATION-AMMUNITION PORT			1.0	6	6	36943	9	414		423
81240GP	FENCE LIGHTING-AMMUNITION PORT			1.0	58	65	293348	575	4186		4761
83120AF	SEPTIC TANK,500 GL, W/ DRAIN FIELD			2.0	2	2	2522		58	690	748
84330AG	FIRE WATER SYSTEM-LIGHTERAGE PIER			1.0	7	22	11820	138	227	186	551
84330AH	FIRE WATER SYST.-BRKBLK/RO-RO PIER			1.0	53	185	242806	559	1601	1093	3253
84330AK	FIRE WATER SYSTEM-CONTAINER PIER			1.0	38	320	144298	462	1369	995	2826
84330AL	FIRE WATER SYSTEM-AMMO.PORT ONSHORE			1.0	519	661	3930813	2529	4830	2529	9888
85110CK	ROAD PAVEMENT,CLASS C,6IN STBL 1MI			5.5	3680	2486	18398	961		278	1239
85111AD	RDWY PVMT HVY WH BSC 1MI 3IN ASPH			8.5	8543	6834	114589	3851		1437	5288
85111AP	RDWY PVMT HVY WH 2FT INCR 3IN ASPH			51.0	6783	5610	101643	3343		1349	4692
85111EE	RDWY HVY WH 9SC 4FT SHLDRS 30IN THK		AS REQUIRED	8.5	34	26	15938	7947		2913	10860
85111ER	RDWY HVY WH 2FT INCR 30IN THK			51.0			5610	4751		1349	6100
85111FD	HDSTD PVMT HVY WH 1000SY 3IN ASPH		AS REQUIRED	160.1	13929	11527	213253	12336		4419	16755
85111KD	HDSTD HVY WH 1000SY 4FT SHLDR 24IN		AS REQUIRED	23.3	47	47	17708	2706		589	3295
85130JR	ROAD,CLASS C,GRADED AND DRAINED 1MI			5.5	11	11	6677	4212		1322	5534
85240GN	ROAD,CLASS C,GRADED AND DRAINED 1MI		AS REQUIRED	1.0	2	2	1214	766		240	1006
87210AP	SECURITY FENCE TYPE X 1000 FEET	1000 FEET	AS REQUIRED	29.0	232	261	48024	1534	8471	8538	18543
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	2.0	4	4	664	18	276	110	404
87230AA	SENTRY BOX 4X4			1.0			122	109	460	230	799
					69245	73304	57619449	71281	156379	57769	285429

DDEXER4 RUN DATE 860207

DESERT CLIMATE

MEDICAL DEPOT,INITIAL STANDARD,ALL CLIMATES,PROVIDES APPROX 69600 SF OF STORAGE AREA 85 PERCENT IN TENTS WITH EARTH FLOORS AND 15 PERCENT IN OPEN HARDSTAND. ADMINISTRATION,MEDICAL MAINTENANCE,OPTICAL FABRICATING, ACID-FLAMMABLE STORAGE IN TENTS GH4019

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
84330AB	SUMP FIRE PROTECTION 2000 GAL	2000 GAL	AS REQUIRED	7.0	14	14	336	32	177	193	402
85110DH	HARDSTAND,STAB SURF,1000SQ YD, 8 IN		AS REQUIRED	1.0	84	57	420	46		9	55
85210AV	HARDSTAND,1000 SQ YDS,HEAVY ROCK		AS REQUIRED	47.6	333	190	210392	18174		6569	24743
187190AA	SITE PREPARATION,ONE ACRE		AS REQUIRED	21.1				2135		776	2911
87210AD	CONCERTINA,TRIPLE TAPE TYP D 1000LF		AS REQUIRED	4.4	515	308	8633	142		567	709
87210AH	GATE,PER BAR SGL/LEAF 3FT X 7 FT HI		AS REQUIRED	2.0	2	2	716	16	23	9	48
87210AI	GATE,PER BAR SGL/LEAF 3FT X 7 FT HI		AS REQUIRED	5.0	5	5	1790	40	58	23	121
					953	576	222287	20585	258	8146	28989

DDEXER4 RUN DATE 860207

DESERT CLIMATE

GH4029

MEDICAL DEPOT,INITIAL STANDARD,ALL CLIMATES,PROVIDES
APPROX 88800 SF OF STORAGE AREA 90 PERCENT IN TENTS WITH
EARTH FLOORS AND 10 PERCENT IN OPEN HARDSTAND.
ADMINISTRATION,MEDICAL MAINTENANCE,OPTICAL FABRICATING,
ACID-FLAMMABLE STORAGE IN TENTS
MEDSOM FOR COMMUNICATION ZONE AND COMBAT ZONE

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	GENL	TOT
84330AB	SUMP FIRE PROTECTION 2000 GAL	2000 GAL	AS REQUIRED	7.0	14	14	336	32	177	193	402
85110DH	HARDSTAND,STAB SURF,1000SQ YD, 8 IN		AS REQUIRED	1.0	84	57	420	46		9	55
85210AV	HARDSTAND,1000 SQ YDS,HEAVY ROCK		AS REQUIRED	57.6	403	230	256592	21992		7949	29941
187190AA	SITE PREPARATION,ONE ACRE		AS REQUIRED	25.0				2530		920	3450
87210AD	CONCERTINA,TRIPLE TAPE TYP D 1000LF		AS REQUIRED	4.7	550	329	9221	151		605	756
87210AH	GATE,PER BAR SGL/LEAF 3FT X 7 FT HI		AS REQUIRED	2.0	2	2	716	16	23	9	48
87210AI	GATE,PER BAR SGL/LEAF 3FT X 7 FT HI		AS REQUIRED	5.0	5	5	1790	40	58	23	121
					1058	637	267075	24807	258	9708	34773

DDEXER4 RUN DATE 860207

DESERT CLIMATE

MEDICAL DEPOT,DESERT CLIMATE,TEMPORARY STANDARD,PROVIDES APPROX 69600 SF OF STORAGE AREA,85 PERCENT IN BUILDINGS WITH CONCRETE FLOORS AND 15 PERCENT IN OPEN HARDSTAND. ADMINISTRATION BLDG AND MEDICAL MAINTENANCE,OPTICAL FABRICATING,MOTOR MAINTENANCE,ACID-FLAMMABLE STORAGE AND MEDSOM FOR COMMUNICATION ZONE AND COMBAT ZONE GH4034

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MI	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
21410GT	3600 SQ.FT. BUILDING GT WOOD		1PER INST	1.0	1015	881	75577	426	3393	1106	4925
21885CC	GEN PURP MAINT SHOP 36X60 PAN WD;DT	1800SF	AS REQUIRED	1.0	164	942	94319	94	837	94	1025
44110BC	WHSE CLOSED WD FR BLDG 48X96X14	48X96X14FT	AS REQUIRED	1.0	116	120	14467	81	1743	645	2469
44220AC	WAREHOUSE WOOD FRM CONST 80FTX240FT	19200SF	34.5SF/ST	2.0	958	1058	206494	1162	6360	423	7945
44220AL	WAREHOUSE WOOD FRM CONST 80FTX240FT	19200SF	34.5SF/ST	1.0	483	534	103025	628	3735	212	4575
44222AC	SHED STORAGE WOOD FRAME 20FTX100FT	2000SF	AS REQUIRED	1.0	55	69	15375	86	590	86	762
44240AB	ACID FLAMMABLE STORAGE BLDG 20X90	1800SF	AS REQUIRED	1.0	48	57	10362	120	704	120	944
61025BC	ADMINISTRATION BLDG WOOD FRM 40X110	4400SF	90SF/MAN	1.0	75	134	31510	174	984	174	1332
72321AA	PORTA-KAMP LATRINE		1/40 MEN	5.0	5	5	1240	17	92	86	195
81241AA	ELECTRICAL DISTRIBUTION SYSTEM		AS REQUIRED	1.0	39	239	68886	263	1313	263	1839
83120AB	SEPTIC TANK 1000 GPD,CONCRETE		AS REQUIRED	5.0	55	45	12700	17	782	104	903
83120DA	SEWAGE		AS REQUIRED	1.0			176	12	18	23	53
84210KA	WATER SYSTEM		AS REQUIRED	1.0	1	3	3799	71	338	71	480
84330AC	SUMP FIRE PROTECTION 10000 GAL	10000 GAL	AS REQUIRED	2.0	14	10	290	37	248	267	552
85110AG	ROAD PAVEMENT,CLASS A,HOT MIX BITUM		AS REQUIRED	.1	132	110	2043	65		28	93
85110CM	HARDSTAND,SINGLE BITUM,STAB BASE		AS REQUIRED	1.0	45	35	543	38		7	45
85110DH	HARDSTAND,STAB SURF,1000SQ YD, 8 IN		AS REQUIRED	19.8	1663	1129	8316	911		182	1093
85120FA	RD BRDG SGL LANE TMBR 30 FT HIGH		AS REQUIRED	.1	3	3	798	4	10	12	26
85210AV	HARDSTAND,1000 SQ YDS,HEAVY ROCK		AS REQUIRED	31.4	220	126	138788	11989		4333	16322
187190AA	SITE PREPARATION,ONE ACRE		AS REQUIRED	14.1				1427		519	1946
87210AA	FENCE,CHAIN LK.W/2 OUTRGRS 1 1000LF		AS REQUIRED	3.1	53	158	37429	446		1426	1872
87210AF	GATE,CHAINLINK SING/LEAF 3 WI 10 HI		AS REQUIRED	2.0	2	4	558	14		28	42
87210AJ	FENCE,CORNER POST 10 FT HI CHAINLIN		AS REQUIRED	4.0			436	46		37	83
87210AL	GATE,VEH CHAINLINK 10 FT HI 32 F WI		AS REQUIRED	2.0	2	4	802	16		35	51
87230AA	SENTRY BOX 4X4		AS REQUIRED	2.0			244	219	920	460	1599
					5148	5666	828177	18363	22067	10741	51171

DESERT CLIMATE

GH4044

MEDICAL DEPOT,DESERT CLIMATE,TEMPORARY STANDARD,PROVIDES APPROX 88800 SF OF STORAGE AREA,90 PERCENT IN BUILDINGS WITH CONCRETE FLOORS AND 10 PERCENT IN OPEN HARDSTAND. ADMINISTRATION BLDG AND MEDICAL MAINTENANCE,OPTICAL FABRICATING,MOTOR MAINTENANCE,ACID-FLAMMABLE STORAGE AND UNIT PICK-UP BUILDINGS PROVIDED.WOOD FRAME CONSTRUCTION MEDSOM FOR COMBAT ZONE

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
21410GT	3600 SQ.FT. BUILDING GT WOOD		1PER INST	1.0	1015	881	75577	426	3393	1106	4925
21885CC	GEN PURP MAINT SHOP 36X60 PAN WD;DT	1800SF	AS REQUIRED	1.0	164	942	94319	94	837	94	1025
44110BC	WHSE CLOSED WD FR BLDG 48X96X14	48X96X14FT	AS REQUIRED	1.0	116	120	14467	81	1743	645	2469
44220AC	WAREHOUSE WOOD FRM CONST 80FTX240FT	19200SF	34.5SF/ST	3.0	1437	1587	309741	1742	9539	635	11916
44220AL	WAREHOUSE WOOD FRM CONST 80FTX240FT	19200SF	34.5SF/ST	1.0	483	534	103025	628	3735	212	4575
44222AC	SHED STORAGE WOOD FRAME 20FTX100FT	2000SF	AS REQUIRED	1.0	55	69	15375	86	590	86	762
44240AB	ACID FLAMMABLE STORAGE BLDG 20X90	1800SF	AS REQUIRED	1.0	48	57	10362	120	704	120	944
61025BC	ADMINISTRATION BLDG WOOD FRM 40X110	4400SF	90SF/MAN	1.0	75	134	31510	174	984	174	1332
72321AA	PORTA-KAMP LATRINE		1/40 MEN	5.0	5	5	1240	17	92	86	195
81241AA	ELECTRICAL DISTRIBUTION SYSTEM		AS REQUIRED	1.0	39	239	68886	263	1313	263	1839
83120AB	SEPTIC TANK 1000 GPD,CONCRETE		AS REQUIRED	5.0	55	45	12700	17	782	104	903
83120DA	SEWAGE		AS REQUIRED	1.0			176	12	18	23	53
84210KA	WATER SYSTEM		AS REQUIRED	1.0	1	3	3799	71	338	71	480
84330AC	SUMP FIRE PROTECTION 10000 GAL	10000 GAL	AS REQUIRED	2.0	14	10	290	37	248	267	552
85110AG	ROAD PAVEMENT,CLASS A,HOT MIX BITUM		1000SY/UNIT	.1	132	110	2043	65		28	93
85110CM	HARDSTAND,SINGLE BITUM,STAB BASE		AS REQUIRED	1.0	45	35	543	38		7	45
85110DH	HARDSTAND,STAB SURF,1000SQ YD, 8 IN		AS REQUIRED	18.0	1512	1026	7560	828		166	994
85130FA	ROAD,CLASS B,GRADED AND DRAINED 1MI		AS REQUIRED	.1	1	1	865	240		95	335
85210AV	HARDSTAND,1000 SQ YDS,HEAVY ROCK		AS REQUIRED	41.0	287	164	181220	15654		5658	21312
187190AA	SITE PREPARATION,ONE ACRE		AS REQUIRED	16.3				1650		600	2250
87210AA	FENCE,CHAIN LK,W/2 OUTRGRS 1 1000LF		AS REQUIRED	3.7	63	189	44674	532		1702	2234
87210AF	GATE,CHAINLINK SING/LEAF 3 WI 10 HI		AS REQUIRED	2.0	2	4	558	14		28	42
87210AJ	FENCE,CORNER POST 10 FT HI CHAINLIN		AS REQUIRED	4.0			436	46		37	83
87210AL	GATE,VEH CHAINLINK 10 FT HI 32 F WI		AS REQUIRED	2.0	2	4	802	16		35	51
87230AA	SENTRY BOX 4X4		AS REQUIRED	2.0			244	219	920	460	1599
					5551	6159	980412	23070	25236	12702	61008

DDEXER4 RUN DATE 860207

DESERT CLIMATE

VEHICLE MAINTENANCE INSTALLATION FOR ALL LEVELS OF SUPPORT THROUGH GENERAL SUPPORT ACTIVITIES.CONSISTS OF TEN BAYS AND SHOP AREA FOR OFF VEHICLE REPAIR.TEMPORARY STANDARD IN THE TROPIC/DESERT CLIMATES,WOOD BUILDINGS.

MT2008

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
21410BW	TRACKED VEH TURNING PAD		AS REQUIRED	17.3	346	260	22698		617	935	1552
21410BY	VEH WASH RACK		3PER INST	3.0	63	45	4794	14	204	283	501
21410GT	3600 SQ.FT. BUILDING GT WOOD		1PER INST	1.0	1015	881	75577	426	3393	1106	4925
21410HN	VEHICLE MAINT FAC.WD.FR.6BAY T/D		1PER INST	1.0	1305	1117	91628	458	3933	1233	5624
21411AA	LUB.RACK,VECHICLE,12X56 RAMP+PLATFO		2PER INST	2.0	14	10	1730		828	138	966
72321BD	LAT PIT TYPE 160MAN 8 SEATS 10X20	10X20X8	1PER INST	1.0	8	9	1559	2	230	37	269
81240HA	ELECTRICAL SYSTEM 125 MAN TR CP		AS REQUIRED	1.0	19	21	15370	13	1972	122	2107
84120FA	ELECTRICAL SYSTEM 125 MAN TR CP		AS REQUIRED	1.0	19	21	15370	13	1972	122	2107
84330AC	SUMP FIRE PROTECTION 10000 GAL	10000 GAL	AS REQUIRED	1.0	7	5	145	18	124	133	275
84330AE	FIREFHT EQPT POL W/10MGAL WTR&PUMP		AS REQUIRED	1.0	1	5	16777		39		39
85110DF	HARDSTAND,STAB SURF,1000SQ YD, 4 IN		AS REQUIRED	18.0	756	504	3780	497		166	663
187190AA	SITE PREPARATION,ONE ACRE		AS REQUIRED	4.2				425		155	580
87210AA	FENCE,CHAIN LK.W/2 OUTRGRS 1 1000LF		AS REQUIRED	1.0	17	51	12074	144		460	604
87210AF	GATE,CHAINLINK SING/LEAF 3 WI 10 HI		AS REQUIRED	1.0	1	2	279	7		14	21
87210AL	GATE,VEH CHAINLINK 10 FT HI 32 F WI		AS REQUIRED	1.0	1	2	401	8		17	25
					3572	2933	262182	2025	13312	4921	20258

DESERT CLIMATE

MT2018

VEHICLE MAINTENANCE INSTALLATION FOR ALL LEVELS OF SUPPORT THROUGH GENERAL SUPPORT ACTIVITIES.CONSISTS OF TEN BAYS AND SHOP AREA FOR OFF VEHICLE REPAIR.TEMPORARY STANDARD IN THE TROPIC/DESERT CLIMATES,METAL BUILDINGS.

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR HORZ	EFFORT IN MANHOURS VERT	EFFORT IN MANHOURS GENL	EFFORT IN MANHOURS TOT
21410BW	TRACKED VEH TURNING PAD		AS REQUIRED	17.3	346	260	22698		617	935	1552
21410BY	VEH WASH RACK		3PER INST	3.0	63	45	4794	14	204	283	501
21410GU	3600 SQ.FT. BUILDING GU METAL		1PER INST	1.0	51	46	46815	271	2432	1049	3752
21410HP	VEHICLE MAINT.FAC.ST.FR,6BAY,T/D		1PER INST	1.0	69	61	58873	350	2760	1132	4242
21411AA	LUB.RACK,VECHICLE,12X56 RAMP+PLATFO		2PER INST	2.0	14	10	1730		828	138	966
72321BA	LUB.RACK,VECHICLE,12X56 RAMP+PLATFO		1PER INST	1.0	7	5	865		414	69	483
81240HA	ELECTRICAL SYSTEM 125 MAN TR CP		AS REQUIRED	1.0	19	21	15370	13	1972	122	2107
84120FA	ELECTRICAL SYSTEM 125 MAN TR CP		AS REQUIRED	1.0	19	21	15370	13	1972	122	2107
84330AC	SUMP FIRE PROTECTION 10000 GAL	10000 GAL	AS REQUIRED	1.0	7	5	145	18	124	133	275
84330AE	FIREFHT EQPT POL W/10MGAL WTR&PUMP		AS REQUIRED	1.0	1	5	16777		39		39
85110DF	HARDSTAND,STAB SURF,1000SQ YD, 4 IN		AS REQUIRED	18.0	756	504	3780	497		166	663
187190AA	SITE PREPARATION,ONE ACRE		AS REQUIRED	4.2				425		155	580
87210AA	FENCE,CHAIN LK.W/2 OUTRGRS 1 1000LF		AS REQUIRED	1.8	31	92	21733	259		828	1087
87210AF	GATE,CHAINLINK SING/LEAF 3 WI 10 HI		AS REQUIRED	1.0	1	2	279	7		14	21
87210AL	GATE,VEH CHAINLINK 10 FT HI 32 F WI		AS REQUIRED	1.0	1	2	401	8		17	25
					1385	1079	209630	1875	11362	5163	18400

DDEXER4 RUN DATE 860207

DESERT CLIMATE

VEHICLE MAINTENANCE INSTALLATION FOR ALL LEVELS OF SUPPORT THROUGH GENERAL SUPPORT ACTIVITIES.CONSISTS OF TWENTY BAYS AND SHOP AREA FOR OFF VEHICLE REPAIR.TEMPORARY STANDARD IN THE TROPIC/DESERT CLIMATES,WOOD BUILDINGS.

MT2028

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
21410BW	TRACKED VEH TURNING PAD		AS REQUIRED	31.4	628	471	41197		1119	1697	2816
21410BY	VEH WASH RACK		6PER INST	6.0	126	90	9588	28	407	566	1001
21410GT	3600 SQ.FT. BUILDING GT WOOD		2PER INST	2.0	2030	1762	151154	851	6785	2213	9849
21410HN	VEHICLE MAINT FAC.WD.FR.6BAY T/D		2PER INST	2.0	2610	2234	183256	915	7866	2466	11247
21411AA	LUB.RACK/VECHICLE/12X56 RAMP+PLATFO		4PER INST	4.0	28	20	3460		1656	276	1932
72321BD	LAT PIT TYPE 16OMAN 8 SEATS 10X20	10X20X8	1PER INST	1.0	8	9	1559	2	230	37	269
81240HB	ELECTRICAL DISTRIBUTION SYS 250 MAN		AS REQUIRED	1.0	28	42	27991	2	26	2	30
84120FA	ELECTRICAL DISTRIBUTION SYS 250 MAN		AS REQUIRED	1.0	28	42	27991	2	26	2	30
84330AC	SUMP FIRE PROTECTION 10000 GAL	10000 GAL	AS REQUIRED	1.0	7	5	145	18	124	133	275
84330AE	FIREFHT EQPT POL W/10MGAL WTR&PUMP		AS REQUIRED	1.0	1	5	16777		39		39
85110DF	HARDSTAND/STAB SURF/1000SQ YD/ 4 IN		AS REQUIRED	36.0	1512	1008	7560	994		331	1325
187190AA	SITE PREPARATION/ONE ACRE		AS REQUIRED	8.3				840		305	1145
87210AA	FENCE/CHAIN LK.W/2 OUTRGRS 1 1000LF		AS REQUIRED	2.5	43	128	30185	359		1150	1509
87210AF	GATE/CHAINLINK SING/LEAF 3 WI 10 HI		AS REQUIRED	1.0	1	2	279	7		14	21
87210AL	GATE/VEH CHAINLINK 10 FT HI 32 F WI		AS REQUIRED	1.0	1	2	401	8		17	25
					7051	5820	501543	4026	18278	9209	31513

DDEXER4 RUN DATE 860207

DESERT CLIMATE

VEHICLE MAINTENANCE INSTALLATION FOR ALL LEVELS OF SUPPORT THROUGH GENERAL SUPPORT ACTIVITIES.CONSISTS OF TWENTY BAYS AND SHOP AREA FOR OFF VEHICLE REPAIR.TEMPORARY STANDARD IN THE TROPIC/DESERT CLIMATES,METAL BUILDINGS. MT2038

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	GENL	TOT
21610BW	TRACKED VEH TURNING PAD		AS REQUIRED	31.4	628	471	41197		1119	1697	2816
21410BY	VEH WASH RACK		6PER INST	6.0	126	90	9588	28	407	566	1001
21610GU	3600 SQ.FT. BUILDING GU METAL		2PER INST	2.0	102	92	93630	543	4865	2098	7506
21410HP	VEHICLE MAINT.FAC.ST.FR,6BAY,T/D		2PER INST	2.0	138	122	117746	699	5520	2263	8482
21411AA	LUB.RACK,VECHICLE,12X56 RAMP+PLATFO		4PER INST	4.0	28	20	3460		1656	276	1932
72321BA	LUB.RACK,VECHICLE,12X56 RAMP+PLATFO		1PER INST	1.0	7	5	865		414	69	483
81240HA	ELECTRICAL SYSTEM 125 MAN TR CP		AS REQUIRED	1.0	19	21	15370	13	1972	122	2107
84120FA	ELECTRICAL SYSTEM 125 MAN TR CP		AS REQUIRED	1.0	19	21	15370	13	1972	122	2107
84330AC	SUMP FIRE PROTECTION 10000 GAL	10000 GAL	AS REQUIRED	1.0	7	5	145	18	124	133	275
84330AE	FIREFHT EQPT POL W/10MGAL WTR&PUMP		AS REQUIRED	1.0	1	5	16777		39		39
85110DF	HARDSTAND,STAB SURF,1000SQ YD, 4 IN		AS REQUIRED	36.0	1512	1008	7560	994		331	1325
187190AA	SITE PREPARATION,ONE ACRE		AS REQUIRED	8.3				840		305	1145
87210AA	FENCE,CHAIN LK.W/2 OUTRGRS 1 1000LF		AS REQUIRED	2.5	43	128	30185	359		1150	1509
87210AF	GATE,CHAINLINK SING/LEAF 3 WI 10 HI		AS REQUIRED	1.0	1	2	279	7		14	21
87210AL	GATE,VEH CHAINLINK 10 FT HI 32 F WI		AS REQUIRED	1.0	1	2	401	8		17	25
					2632	1992	352573	3522	18088	9163	30773

DDEXER4 RUN DATE 860207

DESERT CLIMATE

PA1015

MARINE TERMINAL,POL,200000 BBL CAPAC W/50M WLDD TNKS,10M&3M BLTD TANKS FOR EXISTG DOCK FOR TNKR DISCHARGE,TEMP,TROP& DST CLIM.T-2 TNKR OR SUPER TANKER DISCHARGING W/ 24HR TURN AROUND TIME.MARINE TERMINAL W/ESTG DOCK MOORING BERTH,12IN INLAND PPELN,BOOSTER PMP STA & OPER BLDG.,TANK FARM FOR BULK STAGE OF 4 PRODUCTS FOR RECEIVING 800000 BBLS/ MO. MAX REQUIRES 60 ACRES. FINE AGGR. 20CY. COARSE AGGR. 22

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12510AD	12IN SWITCH MNFLD F/TNK FARM NO PMP	12-INCH	AS REQUIRED	1.0	26	23	97212	35	276	92	403
12510AG	FLOOD PMP 1355BPH 12 IN MANIFOLD	1355 BPH	AS REQUIRED	1.0	14	21	50497	23	414	115	552
12510AK	TANK PMP POL 2800 BPH W/12IN MANIFD	2800 BPH	AS REQUIRED	4.0	28	56	65016	23	184	69	276
12510AR	TRANS PMP POL 2800 BPH W/12 IN MNFD	2800 BPH	AS REQUIRED	1.0	18	21	78664	52	397	81	530
12510AW	PPLN POL 1000 FT OF 12 INCH GROOVE	1000FT-12IN	AS REQUIRED	1.0	9	32	4440	17	224	81	322
12510BC	PPLN POL 1 MILE OF 12 INCH GROOVE	1MILE-12INCH	AS REQUIRED	4.0	180	708	95916	184	4370	1932	6486
12510BL	PPLN POL 1M FT OF 12 IN API GROVE	1000 FT	AS REQUIRED	4.0	16	16	44460	46	1058	736	1840
12530AG	BOOSTER STATION POL 7000 BPH	7000 BPH	AS REQUIRED	4.0	108	224	216436	184	1288	368	1840
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	2.0	2	2	2736	12	81	46	139
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	4.0	4	4	4984	37	239	92	368
12665AU	PIPE POL 12IN F/SUPER TNKR AT DOCK	12IN 2800BPH	AS REQUIRED	1.0	32	49	221603		759	184	943
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	3.0	15	30	15606	86	345	155	586
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	1.0	1	13	9258	92	368	150	610
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	3.0	6	96	36132	311	1070	759	2140
41180AL	TANK POL 10000 BARREL W/12 IN PIPE	10000 BBL	AS REQUIRED	4.0	12	164	113536	667	3910	2001	6578
41180AN	TANK POL 50000 BARREL W/12 IN PIPE	50000 BBL	AS REQUIRED	3.0	12	579	182766	1035	15318	6900	23253
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	2.0	14	30	23462	74	1051	391	1516
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	4.0	28	32	5616	221	1021	1030	2272
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	2.0	4	4	664	18	276	110	404
					529	2104	1269004	3117	32649	15292	51058

DESERT CLIMATE

PA1025

MARINE TERMINAL,POL,400000 BBL CAPAC.USED FOR PHASE1.WLDD & ALTD TNKS FOR EXSTG DOCK FOR TNKR DISCHARGE,TEMP,TROP & DST CLIM.T-2 TNKR OR SUPER TANKER DISCHARGING W/13 HR TURN AROUND TIME. MARINE TERMINAL W/EXSTG DOCK,MOORING BERTH,12IN INLAND PPELN,BOOSTER PMP STA & OPER BLDG.,TANK FARM FOR BULK STGE CF 6 PRODUCTS FOR RECEIVING 1500000 BBLS/ MO. MAX REQUIRES 121 ACRES. FINE AGGR. 40CY. COARSE AGGR. 44

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR MANHOURS HORZ	EFFORT IN MANHOURS VERT	EFFORT IN MANHOURS GENL	EFFORT IN MANHOURS TOT
12510AD	12IN SWITCH MNFLD F/TNK FARM NO PMP	12-INCH	AS REQUIRED	3.0	78	69	291636	104	828	276	1208
12510AG	FLOOD PMP 1355BPH 12 IN MANIFOLD	1355 BPH	AS REQUIRED	2.0	28	42	100994	46	828	230	1104
12510AK	TANK PMP POL 2800 BPH W/12IN MANIFD	2800 BPH	AS REQUIRED	8.0	56	112	130032	46	368	138	552
12510AR	TRANS PMP POL 2800 BPH W/12 IN MNFD	2800 BPH	AS REQUIRED	2.0	36	42	157328	104	794	161	1059
12510AW	PPLN POL 1000 FT OF 12 INCH GROOVE	1000FT-12IN	AS REQUIRED	2.0	18	64	8880	35	449	161	645
12510BC	PPLN POL 1 MILE OF 12 INCH GROOVE	1MILE-12INCH	AS REQUIRED	8.0	360	1416	191832	368	8740	3864	12972
12510BL	PPLN POL 1M FT OF 12 IN API GROVE	1000 FT	AS REQUIRED	8.0	32	32	88920	92	2116	1472	3680
12530AG	BOOSTER STATION POL 7000 BPH	7000 BPH	AS REQUIRED	8.0	216	448	432872	368	2576	736	3680
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	4.0	4	4	5472	23	161	92	276
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	4.0	4	4	4984	37	239	92	368
12665AU	PIPE POL 12IN F/SUPER TNKR AT DOCK	12IN 2800BPH	AS REQUIRED	1.0	32	49	221603		759	184	943
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	4.0	20	40	20808	115	460	207	782
41180AC	TANK, POL, 500 BARREL, W/4 IN PIPE	500 BBL	AS REQUIRED	2.0	2	14	12884	104	414	173	691
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	2.0	2	26	18516	184	736	299	1219
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	6.0	12	192	72264	621	2139	1518	4278
41180AL	TANK POL 10000 BARREL W/12 IN PIPE	10000 BBL	AS REQUIRED	8.0	24	328	227072	1334	7820	4002	13156
41180AN	TANK POL 50000 BARREL W/12 IN PIPE	50000 BBL	AS REQUIRED	6.0	24	1158	365532	2070	30636	13800	46506
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	4.0	28	60	46924	147	2102	782	3031
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	8.0	56	64	11232	442	2042	2061	4545
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	4.0	8	8	1328	37	552	221	810
					1040	4172	2411113	6277	64759	30469	101505

DDEXER4 RUN DATE 860207

DESERT CLIMATE

MARINE TERMINAL,POL,400000 BBL CAPAC.USED FOR PHASE-2.WLDD &BLTD TNKS FOR EXISTS DOCK TANKER DISCHARGE,TEMP,TROP & DST CLIM.T-2 TNKR OR SUPER TANKER DISCHARGING W/13HR TURN AROUND TIME. MARINE TERMINAL W/EXESTS DOCK MOORING BERTH,12IN INLAND PPELN,BOOSTER PMP STA & OPER BLDG.,TANK FARM FOR BULK SIGE OF 4 PRODUCTS FOR RECEIVING 1500000 BBLS/MO. MAX REQUIRES 121 ACRES. FINE AGGR. 40CY. COARSE AGG PA1035

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12510AD	12IN SWITCH MNFLD F/TNK FARM NO PMP	12-INCH	AS REQUIRED	3.0	78	69	291636	104	828	276	1208
12510AG	FLOOD PMP 1355BPH 12 IN MANIFOLD	1355 BPH	AS REQUIRED	2.0	28	42	100994	46	828	230	1104
12510AK	TANK PMP POL 2800 BPH W/12IN MANIFD	2800 BPH	AS REQUIRED	8.0	56	112	130032	46	368	138	552
12510AR	TRANS PMP POL 2800 BPH W/12 IN MNFD	2800 BPH	AS REQUIRED	2.0	36	42	157328	104	794	161	1059
12510AW	PPLN POL 1000 FT OF 12 INCH GROOVE	1000FT-12IN	AS REQUIRED	2.0	18	64	8880	35	449	161	645
12510BC	PPLN POL 1 MILE OF 12 INCH GROOVE	1MILE-12INCH	AS REQUIRED	16.0	720	2832	383664	736	17480	7728	25944
12510BL	PPLN POL 1M FT OF 12 IN API GROVE	1000 FT	AS REQUIRED	8.0	32	32	88920	92	2116	1472	3680
12530AG	BOOSTER STATION POL 7000 BPH	7000 BPH	AS REQUIRED	16.0	432	896	865744	736	5152	1472	7360
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	4.0	4	4	5472	23	161	92	276
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	16.0	16	16	19936	147	957	368	1472
12665AU	PIPE POL 12IN F/SUPER TNKR AT DOCK	12IN 2800BPH	AS REQUIRED	2.0	64	98	443206		1518	368	1886
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	4.0	20	40	20808	115	460	207	782
41180AC	TANK, POL, 500 BARREL, W/4 IN PIPE	500 BBL	AS REQUIRED	2.0	2	14	12884	104	414	173	691
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	2.0	2	26	18516	184	736	299	1219
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	6.0	12	192	72264	621	2139	1518	4278
41180AL	TANK POL 10000 BARREL W/12 IN PIPE	10000 BBL	AS REQUIRED	8.0	24	328	227072	1334	7820	4002	13156
41180AN	TANK POL 50000 BARREL W/12 IN PIPE	50000 BBL	AS REQUIRED	6.0	24	1158	365532	2070	30636	13800	46506
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	4.0	28	60	46924	147	2102	782	3031
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	8.0	56	64	11232	442	2042	2061	4545
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	4.0	8	8	1328	37	552	221	810
					1660	6097	3272372	7123	77552	35529	120204

DESERT CLIMATE

MARINE TERMINAL,POL,200000 BBL CAPAC W/10 THOUS.& 3 THOUS. PA1045
BOLTED STL FOR EXISTG DOCK FOR TANKER DISCHARGE,TEMP,TROP&
DST CLIM.T-2 TANKER OR SUPER TANKER DISCHARGING W/24HR
TURN AROUND TIME.MARINE TERMINAL W/EXSTS DOCK MOORING BERTH,
12IN INLAND PPELN,BOOSTER PMP STA & OPER BLDG.,TANK FARM
FOR BULK STGE OF 4 PRODUCTS FOR RECEIVING 80000 BBLS/MO. MAX
REQUIRES 60 ACRES. FINE AGGR. 20CY. COARSE AGGR. 22CY. FIRFT

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12510AD	12IN SWITCH MNFLD F/TNK FARM NO PMP	12-INCH	AS REQUIRED	1.0	26	23	97212	35	276	92	403
12510AG	FLOOD PMP 1355BPH 12 IN MANIFOLD	1355 BPH	AS REQUIRED	2.0	28	42	100994	46	828	230	1104
12510AK	TANK PMP POL 2800 BPH W/12IN MANIFD	2800 BPH	AS REQUIRED	4.0	28	56	65016	23	184	69	276
12510AR	TRANS PMP POL 2800 BPH W/12 IN MNFD	2800 BPH	AS REQUIRED	1.0	18	21	78664	52	397	81	530
12510AW	PPLN POL 1000 FT OF 12 INCH GROOVE	1000FT-12IN	AS REQUIRED	1.0	9	32	4440	17	224	81	322
12510BC	PPLN POL 1 MILE OF 12 INCH GROOVE	1MILE-12INCH	AS REQUIRED	4.0	180	708	95916	184	4370	1932	6486
12510BK	PPLN POL 1M FT OF 8 IN API GROOVE	1000 FT	AS REQUIRED	.2	3	3	700	2	46	32	80
12510BL	PPLN POL 1M FT OF 12 IN API GROVE	1000 FT	AS REQUIRED	6.0	24	24	66690	69	1587	1104	2760
12530AG	BOOSTER STATION POL 7000 BPH	7000 BPH	AS REQUIRED	4.0	108	224	216436	184	1288	368	1840
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	2.0	2	2	2736	12	81	46	139
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	4.0	4	4	4984	37	239	92	368
12665AU	PIPE POL 12IN F/SUPER TNKR AT DOCK	12IN 28009PH	AS REQUIRED	1.0	32	49	221603		759	184	943
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	3.0	15	30	15606	86	345	155	586
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	1.0	1	13	9258	92	368	150	610
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	4.0	8	128	48176	414	1426	1012	2852
41180AL	TANK POL 10000 BARREL W/12 IN PIPE	10000 BBL	AS REQUIRED	19.0	57	779	539296	3168	18573	9505	31246
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	2.0	14	30	23462	74	1051	391	1516
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	5.0	35	40	7020	276	1277	1288	2841
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	2.0	4	4	664	18	276	110	404
					596	2212	1598873	4789	33595	16922	55306

DESERT CLIMATE

MARINE TERMINAL,POL,400000 BBL CAPAC W/10 THOUSAND. & 3 THOU BOLTED STEEL FOR EXISTING DOCK FOR TANKER DISCHARGE,TEMPERATE,TROPICAL AND DESERT CLIMATE.T-2 TANKER OR SUPER TANKER DISCHARGING. MARINE TERMINAL W/EXISTING DOCK MOORING BERTH 12IN INLAND PPELN,BOOSTER PMP STA & OPER BLDG., TANK FARM FOR BULK STGE OF 4 PRODUCTS FOR RECEIVING 1500000 BBLS/MO. MAX REQUIRES 121 ACRES. FINE AGGR. 40CY. COARSE AGGR. 44CY. PA1055

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12510AD	12IN SWITCH MNFLD F/TNK FARM NO PMP	12-INCH	AS REQUIRED	3.0	78	69	291636	104	828	276	1208
12510AG	FLOOD PMP 1355BPH 12 IN MANIFOLD	1355 BPH	AS REQUIRED	4.0	56	84	201988	92	1656	460	2208
12510AK	TANK PMP POL 2800 BPH W/12IN MANIFD	2800 BPH	AS REQUIRED	8.0	56	112	130032	46	368	138	552
12510AR	TRANS PMP POL 2800 BPH W/12 IN MNFD	2800 BPH	AS REQUIRED	2.0	36	42	157328	104	794	161	1059
12510AW	PPLN POL 1000 FT OF 12 INCH GROOVE	1000FT-12IN	AS REQUIRED	2.0	18	64	8880	35	449	161	645
12510BC	PPLN POL 1 MILE OF 12 INCH GROOVE	1MILE-12INCH	AS REQUIRED	2.0	90	354	47958	92	2185	966	3243
12510BK	PPLN POL 1M FT OF 8 IN API GROOVE	1000 FT	AS REQUIRED	8.0	104	128	28000	92	1860	1288	3220
12510BL	PPLN POL 1M FT OF 12 IN API GROVE	1000 FT	AS REQUIRED	.4	2	2	4446	5	106	74	185
12530AG	BOOSTER STATION POL 7000 BPH	7000 BPH	AS REQUIRED	16.0	432	896	865744	736	5152	1472	7360
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	4.0	4	4	5472	23	161	92	276
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	8.0	8	8	9968	74	478	184	736
12665AU	PIPE POL 12IN F/SUPER TNKR AT DOCK	12IN 2800BPH	AS REQUIRED	2.0	64	98	443206		1518	368	1886
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	4.0	20	40	20808	115	460	207	782
41180AC	TANK, POL, 500 BARREL, W/4 IN PIPE	500 BBL	AS REQUIRED	2.0	2	14	12884	104	414	173	691
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	2.0	2	26	18516	184	736	299	1219
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	8.0	16	256	96352	828	2852	2024	5704
41180AL	TANK POL 10000 BARREL W/12 IN PIPE	10000 BBL	AS REQUIRED	38.0	114	1558	1078592	6337	37145	19010	62492
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	4.0	28	60	46924	147	2102	782	3031
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	10.0	70	80	14040	552	2553	2576	5681
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	4.0	8	8	1328	37	552	221	810
					1208	3903	3484102	9707	62349	30932	102988

DESERT CLIMATE

MARINE TERMINAL,POL,1000000 BBL CAPAC.USED FOR PHASE 1. WLDD & BLTD TNKS FOR EXISTG DOCK FOR TANKER DISCHARGE,TEMP,TROP & DST CLIM. T-2 TANKER OR SUPER TANKER DISCHARGING W/13 HR TURN AROUND TIME. MARINE TERMINAL W/EXSTG DOCK MOORING BERTH 12IN INLAND PPELN, BOOSTER PMP STA & OPER. BLDG.,TANK FARM FOR BULK STGE CE 4 PRODUCTS FOR RECEIVING 3000000 BBLS/MO. MAX REQUIRES 307 ACRES. FINE AGGR. 80CY. COARSE AGGR. 88 CY. PA1065

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	VERT	GENL	TOT
12510AD	12IN SWITCH MNFLD F/TNK FARM NO PMP	12-INCH	AS REQUIRED	5.0	130	115	486060	173	1380	460	2013
12510AG	FLOOD PMP 1355BPH 12 IN MANIFOLD	1355 BPH	AS REQUIRED	8.0	112	168	403976	184	3312	920	4416
12510AK	TANK PMP POL 2800 BPH W/12IN MANIFD	2800 BPH	AS REQUIRED	16.0	112	224	260064	92	736	276	1104
12510AR	TRANS PMP POL 2800 BPH W/12 IN MNFD	2800 BPH	AS REQUIRED	4.0	72	84	314656	207	1587	322	2116
12510AW	PPLN POL 1000 FT OF 12 INCH GROOVE	1000FT-12IN	AS REQUIRED	4.0	36	128	17760	69	897	322	1288
12510BC	PPLN POL 1 MILE OF 12 INCH GROOVE	1MILE-12INCH	AS REQUIRED	16.0	720	2832	383664	736	17480	7728	25944
12510BL	PPLN POL 1M FT OF 12 IN API GROVE	1000 FT	AS REQUIRED	24.0	96	96	266760	276	6348	4416	11040
12530AG	BOOSTER STATION POL 7000 BPH	7000 BPH	AS REQUIRED	16.0	432	896	865744	736	5152	1472	7360
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	8.0	8	8	10944	46	322	184	552
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	16.0	16	16	19936	147	957	368	1472
12665AU	PIPE POL 12IN F/SUPER TNKR AT DOCK	12IN 2800BPH	AS REQUIRED	1.0	32	49	221603		759	184	943
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	10.0	50	100	52020	288	1150	518	1956
41180AC	TANK, POL, 500 BARREL, W/4 IN PIPE	500 BBL	AS REQUIRED	2.0	2	14	12884	104	414	173	691
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	4.0	4	52	37032	368	1472	598	2438
41180AL	TANK POL 10000 BARREL W/12 IN PIPE	10000 BBL	AS REQUIRED	20.0	60	820	567680	3335	19550	10005	32890
41180AN	TANK POL 50000 BARREL W/12 IN PIPE	50000 BBL	AS REQUIRED	16.0	64	3088	974752	5520	81696	36800	124016
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	8.0	56	120	93848	294	4204	1564	6062
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	15.0	105	120	21060	828	3830	3864	8522
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	8.0	16	16	2656	74	1106	442	1620
					2123	8946	5013099	13477	152350	70616	236443

DESERT CLIMATE

MARINE TERMINAL,POL,1000000 BBL CAPAC USED FOR PHASE2. WLDD & BLTD TNKS FOR EXISTG DOCK FOR TANKER DISCHARGE,TEMP,TROP & DST CLIM. T-2 TANKER OR SUPER TANKER DISCHARGING W/13 HR TURN AROUND TIME. MARINE TERMINAL W/EXSTS DOCK MOORING BERTH 12IN INLAND PPELN, BOOSTER PMP STA & OPER BLDG., TANK FARM FOR BULK, STGE CF 4 PRODUCTS FOR RECEIVING 3000000 BBLS/MO. MAX REQUIRES 307 ACRES. FINE AGGR. 80CY. COARSE AGGR. 88 CY. PA1075

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12510AD	12IN SWITCH MNFLD F/TNK FARM NO PMP	12-INCH	AS REQUIRED	5.0	130	115	486060	173	1380	460	2013
12510AG	FLOOD PMP 1355BPH 12 IN MANIFOLD	1355 BPH	AS REQUIRED	8.0	112	168	403976	184	3312	920	4416
12510AK	TANK PMP POL 2800 BPH W/12IN MANIFD	2800 BPH	AS REQUIRED	16.0	112	224	260064	92	736	276	1104
12510AR	TRANS PMP POL 2800 BPH W/12 IN MNFD	2800 BPH	AS REQUIRED	4.0	72	84	314656	207	1587	322	2116
12510AW	PPLN POL 1000 FT OF 12 INCH GROOVE	1000FT-12IN	AS REQUIRED	4.0	36	128	17760	69	897	322	1288
12510BC	PPLN POL 1 MILE OF 12 INCH GROOVE	1MILE-12INCH	AS REQUIRED	32.0	1440	5664	767328	1472	34960	15456	51888
12510BL	PPLN POL 1M FT OF 12 IN API GROVE	1000 FT	AS REQUIRED	24.0	96	96	266760	276	6368	4416	11060
12530AG	BOOSTER STATION POL 7000 BPH	7000 BPH	AS REQUIRED	32.0	864	1792	1731488	1472	10304	2944	14720
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	8.0	8	8	10944	46	322	184	552
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	32.0	32	32	39872	294	1914	736	2944
12665AU	PIPE POL 12IN F/SUPER TNKR AT DOCK	12IN 2800BPH	AS REQUIRED	2.0	64	98	443206		1518	368	1886
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	10.0	50	100	52020	288	1150	518	1956
41180AC	TANK, POL, 500 BARREL, W/4 IN PIPE	500 BBL	AS REQUIRED	2.0	2	14	12884	104	414	173	691
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	4.0	4	52	37032	368	1472	598	2438
41180AL	TANK POL 10000 BARREL W/12 IN PIPE	10000 BBL	AS REQUIRED	20.0	60	820	567680	3335	19550	10005	32890
41180AN	TANK POL 50000 BARREL W/12 IN PIPE	50000 BBL	AS REQUIRED	16.0	64	3088	974752	5520	81696	36800	124016
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	8.0	56	120	93848	294	4204	1564	6062
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	15.0	105	120	21060	828	3830	3864	8522
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	8.0	16	16	2656	74	1104	442	1620
					3323	12739	6504046	15096	176698	80368	272162

DESERT CLIMATE

PA1085

MARINE TERMINAL,POL,1000000 BBL CAPAC WITH 10M BOLTED STEEL TNKS FOR EXISTS DOCK FOR TANKER DISCHARGE,TEMP,TROP& DST DST CLIM. T-2 TANKER OR SUPER TANKER DISCHARGING W/13 HR TURN AROUND TIME. MARINE TERMINAL W/EXSTG DOCK MOORING BERTH 12IN INLAND PPELN,BOOSTER PMP STA & OPER.BLDG.,TANK FARM FOR BULK STGE CF 4 PRODUCTS FOR RECEIVING 3000000 BBLS/MO-MAX REQUIRES 307 ACRES. FINE AGGR. 70CY. COARSE AGGR. 77CY. FIRE

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	IN MANHOURS GENL	IN MANHOURS TOT
12510AD	12IN SWITCH MNFLD F/TNK FARM NO PMP	12-INCH	AS REQUIRED	5.0	130	115	486060	173	1380	460	2013
12510AG	FLOOD PMP 1355BPH 12 IN MANIFOLD	1355 BPH	AS REQUIRED	8.0	112	168	403976	184	3312	920	4416
12510AK	TANK PMP POL 2800 BPH W/12IN MANIFD	2800 BPH	AS REQUIRED	2.0	14	28	32508	12	92	35	139
12510AR	TRANS PMP POL 2800 BPH W/12 IN MNFD	2800 BPH	AS REQUIRED	4.0	72	84	314656	207	1587	322	2116
12510AW	PPLN POL 1000 FT OF 12 INCH GROOVE	1000FT-12IN	AS REQUIRED	8.0	72	256	35520	138	1794	644	2576
12510BC	PPLN POL 1 MILE OF 12 INCH GROOVE	1MILE-12INCH	AS REQUIRED	24.0	1080	4248	575496	1104	26220	11592	38916
12510BK	PPLN POL 1M FT OF 8 IN API GROOVE	1000 FT	AS REQUIRED	1.2	16	19	4200	14	276	193	483
12510BL	PPLN POL 1M FT OF 12 IN API GROVE	1000 FT	AS REQUIRED	28.0	112	112	311220	322	7406	5152	12880
12530AG	BOOSTER STATION POL 7000 BPH	7000 BPH	AS REQUIRED	32.0	864	1792	1731488	1472	10304	2944	14720
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	8.0	8	8	10944	46	322	184	552
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	32.0	32	32	39872	294	1914	736	2944
12665AU	PIPE POL 12IN F/SUPER TNKR AT DOCK	12IN 2800BPH	AS REQUIRED	2.0	64	98	443206		1518	368	1886
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	10.0	50	100	52020	288	1150	518	1956
41180AC	TANK, POL, 500 BARREL, W/4 IN PIPE	500 BBL	AS REQUIRED	2.0	2	14	12884	104	414	173	691
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	4.0	4	52	37032	368	1472	598	2438
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	16.0	32	512	192704	1656	5704	4048	11408
41180AL	TANK POL 10000 BARREL W/12 IN PIPE	10000 BBL	AS REQUIRED	96.0	288	3936	2724864	16008	93840	48024	157872
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	7.0	49	105	82117	258	3679	1369	5306
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	20.0	140	160	28080	1104	5106	5152	11362
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	8.0	16	16	2656	74	1104	442	1620
					3157	11855	7521503	23826	168594	83874	276294

DDEXER4 RUN DATE 860207

DESERT CLIMATE

MARINE TERM,POL,200000 BBL CAPAC W/50M WLDD TANKS,10M & 3M BLTD STL TANKS W/JETTY FOR TANKER FOR TANKER DISCHARGE. TEMP TROP & DST CLIM. T-2 TANKER DISCHARGING W/24 HR TURN AROUND TIME.MARINE TERM W/JETTY MOORING BERTH,12IN INLD PPLN, BOOSTER PMP STA & OPER BLDG. TANK FARM FOR BLK STGE OF 4 PROD FOR RECEIVG 800000 BBLS/MO.MAX,REQUIRES 60 ACRES FINE AGGR. 20CY,COARSE AGGR. 22CY. FIREFTG EQUIP. HAND EXTG PA1095

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12510AD	12IN SWITCH MNFLD F/TNK FARM NO PMP	12-INCH	AS REQUIRED	1.0	26	23	97212	35	276	92	403
12510AG	FLOOD PMP 13558PH 12 IN MANIFOLD	1355 BPH	AS REQUIRED	1.0	14	21	50497	23	414	115	552
12510AK	TANK PMP POL 2800 BPH W/12IN MANIFD	2800 BPH	AS REQUIRED	4.0	28	56	65016	23	184	69	276
12510AR	TRANS PMP POL 2800 BPH W/12 IN MNFD	2800 BPH	AS REQUIRED	1.0	18	21	78664	52	397	81	530
12510AW	PPLN POL 1000 FT OF 12 INCH GROOVE	1000FT-12IN	AS REQUIRED	1.0	9	32	4440	17	224	81	322
12510BC	PPLN POL 1 MILE OF 12 INCH GROOVE	1MILE-12INCH	AS REQUIRED	4.0	180	708	95916	184	4370	1932	6486
12510BL	PPLN POL 1M FT OF 12 IN API GROVE	1000 FT	AS REQUIRED	4.0	16	16	44460	46	1058	736	1840
12530AG	BOOSTER STATION POL 7000 BPH	7000 BPH	AS REQUIRED	4.0	108	224	216436	184	1288	368	1840
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	2.0	2	2	2736	12	81	46	139
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	4.0	4	4	4984	37	239	92	368
12665AU	PIPE POL 12IN F/SUPER TNKR AT DOCK	12IN 2800BPH	AS REQUIRED	1.0	32	49	221603		759	184	943
16440AA	JETTY POL 14FT X 1M FT WALK&PIPEWAY	1000&40X70FT	AS REQUIRED	1.0	695	718	278329	4945	8050	219	13214
16440AB	HOSE DERRICK PARTS FOR POL WHARFS.		AS REQUIRED	1.0	2	1	2709		104	104	208
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	5.0	25	50	26010	144	575	259	978
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	1.0	1	13	9258	92	368	150	610
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	3.0	6	96	36132	311	1070	759	2140
41180AL	TANK POL 10000 BARREL W/12 IN PIPE	10000 BBL	AS REQUIRED	4.0	12	164	113536	667	3910	2001	6578
41180AN	TANK POL 50000 BARREL W/12 IN PIPE	50000 BBL	AS REQUIRED	3.0	12	579	182766	1035	15318	6900	23253
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	2.0	14	30	23462	74	1051	391	1516
84290AA	TANKER WATERING SERVICE FACILITIES,	1000 BBL	AS REQUIRED	1.0	8	28	18849		920	150	1070
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	4.0	28	32	5616	221	1021	1030	2272
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	2.0	4	4	664	18	276	110	404
					1244	2871	1579295	8120	41953	15869	65942

DESERT CLIMATE

MARINE TERM,POL,400000 BBL CAPAC W/50M WLDD TANKS,10M & 3M BLTD STL TANKS W/JETTY FOR TANKER FOR TANKER DISCHARGE. TEMP TROP & DST CLIM. T-2 TANKER DISCHARGING W/13 HR TURN AROUND TIME. MARINE TERM W/JETTY MOORING BERTH,12IN INLD PPLN, BOOSTER PMP STA & OPER BLDG. TANK FARM FOR BLK STGE OF 4 PROD FOR RECEIVG 1500000 BBLS/MO.MAX. REQUIRES 121 ACRES FINE AGGR. 40CY,COARSE AGGR. 44CY. FIREFTG EQUIP. HAND EXTG

PA1105

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	IN MANHOURS GENL	IN MANHOURS TOT
12510AD	12IN SWITCH MNFLD F/TNK FARM NO PMP	12-INCH	AS REQUIRED	3.0	78	49	291636	104	828	276	1208
12510AG	FLOOD PMP 1355BPH 12 IN MANIFOLD	1355 BPH	AS REQUIRED	2.0	28	42	100994	46	828	230	1104
12510AK	TANK PMP POL 2800 BPH W/12IN MANIFD	2800 BPH	AS REQUIRED	8.0	56	112	130032	46	368	138	552
12510AR	TRANS PMP POL 2800 BPH W/12 IN MNFD	2800 BPH	AS REQUIRED	2.0	36	42	157328	104	794	161	1059
12510AW	PPLN POL 1000 FT OF 12 INCH GROOVE	1000FT-12IN	AS REQUIRED	8.0	72	256	35520	138	1794	644	2576
12510BC	PPLN POL 1 MILE OF 12 INCH GROOVE	1MILE-12INCH	AS REQUIRED	12.0	540	2124	287748	552	13110	5796	19458
12510BL	PPLN POL 1M FT OF 12 IN API GROVE	1000 FT	AS REQUIRED	2.0	8	8	22230	23	529	368	920
12530AG	BOOSTER STATION POL 7000 BPH	7000 BPH	AS REQUIRED	8.0	216	448	432872	368	2576	736	3680
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	4.0	4	4	5472	23	161	92	276
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	12.0	12	12	14952	110	718	276	1104
12665AU	PIPE POL 12IN F/SUPER TNKR AT DOCK	12IN 2800BPH	AS REQUIRED	1.0	32	49	221603		759	184	943
16440AA	JETTY POL 14FT X 1M FT WALK&PIPEWAY	1000&40X70FT	AS REQUIRED	1.0	695	718	278329	4945	8050	219	13214
16440AB	HOSE DERRICK PARTS FOR POL WHARFS.		AS REQUIRED	1.0	2	1	2709		104	104	208
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	4.0	20	40	20808	115	460	207	782
41180AC	TANK, POL, 500 BARREL, W/4 IN PIPE	500 BBL	AS REQUIRED	2.0	2	14	12884	104	414	173	691
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	2.0	2	26	18516	184	736	299	1219
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	6.0	12	192	72264	621	2139	1518	4278
41180AL	TANK POL 10000 BARREL W/12 IN PIPE	10000 BBL	AS REQUIRED	8.0	24	328	227072	1334	7820	4002	13156
41180AN	TANK POL 50000 BARREL W/12 IN PIPE	50000 BBL	AS REQUIRED	6.0	24	1158	365532	2070	30636	13800	46506
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	4.0	28	60	46924	147	2102	782	3031
84290AA	TANKER WATERING SERVICE FACILITIES,	1000 BBL	AS REQUIRED	1.0	8	28	18849		920	150	1070
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	8.0	56	64	11232	442	2042	2061	4545
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	4.0	8	8	1328	37	552	221	810
					1963	5803	2776834	11513	78440	32437	122390

DESERT CLIMATE

MARINE TERM,POL,400000 BBL CAPAC W/50M WLDD TANKS,10M & 3M BLTD STL TANKS W/JETTY FOR TANKER FOR TANKER DISCHARGE. TEMP TROP & DST CLIM. T-2 TANKER DISCHARGING W/13 HR TURN AROUND TIME.MARINE TERM W/JETTY MOORING BERTH,12IN INLD PPLN, BOOSTER PMP STA & OPER BLDG. TANK FARM FOR BLK STGE OF 4 PROD FOR RECEIVG 1500000 BBLS/MO.MAX. REQUIRES 121 ACRES FINE AGGR. 40CY,COARSE AGGR. 44CY. FIREFTG EQUIP. HAND EXTG PA1115

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12510AD	12IN SWITCH MNFLD F/TNK FARM NO PMP	12-INCH	AS REQUIRED	3.0	78	69	291636	104	828	276	1208
12510AG	FLOOD PMP 1355BPH 12 IN MANIFOLD	1355 BPH	AS REQUIRED	2.0	28	42	100994	46	828	230	1104
12510AK	TANK PMP POL 2800 BPH W/12IN MANIFD	2800 BPH	AS REQUIRED	8.0	56	112	130032	46	368	138	552
12510AR	TRANS PMP POL 2800 BPH W/12 IN MNFD	2800 BPH	AS REQUIRED	2.0	36	42	157328	104	794	161	1059
12510AW	PPLN POL 1000 FT OF 12 INCH GROOVE	1000FT-12IN	AS REQUIRED	8.0	72	256	35520	138	1794	644	2576
12510BC	PPLN POL 1 MILE OF 12 INCH GROOVE	1MILE-12INCH	AS REQUIRED	20.0	900	3540	479580	920	21850	9660	32430
12510BL	PPLN POL 1M FT OF 12 IN API GROVE	1000 FT	AS REQUIRED	2.0	8	8	22230	23	529	368	920
12530AG	BOOSTER STATION POL 7000 BPH	7000 BPH	AS REQUIRED	16.0	432	896	865744	736	5152	1472	7360
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	4.0	4	4	5472	23	161	92	276
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	20.0	20	20	24920	184	1196	460	1840
12665AU	PIPE POL 12IN F/SUPER TNKR AT DOCK	12IN 2800BPH	AS REQUIRED	2.0	64	98	443206		1518	368	1886
16440AA	JETTY POL 14FT X 1M FT WALK&PIPEWAY	1000&40X70FT	AS REQUIRED	1.0	695	718	278329	4945	8050	219	13214
16440AB	HOSE DERRICK PARTS FOR POL WHARFS.		AS REQUIRED	1.0	2	1	2709		104	104	208
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	4.0	20	40	20808	115	460	207	782
41180AC	TANK, POL, 500 BARREL, W/4 IN PIPE	500 BBL	AS REQUIRED	2.0	2	14	12884	104	414	173	691
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	2.0	2	26	18516	184	736	299	1219
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	6.0	12	192	72264	621	2139	1518	4278
41180AL	TANK POL 10000 BARREL W/12 IN PIPE	10000 BBL	AS REQUIRED	8.0	24	328	227072	1334	7820	4002	13156
41180AN	TANK POL 50000 BARREL W/12 IN PIPE	50000 BBL	AS REQUIRED	6.0	24	1158	365532	2070	30636	13800	46506
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	4.0	28	60	46924	147	2102	782	3031
84290AA	TANKER WATERING SERVICE FACILITIES,	1000 BBL	AS REQUIRED	1.0	8	28	18849		920	150	1070
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	8.0	56	64	11232	442	2042	2061	4545
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	4.0	8	8	1328	37	552	221	810
					2579	7724	3633109	12323	90993	37405	140721

DESERT CLIMATE

MARINE TERM,POL,1000000 BBL CAPAC W/50M WLDD TANKS,10M & 3M PA1125
BLTD STL TANKS W/JETTY FOR TANKER FOR TANKER DISCHARGE. TEMP
TROP & DST CLIM. T-2 TANKER DISCHARGING W/13 HR TURN AROUND
TIME.MARINE TERM W/JETTY MOORING BERTH,12IN INLD PPLN,
BOOSTER PMP STA & OPER BLDG.TANK FARM FOR BLK STGE OF 4 PROD
FOR RECEIVG 3000000 BBLS/MO.MAX. REQUIRES 307 ACRES
FINE AGGR. 80CY,COARSE AGGR. 88CY. FIREFTG EQUIP. HAND EXTG

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12510AD	12IN SWITCH MNFLD F/TNK FARM NO PMP	12-INCH	AS REQUIRED	5.0	130	115	486060	173	1380	460	2013
12510AG	FLOOD PMP 1355BPH 12 IN MANIFOLD	1355 BPH	AS REQUIRED	8.0	112	168	403976	184	3312	920	4416
12510AK	TANK PMP POL 2800 BPH W/12IN MANIFD	2800 BPH	AS REQUIRED	16.0	112	224	260064	92	736	276	1104
12510AR	TRANS PMP POL 2800 BPH W/12 IN MNFD	2800 BPH	AS REQUIRED	4.0	72	84	314656	207	1587	322	2116
12510AW	PPLN POL 1000 FT OF 12 INCH GROOVE	1000FT-12IN	AS REQUIRED	4.0	36	128	17760	69	897	322	1288
12510BC	PPLN POL 1 MILE OF 12 INCH GROOVE	1MILE-12INCH	AS REQUIRED	16.0	720	2832	383664	736	17480	7728	25944
12510BL	PPLN POL 1M FT OF 12 IN API GROVE	1000 FT	AS REQUIRED	24.0	96	96	266760	276	6348	4416	11040
12530AG	BOOSTER STATION POL 7000 BPH	7000 BPH	AS REQUIRED	16.0	432	896	865744	736	5152	1472	7360
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	8.0	8	8	10944	46	322	184	552
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	16.0	16	16	19936	147	957	368	1472
12665AU	PIPE POL 12IN F/SUPER TNKR AT DOCK	12IN 2800BPH	AS REQUIRED	1.0	32	49	221603		759	184	943
16440AA	JETTY POL 14FT X 1M FT WALK&PIPEWAY	1000$40X70FT	AS REQUIRED	1.0	695	718	278329	4945	8050	219	13214
16440AB	HOSE DERRICK PARTS FOR POL WHARFS.		AS REQUIRED	1.0	2	1	2709		104	104	208
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	10.0	50	100	52020	288	1150	518	1956
41180AC	TANK, POL, 500 BARREL, W/4 IN PIPE	500 BBL	AS REQUIRED	2.0	2	14	12884	104	414	173	691
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	4.0	4	52	37032	368	1472	598	2438
41180AL	TANK POL 10000 BARREL W/12 IN PIPE	10000 BBL	AS REQUIRED	20.0	60	820	567680	3335	19550	10005	32890
41180AN	TANK POL 50000 BARREL W/12 IN PIPE	50000 BBL	AS REQUIRED	1.6	6	309	97475	552	8170	3680	12402
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	8.0	56	120	93848	294	4204	1564	6062
84290AA	TANKER WATERING SERVICE FACILITIES,	1000 BBL	AS REQUIRED	1.0	8	28	18849		920	150	1070
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	15.0	105	120	21060	828	3830	3864	8522
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	8.0	16	16	2656	74	1104	442	1620
					2770	6914	4435709	13454	87898	37969	139321

DESERT CLIMATE

MARINE TERM,POL,1000000 BBL CAPAC W/50M WLDD TANKS, 10M & 3M BLTD STL TANKS W/JETTY FOR TANKER FOR TANKER DISCHARGE. TEMP TROP & DST CLIM. T-2 TANKER DISCHARGING W/13 HR TURN AROUND AROUND TIME.MARINE TERM W/JETTY MOORING BERTH,12IN INLD PPLN,BOOSTER PMP STA & OPER BLDG. TANK FARM FOR BLK STGE OF 4 PROD FOR RECEIVG 3000000 BBLS/MO.MAX. REQUIRES 307 ACRES FINE AGGR. 80CY,COARSE AGGR. 83CY. FIREFTG EQUIP. HAND EXTG PA1135

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12510AD	12IN SWITCH MNFLD F/TNK FARM NO PMP	12-INCH	AS REQUIRED	5.0	130	115	686060	173	1380	460	2013
12510AG	FLOOD PMP 1355BPH 12 IN MANIFOLD	1355 BPH	AS REQUIRED	8.0	112	168	403976	184	3312	920	4416
12510AK	TANK PMP POL 2800 BPH W/12IN MANIFD	2800 BPH	AS REQUIRED	16.0	112	224	260064	92	736	276	1104
12510AR	TRANS PMP POL 2800 BPH W/12 IN MNFD	2800 BPH	AS REQUIRED	4.0	72	84	314656	207	1587	322	2116
12510AW	PPLN POL 1000 FT OF 12 INCH GROOVE	1000FT-12IN	AS REQUIRED	4.0	36	128	17760	69	897	322	1288
12510BC	PPLN POL 1 MILE OF 12 INCH GROOVE	1MILE-12INCH	AS REQUIRED	32.0	1440	5664	767328	1472	34960	15456	51888
12510BL	PPLN POL 1M FT OF 12 IN API GROVE	1000 FT	AS REQUIRED	24.0	96	96	266760	276	6348	4416	11040
12530AG	BOOSTER STATION POL 7000 BPH	7000 BPH	AS REQUIRED	32.0	864	1792	1731488	1472	10304	2944	14720
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	8.0	8	8	10944	46	322	184	552
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	32.0	32	32	39872	294	1914	736	2944
12665AU	PIPE POL 12IN F/SUPER TNKR AT DOCK	12IN 2800BPH	AS REQUIRED	2.0	64	98	443206		1518	368	1886
16440AA	JETTY POL 14FT X 1M FT WALK&PIPEWAY	1000&40X70FT	AS REQUIRED	1.0	695	718	278329	4945	8050	219	13214
16440AB	HOSE DERRICK PARTS FOR POL WHARFS.		AS REQUIRED	1.0	2	1	2709		104	104	208
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	10.0	50	100	52020	288	1150	518	1956
41180AC	TANK, POL, 500 BARREL, W/4 IN PIPE	500 BBL	AS REQUIRED	2.0	2	14	12884	104	414	173	691
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	4.0	4	52	37032	368	1472	598	2438
41180AL	TANK POL 10000 BARREL W/12 IN PIPE	10000 BBL	AS REQUIRED	20.0	60	820	567680	3335	19550	10005	32890
41180AN	TANK POL 50000 BARREL W/12 IN PIPE	50000 BBL	AS REQUIRED	16.0	64	3088	974752	5520	81696	36800	124016
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	8.0	56	120	93848	294	4204	1564	6062
84290AA	TANKER WATERING SERVICE FACILITIES,	1000 BBL	AS REQUIRED	1.0	8	28	18849		920	150	1070
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	15.0	105	120	21060	828	3830	3864	8522
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	8.0	16	16	2656	74	1104	442	1620
					4028	13486	6803933	20041	185772	80841	286654

DESERT CLIMATE

MARINE TERMINAL,POL,200000 BARREL CAPAC W/50M WLDD TNKS,10M AND 3M BLTD TANKS W/12 SUBM PPLN. TEMP,TROP & DST CLIMATE. T-2 TANKER DISCHARGING W/24HR TURN AROUND TIME. MARINE TERM W/5-LEG MOORING BERTH,12IN SUBMARINE PPLN,12IN INLAND PPLN BOOSTER PMP STA & OPER BLDG.TANK FARM COMPLEX FOR STGE OF 6 PROD. FOR RECEIVG 800000 BBLS/MO.MAX. REQUIRES 60 ACRES FINE AGGR. 20CY. COARSE AGGR. 22CY. FIREFTG EQUIP. HAND EXT. PA1145

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	GENL	TOT
12510AD	12IN SWITCH MNFLD F/TNK FARM NO PMP	12-INCH	AS REQUIRED	1.0	26	23	97212	35	276	92	403
12510AG	FLOOD PMP 1355BPH 12 IN MANIFOLD	1355 BPH	AS REQUIRED	1.0	14	21	50497	23	414	115	552
12510AK	TANK PMP POL 2800 BPH W/12IN MANIFD	2800 BPH	AS REQUIRED	4.0	28	56	65016	23	184	69	276
12510AR	TRANS PMP POL 2800 BPH W/12 IN MNFD	2800 BPH	AS REQUIRED	1.0	18	21	78664	52	397	81	530
12510AW	PPLN POL 1000 FT OF 12 INCH GROOVE	1000FT-12IN	AS REQUIRED	1.0	9	32	4440	17	224	81	322
12510BC	PPLN POL 1 MILE OF 12 INCH GROOVE	1MILE-12INCH	AS REQUIRED	4.0	180	708	95916	184	4370	1932	6486
12510BL	PPLN POL 1M FT OF 12 IN API GROVE	1000 FT	AS REQUIRED	4.0	16	16	44460	46	1058	736	1840
12530AG	BOOSTER STATION POL 7000 BPH	7000 BPH	AS REQUIRED	4.0	108	224	216436	184	1288	368	1840
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	2.0	2	2	2736	12	81	46	139
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	4.0	4	4	4984	37	239	92	368
12590AT	PPLN SUBMAR 12IN POL 60FT DEP 1 MI	5300FT-12IN	AS REQUIRED	1.0	275	322	96144	2070	2565	943	5578
16390AD	TNKR MOORING POL 5LEGS-60 FT DEPTH	5LEG 60FT DP	AS REQUIRED	1.0	98	254	169468	690	771	460	1921
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	3.0	15	30	15606	86	345	155	586
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	1.0	1	13	9258	92	368	150	610
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	3.0	6	96	36132	311	1070	759	2140
41180AL	TANK POL 10000 BARREL W/12 IN PIPE	10000 BBL	AS REQUIRED	4.0	12	164	113536	667	3910	2001	6578
41180AN	TANK POL 50000 BARREL W/12 IN PIPE	50000 BBL	AS REQUIRED	3.0	12	579	182766	1035	15318	6900	23253
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	2.0	14	30	23462	74	1051	391	1516
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	4.0	28	32	5616	221	1021	1030	2272
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	1.0	2	2	332	9	138	55	202
					868	2629	1312681	5868	35088	16456	57412

DESERT CLIMATE

MARINE TERMINAL,POL,400000 BARREL CAPAC W/5OM WLDD TNKS,1OM AND 3M BLTD TANKS W/12 SUBM PPLN. TEMP,TROP & DST CLIMATE. T-2 OR SUPER TNK DISCHG W/13HR TURN AROUND TIME. MARINE TERM W/7-LEG MOORING BERTH. 12IN SUBMARINE PPLN, 12IN INLAND PPLN,BOOSTER PMP STA & OPER BLDG. TANK FARM COMPLEX FOR STGE OF 4 PROD. FOR RECEIVG 1500000 BBLS/MO.MAX.REQUIRES 121 ACRE FINE AGGR. 40CY. COARSE AGGR. 44CY. FIREFTG EQUIP. HAND EXT. PA1155

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12510AD	12IN SWITCH MNFLD F/TNK FARM NO PMP	12-INCH	AS REQUIRED	3.0	78	69	291636	104	828	276	1208
12510AG	FLOOD PMP 1355BPH 12 IN MANIFOLD	1355 BPH	AS REQUIRED	2.0	28	42	100994	46	828	230	1104
12510AK	TANK PMP POL 2800 BPH W/12IN MANIFD	2800 BPH	AS REQUIRED	8.0	56	112	130032	46	368	138	552
12510AR	TRANS PMP POL 2800 BPH W/12 IN MNFD	2800 BPH	AS REQUIRED	2.0	36	42	157328	104	794	161	1059
12510AW	PPLN POL 1000 FT OF 12 INCH GROOVE	1000FT-12IN	AS REQUIRED	2.0	18	64	8880	35	449	161	645
12510BC	PPLN POL 1 MILE OF 12 INCH GROOVE	1MILE-12INCH	AS REQUIRED	4.0	180	708	95916	184	4370	1932	6486
12510BL	PPLN POL 1M FT OF 12 IN API GROVE	1000 FT	AS REQUIRED	8.0	32	32	88920	92	2116	1472	3680
12530AG	BOOSTER STATION POL 7000 BPH	7000 BPH	AS REQUIRED	8.0	216	448	432872	368	2576	736	3680
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	4.0	4	4	5472	23	161	92	276
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	8.0	8	8	9968	74	478	184	736
12590AT	PPLN SUBMAR 12IN POL 60FT DEP 1 MI	5300FT-12IN	AS REQUIRED	1.0	275	322	96144	2070	2565	943	5578
16390AG	TNKR MOORING POL 7LEGS-60 FT DEPTH	7LEG 60FT DP	AS REQUIRED	1.0	136	351	235507	966	1035	644	2645
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	4.0	20	40	20808	115	460	207	782
41180AC	TANK, POL, 500 BARREL, W/4 IN PIPE	500 BBL	AS REQUIRED	2.0	2	14	12884	104	414	173	691
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	2.0	2	26	18516	184	736	299	1219
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	6.0	12	192	72264	621	2139	1518	4278
41180AL	TANK POL 10000 BARREL W/12 IN PIPE	10000 BBL	AS REQUIRED	8.0	24	328	227072	1334	7820	4002	13156
41180AN	TANK POL 50000 BARREL W/12 IN PIPE	50000 BBL	AS REQUIRED	6.0	24	1158	365532	2070	30636	13800	46506
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	4.0	28	60	46924	147	2102	782	3031
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	8.0	56	64	11232	442	2042	2061	4545
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	4.0	8	8	1328	37	552	221	810
					1243	4092	2430229	9166	63469	30032	102667

DESERT CLIMATE

MARINE TERMINAL,POL,40000 BARREL CAPAC W/5OM WLDD TNKS,10M AND 3M BLTD TANKS W/12 SUBM PPLN. TEMP,TROP & DST CLIMATE. T-2 OR SUPER TNK DISCHG W/13HR TURN AROUND TIME. MARINE TERM W/7-LEG MOORING BERTH. 12IN SUBMARINE PPLN,12IN INLAND PPLN,BOOSTER PMP STA & OPER BLDG. TANK FARM COMPLEX FOR STGE OF 4 PROD. FOR RECIEVING 1500000 BBLS/MO.MAX. REQUIRES 121 ACRES. FINE AGGR. 40CY. COARSE AGGR. 44CY. FIREFTG EQUIP. PA1165

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR MANHRS	EFFORT IN MANHOURS VERT	EFFORT IN MANHOURS GENL	EFFORT IN MANHOURS TOT
12510AD	12IN SWITCH MNFLD F/TNK FARM NO PMP	12-INCH	AS REQUIRED	3.0	78	69	291636	104	828	276	1208
12510AG	FLOOD PMP 1355BPH 12 IN MANIFOLD	1355 BPH	AS REQUIRED	2.0	28	42	100994	46	828	230	1104
12510AK	TANK PMP POL 2800 BPH W/12IN MANIFD	2800 BPH	AS REQUIRED	8.0	56	112	130032	46	368	138	552
12510AR	TRANS PMP POL 2800 BPH W/12 IN MNFD	2800 BPH	AS REQUIRED	2.0	36	42	157328	104	794	161	1059
12510AW	PPLN POL 1000 FT OF 12 INCH GROOVE	1000FT-12IN	AS REQUIRED	2.0	18	64	8880	35	449	161	645
12510BC	PPLN POL 1 MILE OF 12 INCH GROOVE	1MILE-12INCH	AS REQUIRED	12.0	540	2124	287748	552	13110	5796	19458
12510BL	PPLN POL 1M FT OF 12 IN API GROVE	1000 FT	AS REQUIRED	8.0	32	32	88920	92	2116	1472	3680
12530AG	BOOSTER STATION POL 7000 BPH	7000 BPH	AS REQUIRED	12.0	324	672	649308	552	3864	1104	5520
12530AH	LOADING PMP FOR 2TNK/TRK/5CAR INSTL	700X1400 BPH	AS REQUIRED	3.0	24	75	55329	35	293	86	414
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	4.0	4	4	5472	23	161	92	276
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	12.0	12	12	14952	110	718	276	1104
12590AT	PPLN SUBMAR 12IN POL 60FT DEP 1 MI	5300FT-12IN	AS REQUIRED	2.0	550	644	192288	4140	5129	1886	11155
16390AG	TNKR MOORING POL 7LEGS-60 FT DEPTH	7LEG 60FT DP	AS REQUIRED	1.0	136	351	235507	966	1035	644	2645
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	4.0	20	40	20808	115	460	207	782
41180AC	TANK, POL, 500 BARREL, W/4 IN PIPE	500 BBL	AS REQUIRED	2.0	2	14	12884	104	414	173	691
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	2.0	2	26	18516	184	736	299	1219
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	6.0	12	192	72264	621	2139	1518	4278
41180AL	TANK POL 10000 BARREL W/12 IN PIPE	10000 BBL	AS REQUIRED	8.0	24	328	227072	1334	7820	4002	13156
41180AN	TANK POL 50000 BARREL W/12 IN PIPE	50000 BBL	AS REQUIRED	6.0	24	1158	365532	2070	30636	13800	46506
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	4.0	28	60	46924	147	2102	782	3031
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	8.0	56	64	11232	442	2042	2061	4545
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	4.0	8	8	1328	37	552	221	810
					2014	6133	2994954	11859	76594	35385	123838

DESERT CLIMATE

MARINE TERMINAL,POL,1000000 BARREL CAPAC W/50M WLDD TNKS, PA1175
10M & 3M BLTD TANKS W/12 SUBM PPLN. TEMP,TROP & DST CLIMATE.
T-2 OR SUPER TANKER DISCHARGING W/13 HR TURN AROUND TIME.
MARINE TERM W/7-LEG MOORING BERTH.12IN SUBMARINE PPLN,12IN
INLAND PPLN,BOOSTER PMP STA & OPER BLDG.TANK FARM COMPLEX
FOR STGE OF 4 PROD. FOR RECEIVG 3000000 BBLS/MO.MAX. REQUIRE
307 ACRES. FINE AGGR. 80CY. COARSE AGGR. 88CY. FIREFTG EQUIP

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	VERT	GENL	TOT
12510AD	12IN SWITCH MNFLD F/TNK FARM NO PMP	12-INCH	AS REQUIRED	5.0	130	115	486060	173	1380	460	2013
12510AG	FLOOD PMP 1355BPH 12 IN MANIFOLD	1355 BPH	AS REQUIRED	8.0	112	168	403976	184	3312	920	4416
12510AK	TANK PMP POL 2800 BPH W/12IN MANIFD	2800 BPH	AS REQUIRED	16.0	112	224	260064	92	736	276	1104
12510AR	TRANS PMP POL 2800 BPH W/12 IN MNFD	2800 BPH	AS REQUIRED	4.0	72	84	314656	207	1587	322	2116
12510AW	PPLN POL 1000 FT OF 12 INCH GROOVE	1000FT-12IN	AS REQUIRED	4.0	36	128	17760	69	897	322	1288
12510BC	PPLN POL 1 MILE OF 12 INCH GROOVE	1MILE-12INCH	AS REQUIRED	16.0	720	2832	383664	736	17480	7728	25944
12510BL	PPLN POL 1M FT OF 12 IN API GROVE	1000 FT	AS REQUIRED	24.0	96	96	266760	276	6368	4416	11060
12530AG	BOOSTER STATION POL 7000 BPH	7000 BPH	AS REQUIRED	16.0	432	896	865744	736	5152	1472	7360
12530AH	LOADING PMP FOR 2TNK/TRK/5CAR INSTL	700X1400 BPH	AS REQUIRED	5.0	40	125	92215	58	689	144	691
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	12.0	12	12	14952	110	718	276	1104
12590AT	PPLN SUBMAR 12IN POL 60FT DEP 1 MI	5300FT-12IN	AS REQUIRED	1.0	275	322	96144	2070	2565	943	5578
16390AG	TNKR MOORING POL 7LEGS-60 FT DEPTH	7LEG 60FT DP	AS REQUIRED	1.0	136	351	235507	966	1035	644	2645
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	10.0	50	100	52020	288	1150	518	1956
41180AC	TANK, POL, 500 BARREL, W/4 IN PIPE	500 BBL	AS REQUIRED	2.0	2	14	12884	104	414	173	691
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	4.0	4	52	37032	368	1472	598	2438
41180AL	TANK POL 10000 BARREL W/12 IN PIPE	10000 BBL	AS REQUIRED	20.0	60	820	567680	3335	19550	10005	32890
41180AN	TANK POL 50000 BARREL W/12 IN PIPE	50000 BBL	AS REQUIRED	16.0	64	3088	974752	5520	81696	36800	124016
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	8.0	56	120	93848	294	4204	1564	6062
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	15.0	105	120	21060	828	3830	3864	8522
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	8.0	16	16	2656	74	1104	442	1620
					2530	9683	5199434	16488	155119	71887	243494

DESERT CLIMATE

MARINE TERMINAL,POL,1000000 BARREL CAPAC W/50M WLDD TNKS,10M PA1185
AND 3M BLTD TANKS W/12 SUBM PPLN. TEMP,TROP & DST CLIMATE.
T-2 OR SUPER TNKR DISCH W/13HR TURN AROUND TIME.MARINE TERM
W/7-LEG MOORING BERTH.12IN SUBMARINE PPLN,12IN INLAND PPLN,
BOOSTER PMP STA & OPER BLDG. TANK FARM COMPLEX FOR STGE OF
& PROD. FOR RECEIVING 3000000 BBLS/MO.MAX. REQUIRES ... ACRE
S. FINE AGGR. 80CY. COARSE AGGR. 88CY. FIREFTG EQUIP. HAND

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	VOL-MT	COST	CONSTR EFFORT IN MANHOURS HORZ	VERT	GENL	TOT
12510AD	12IN SWITCH MNFLD F/TNK FARM NO PMP	12-INCH	AS REQUIRED	5.0	130	115	486060	173	1380	460	2013
12510AG	FLOOD PMP 1355BPH 12 IN MANIFOLD	1355 BPH	AS REQUIRED	8.0	112	168	403976	184	3312	920	4416
12510AK	TANK PMP POL 2800 BPH W/12IN MANIFD	2800 BPH	AS REQUIRED	16.0	112	224	260064	92	736	276	1104
12510AR	TRANS PMP POL 2800 BPH W/12 IN MNFD	2800 BPH	AS REQUIRED	4.0	72	84	314656	207	1587	322	2116
12510AW	PPLN POL 1000 FT OF 12 INCH GROOVE	1000FT-12IN	AS REQUIRED	4.0	36	128	17760	69	897	322	1288
12510BC	PPLN POL 1 MILE OF 12 INCH GROOVE	1MILE-12INCH	AS REQUIRED	32.0	1440	5664	767328	1472	34960	15456	51888
12510BL	PPLN POL 1M FT OF 12 IN API GROVE	1000 FT	AS REQUIRED	24.0	96	96	266760	276	6348	4416	11040
12530AG	BOOSTER STATION POL 7000 BPH	7000 BPH	AS REQUIRED	32.0	864	1792	1731488	1472	10304	2944	14720
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	8.0	8	8	10944	46	322	184	552
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	12.0	12	12	14952	110	718	276	1104
12590AT	PPLN SUBMAR 12IN POL 60FT DEP 1 MI	5300FT-12IN	AS REQUIRED	2.0	550	644	192288	4140	5129	1886	11155
16390AG	TNKR MOORING POL 7LEGS-60 FT DEPTH	7LEG 60FT DP	AS REQUIRED	1.0	136	351	235507	966	1035	644	2645
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	10.0	50	100	52020	288	1150	518	1956
41180AC	TANK, POL, 500 BARREL, W/4 IN PIPE	500 BBL	AS REQUIRED	2.0	2	14	12884	104	414	173	691
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	4.0	4	52	37032	368	1472	598	2438
41180AL	TANK POL 10000 BARREL W/12 IN PIPE	10000 BBL	AS REQUIRED	20.0	60	820	567680	3335	19550	10005	32890
41180AN	TANK POL 50000 BARREL W/12 IN PIPE	50000 BBL	AS REQUIRED	16.0	64	3088	974752	5520	81696	36800	124016
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	8.0	56	120	93848	294	4204	1564	6062
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	15.0	105	120	21060	828	3830	3864	8522
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	8.0	16	16	2656	74	1104	442	1620
					3925	13616	6463715	20018	180148	82070	282236

DESERT CLIMATE

150000 BBL TNK FARM BULK STGE WITH 8IN PIPE & ACCESSORIES PB1019
TEMPERATE,TROPIC,FRIGID & DESERT. USES 2-50M BBL AND 4-10M
&3-3M BLTD STEEL TANKS W/ 8IN PIPE, FITTINGS,PMPS MANIFOLDS,
OPERATIONS BLDG. WATER STGE TANK & SECURITY FENCING.
REQUIRES 26 ACRES. 10CY FINE AGGR. 11CY. COARSE AGGR. HAND
EXT. ONLY INCLUDED W/INSTALLATION AS FIREFIGHTING EQUIP.

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12510AC	8IN-SWITCH MNFLD F/TNK FARM W/O PMP	8-INCH	AS REQUIRED	1.0	16	16	19680	12	207	69	288
12510AF	FLOOD PMP 1355BPH 8IN MANIFOLD	1355 BPH	AS REQUIRED	2.0	22	40	41254	46	644	184	874
12510AJ	TANK PMP POL 1400 BPH W/8 IN MANIFD	1400 BPH	AS REQUIRED	4.0	16	36	31748	23	161	46	230
12510AP	TRANS PMP POL 1400 BPH W/8 IN MNFD	1400 BPH	AS REQUIRED	1.0	12	16	16109	40	282	58	380
12510AV	PPLN POL 1000 FT OF 8 INCH GROOVE	1000FT-4IN	AS REQUIRED	1.0	6	15	9258	12	127	69	208
12510BK	PPLN POL 1M FT OF 8 IN API GROOVE	1000 FT	AS REQUIRED	3.0	39	48	10500	35	690	483	1208
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	2.0	2	2	2736	12	81	46	139
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	1.0	5	10	5202	29	115	52	196
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	1.0	1	13	9258	92	368	150	610
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	3.0	6	96	36132	311	1070	759	2140
41180AK	TANK POL 10000 BARREL W/8 IN PIPE	10000 BBL	AS REQUIRED	4.0	12	160	80460	644	3910	1978	6532
41180AM	TANK POL 50000 BARREL W/8 IN PIPE	50000 BBL	AS REQUIRED	2.0	8	386	105694	690	10189	4600	15479
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	1.0	7	15	11731	37	526	196	759
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	3.4	24	27	4774	188	868	876	1932
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	2.0	4	4	664	18	276	110	404
					180	884	385200	2189	19514	9676	31379

DDEXER4 RUN DATE 860207

DESERT CLIMATE

200000 BBL TNK FARM BULK STGE WITH BIN PIPE & ACCESSORIES PB1029
TEMPERATE,TROPIC,FRIGID & DESERT. USES 3-50M BBL & 4-10M &3-
3M BLTD STEEL TANKS W/8IN PIPE,FITTINGS,PMPS,MANIFOLDS,
OPERATIONS BLDG. WATER STGE TANK & SECURITY FENCING. REQUIRE
11 ACRES. 10CY FINE AGGR. 11CY COARSE AGGR. HAND EXT. ONLY
INCLUDED W/INSTALLATION AS FIREFIGHTING EQUIP.

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12510AC	BIN-SWITCH MNFLD F/TNK FARM W/O PMP	8-INCH	AS REQUIRED	1.0	16	16	19680	12	207	69	288
12510AF	FLOOD PMP 1355BPH 8IN MANIFOLD	1355 BPH	AS REQUIRED	2.0	22	40	41254	46	644	184	874
12510AP	TRANS PMP POL 1400 BPH W/8 IN MNFD	1400 BPH	AS REQUIRED	1.0	12	16	16109	40	282	58	380
12510AV	PPLN POL 1000 FT OF 8 INCH GROOVE	1000FT-4IN	AS REQUIRED	1.0	6	15	9258	12	127	69	208
12510BK	PPLN POL 1M FT OF 8 IN API GROOVE	1000 FT	AS REQUIRED	4.0	52	64	14000	46	920	644	1610
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	2.0	2	2	2736	12	81	46	139
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	1.0	5	10	5202	29	115	52	196
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	1.0	1	13	9258	92	368	150	610
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	3.0	6	96	36132	311	1070	759	2140
41180AK	TANK POL 10000 BARREL W/8 IN PIPE	10000 BBL	AS REQUIRED	4.0	12	160	80460	644	3910	1978	6532
41180AM	TANK POL 50000 BARREL W/8 IN PIPE	50000 BBL	AS REQUIRED	3.0	12	579	158541	1035	15284	6900	23219
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	1.0	7	15	11731	37	526	196	759
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	3.6	25	29	5056	199	919	927	2045
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	2.0	4	4	664	18	276	110	404
					182	1059	410079	2533	24729	12142	39404

DESERT CLIMATE

200000 BBL TNK FARM BULK STGE WITH 12IN PIPE & ACCESSORIES PB1039
TEMPERATE,TROPIC,FRIGID & DESERT. USES 3-50M BBL & 4-10M & 3-3M BBL STEEL TANKS W/12IN PIPE,FITTINGS,PMPS,MANIFOLDS, OPERATIONS BLDG.WATER STORAGE TANK & SECURITY FENCING. REQUIRES 11 ACRES. 10CY FINE AGGR. 11CY COARSE AGGR. HAND EXT. ONLY INCLUDED W/INSTALLATION AS FIREFIGHTING EQUIP.

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12510AD	12IN SWITCH MNFLD F/TNK FARM NO PMP	12-INCH	AS REQUIRED	1.0	26	23	97212	35	276	92	403
12510AG	FLOOD PMP 1355BPH 12 IN MANIFOLD	1355 BPH	AS REQUIRED	2.0	28	42	100994	46	828	230	1104
12510AK	TANK PMP POL 2800 BPH W/12IN MANIFD	2800 BPH	AS REQUIRED	4.0	28	56	65016	23	184	69	276
12510AR	TRANS PMP POL 2800 BPH W/12 IN MNFD	2800 BPH	AS REQUIRED	1.0	18	21	78664	52	397	81	530
12510AW	PPLN POL 1000 FT OF 12 INCH GROOVE	1000FT-12IN	AS REQUIRED	1.0	9	32	4440	17	224	81	322
12510BL	PPLN POL 1M FT OF 12 IN API GROVE	1000 FT	AS REQUIRED	4.0	16	16	44460	46	1058	736	1840
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	2.0	2	2	2736	12	81	46	139
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	1.0	5	10	5202	29	115	52	196
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	1.0	1	13	9258	92	368	150	610
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	3.0	6	96	36132	311	1070	759	2140
41180AL	TANK POL 10000 BARREL W/12 IN PIPE	10000 BBL	AS REQUIRED	4.0	12	164	113536	667	3910	2001	6578
41180AN	TANK POL 50000 BARREL W/12 IN PIPE	50000 BBL	AS REQUIRED	3.0	12	579	182766	1035	15318	6900	23253
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	1.0	7	15	11731	37	526	196	759
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	3.6	25	29	5054	199	919	927	2045
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	2.0	4	4	664	18	276	110	404
					199	1102	757865	2619	25550	12430	40599

DESERT CLIMATE

250000 BBL TNK FARM BULK STGE WITH 8IN PIPE & ACCESSORIES PB1049
TEMPERATE,TROPIC,FRIGID & DESERT. USES 4-50M BBL & 5-10000 BBL BLTD STEEL TANKS W / 8IN PIPE, FITTINGS, PMPS MANIFOLDS OPERATIONS BLDG,WATER STGE TANK & SECURITY FENCING. REQUIRES 28 ACRES. 10CY FINE AGGR. 11CY COARSE AGGR. HAND EXT. ONLY INCLUDED W/INSTALLATION AS FIREFIGHTING EQUIP.

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12510AC	8IN-SWITCH MNFLD F/TNK FARM W/O PMP	8-INCH	AS REQUIRED	1.0	16	16	19680	12	207	69	288
12510AF	FLOOD PMP 1355BPH 8IN MANIFOLD	1355 BPH	AS REQUIRED	2.0	22	40	41254	46	644	184	874
12510AJ	TANK PMP POL 1400 BPH W/8 IN MANIFD	1400 BPH	AS REQUIRED	4.0	16	36	31748	23	161	46	230
12510AP	TRANS PMP POL 1400 BPH W/8 IN MNFD	1400 BPH	AS REQUIRED	1.0	12	16	16109	40	282	58	380
12510AV	PPLN POL 1000 FT OF 8 INCH GROOVE	1000FT-4IN	AS REQUIRED	1.0	6	15	9258	12	127	69	208
12510BK	PPLN POL 1M FT OF 8 IN API GROOVE	1000 FT	AS REQUIRED	6.0	78	96	21000	69	1380	966	2415
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	2.0	2	2	2736	12	81	46	139
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	1.0	5	10	5202	29	115	52	196
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	1.0	1	13	9258	92	368	150	610
41180AK	TANK POL 10000 BARREL W/8 IN PIPE	10000 BBL	AS REQUIRED	5.0	15	200	100575	805	4888	2473	8166
41180AM	TANK POL 50000 BARREL W/8 IN PIPE	50000 BBL	AS REQUIRED	4.0	16	772	211388	1380	20378	9200	30958
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	1.0	7	15	11731	37	526	196	759
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	4.0	28	32	5616	221	1021	1030	2272
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	2.0	4	4	664	18	276	110	404
					228	1267	486219	2796	30454	14649	47899

DDEXER4 RUN DATE 860207

DESERT CLIMATE

250000 BBL TNK FARM BULK STGE WITH 12IN PIPE & ACCESSORIES PB1059
TEMPERATE,TROPIC,FRIGID & DESERT. USES 4-50M BBL & 5-10000
BBL BLTD STEEL TANKS W/ IN PIPE, FITTINGS, PMPS MANIFOLDS,
OPERATIONS BLDG, WATER STGE TANK & SECURITY FENCING.REQUIRE
28 ACRES, 10CY FINE AGGR. 11CY COARSE AGGR. HAND EXT. ONLY
INCLUDED W/INSTALLATION AS FIREFIGHTING EQUIP.

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12510AD	12IN SWITCH MNFLD F/TNK FARM NO PMP	12-INCH	AS REQUIRED	1.0	26	23	97212	35	276	92	403
12510AG	FLOOD PMP 1355BPH 12 IN MANIFOLD	1355 BPH	AS REQUIRED	2.0	28	42	100994	46	828	230	1104
12510AK	TANK PMP POL 2800 BPH W/12IN MANIFD	2800 BPH	AS REQUIRED	4.0	28	56	65016	23	184	69	276
12510AR	TRANS PMP POL 2800 BPH W/12 IN MNFD	2800 BPH	AS REQUIRED	1.0	18	21	78664	52	397	81	530
12510AW	PPLN POL 1000 FT OF 12 INCH GROOVE	1000FT-12IN	AS REQUIRED	1.0	9	32	4440	17	224	81	322
12510BL	PPLN POL 1M FT OF 12 IN API GROVE	1000 FT	AS REQUIRED	6.0	24	24	66690	69	1587	1104	2760
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	2.0	2	2	2736	12	81	46	139
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	1.0	5	10	5202	29	115	52	196
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	1.0	1	13	9258	92	368	150	610
41180AL	TANK POL 10000 BARREL W/12 IN PIPE	10000 BBL	AS REQUIRED	5.0	15	205	141920	834	4888	2501	8223
41180AN	TANK POL 50000 BARREL W/12 IN PIPE	50000 BBL	AS REQUIRED	4.0	16	772	243688	1380	20424	9200	31004
1610508F	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	1.0	7	15	11731	37	526	196	759
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	4.0	28	32	5616	221	1021	1030	2272
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	2.0	4	4	664	18	276	110	404
					211	1251	833831	2865	31195	14942	49002

DESERT CLIMATE

50000 BBL TNK FARM BULK STGE WITH 6IN PIPE & ACCESSORIES PB1069
TEMPERATE,TROPIC,FRIGID & DESERT. USES 4-10M BBL & 4-3M BBL
BOLTED STEEL TANKS W/ 6IN PIPE, FITTINGS, PMPS MANIFOLDS,
OPERATIONS BLDG. WATER STGE TANK & SECURITY FENCING.
REQUIRES 14 ACRES. 10CY FINE AGGR. 11CY COARSE AGGR. HAND EX
T. ONLY INCLUDED W/INSTALLATION AS FIREFIGHTING EQUIP.

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT HORZ	CONSTR EFFORT VERT	IN MANHOURS GENL	IN MANHOURS TOT
12510AB	6IN-SWITCH MNFLD F/TNK FARM W/O PMP	6-INCH	AS REQUIRED	1.0	9	9	15561	12	123	58	243
12510AE	FLOOD PMP 785 BPH 6IN MANIFOLD	785 BPH	AS REQUIRED	2.0	20	38	43920	23	495	127	645
12510AH	TANK PMP POL 700 BPH W/6 IN MANIFD	700 BPH	AS REQUIRED	2.0	8	16	15484	12	81	23	116
12510AN	TRANS PMP POL 700 BPH W/6 IN MNFD	700 BPH	AS REQUIRED	1.0	11	15	18715	35	265	58	358
12510AU	PPLN POL 1000 FT OF 6 INCH GROOVE	1000FT-4IN	AS REQUIRED	1.0	6	11	5196	12	86	52	150
12510BJ	PPLN POL 1M FT OF 6 IN API GROOVE	1000 FT	AS REQUIRED	1.6	18	21	11621	9	212	129	350
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	2.0	2	2	2736	12	81	46	139
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	1.0	5	10	5202	29	115	52	196
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	1.0	1	13	9258	92	368	150	610
41180AG	TANK, POL, 3000 BARREL, W/6 IN PIPE	3000 BBL	AS REQUIRED	4.0	8	128	50152	414	1426	966	2806
41180AJ	TANK POL 10000 BARREL W/6 IN PIPE	10000 BBL	AS REQUIRED	4.0	8	160	82984	644	3910	1932	6486
161050F	HQTRS & UNIT SUPPLY&GO STL FR	20X40X9FT	AS REQUIRED	1.0	7	15	11731	37	526	196	759
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	3.4	24	27	4774	188	868	876	1932
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	2.0	4	4	664	18	276	110	404
					131	469	277978	1537	8882	4775	15194

DESERT CLIMATE

50000 BBL TNK FARM BULK STGE WITH 8IN PIPE & ACCESSORIES PB1079
TEMPERATE,TROPIC,FRIGID & DESERT. USES 4-10M BBL & 4-3M
BBL BOLTED STEEL TANKS W/ 8IN PIPE, FITTINGS,PMPS MANIFOLDS,
OPERATIONS BLDG. WATER STGE TANK & SECURITY FENCING.
REQUIRES 14 ACRES. 10CY FINE AGGR. 11CY COARSE AGGR. HAND EX
T. ONLY INCLUDED W/INSTALLATION AS FIREFIGHTING EQUIP.

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12510AC	8IN-SWITCH MNFLD F/TNK FARM W/O PMP	8-INCH	AS REQUIRED	1.0	16	16	19680	12	207	69	288
12510AF	FLOOD PMP 1355BPH 8IN MANIFOLD	1355 BPH	AS REQUIRED	2.0	22	40	41254	46	644	184	874
12510AJ	TANK PMP POL 1400 BPH W/8 IN MANIFD	1400 BPH	AS REQUIRED	2.0	8	18	15874	12	81	23	116
12510AP	TRANS PMP POL 1400 BPH W/8 IN MNFD	1400 BPH	AS REQUIRED	1.0	12	16	16109	40	282	58	380
12510AV	PPLN POL 1000 FT OF 8 INCH GROOVE	1000FT-4IN	AS REQUIRED	1.0	6	15	9258	12	127	69	208
12510BK	PPLN POL 1M FT OF 8 IN API GROOVE	1000 FT	AS REQUIRED	1.6	21	26	5600	18	368	258	644
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	2.0	2	2	2736	12	81	46	139
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	1.0	5	10	5202	29	115	52	196
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	1.0	1	13	9258	92	368	150	610
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	4.0	8	128	48176	414	1426	1012	2852
41180AK	TANK POL 10000 BARREL W/8 IN PIPE	10000 BBL	AS REQUIRED	4.0	12	160	80460	644	3910	1978	6532
1610508F	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	1.0	7	15	11731	37	526	196	759
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	3.4	24	27	4774	188	868	876	1932
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	2.0	4	4	664	18	276	110	404
					148	490	270776	1574	9279	5081	15934

DESERT CLIMATE

100000 BBL TNK FARM BULK STGE WITH 6IN PIPE & ACCESSORIES PB1089
TEMPERATE, TROPIC, FRIGID & DESERT. USES 9-10M BBL & 4-3M BBL
BOLTED STEEL TANKS W/6 IN PIPE, FITTINGS, PMPS MANIFOLDS,
OPERATIONS BLDG. WATER STGE TANK & SECURITY FENCING. REQUIRES
23 ACRES. 10CY FINE AGGR. 11CY COARSE AGGR. HAND EXT. ONLY
INCLUDED W/INSTALLATION AS FIREFIGHTING EQUIP.

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	GENL	TOT
12510AB	6IN-SWITCH MNFLD F/TNK FARM W/O PMP	6-INCH	AS REQUIRED	1.0	9	9	15561	12	173	58	243
12510AE	FLOOD PMP 785 BPH 6IN MANIFOLD	785 BPH	AS REQUIRED	2.0	20	38	43920	23	495	127	645
12510AH	TANK PMP POL 700 BPH W/6 IN MANIFD	700 BPH	AS REQUIRED	5.0	20	40	38710	29	201	58	288
12510AN	TRANS PMP POL 700 BPH W/6 IN MNFD	700 BPH	AS REQUIRED	1.0	11	15	18715	35	265	58	358
12510AU	PPLN POL 1000 FT OF 6 INCH GROOVE	1000FT-4IN	AS REQUIRED	2.0	12	22	10392	23	173	104	300
12510BJ	PPLN POL 1M FT OF 6 IN API GROOVE	1000 FT	AS REQUIRED	3.0	33	39	21789	17	397	242	656
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	2.0	2	2	2736	12	81	46	139
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	1.0	5	10	5202	29	115	52	196
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	1.0	1	13	9258	92	368	150	610
41180AG	TANK, POL, 3000 BARREL, W/6 IN PIPE	3000 BBL	AS REQUIRED	4.0	8	128	50152	414	1426	966	2806
41180AJ	TANK POL 10000 BARREL W/6 IN PIPE	10000 BBL	AS REQUIRED	9.0	18	360	186714	1449	8798	4347	14594
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	1.0	7	15	11731	37	526	196	759
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	4.2	29	36	5897	232	1072	1082	2386
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	2.0	4	4	664	18	276	110	404
					179	729	421421	2422	14366	7596	24384

DESERT CLIMATE

100000 BBL TNK FARM BULK STGE WITH 8IN PIPE & ACCESSORIES PB1099
TEMPERATE,TROPIC,FRIGID & DESERT. USES 9-10M & 4-3M
BBL BOLTED STEEL TANKS W/8 IN PIPE, FITTINGS,PMPS MANIFOLDS,
OPERATIONS BLDG. WATER STGE TANK & SECURITY FENCING.
REQUIRES 23 ACRES. 10CY FINE AGGR. 10CY COARSE AGGR. HAND EX
I. ONLY INCLUDED W/INSTALLATION AS FIREFIGHTING EQUIP.

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12510AC	8IN-SWITCH MNFLD F/TNK FARM W/O PMP	8-INCH	AS REQUIRED	1.0	16	16	19680	12	207	69	288
12510AF	FLOOD PMP 1355BPH 8IN MANIFOLD	1355 BPH	AS REQUIRED	2.0	22	40	41254	46	644	184	874
12510AJ	TANK PMP POL 1400 BPH W/8 IN MANIFD	1400 BPH	AS REQUIRED	5.0	20	45	39685	29	201	58	288
12510AP	TRANS PMP POL 1400 BPH W/8 IN MNFD	1400 BPH	AS REQUIRED	1.0	12	16	16109	40	282	58	380
12510AV	PPLN POL 1000 FT OF 8 INCH GROOVE	1000FT-4IN	AS REQUIRED	2.0	12	30	18516	23	253	138	414
12510BK	PPLN POL 1M FT OF 8 IN API GROOVE	1000 FT	AS REQUIRED	3.0	39	48	10500	35	690	483	1208
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	2.0	2	2	2736	12	81	46	139
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	1.0	5	10	5202	29	115	52	196
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	1.0	1	13	9258	92	368	150	610
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	4.0	8	128	48176	414	1426	1012	2852
41180AK	TANK POL 10000 BARREL W/8 IN PIPE	10000 BBL	AS REQUIRED	9.0	27	360	181035	1449	8798	4451	14698
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	1.0	7	15	11731	37	526	196	759
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	4.2	29	34	5897	232	1072	1082	2386
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	2.0	4	4	664	18	276	110	404
					204	761	410443	2468	14939	8089	25496

DESERT CLIMATE

150000 BBL TNK FARM BULK STGE WITH 8IN PIPE & ACCESSORIES PB1109
TEMPERATE,TROPIC,FRIGID & DESERT. USES 14-10M & 4-3M
BBL BOLTED STEEL TANKS W/8IN PIPE,FITTINGS,PMPS MANIFOLDS
OPERATIONS BLDG-WATER STGE TANK & SECURITY FENCING.
REQUIRES 31 ACRES. 10CY FINE AGGR. 11CY COARSE AGGR. HAND EX
T. ONLY INCLUDED W/INSTALLATION AS FIREFIGHTING EQUIP.

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	GENL	TOT
12510AC	8IN-SWITCH MNFLD F/TNK FARM W/O PMP	8-INCH	AS REQUIRED	1.0	16	16	19680	12	207	69	288
12510AF	FLOOD PMP 1355BPH 8IN MANIFOLD	1355 BPH	AS REQUIRED	2.0	22	40	41254	46	644	184	874
12510AJ	TANK PMP POL 1400 BPH W/8 IN MANIFD	1400 BPH	AS REQUIRED	4.0	16	36	31748	23	161	46	230
12510AP	TRANS PMP POL 1400 BPH W/8 IN MNFD	1400 BPH	AS REQUIRED	1.0	12	16	16109	40	282	58	380
12510AV	PPLN POL 1000 FT OF 8 INCH GROOVE	1000FT-4IN	AS REQUIRED	3.0	18	45	27774	35	380	207	622
12510BK	PPLN POL 1M FT OF 8 IN API GROOVE	1000 FT	AS REQUIRED	4.0	52	64	14000	46	920	644	1610
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	2.0	2	2	2736	12	81	46	139
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	1.0	5	10	5202	29	115	52	196
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	1.0	1	13	9258	92	368	150	610
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	4.0	8	128	48176	414	1426	1012	2852
41180AK	TANK POL 10000 BARREL W/8 IN PIPE	10000 BBL	AS REQUIRED	14.0	42	560	281610	2256	13685	6923	22862
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	1.0	7	15	11731	37	526	196	759
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	4.5	32	36	6318	268	1149	1159	2556
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	2.0	4	4	664	18	276	110	404
					237	985	516260	3306	20220	10856	34382

DESERT CLIMATE

200000 BBL TNK FARM BULK STGE WITH 8IN PIPE & ACCESSORIES PB1119
TEMPERATE,TROPIC,FRIGID & DESERT. USES 19-10M & 4-3M BBL
BOLTED STEEL TANKS W/8 IN PIPE,FITTINGS,PMPS MANIFOLDS,
OPERATIONS BLDG. WATER STGE TANK & SECURITY FENCING.REQUIRES
31 ACRES, 10CY FINE AGGR. 11CY COARSE AGGR. HAND EXT. ONLY
INCLUDED W/INSTALLATION AS FIREFIGHTING EQUIP.

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12510AC	8IN-SWITCH MNFLD F/TNK FARM W/O PMP	8-INCH	AS REQUIRED	1.0	16	16	19680	12	207	69	288
12510AF	FLOOD PMP 1355BPH 8IN MANIFOLD	1355 BPH	AS REQUIRED	2.0	22	40	41254	46	644	184	874
12510AJ	TANK PMP POL 1400 BPH W/8 IN MANIFD	1400 BPH	AS REQUIRED	4.0	16	36	31768	23	161	46	230
12510AP	TRANS PMP POL 1400 BPH W/8 IN MNFD	1400 BPH	AS REQUIRED	1.0	12	16	16109	40	282	58	380
12510AV	PPLN POL 1000 FT OF 8 INCH GROOVE	1000FT-4IN	AS REQUIRED	1.0	6	15	9258	12	127	69	208
12510BK	PPLN POL 1M FT OF 8 IN API GROOVE	1000 FT	AS REQUIRED	6.0	78	96	21000	69	1380	966	2415
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	2.0	2	2	2736	12	81	46	139
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	1.0	5	10	5202	29	115	52	196
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	1.0	1	13	9258	92	368	150	610
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	4.0	8	128	48176	414	1426	1012	2852
41180AK	TANK POL 10000 BARREL W/8 IN PIPE	10000 BBL	AS REQUIRED	19.0	57	760	382185	3059	18573	9396	31028
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	1.0	7	15	11731	37	526	196	759
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	5.0	35	40	7020	276	1277	1288	2841
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	2.0	4	4	664	18	276	110	404
					269	1191	606021	4139	25443	13642	43224

DESERT CLIMATE

200000 BBL TNK FARM BULK STGE WITH 12IN PIPE & ACCESSORIES PB1129
TEMPERATE,TROPIC,FRIGID & DESERT. USES 19-10M & 4-3M BBL
BOLTED STEEL TANKS W/12IN PIPE,FITTINGS,PMPS MANIFOLDS,
OPERATIONS BLDG, WATER STGE TANK & SECURITY FENCING.
REQUIRES 31 ACRES. 10CY FINE AGGR. 11CY COARSE AGGR. HAND EX
T. ONLY INCLUDED W/INSTALLATION AS FIREFIGHTING EQUIP.

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS MT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12510AD	12IN SWITCH MNFLD F/TNK FARM NO PMP	12-INCH	AS REQUIRED	1.0	26	23	97212	35	276	92	403
12510AG	FLOOD PMP 1355BPH 12 IN MANIFOLD	1355 BPH	AS REQUIRED	2.0	28	42	100994	46	828	230	1104
12510AK	TANK PMP POL 2800 BPH W/12IN MANIFD	2800 BPH	AS REQUIRED	4.0	28	56	65016	23	184	69	276
12510AR	TRANS PMP POL 2800 BPH W/12 IN MNFD	2800 BPH	AS REQUIRED	1.0	18	21	78664	52	397	81	530
12510BK	PPLN POL 1M FT OF 8 IN API GROOVE	1000 FT	AS REQUIRED	.2	3	3	700	2	46	32	80
12510BL	PPLN POL 1M FT OF 12 IN API GROVE	1000 FT	AS REQUIRED	6.0	24	24	66690	69	1587	1104	2760
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	2.0	2	2	2736	12	81	46	139
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	1.0	5	10	5202	29	115	52	196
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	1.0	1	13	9258	92	368	150	610
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	4.0	8	128	48176	414	1426	1012	2852
41180AL	TANK POL 10000 BARREL W/12 IN PIPE	10000 BBL	AS REQUIRED	19.0	57	779	539296	3168	18573	9505	31246
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	1.0	7	15	11731	37	526	196	759
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	5.0	35	40	7020	276	1277	1288	2841
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	2.0	4	4	664	18	276	110	404
					246	1160	1033359	4273	25960	13967	44200

DESERT CLIMATE

250000 BBL TNK FARM BULK STGE WITH 8IN PIPE & ACCESSORIES PB1139
TEMPERATE,TROPIC,FRIGID & DESERT. USES 24-10M & 4-3M
BEL BOLTED STEEL TANKS W/ 8IN PIPE,FITTINGS,PMPS
MANIFOLDS,OPERATIONS BLDG, WATER STGE TANK & SECURITY
FENCING. REQUIRES ACRES. 10CY FINE AGGR. 11CY COARSE AGGR.
HAND EXT. ONLY INCLUDED W/INSTALLATION AS FIREFIGHTING EQUI
P.

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12510AC	8IN-SWITCH MNFLD F/TNK FARM W/O PMP	8-INCH	AS REQUIRED	1.0	16	16	19680	12	207	69	288
12510AF	FLOOD PMP 1355BPH 8IN MANIFOLD	1355 BPH	AS REQUIRED	2.0	22	40	41254	46	644	184	874
12510AJ	TANK PMP POL 1400 BPH W/8 IN MANIFD	1400 BPH	AS REQUIRED	5.0	20	45	39685	29	201	58	288
12510AP	TRANS PMP POL 1400 BPH W/8 IN MNFD	1400 BPH	AS REQUIRED	1.0	12	16	16109	40	282	58	380
12510AV	PPLN POL 1000 FT OF 8 INCH GROOVE	1000FT-4IN	AS REQUIRED	2.0	12	30	18516	23	253	138	414
12510BK	PPLN POL 1M FT OF 8 IN API GROOVE	1000 FT	AS REQUIRED	7.0	91	112	24500	81	1610	1127	2818
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	2.0	2	2	2736	12	81	46	139
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	1.0	5	10	5202	29	115	52	196
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	1.0	1	13	9258	92	368	150	610
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	4.0	8	128	48176	414	1426	1012	2852
41180AK	TANK POL 10000 BARREL W/8 IN PIPE	10000 BBL	AS REQUIRED	24.0	72	960	482760	3864	23460	11868	39192
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	1.0	7	15	11731	37	526	196	759
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	5.0	35	40	7020	276	1277	1288	2841
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	2.0	4	4	664	18	276	110	404
					307	1431	727291	4973	30726	16356	52055

DDEXER4 RUN DATE 860207

DESERT CLIMATE

250000 BBL TNK FARM BULK STGE WITH 12 IN PIPE & ACCESSORIES PB1149
TEMPERATE,TROPIC,FRIGID & DESERT. USES 24-10M & 4-3M BBL
BOLTED STEEL TANKS W/12IN PIPE,FITTINGS,PMPS MANIFOLDS,
OPERATIONS BLDG,WATER STGE TANK & SECURITY FENCING. REQUIRES
30 ACRES. 10CY FINE AGGR. 11CY COARSE AGGR. HAND EXT. ONLY
INCLUDED W/INSTALLATION AS FIREFIGHTING EQUIP.

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12510AD	12IN SWITCH MNFLD F/TNK FARM NO PMP	12-INCH	AS REQUIRED	1.0	26	23	97212	35	276	92	403
12510AG	FLOOD PMP 1355BPH 12 IN MANIFOLD	1355 BPH	AS REQUIRED	2.0	28	42	100994	46	828	230	1104
12510AK	TANK PMP POL 2800 BPH W/12IN MANIFD	2800 BPH	AS REQUIRED	5.0	35	70	81270	29	230	86	345
12510AR	TRANS PMP POL 2800 BPH W/12 IN MNFD	2800 BPH	AS REQUIRED	1.0	18	21	78664	52	397	81	530
12510AW	PPLN POL 1000 FT OF 12 INCH GROOVE	1000FT-12IN	AS REQUIRED	2.0	18	64	8880	35	449	161	645
12510BL	PPLN POL 1M FT OF 12 IN API GROVE	1000 FT	AS REQUIRED	7.0	28	28	77805	81	1852	1288	3221
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	2.0	2	2	2736	12	81	46	139
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	1.0	5	10	5202	29	115	52	196
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	1.0	1	13	9258	92	368	150	610
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	4.0	8	128	48176	414	1426	1012	2852
41180AL	TANK POL 10000 BARREL W/12 IN PIPE	10000 BBL	AS REQUIRED	24.0	72	984	681216	4002	23460	12006	39468
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	1.0	7	15	11731	37	526	196	759
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	5.0	35	40	7020	276	1277	1288	2841
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	2.0	4	4	664	18	276	110	404
					287	1444	1210828	5158	31561	16798	53517

DDEXER4 RUN DATE 860207

DESERT CLIMATE

POL SYSTEM TANK FARM,MODULAR INSTALLATION 6INCH LINE 50000 BBL PB1159

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12502AA	PMP,CENTR,1050GPM,850FTHD W/8IN MAN		AS REQUIRED	12.0	108	312	328176	883	2098	662	3643
12503AA	SWITCHING MAN 8/10IN W/3-WAY VALVES		AS REQUIRED	5.0	40	155	315675	368	874	276	1518
12504AA	METER,TURBINE,6IN,1050GPM W/10IN PI		AS REQUIRED	1.0	8	14	2551	74	175	55	304
12506AA	PPL BBL CLEANER ASSY.6IN		AS REQUIRED	1.0	4	4	6995	21	123	52	196
12510BN	PPLN POL 1 MILE- 6 IN API GROVE	1 MILE	AS REQUIRED	2.0	118	126	89200	92	1196	667	1955
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	1.0	1	1	1368	6	40	23	69
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	1.0	5	10	5202	29	115	52	196
41180AC	TANK, POL, 500 BARREL, W/4 IN PIPE	500 BBL	AS REQUIRED	1.0	1	7	6442	52	207	86	345
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	1.0	1	13	9258	92	368	150	610
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	4.0	8	128	48176	414	1426	1012	2852
41180AK	TANK POL 10000 BARREL W/8 IN PIPE	10000 BBL	AS REQUIRED	4.0	12	160	80460	644	3910	1978	6532
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	1.0	7	15	11731	37	526	196	759
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	4.0	28	32	5616	221	1021	1030	2272
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	2.0	4	4	664	18	276	110	404
					345	981	911514	2951	12355	6349	21655

DDEXER4 RUN DATE 860207

DESERT CLIMATE

POL SYSTEM TANK FARM,MODULAR INSTALLATION 8INCH LINE PB1169
100000 BBL

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	GENL	TOT
12502AA	PMP,CENTR,1050GPM,850FTHD W/8IN MAN		AS REQUIRED	17.0	153	642	664916	1251	2972	938	5161
12503AA	SWITCHING MAN 8/10IN W/3-WAY VALVES		AS REQUIRED	5.0	40	155	315675	368	874	276	1518
12504AA	METER,TURBINE,6IN,1050GPM W/10IN PI		AS REQUIRED	1.0	8	14	2551	74	175	55	304
12506AB	PPL BBL CLEANER ASSY.8IN		AS REQUIRED	1.0	5	4	6737	21	123	52	196
12510BP	PPLN POL 1 MILE- 8 IN API GROVE	1 MILE	AS REQUIRED	2.0	142	162	38414	184	1702	805	2691
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	1.0	1	1	1368	6	40	23	69
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	1.0	5	10	5202	29	115	52	196
41180AC	TANK, POL, 500 BARREL, W/4 IN PIPE	500 B3L	AS REQUIRED	1.0	1	7	6442	52	207	86	345
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	1.0	1	13	9258	92	368	150	610
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	4.0	8	128	48176	414	1426	1012	2852
41180AK	TANK POL 10000 BARREL W/8 IN PIPE	10000 BBL	AS REQUIRED	9.0	27	360	181035	1449	8798	4451	14698
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	1.0	7	15	11731	37	526	196	759
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	4.0	28	32	5616	221	1021	1030	2272
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	2.0	4	4	664	18	276	110	404
					430	1347	1097785	4216	18623	9236	32075

DESERT CLIMATE

POL SYSTEM TANK FARM,MODULAR INSTALLATION 8INCH LINE PB1179
150000 BBL

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12502AA	PMP,CENTR,1050GPM,850FTHD W/8IN MAN		AS REQUIRED	13.0	117	338	355524	957	2272	718	3947
12503AA	SWITCHING MAN 8/10IN W/3-WAY VALVES		AS REQUIRED	5.0	40	155	315675	368	874	276	1518
12504AA	METER,TURBINE,6IN,1050GPM W/10IN PI		AS REQUIRED	1.0	8	14	2551	74	175	55	304
12506AB	PPL BBL CLEANER ASSY.8IN		AS REQUIRED	1.0	5	4	6737	21	123	52	196
12510BP	PPLN POL 1 MILE- 8 IN API GROVE	1 MILE	AS REQUIRED	2.0	142	162	38414	184	1702	805	2691
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	1.0	1	1	1368	6	40	23	69
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	1.0	5	10	5202	29	115	52	196
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	1.0	1	13	9258	92	368	150	610
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	3.0	6	96	36132	311	1070	759	2140
41180AK	TANK POL 10000 BARREL W/8 IN PIPE	10000 BBL	AS REQUIRED	4.0	12	160	80460	644	3910	1978	6532
41180AM	TANK POL 50000 BARREL W/8 IN PIPE	50000 BBL	AS REQUIRED	2.0	8	386	105694	690	10189	4600	15479
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	1.0	7	15	11731	37	526	196	759
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	1.0	7	8	1404	55	255	258	568
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	2.0	4	4	664	18	276	110	404
					363	1366	970814	3486	21895	10032	35413

DDEXER4 RUN DATE 860207

DESERT CLIMATE

POL SYSTEM TANK FARM,MODULAR INSTALLATION 10INCH LINE PB1189
200000 BBL

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12502AA	PMP,CENTR,1050GPM,850FTHD W/8IN MAN		AS REQUIRED	14.0	126	364	382872	1030	2447	773	4250
12503AA	SWITCHING MAN 8/10IN W/3-WAY VALVES		AS REQUIRED	5.0	40	155	315675	368	874	276	1518
12504AA	METER,TURBINE,6IN,1050GPM W/10IN PI		AS REQUIRED	1.0	8	14	2551	74	175	55	304
12506AC	PIPELN BBL CLEANER TRAP 10IN IN-OUT		AS REQUIRED	1.0	7	13	8851	21	123	52	196
12510CD	PIPELN,1MILE,10IN GRVD STL API PIPE		AS REQUIRED	2.0	196	350	60464	230	2082	978	3290
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	1.0	1	1	1368	6	40	23	69
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	1.0	5	10	5202	29	115	52	196
41180AC	TANK, POL, 500 BARREL, W/4 IN PIPE	500 BBL	AS REQUIRED	1.0	1	7	6442	52	207	86	345
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	1.0	1	13	9258	92	368	150	610
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	3.0	6	96	36132	311	1070	759	2140
41180AK	TANK POL 10000 BARREL W/8 IN PIPE	10000 BBL	AS REQUIRED	4.0	12	160	80460	644	3910	1978	6532
41180AM	TANK POL 50000 BARREL W/8 IN PIPE	50000 BBL	AS REQUIRED	3.0	12	579	158541	1035	15284	6900	23219
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	1.0	7	15	11731	37	526	196	759
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	4.0	28	32	5616	221	1021	1030	2272
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	2.0	4	4	664	18	276	110	404
					454	1813	1085827	4168	28518	13418	46104

DESERT CLIMATE

POL SYSTEM TANK FARM,MODULAR INSTALLATION 10INCH LINE PB1199
250000 BBL

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12502AA	PMP,CENTR,1050GPM,850FTHD W/8IN MAN		AS REQUIRED	18.0	162	468	492264	1325	3146	994	5465
12504AA	METER,TURBINE,6IN,1050GPM W/10IN PI		AS REQUIRED	1.0	8	14	2551	74	175	55	304
12506AC	PIPELN BBL CLEANER TRAP 10IN IN-OUT		AS REQUIRED	1.0	7	13	8851	21	123	52	196
12510CD	PIPELN,1MILE,10IN GRVD STL API PIPE		AS REQUIRED	2.0	196	350	60464	230	2082	978	3290
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	1.0	1	1	1368	6	40	23	69
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	1.0	5	10	5202	29	115	52	196
41180AC	TANK, POL, 500 BARREL, W/4 IN PIPE	500 BBL	AS REQUIRED	1.0	1	7	6442	52	207	86	345
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	1.0	1	13	9258	92	368	150	610
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	4.0	8	128	48176	414	1426	1012	2852
41180AK	TANK POL 10000 BARREL W/8 IN PIPE	10000 BBL	AS REQUIRED	5.0	15	200	100575	805	4888	2473	8166
41180AM	TANK POL 50000 BARREL W/8 IN PIPE	50000 BBL	AS REQUIRED	4.0	16	772	211388	1380	20378	9200	30958
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	1.0	7	15	11731	37	526	196	759
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	4.0	28	32	5616	221	1021	1030	2272
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	2.0	4	4	664	18	276	110	404
					459	2027	964550	4704	34771	16411	55886

DESERT CLIMATE

POL SYSTEM TANK FARM,MODULAR INSTALLATION 6INCH LINE 21000 BBL PB1209

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12502AA	PMP,CENTR,1050GPM,850FTHD W/8IN MAN		AS REQUIRED	11.0	99	286	300828	810	1923	607	3340
12503AA	SWITCHING MAN 8/10IN W/3-WAY VALVES		AS REQUIRED	5.0	40	155	315675	368	874	276	1518
12504AA	METER,TURBINE,6IN,1050GPM W/10IN PI		AS REQUIRED	1.0	8	14	2551	74	175	55	304
12506AA	PPL BBL CLEANER ASSY.6IN		AS REQUIRED	1.0	4	4	6995	21	123	52	196
12510BN	PPLN POL 1 MILE- 6 IN API GROVE	1 MILE	AS REQUIRED	2.0	118	126	89200	92	1196	667	1955
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	1.0	1	1	1368	6	40	23	69
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	1.0	5	10	5202	29	115	52	196
41180AC	TANK, POL, 500 BARREL, W/4 IN PIPE	500 BBL	AS REQUIRED	1.0	1	7	6442	52	207	86	345
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	1.0	1	13	9258	92	368	150	610
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	7.0	14	224	84308	725	2496	1771	4992
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	1.0	7	15	11731	37	526	196	759
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	4.0	28	32	5616	221	1021	1030	2272
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	2.0	4	4	664	18	276	110	404
					330	891	839838	2545	9340	5075	16960

DDEXER4 RUN DATE 860207

DESERT CLIMATE

POL SYSTEM TANK FARM,MODULAR INSTALLATION 8INCH LINE 43000 BBL PB1219

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12502AA	PMP,CENTR,1050GPM,850FTHD W/8IN MAN		AS REQUIRED	12.0	108	312	328176	883	2098	662	3643
12503AA	SWITCHING MAN 8/10IN W/3-WAY VALVES		AS REQUIRED	5.0	40	155	315675	368	874	276	1518
12504AA	METER,TURBINE,6IN,1050GPM W/10IN PI		AS REQUIRED	1.0	8	14	2551	74	175	55	304
12506AB	PPL BBL CLEANER ASSY.8IN		AS REQUIRED	1.0	5	4	6737	21	123	52	196
12510BP	PPLN POL 1 MILE- 8 IN API GROVE	1 MILE	AS REQUIRED	2.0	142	162	38414	184	1702	805	2691
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	1.0	1	1	1368	6	40	23	69
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	1.0	5	10	5202	29	115	52	196
41180AC	TANK, POL, 500 BARREL, W/4 IN PIPE	500 BBL	AS REQUIRED	1.0	1	7	6442	52	207	86	345
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	1.0	1	13	9258	92	368	150	610
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	5.0	10	160	60220	518	1783	1265	3566
41180AK	TANK POL 10000 BARREL W/8 IN PIPE	10000 BBL	AS REQUIRED	3.0	9	120	60345	483	2933	1484	4900
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	1.0	7	15	11731	37	526	196	759
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	4.0	28	32	5616	221	1021	1030	2272
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	2.0	4	4	664	18	276	110	404
					369	1009	852399	2986	12241	6246	21473

DDEXER4 RUN DATE 860207

DESERT CLIMATE

POL SYSTEM TANK FARM,MODULAR INSTALLATION 8INCH LINE 45000 BBL PB1229

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	IN MANHOURS GENL	IN MANHOURS TOT
12502AA	PMP,CENTR,1050GPM,850FTHD W/8IN MAN		AS REQUIRED	12.0	108	312	328176	883	2098	662	3643
12503AA	SWITCHING MAN 8/10IN W/3-WAY VALVES		AS REQUIRED	5.0	40	155	315675	368	874	276	1518
12504AA	METER,TURBINE,6IN,1050GPM W/10IN PI		AS REQUIRED	1.0	8	14	2551	74	175	55	304
12506AB	PPL BBL CLEANER ASSY.8IN		AS REQUIRED	1.0	5	4	6737	21	123	52	196
12510BP	PPLN POL 1 MILE- 8 IN API GROVE	1 MILE	AS REQUIRED	2.0	142	162	38414	184	1702	805	2691
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	1.0	1	1	1368	6	40	23	69
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	1.0	5	10	5202	29	115	52	196
41180AC	TANK, POL, 500 BARREL, W/4 IN PIPE	500 BBL	AS REQUIRED	1.0	1	7	6442	52	207	86	345
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	1.0	1	13	9258	92	368	150	610
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	5.0	10	160	60220	518	1783	1265	3566
41180AK	TANK POL 10000 BARREL W/8 IN PIPE	10000 BBL	AS REQUIRED	5.0	15	200	100575	805	4888	2473	8166
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	1.0	7	15	11731	37	526	196	759
87210AK	FENCE,CORNER POST 10 FT HI BARB WIR		AS REQUIRED	4.0	4	4	508	41	64	64	169
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	2.0	4	4	664	18	276	110	404
					351	1061	887521	3128	13239	6269	22636

DDEXER4 RUN DATE 860207

DESERT CLIMATE

POL SYSTEM TANK FARM MODULAR INSTALLATION 10INCH LINE, 85000 BBL. PB1239

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12502AA	PMP,CENTR,1050GPM,850FTHD W/8IN MAN		AS REQUIRED	16.0	144	416	437568	1178	2797	883	4858
12503AA	SWITCHING MAN 8/10IN W/3-WAY VALVES		AS REQUIRED	5.0	40	155	315675	368	874	276	1518
12504AA	METER,TURBINE,6IN,1050GPM W/10IN PI		AS REQUIRED	1.0	8	14	2551	74	175	55	304
12506AC	PIPELN BBL CLEANER TRAP 10IN IN-OUT		AS REQUIRED	1.0	7	13	8851	21	123	52	196
12510CD	PIPELN,1MILE,10IN GRVD STL API PIPE		AS REQUIRED	2.0	196	350	60464	230	2082	978	3290
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	1.0	1	1	1368	6	40	23	69
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	1.0	5	10	5202	29	115	52	196
41180AC	TANK, POL, 500 BARREL, W/4 IN PIPE	500 BBL	AS REQUIRED	1.0	1	7	6442	52	207	86	345
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	2.0	2	26	18516	184	736	299	1219
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	5.0	10	160	60220	518	1783	1265	3566
41180AK	TANK POL 10000 BARREL W/8 IN PIPE	10000 BBL	AS REQUIRED	7.0	21	280	140805	1127	6843	3462	11432
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	1.0	7	15	11731	37	526	196	759
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	4.0	28	32	5616	221	1021	1030	2272
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	1.0	2	2	332	9	138	55	202
					472	1481	1075341	4054	17460	8712	30226

DDEXER4 RUN DATE 860207

DESERT CLIMATE

POL SYSTEM TANK FARM MODULAR INSTALLATION 10INCH LINE, 110000 BBL. PB1249

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	GENL	TOT
12502AA	PMP,CENTR,1050GPM,850FTHD W/8IN MAN		AS REQUIRED	17.0	153	442	466916	1251	2972	938	5161
12503AA	SWITCHING MAN 8/10IN W/3-WAY VALVES		AS REQUIRED	5.0	40	155	315675	368	874	276	1518
12504AA	METER,TURBINE,6IN,1050GPM W/10IN PI		AS REQUIRED	1.0	8	14	2551	76	175	55	304
12506AC	PIPELN BBL CLEANER TRAP 10IN IN-OUT		AS REQUIRED	1.0	7	13	8851	21	123	52	196
12510CD	PIPELN,1MILE,10IN GRVD STL API PIPE		AS REQUIRED	2.0	196	350	60464	230	2082	978	3290
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	1.0	1	1	1368	6	40	23	69
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	1.0	5	10	5202	29	115	52	196
41180AC	TANK, POL, 500 BARREL, W/4 IN PIPE	500 BBL	AS REQUIRED	1.0	1	7	6442	52	207	86	345
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	1.0	1	13	9258	92	368	150	610
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	4.0	8	128	48176	414	1426	1012	2852
41180AK	TANK POL 10000 BARREL W/8 IN PIPE	10000 BBL	AS REQUIRED	10.0	30	400	201150	1610	9775	4945	16330
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	1.0	7	15	11731	37	526	196	759
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	4.0	28	32	5616	221	1021	1030	2272
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	2.0	4	4	664	18	276	110	404
					489	1584	1142064	4423	19980	9903	34306

DESERT CLIMATE

400000 BBL CAPACITY TANK FARM COMPLEX BULK STGE OF 4 PROD. TEMPERATE,TROPIC,DESERT & FRIGID CLIM. W/6IN-INLAND PPLN, BOOSTER PMP STA.& OPER BLDG. CONSISTS OF 2-200000 BBL TANK FARMS MADE UP OF 6 50BBL WLDD,8-10M & 6-3M BARREL BLTD STL TANKS,WATER SUPPLY TANK & SECURITY FENCING. REQUIRES 110ACRE 300CY FINE AGGR, 33CY COARSE AGGR. HAND EXT. ONLY INCLUDED W/INSTALLATION AS FIREFIGHTING EQUIP. PC1019

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12510AB	6IN-SWITCH MNFLD F/TNK FARM W/O PMP	6-INCH	AS REQUIRED	1.0	9	9	15541	12	173	58	243
12510AC	8IN-SWITCH MNFLD F/TNK FARM W/O PMP	8-INCH	AS REQUIRED	2.0	32	32	39360	23	414	138	575
12510AF	FLOOD PMP 1355BPH 8IN MANIFOLD	1355 BPH	AS REQUIRED	4.0	44	80	82508	92	1288	368	1748
12510AJ	TANK PMP POL 1400 BPH W/8 IN MANIFD	1400 BPH	AS REQUIRED	8.0	32	72	63496	46	322	92	460
12510AP	TRANS PMP POL 1400 BPH W/8 IN MNFD	1400 BPH	AS REQUIRED	2.0	24	32	32218	81	564	115	760
12510AV	PPLN POL 1000 FT OF 8 INCH GROOVE	1000FT-4IN	AS REQUIRED	2.0	12	30	18516	23	253	138	414
12510BA	PPLN POL 1 MILE OF 6 INCH GROOVE	1MILE-6INCH	AS REQUIRED	4.0	120	200	128832	138	1472	1012	2622
12510BK	PPLN POL 1M FT OF 8 IN API GROOVE	1000 FT	AS REQUIRED	8.0	104	128	28000	92	1840	1288	3220
12530AE	BOOSTER STATION POL 1400 BPH	1400 BPH	AS REQUIRED	4.0	52	112	108604	184	437	161	782
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	8.0	8	8	10944	46	322	184	552
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	4.0	20	40	20808	115	460	207	782
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	2.0	2	26	18516	184	736	299	1219
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	6.0	12	192	72264	621	2139	1518	4278
41180AK	TANK POL 10000 BARREL W/8 IN PIPE	10000 BBL	AS REQUIRED	8.0	24	320	160920	1288	7820	3956	13064
41180AM	TANK POL 50000 BARREL W/8 IN PIPE	50000 BBL	AS REQUIRED	6.0	24	1158	317082	2070	30567	13800	46437
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	3.0	21	45	35193	110	1577	587	2274
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	7.1	50	57	9968	392	1813	1829	4034
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	4.0	8	8	1328	37	552	221	810
					598	2549	1164098	5554	52749	25971	84274

DDEXER4 RUN DATE 860207

DESERT CLIMATE

400000 BBL CAPACITY TANK FARM COMPLEX BULK STGE OF 4 PROD. PC1029
TEMPERATE,TROPIC,DESERT & FRIGID. W/8IN-INLAND PPLN,BOOSTER
PMP STAT.& OPER BLDG. CONSISTS OF 2-200000 BBL TANK FARMS
MADE UP OF 6 50M WELDED, 8-10M & 6 3M BARREL BLTD STL TANKS,
WATER SUPPLY TANK & SECURITY FENCING. REQUIRES 110 ACRES
30CY FINE AGGR. 33CY COARSE AGGR. HAND EXT. INCLUDED W/INSTA
LLATION AS FIREFIGHTING EQUIP.

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	VOL-MT	COST	CONSTR EFFORT IN MANHOURS HORZ	VERT	GENL	TOT
12510AC	8IN-SWITCH MNFLD F/TNK FARM W/O PMP	8-INCH	AS REQUIRED	3.0	48	48	59040	35	621	207	863
12510AF	FLOOD PMP 1355BPH 8IN MANIFOLD	1355 BPH	AS REQUIRED	4.0	44	80	82508	92	1288	368	1748
12510AJ	TANK PMP POL 1400 BPH W/8 IN MANIFD	1400 BPH	AS REQUIRED	8.0	32	72	63496	46	322	92	460
12510AP	TRANS PMP POL 1400 BPH W/8 IN MNFD	1400 BPH	AS REQUIRED	2.0	24	32	32218	81	564	115	760
12510AV	PPLN POL 1000 FT OF 8 INCH GROOVE	1000FT-4IN	AS REQUIRED	2.0	12	30	18516	23	253	138	414
12510BB	PPLN POL 1 MILE OF 8 INCH GROOVE	1 MILE-8INCH	AS REQUIRED	8.0	288	696	302376	368	4140	2944	7452
12510BK	PPLN POL 1M FT OF 8 IN API GROOVE	1000 FT	AS REQUIRED	8.0	104	128	28000	92	1840	1288	3220
12530AF	BOOSTER STATION POL 2800 BPH	2800 BPH	AS REQUIRED	8.0	112	232	216560	368	874	322	1564
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	12.0	12	12	16416	69	483	276	828
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	4.0	20	40	20808	115	460	207	782
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	2.0	2	26	18516	184	736	299	1219
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	6.0	12	192	72264	621	2139	1518	4278
41180AK	TANK POL 10000 BARREL W/8 IN PIPE	10000 BBL	AS REQUIRED	8.0	24	320	160920	1288	7820	3956	13064
41180AM	TANK POL 50000 BARREL W/8 IN PIPE	50000 BBL	AS REQUIRED	6.0	24	1158	317082	2070	30567	13800	46437
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	3.0	21	45	35193	110	1577	587	2274
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	7.1	50	57	9968	392	1813	1829	4034
					829	3168	1453881	5954	55497	27946	89397

DESERT CLIMATE

400000 BBL CAPACITY TANK FARM COMPLEX BULK STGE OF 4 PROD. PC1039
TEMPERATE,TROPIC,DESERT & FRIGID. W/12IN-INLAND PPLN,
BOOSTER PMP STA.& OPER BLDG.CONSISTS OF 2-2000000 BBL TANK
FARMS MADE UP OF 6-50M WELDED,8-10M & 6-3M BARREL BLTD STL
TANKS,WATER SUPPLY TANK & SECURITY FENCING REQUIRES 1100ACRES
30CY FINE AGGR. 33CY COARSE AGGR. HAND EXT. ONLY INCLUDED
W/INSTALLATION AS FIREFIGHTING EQUIP.

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12510AD	12IN SWITCH MNFLD F/TNK FARM NO PMP	12-INCH	AS REQUIRED	3.0	78	69	291636	104	828	276	1208
12510AG	FLOOD PMP 1355BPH 12 IN MANIFOLD	1355 BPH	AS REQUIRED	4.0	56	84	201988	92	1656	460	2208
12510AK	TANK PMP POL 2800 BPH W/12IN MANIFD	2800 BPH	AS REQUIRED	8.0	56	112	130032	46	368	138	552
12510AR	TRANS PMP POL 2800 BPH W/12 IN MNFD	2800 BPH	AS REQUIRED	2.0	36	42	157328	104	794	161	1059
12510AW	PPLN POL 1000 FT OF 12 INCH GROOVE	1000FT-12IN	AS REQUIRED	2.0	18	64	8880	35	449	161	645
12510BC	PPLN POL 1 MILE OF 12 INCH GROOVE	1MILE-12INCH	AS REQUIRED	8.0	360	1416	191832	368	8740	3864	12972
12510BL	PPLN POL 1M FT OF 12 IN API GROVE	1000 FT	AS REQUIRED	8.0	32	32	88920	92	2116	1472	3680
12530AG	BOOSTER STATION POL 7000 BPH	7000 BPH	AS REQUIRED	8.0	216	448	432872	368	2576	736	3680
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	4.0	4	4	5472	23	161	92	276
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	8.0	8	8	9968	74	478	184	736
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	4.0	20	40	20808	115	460	207	782
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	2.0	2	26	18516	184	736	299	1219
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	6.0	12	192	72264	621	2139	1518	4278
41180AL	TANK POL 10000 BARREL W/12 IN PIPE	10000 BBL	AS REQUIRED	8.0	24	328	227072	1334	7820	4002	13156
41180AN	TANK POL 50000 BARREL W/12 IN PIPE	50000 BBL	AS REQUIRED	6.0	24	1158	365532	2070	30636	13800	46506
161050BF	4QTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	3.0	21	45	35193	110	1577	587	2274
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	8.0	56	64	11232	442	2042	2061	4545
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	4.0	8	8	1328	37	552	221	810
					1031	4140	2270873	6219	64128	30239	100586

DESERT CLIMATE

600000 BBL CAPACITY TANK FARM COMPLEX BULK STGE OF 4 PROD. PC1049
TEMPERATE,TROPIC,DESERT & FRIGID. W/8IN-INLAND PPLN,BOOSTER
PMP STA.& OPER BLDG. CONSISTS OF 3-200000 BBL TANK FARMS
MADE UP OF 9-50M WELDED,12-10M & 9-3M BARREL BLTD STL
TANKS,WATER SUPPLY TANK & SECURITY FENCING. REQUIRES 188
ACRES. 50CY FINE AGGR. 55CY COARSE AGGR. HAND EXT. ONLY INCL
UDED W/INSTALLATION AS FIREFIGHTING EQUIP.

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	VERT	GENL	TOT
12510AC	8IN-SWITCH MNFLD F/TNK FARM W/O PMP	8-INCH	AS REQUIRED	4.0	64	64	78720	46	828	276	1150
12510AF	FLOOD PMP 1355BPH 8IN MANIFOLD	1355 BPH	AS REQUIRED	6.0	66	120	123762	138	1932	552	2622
12510AJ	TANK PMP POL 1400 BPH W/8 IN MANIFD	1400 BPH	AS REQUIRED	12.0	48	108	95244	69	483	138	690
12510AP	TRANS PMP POL 1400 BPH W/8 IN MNFD	1400 BPH	AS REQUIRED	3.0	36	48	48327	121	845	173	1139
12510AV	PPLN POL 1000 FT OF 8 INCH GROOVE	1000FT-4IN	AS REQUIRED	3.0	18	45	27774	35	380	207	622
12510BB	PPLN POL 1 MILE OF 8 INCH GROOVE	1 MILE-8INCH	AS REQUIRED	18.0	648	1566	680346	828	9315	6624	16767
12510BK	PPLN POL 1M FT OF 8 IN API GROOVE	1000 FT	AS REQUIRED	12.0	156	192	42000	138	2760	1932	4830
12530AF	BOOSTER STATION POL 2800 BPH	2800 BPH	AS REQUIRED	12.0	168	348	324840	552	1311	483	2346
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	6.0	6	6	8208	35	242	138	415
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	6.0	6	6	7476	55	359	138	552
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	6.0	30	60	31212	173	690	311	1174
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	3.0	3	39	27774	276	1104	449	1829
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	9.0	18	288	108396	932	3209	2277	6418
41180AK	TANK POL 10000 BARREL W/8 IN PIPE	10000 BBL	AS REQUIRED	12.0	36	480	241380	1932	11730	5934	19596
41180AM	TANK POL 50000 BARREL W/8 IN PIPE	50000 BBL	AS REQUIRED	9.0	36	1737	475623	3105	45851	20700	69656
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	5.0	35	75	58655	184	2628	978	3790
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	10.7	75	86	15023	591	2732	2756	6079
87210AT	VEH-MAN GATE ;FOR SECURITY FENCE	1	AS REQUIRED	6.0	12	12	1992	55	828	331	1214
					1461	5280	2396752	9265	87227	44397	140889

DESERT CLIMATE

600000 BBL CAPACITY TANK FARM COMPLEX BULK STGE OF 4 PROD. TEMPERATE, TROPIC, DESERT & FRIGID. W/12IN-INLAND PPLN, BOOSTER PMP STA.& OPER BLDG. CONSISTS OF 3-200000 BBL TANK FARMS MADE UP OF 9-50M WELDED, 12-10M & 9-3M BARREL BLTD STL TANKS, WATER SUPPLY TANK & SECURITY FENCING. REQUIRES 188 ACRES, 50CY FINE AGGR, 55CY COARSE AGGR, HAND EXT. ONLY INCLUDED W/INSTALLATION AS FIREFIGHTING EQUIP. PC1059

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12510AD	12IN SWITCH MNFLD F/TNK FARM NO PMP	12-INCH	AS REQUIRED	4.0	104	92	388848	138	1104	368	1610
12510AG	FLOOD PMP 1355BPH 12 IN MANIFOLD	1355 BPH	AS REQUIRED	6.0	84	126	302982	138	2484	690	3312
12510AK	TANK PMP POL 2800 BPH W/12IN MANIFD	2800 BPH	AS REQUIRED	12.0	84	168	195048	69	552	207	828
12510AR	TRANS PMP POL 2800 BPH W/12 IN MNFD	2800 BPH	AS REQUIRED	3.0	54	63	235992	155	1190	242	1587
12510AW	PPLN POL 1000 FT OF 12 INCH GROOVE	1000FT-12IN	AS REQUIRED	3.0	27	96	13320	52	673	242	967
12510BC	PPLN POL 1 MILE OF 12 INCH GROOVE	1MILE-12INCH	AS REQUIRED	18.0	810	3186	431622	828	19665	8694	29187
12510BL	PPLN POL 1M FT OF 12 IN API GROVE	1000 FT	AS REQUIRED	12.0	48	48	133380	138	3174	2208	5520
12530AG	BOOSTER STATION POL 7000 BPH	7000 BPH	AS REQUIRED	12.0	324	672	649308	552	3864	1104	5520
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	6.0	6	6	8208	35	242	138	415
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	12.0	12	12	14952	110	718	276	1104
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	6.0	30	60	31212	173	690	311	1174
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	3.0	3	39	27774	276	1104	449	1829
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	9.0	18	288	108396	932	3209	2277	6418
41180AL	TANK POL 10000 BARREL W/12 IN PIPE	10000 BBL	AS REQUIRED	12.0	36	492	340608	2001	11730	6003	19734
41180AN	TANK POL 50000 BARREL W/12 IN PIPE	50000 BBL	AS REQUIRED	9.0	36	1737	548298	3105	45954	20700	69759
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	5.0	35	75	58655	184	2628	978	3790
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	10.7	75	86	15023	591	2732	2756	6079
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	6.0	12	12	1992	55	828	331	1214
					1798	7258	3505618	9532	102541	47974	160047

DESERT CLIMATE

800000 BBL CAPACITY TANK FARM COMPLEX BULK STGE OF 4 PROD. TEMPERATE,TROPIC,DESERT & FRIGID. W/8 IN-INLAND PPLN, BOOSTER PMP STA. & OPER BLDG. CONSISTS OF 4-200000 BBL TANK FARMS MADE UP OF 12-50M WELDED\16-10M & 12-3M BARREL BLTD TANKS,WATER SUPPLY TANK & SECURITY FENCING. REQUIRES 267 ACRES. 70CY FINE AGGR. 77CY AGGR. HAND EXT. ONLY INCLUDED W/INSTALLATION AS FIREFIGHTING EQUIP. PC1069

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	GENL	TOT
12510AC	8IN-SWITCH MNFLD F/TNK FARM W/O PMP	8-INCH	AS REQUIRED	5.0	80	80	98600	58	1035	345	1438
12510AF	FLOOD PMP 1355BPH 8IN MANIFOLD	1355 BPH	AS REQUIRED	8.0	88	160	165016	184	2576	736	3496
12510AJ	TANK PMP POL 1400 BPH W/8 IN MANIFD	1400 BPH	AS REQUIRED	16.0	64	144	126992	92	644	184	920
12510AP	TRANS PMP POL 1400 BPH W/8 IN MNFD	1400 BPH	AS REQUIRED	4.0	48	64	64436	161	1127	230	1518
12510AV	PPLN POL 1000 FT OF 8 INCH GROOVE	1000FT-4IN	AS REQUIRED	4.0	24	60	37032	46	506	276	828
12510BB	PPLN POL 1 MILE OF 8 INCH GROOVE	1 MILE-8INCH	AS REQUIRED	24.0	864	2088	907128	1104	12420	8832	22356
12510BK	PPLN POL 1M FT OF 8 IN API GROOVE	1000 FT	AS REQUIRED	16.0	208	256	56000	184	3680	2576	6440
12530AF	BOOSTER STATION POL 2800 BPH	2800 BPH	AS REQUIRED	24.0	336	696	649680	1104	2622	966	4692
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	8.0	8	8	10944	46	322	184	552
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	12.0	12	12	14952	110	718	276	1104
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	10.0	50	100	52020	288	1150	518	1956
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	4.0	4	52	37032	368	1472	598	2438
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	12.0	24	384	144528	1242	4278	3036	8556
41180AK	TANK POL 10000 BARREL W/8 IN PIPE	10000 BBL	AS REQUIRED	16.0	48	640	321840	2576	15640	7912	26128
41180AM	TANK POL 50000 BARREL W/8 IN PIPE	50000 BBL	AS REQUIRED	12.0	48	2316	634164	4140	61134	27600	92874
1610508F	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	7.0	49	105	82117	258	3679	1369	5306
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	14.2	99	114	19937	784	3625	3658	8067
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	8.0	16	16	2656	74	1104	442	1620
					2070	7295	3424874	12819	117732	59738	190289

DESERT CLIMATE

800000 BBL CAPACITY TANK FARM COMPLEX BULK STGE OF 4 PROD. TEMPERATE, TROPIC, DESERT & FRIGID. W/12IN-INLAND PPLN, BOOSTER PMP STA.& OPER BLDG. CONSISTS OF 4-200000 BBL TANK FARMS MADE UP OF 12-50M WELDED, 16-10M & 12-3M BARREL BLTD STL TANKS, WATER SUPPLY TANK & SECURITY FENCING. REQUIRES 267 ACRES, 70CY FINE AGGR, 77CY COARSE AGGR, HAND EXT. ONLY INCLUDED W/INSTALLATION AS FIREFIGHTING EQUIP. PC1079

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12510AD	12IN SWITCH MNFLD F/TNK FARM NO PMP	12-INCH	AS REQUIRED	5.0	130	115	486060	173	1380	460	2013
12510AG	FLOOD PMP 1355BPH 12 IN MANIFOLD	1355 BPH	AS REQUIRED	8.0	112	168	403976	184	3312	920	4416
12510AK	TANK PMP POL 2800 BPH W/12IN MANIFD	2800 BPH	AS REQUIRED	16.0	112	224	260064	92	736	276	1104
12510AR	TRANS PMP POL 2800 BPH W/12 IN MNFD	2800 BPH	AS REQUIRED	4.0	72	84	314656	207	1587	322	2116
12510AW	PPLN POL 1000 FT OF 12 INCH GROOVE	1000FT-12IN	AS REQUIRED	4.0	36	128	17760	69	897	322	1288
12510BC	PPLN POL 1 MILE OF 12 INCH GROOVE	1MILE-12INCH	AS REQUIRED	24.0	1080	4248	575496	1104	26220	11592	38916
12510BL	PPLN POL 1M FT OF 12 IN API GROVE	1000 FT	AS REQUIRED	16.0	64	64	177840	184	4232	2944	7360
12530AG	BOOSTER STATION POL 7000 BPH	7000 BPH	AS REQUIRED	24.0	648	1344	1298616	1104	7728	2208	11040
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	8.0	8	8	10944	46	322	184	552
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	24.0	24	24	29904	221	1435	552	2208
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	10.0	50	100	52020	288	1150	518	1956
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	4.0	4	52	37032	368	1472	598	2438
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	12.0	24	384	144528	1242	4278	3036	8556
41180AL	TANK POL 10000 BARREL W/12 IN PIPE	10000 BBL	AS REQUIRED	16.0	48	656	454144	2668	15640	8004	26312
41180AN	TANK POL 50000 BARREL W/12 IN PIPE	50000 BBL	AS REQUIRED	12.0	48	2316	731064	4140	61272	27600	93012
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	7.0	49	105	82117	258	3679	1369	5306
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	14.2	99	114	19937	784	3625	3658	8067
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	8.0	16	16	2656	74	1104	442	1620
					2624	10150	5098814	13206	140069	65005	218280

DESERT CLIMATE

1000000 BBL CAPACITY TANK FARM COMPLEX BULK STGE OF 4 PROD. PC1089
TEMPERATE,TROPIC,DESERT & FRIGID. W/8 IN-INLAND PPLN,
BOOSTER PMP STA.& OPER BLDG. CONSISTS OF 4-250000 BBL TANK
FARMS MADE UP OF 16-50M WELDED, AND TWENTY 10 THOUSAND BLTD
STL TANKS,WATER SUPPLY TANK & SECURITY FENCING.REQUIRES 263
ACRES. 70CY FINE AGGR. 77CY COARSE AGGR. HAND EXT. ONLY INCL
UDED W/INSTALLATION AS FIREFIGHTING EQUIP.

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	GENL	TOT
12510AC	8IN-SWITCH MNFLD F/TNK FARM W/O PMP	8-INCH	AS REQUIRED	5.0	80	80	98400	58	1035	345	1438
12510AF	FLOOD PMP 1355BPH 8IN MANIFOLD	1355 BPH	AS REQUIRED	8.0	88	160	165016	184	2576	736	3496
12510AJ	TANK PMP POL 1400 BPH W/8 IN MANIFD	1400 BPH	AS REQUIRED	16.0	64	144	126992	92	644	184	920
12510AP	TRANS PMP POL 1400 BPH W/8 IN MNFD	1400 BPH	AS REQUIRED	4.0	48	64	64436	161	1127	230	1518
12510AV	PPLN POL 1000 FT OF 8 INCH GROOVE	1000FT-4IN	AS REQUIRED	4.0	24	60	37032	46	506	276	828
12510BB	PPLN POL 1 MILE OF 8 INCH GROOVE	1 MILE-8INCH	AS REQUIRED	24.0	864	2088	907128	1104	12420	8832	22356
12510BK	PPLN POL 1M FT OF 8 IN API GROOVE	1000 FT	AS REQUIRED	24.0	312	384	84000	276	5520	3864	9660
12530AF	BOOSTER STATION POL 2800 BPH	2800 BPH	AS REQUIRED	24.0	336	696	649680	1104	2622	966	4692
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	8.0	8	8	10944	46	322	184	552
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	12.0	12	12	14952	110	718	276	1104
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	10.0	50	100	52020	288	1150	518	1956
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	4.0	4	52	37032	368	1472	598	2438
41180AK	TANK POL 10000 BARREL W/8 IN PIPE	10000 BBL	AS REQUIRED	20.0	60	800	402300	3220	19550	9890	32660
41180AM	TANK POL 50000 BARREL W/8 IN PIPE	50000 BBL	AS REQUIRED	16.0	64	3088	845552	5520	81512	36800	123832
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	7.0	49	105	82117	258	3679	1369	5306
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	15.0	105	120	21060	828	3830	3864	8522
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	8.0	16	16	2656	74	1104	442	1620
					2184	7977	3601317	13737	139787	69374	222898

DESERT CLIMATE

1000000 BBL CAPACITY TANK FARM COMPLEX BULK STGE OF 4 PROD. TEMPERATE,TROPIC,DESERT & FRIGID. W/12IN-INLAND PPLN, BOOSTER PMP STA.& OPER BLDG.CONSISTS OF 4-250000 BBL TANK FARMS MADE UP OF 12-50M WELDED AND TWENTY 10 THOUSAND BLTD STL TANKS,WATER SUPPLY TANK & SECURITY FENCING. REQUIRES 263 ACRES, 70CY FINE AGGR, 77CY COARSE AGGR, HAND EXT. ONLY INCL UDED W/INSTALLATION AS FIREFIGHTING EQUIP. PC1099

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12510AD	12IN SWITCH MNFLD F/TNK FARM NO PMP	12-INCH	AS REQUIRED	5.0	130	115	486060	173	1380	460	2013
12510AG	FLOOD PMP 1355BPH 12 IN MANIFOLD	1355 BPH	AS REQUIRED	8.0	112	168	403976	184	3312	920	4416
12510AK	TANK PMP POL 2800 BPH W/12IN MANIFD	2800 BPH	AS REQUIRED	16.0	112	224	260064	92	736	276	1104
12510AR	TRANS PMP POL 2800 BPH W/12 IN MNFD	2800 BPH	AS REQUIRED	4.0	72	84	314656	207	1587	322	2116
12510AW	PPLN POL 1000 FT OF 12 INCH GROOVE	1000FT-12IN	AS REQUIRED	4.0	36	128	17760	69	897	322	1288
12510BC	PPLN POL 1 MILE OF 12 INCH GROOVE	1MILE-12INCH	AS REQUIRED	24.0	1080	4248	575496	1104	26220	11592	38916
12510BL	PPLN POL 1M FT OF 12 IN API GROVE	1000 FT	AS REQUIRED	24.0	96	96	266760	276	6348	4416	11040
12530AG	BOOSTER STATION POL 7000 BPH	7000 BPH	AS REQUIRED	24.0	648	1344	1298616	1104	7728	2208	11040
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	8.0	8	8	10944	46	322	184	552
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	24.0	24	24	29904	221	1435	552	2208
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	10.0	50	100	52020	288	1150	518	1956
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	4.0	4	52	37032	368	1472	598	2438
41180AL	TANK POL 10000 BARREL W/12 IN PIPE	10000 BBL	AS REQUIRED	20.0	60	820	567680	3335	19550	10005	32890
41180AN	TANK POL 50000 BARREL W/12 IN PIPE	50000 BBL	AS REQUIRED	16.0	64	3088	974752	5520	81696	36800	124016
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	7.0	49	105	82117	258	3679	1369	5306
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	15.0	105	120	21060	828	3830	3864	8522
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	8.0	16	16	2656	74	1104	442	1620
					2666	10740	5401553	14147	162446	74848	251441

DESERT CLIMATE

4000 BBL CAPACITY TANK FARM COMPLEX BULK STGE OF 4 PROD. PC1109
TEMPERATE,TROPIC,DESERT & FRIGID. W/6 IN-INLAND PPLN,BOOSTER
PMP STA.& OPER BLDG.CONSISTS XF 2-200000 BBL TANK FARMS MADE
UP OF 38-10 THOUSAND AND EIGHT 3 THOUSAND BL D S 1 TANKS,
WATER SUPPLY TANK & SECURITY FENCING. REQUIRES 110 ACRES
20CY FINE AGGR. 22CY COARSE AGGR. HAND EXT. ONLY INCLUDED
W/INSTALLATION AS FIREFIGHTING EQUIP.

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	GENL	TOT
12510AB	6IN-SWITCH MNFLD F/TNK FARM W/O PMP	6-INCH	AS REQUIRED	1.0	9	9	15541	12	173	58	243
12510AC	8IN-SWITCH MNFLD F/TNK FARM W/O PMP	8-INCH	AS REQUIRED	2.0	32	32	39360	23	414	138	575
12510AF	FLOOD PMP 1355BPH 8IN MANIFOLD	1355 BPH	AS REQUIRED	4.0	44	80	82508	92	1288	368	1748
12510AJ	TANK PMP POL 1400 BPH W/8 IN MANIFD	1400 BPH	AS REQUIRED	8.0	32	72	63496	46	322	92	460
12510AP	TRANS PMP POL 1400 BPH W/8 IN MNFD	1400 BPH	AS REQUIRED	2.0	24	32	32218	81	564	115	760
12510AV	PPLN POL 1000 FT OF 8 INCH GROOVE	1000FT-4IN	AS REQUIRED	2.0	12	30	18516	23	253	138	414
12510BA	PPLN POL 1 MILE OF 6 INCH GROOVE	1MILE-6INCH	AS REQUIRED	4.0	120	200	128832	138	1472	1012	2622
12510BK	PPLN POL 1M FT OF 8 IN API GROOVE	1000 FT	AS REQUIRED	12.0	156	192	42000	138	2760	1932	4830
12530AE	BOOSTER STATION POL 1400 BPH	1400 BPH	AS REQUIRED	4.0	52	112	108604	184	437	161	782
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	8.0	8	8	10944	46	322	184	552
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	4.0	20	60	20808	115	460	207	782
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	2.0	2	26	18516	184	736	299	1219
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	8.0	16	256	96352	828	2852	2024	5704
41180AK	TANK POL 10000 BARREL W/8 IN PIPE	10000 BBL	AS REQUIRED	38.0	114	1520	764370	6118	37145	18791	62054
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	3.0	21	45	35193	110	1577	587	2274
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	10.0	70	80	14040	552	2553	2576	5681
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	4.0	8	8	1328	37	552	221	810
					740	2742	1492626	8727	53880	28903	91510

DESERT CLIMATE

POL PIPELINE,41M 8MILES,WITH 355 BPH PUMP. PD1019
STATION FOR TEMP,TROP,DST & FRIGID CLIMATE. TRANSFER OF POL
PRODUCTS AT RATE OF 7000 BBL/DAY. REQUIRES 97 ACRES. 2 CY F
INE AGGR. 2 CY COARSE AGGR. ONLY HAND EXT. INCLUDED WITH INS
TALLATION AS FIREFIGHTING EQUIP.

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
1251080	PPLN POL 5 MILE OF 4 INCH GROOVE	5 MILES-4 IN	AS REQUIRED	1.0	61	110	61704	58	1265	828	2151
12510BM	PPLN POL 1 MILE- 4 IN API GROVE	1 MILE	AS REQUIRED	3.0	102	69	96474	104	1449	966	2519
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	1.0	1	1	1368	6	40	23	69
12530AM	PUMP STATION POL FOR 4 IN PIPELINE	385 BPH	AS REQUIRED	1.0	5	86	80584	40	115	40	195
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	1.0	5	10	5202	29	115	52	196
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	.3	2	2	421	17	77	77	171
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	1.0	2	2	332	9	138	55	202
					178	280	246085	263	3199	2041	5503

DESERT CLIMATE

POL PIPELINE,61M 17MILES,WITH 785 BPH PUMP. STATION FOR TEMP,TROP,DST & FRIGID CLIMATE. TRANSFER OF POL PRODUCTS AT RATE OF 15000 BBL/DAY. REQUIRES 206 ACRES. 2 CY FINE AGGR. 2 CY COARSE AGGR. ONLY HAND EXT. INCLUDED WITH IN STALLATION AS FIREFIGHTING EQUIP. PD1029

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	GENL	TOT
12510BE	PPLN POL 5 MILE OF 6 INCH GROOVE	5 MILES-6 IN	AS REQUIRED	3.0	441	717	476826	173	5003	3795	8971
12510BN	PPLN POL 1 MILE- 6 IN API GROVE	1 MILE	AS REQUIRED	2.0	118	126	89200	92	1196	667	1955
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	1.0	1	1	1246	9	60	23	92
12530AN	PUMP STATION POL FOR 6 IN PIPELINE	789 BPH	AS REQUIRED	1.0	9	171	155992	40	247	104	391
41180AC	TANK, POL, 500 BARREL, W/4 IN PIPE	500 BBL	AS REQUIRED	1.0	1	7	6442	52	207	86	345
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	.4	3	3	562	22	102	103	227
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	1.0	2	2	332	9	138	55	202
					575	1027	730600	397	6953	4833	12183

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DESERT CLIMATE

POL PIPELINE 81M 17MILES,WITH 1355 BPH PUMP. PD1039
STATION FOR TEMP,TROP,DST & FRIGID CLIMATE. TRANSFER OF POL
PRODUCTS AT RATE OF 27000 BBL/DAY. REQUIRES 206 ACRES. 2 CY
FINE AGGR. 2 CY COARSE AGGR. ONLY HAND EXT. INCLUDED WITH IN
STALLATION AS FIREFIGHTING EQUIP.

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12510BF	PPLN POL 5 MILE OF 8 INCH GROOVE	5 MILES-8 IN	AS REQUIRED	3.0	546	1296	595626	173	5348	3657	9178
12510BP	PPLN POL 1 MILE- 8 IN API GROVE	1 MILE	AS REQUIRED	2.0	142	162	38414	184	1702	805	2691
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	1.0	1	1	1246	9	60	23	92
12530AP	PUMP STATION POL FOR 8 IN PIPELINE	1355 BPH	AS REQUIRED	1.0	32	63	62452	46	276	127	449
41180AC	TANK, POL, 500 BARREL, W/4 IN PIPE	500 BBL	AS REQUIRED	1.0	1	7	6442	52	207	86	345
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	.4	3	3	562	22	102	103	227
87210AT	VEH-MAN GAT, FOR SECURITY FENCE	1	AS REQUIRED	1.0	2	2	332	9	138	55	202
					727	1534	705074	495	7833	4856	13184

DESERT CLIMATE

POL SHORE BOOSTER STATION,6INCH LINE,1800 BPH PUMP. PD1049

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12671AA	TANKS, COLLAPSIBLE W/EQUIPMENT, POL	5-10000GAL	AS REQUIRED	1.0	7	22	69987	12	63	17	92
12502AA	PMP,CENTR,1050GPM,850FTHD W/8IN MAN		AS REQUIRED	2.0	18	52	54696	147	350	110	607
12503AA	SWITCHING MAN 8/10IN W/3-WAY VALVES		AS REQUIRED	1.0	8	31	63135	74	175	55	304
12504AA	METER,TURBINE,6IN,1050GPM W/10IN PI		AS REQUIRED	1.0	8	14	2551	74	175	55	304
12505AA	FILTER COALESCER,W/10IN PIPE		AS REQUIRED	1.0	9	32	75000	74	175	55	304
12506AA	PPL BBL CLEANER ASSY.6IN		AS REQUIRED	1.0	4	4	6995	21	123	52	196
12510BJ	PPLN POL 1M FT OF 6 IN API GROOVE	1000 FT	AS REQUIRED	2.0	22	26	16526	12	265	161	438
12510BK	PPLN POL 1M FT OF 8 IN API GROOVE	1000 FT	AS REQUIRED	3.0	39	48	10500	35	690	483	1208
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	6-UNIT	AS REQUIRED	1.0	1	1	1246	9	60	23	92
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	1.0	5	10	5202	29	115	52	196
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	1.0	7	15	11731	37	526	196	759
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	4.0	28	32	5616	221	1021	1030	2272
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	1.0	2	2	332	9	138	55	202
					158	289	301517	754	3876	2344	6974

DDEXER4 RUN DATE 860207

DESERT CLIMATE

POL SHORE BOOSTER STATION,8INCH LINE,3600 BPA PUMP. PD1059

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12471AA	TANKS, COLLAPSIBLE W/EQUIPMENT, POL	5-100000GAL	AS REQUIRED	1.0	7	22	49987	12	63	17	92
12502AA	PMP,CENTR,1050GPM,850FTHD W/8IN MAN		AS REQUIRED	3.0	27	78	82044	221	524	166	911
12503AA	SWITCHING MAN 8/10IN W/3-WAY VALVES		AS REQUIRED	2.0	16	62	126270	147	350	110	607
12504AA	METER,TURBINE,6IN,1050GPM W/10IN PI		AS REQUIRED	1.0	8	14	2551	74	175	55	304
12505AA	FILTER COALESCER,W/10IN PIPE		AS REQUIRED	1.0	9	32	75000	74	175	55	304
12506AB	PPL BBL CLEANER ASSY.8IN		AS REQUIRED	1.0	5	4	6737	21	123	52	196
12510BK	PPLN POL 1M ET OF 8 IN API GROOVE	1000 FT	AS REQUIRED	2.0	26	32	7000	23	460	322	805
12510CC	PIPELN,1000FT,10IN GRVD STL API PI		AS REQUIRED	3.0	54	93	17256	35	742	518	1295
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	1.0	1	1	1246	9	60	23	92
41180AC	TANK, POL, 500 BARREL, W/4 IN PIPE	500 BBL	AS REQUIRED	1.0	1	7	6442	52	207	86	345
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	1.0	7	15	11731	37	526	196	759
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	4.0	28	32	5616	221	1021	1030	2272
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	1.0	2	2	332	9	138	55	202
					191	394	392212	935	4564	2685	8184

DDEXER4 RUN DATE 860207

DESERT CLIMATE

POL SHORE BOOSTER STATION,8INCH LINE,5400 BPH PUMP. PD1069

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS MT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	EFFORT IN MANHOURS GENL	EFFORT IN MANHOURS TOT
12471AA	TANKS, COLLAPSIBLE W/EQUIPMENT, POL	5-10000GAL	AS REQUIRED	1.0	7	22	49987	12	63	17	92
12502AA	PMP,CENTR,1050GPM,850FTHD W/8IN MAN		AS REQUIRED	4.0	36	104	109392	294	699	221	1214
12503AA	SWITCHING MAN 8/10IN W/3-WAY VALVES		AS REQUIRED	2.0	16	62	126270	147	350	110	607
12504AA	METER,TURBINE,6IN,1050GPM W/10IN PI		AS REQUIRED	1.0	8	14	2551	74	175	55	304
12505AA	FILTER COALESCER,W/10IN PIPE		AS REQUIRED	1.0	9	32	75000	74	175	55	304
12506AB	PPL BBL CLEANER ASSY.8IN		AS REQUIRED	1.0	5	4	6737	21	123	52	196
12510BK	PPLN POL 1M FT OF 8 IN API GROOVE	1000 FT	AS REQUIRED	2.0	26	32	7000	23	460	322	805
12510CC	PIPELN,1000FT,10IN GRVD STL API PI		AS REQUIRED	3.0	54	93	17256	35	742	518	1295
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	1.0	1	1	1246	9	60	23	92
41180AC	TANK, POL, 500 BARREL, W/4 IN PIPE	500 BBL	AS REQUIRED	1.0	1	7	6442	52	207	86	345
16105OBF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	1.0	7	15	11731	37	526	196	759
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	4.0	28	32	5616	221	1021	1030	2272
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	1.0	2	2	332	9	138	55	202
					200	420	419560	1008	4739	2740	8487

DESERT CLIMATE

POL SHORE BOOSTER STATION,10INCH LINE 7200 BPH PUMP. PD1079

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12471AA	TANKS, COLLAPSIBLE W/EQUIPMENT, POL	5-10000GAL	AS REQUIRED	1.0	7	22	49987	12	63	17	92
12502AA	PMP,CENTR,1050GPM,850FTHD W/8IN MAN		AS REQUIRED	7.0	63	182	191436	515	1224	386	2125
12503AA	SWITCHING MAN 8/10IN W/3-WAY VALVES		AS REQUIRED	4.0	32	124	252540	294	699	221	1214
12504AA	METER,TURBINE,6IN,1050GPM W/10IN PI		AS REQUIRED	1.0	8	14	2551	74	175	55	304
12505AA	FILTER COALESCER,W/10IN PIPE		AS REQUIRED	1.0	9	32	75000	74	175	55	304
12506AC	PIPELN BBL CLEANER TRAP 10IN IN-OUT		AS REQUIRED	1.0	7	13	8851	21	123	52	196
12510BL	PPLN POL 1M FT OF 12 IN API GROVE	1000 FT	AS REQUIRED	3.0	12	12	33345	35	794	552	1381
12510CC	PIPELN,1000FT,10IN GRVD STL API PI		AS REQUIRED	2.0	36	62	11504	23	495	345	863
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	1.0	1	1	1246	9	60	23	92
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	1.0	1	13	9258	92	368	150	610
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	1.0	7	15	11731	37	526	196	759
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	4.0	28	32	5616	221	1021	1030	2272
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	1.0	2	2	332	9	138	55	202
					213	524	653397	1416	5861	3137	10414

DESERT CLIMATE

POL SHORE BOOSTER STATION,10INCH LINE 9000 BPH PUMP. PD1089

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	IN MANHOURS GENL	IN MANHOURS TOT
12471AA	TANKS, COLLAPSIBLE W/EQUIPMENT, POL	5-10000GAL	AS REQUIRED	1.0	7	22	49987	12	63	17	92
12502AA	PMP,CENTR,1050GPM,850FTHD W/8IN MAN		AS REQUIRED	8.0	72	208	218784	589	1398	442	2429
12503AA	SWITCHING MAN 8/10IN W/3-WAY VALVES		AS REQUIRED	4.0	32	124	252560	296	699	221	1216
12504AA	METER,TURBINE,6IN,1050GPM W/10IN PI		AS REQUIRED	1.0	8	14	2551	74	175	55	304
12505AA	FILTER COALESCER,W/10IN PIPE		AS REQUIRED	1.0	9	32	75000	74	175	55	304
12506AC	PIPELN BBL CLEANER TRAP 10IN IN-OUT		AS REQUIRED	1.0	7	13	8851	21	123	52	196
12510BL	PPLN POL 1M FT OF 12 IN API GROVE	1000 FT	AS REQUIRED	3.0	12	12	33345	35	796	552	1381
12510CC	PIPELN,1000FT,10IN GRVD STL API PI		AS REQUIRED	2.0	36	62	11504	23	495	345	863
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	1.0	1	1	1246	9	60	23	92
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	1.0	1	13	9258	92	368	150	610
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	1.0	7	15	11731	37	526	196	759
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	4.0	28	32	5616	221	1021	1030	2272
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	1.0	2	2	332	9	138	55	202
					222	550	680745	1490	6035	3193	10718

DDEXER4 RUN DATE 860207

DESERT CLIMATE

POL PIPELINE PUMPING STATION,6INCH LINE 1800 BPH PUMP. PD1149

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12471AA	TANKS, COLLAPSIBLE W/EQUIPMENT, POL	5-10000GAL	AS REQUIRED	1.0	7	22	49987	12	63	17	92
12502AA	PMP,CENTR,1050GPM,850FTHD W/8IN MAN		AS REQUIRED	2.0	18	52	54696	147	350	110	607
12503AA	SWITCHING MAN 8/10IN W/3-WAY VALVES		AS REQUIRED	1.0	8	31	63135	74	175	55	304
12504AA	METER,TURBINE,6IN,1050GPM W/10IN PI		AS REQUIRED	1.0	8	14	2551	74	175	55	304
12506AA	PPL BBL CLEANER ASSY,6IN		AS REQUIRED	1.0	4	4	6995	21	123	52	196
12510BJ	PPLN POL 1M FT OF 6 IN API GROOVE	1000 FT	AS REQUIRED	1.0	11	13	7263	6	132	81	219
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	1.0	1	1	1368	6	40	23	69
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	1.0	5	10	5202	29	115	52	196
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	1.0	7	15	11731	37	526	196	759
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	4.0	28	32	5616	221	1021	1030	2272
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	1.0	2	2	332	9	138	55	202
					99	196	208876	636	2858	1726	5220

DESERT CLIMATE

POL PIPELINE PUMPING STATION,8INCH LINE 3600 BPH PUMP. PD1159

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	GENL	TOT
12471AA	TANKS, COLLAPSIBLE W/EQUIPMENT, POL	5-100000GAL	AS REQUIRED	1.0	7	22	49987	12	63	17	92
12502AA	PMP,CENTR,1050GPM,850FTHD W/8IN MAN		AS REQUIRED	3.0	27	78	82044	221	524	166	911
12503AA	SWITCHING MAN 8/10IN W/3-WAY VALVES		AS REQUIRED	2.0	16	62	126270	147	350	110	607
12504AA	METER,TURBINE,6IN,1050GPM W/10IN PI		AS REQUIRED	1.0	8	14	2551	74	175	55	304
12506AB	PPL BBL CLEANER ASSY,8IN		AS REQUIRED	1.0	5	4	6737	21	123	52	196
12510BK	PPLN POL 1M FT OF 8 IN API GROOVE	1000 FT	AS REQUIRED	1.0	13	16	3500	12	230	161	403
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	1.0	1	1	1368	6	40	23	69
41180AC	TANK, POL, 500 BARREL, W/4 IN PIPE	500 BBL	AS REQUIRED	1.0	1	7	6442	52	207	86	345
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	1.0	7	15	11731	37	526	196	759
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	4.0	28	32	5616	221	1021	1030	2272
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	1.0	2	2	332	9	138	55	202
					115	253	296578	812	3397	1951	6160

DDEXER4 RUN DATE 860207

DESERT CLIMATE

POL PIPELINE PUMPING STATION,8INCH LINE 5400 BPH PUMP. PD1169

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12471AA	TANKS, COLLAPSIBLE W/EQUIPMENT, POL	5-10000GAL	AS REQUIRED	1.0	7	22	49987	12	63	17	92
12502AA	PMP,CENTR,1050GPM,850FTHD W/8IN MAN		AS REQUIRED	4.0	36	104	109392	294	699	221	1214
12503AA	SWITCHING MAN 8/10IN W/3-WAY VALVES		AS REQUIRED	2.0	16	62	126270	147	350	110	607
12504AA	METER,TURBINE,6IN,1050GPM W/10IN PI		AS REQUIRED	1.0	8	14	2551	74	175	55	304
12506AB	PPL BBL CLEANER ASSY,8IN		AS REQUIRED	1.0	5	4	6737	21	123	52	196
12510BK	PPLN POL 1M FT OF 8 IN API GROOVE	1000 FT	AS REQUIRED	1.0	13	16	3500	12	230	161	403
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	1.0	1	1	1368	6	40	23	69
41180AC	TANK, POL, 500 BARREL, W/4 IN PIPE	500 BBL	AS REQUIRED	1.0	1	7	6442	52	207	86	345
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	1.0	7	15	11731	37	526	196	759
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	4.0	28	32	5616	221	1021	1030	2272
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	1.0	2	2	332	9	138	55	202
					124	279	323926	885	3572	2006	6463

DESERT CLIMATE

POL PIPELINE PUMPING STATION,10INCH LINE 7200 BPH PUMP. PD1179

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12471AA	TANKS, COLLAPSIBLE W/EQUIPMENT, POL	5-10000GAL	AS REQUIRED	1.0	7	22	69987	12	63	17	92
12502AA	PMP,CENTR,1050GPM,850FTHD W/8IN MAN		AS REQUIRED	7.0	63	182	191436	515	1224	386	2125
12503AA	SWITCHING MAN 8/10IN W/3-WAY VALVES		AS REQUIRED	4.0	32	124	252540	294	699	221	1214
12504AA	METER,TURBINE,6IN,1050GPM W/10IN PI		AS REQUIRED	1.0	8	14	2551	74	175	55	304
12506AC	PIPELN BBL CLEANER TRAP 10IN IN-OUT		AS REQUIRED	1.0	7	13	8851	21	123	52	196
12510CC	PIPELN,1000FT,10IN GRVD STL API PI		AS REQUIRED	1.0	18	31	5752	12	247	173	432
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	1.0	1	1	1368	6	40	23	69
41180AC	TANK, POL, 500 BARREL, W/4 IN PIPE	500 BBL	AS REQUIRED	1.0	1	7	6442	52	207	86	345
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	1.0	7	15	11731	37	526	196	759
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	4.0	28	32	5616	221	1021	1030	2272
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	1.0	2	2	332	9	138	55	202
					174	443	536606	1253	4463	2294	8010

DDEXER4 RUN DATE 860207

DESERT CLIMATE

POL PIPELINE PUMPING STATION,10INCH LINE 9000 BPH PUMP. PD1189

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12471AA	TANKS, COLLAPSIBLE W/EQUIPMENT, POL	5-100000GAL	AS REQUIRED	1.0	7	22	49987	12	63	17	92
12502AA	PMP,CENTR,1050GPM,850FTHD W/8IN MAN		AS REQUIRED	8.0	72	208	218784	589	1398	442	2429
12503AA	SWITCHING MAN 8/10IN W/3-WAY VALVES		AS REQUIRED	4.0	32	124	252540	294	699	221	1214
12504AA	METER,TURBINE,6IN,1050GPM W/10IN PI		AS REQUIRED	1.0	8	14	2551	74	175	55	304
12506AC	PIPELN BBL CLEANER TRAP 10IN IN-OUT		AS REQUIRED	1.0	7	13	8851	21	123	52	196
12510CC	PIPELN,1000FT,10IN GRVD STL API PI		AS REQUIRED	1.0	18	31	5752	12	247	173	432
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	1.0	1	1	1368	6	40	23	69
41180AC	TANK, POL, 500 BARREL, W/4 IN PIPE	500 BBL	AS REQUIRED	1.0	1	7	6442	52	207	86	345
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X60X8FT	AS REQUIRED	1.0	7	15	11731	37	526	196	759
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	4.0	28	32	5616	221	1021	1030	2272
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	1.0	2	2	332	9	138	55	202
					183	469	563954	1327	4637	2350	8314

DESERT CLIMATE

POL PIPELINE PUMP STATION.ONE 6 INCH DIESEL DRIVEN PUMP,19 MILES OF 6 INCH PIPE AND TUBING,785 BPH CAPABILITY. PD1259

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	VOL-MT	COST	CONSTR EFFORT IN MANHOURS HORZ	VERT	GENL	TOT
12510BA	PPLN POL 1 MILE OF 6 INCH GROOVE	1MILE-6INCH	AS REQUIRED	2.0	60	100	64416	69	736	506	1311
12510BE	PPLN POL 5 MILE OF 6 INCH GROOVE	5 MILES-6 IN	AS REQUIRED	3.0	441	717	476826	173	5003	3795	8971
12510BN	PPLN POL 1 MILE- 6 IN API GROVE	1 MILE	AS REQUIRED	2.0	118	126	89200	92	1196	667	1955
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	2 UNIT	1.0	1	1	1368	6	40	23	69
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	4 UNIT	1.0	1	1	1246	9	60	23	92
12530AR	PUMP STA POL 6IN LINE 1 PUMP 600GPM	600 GPM	785 BPH	1.0	9	48	41366	209	1012	368	1589
41180AA	TANK, POL, 100 BARREL, W/4 IN PIPE	100 BBL	100 BBL	2.0	6	32	11256	58	173	69	300
41180AC	TANK, POL, 500 BARREL, W/4 IN PIPE	500 BBL	500 BBL	1.0	1	7	6442	52	207	86	345
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	20FTX40FT	1.0	7	15	11731	37	526	196	759
72321BC	LAT PIT TYPE FEMALE 2 SEATS 10X10	10X10X8FT	2 SEAT FEMALE	1.0	5	6	1028		129	18	147
81240AB	ELEC DISTR POL PUMP STA 6 IN LINE	2	AS REQUIRED	1.0	3	6	14092	81	276	175	532
84330AD	FIREFIGHT SYS EQP FOAM,POL 3000GAL		AS REQUIRED	1.0	1	5	17434		37		37
85110CJ	ROAD PAVEMENT,CLASS C,STAB SURFACE		ONE LANE	.4	177	119	884	57		18	75
85130KB	ROAD,CLASS C,GRADED AND DRAINED 1MI		ONE LANE	.4	1	2	538	1185		748	1933
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	TYPE Y	2.0	14	16	2808	110	511	515	1136
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	MAN/VEH	6.0	12	12	1992	55	828	331	1214
					857	1213	742627	2193	10734	7538	20465

DDEXER4 RUN DATE 860207

DESERT CLIMATE

POL PIPELINE PUMP STATION.TWO 6 INCH DIESEL DRIVEN PUMPS,19 MILES OF 6 INCH PIPE AND TUBING,1570 BPA CAPABILITY. PD1269

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12510BA	PPLN POL 1 MILE OF 6 INCH GROOVE	1MILE-6INCH	AS REQUIRED	2.0	60	100	64416	69	736	506	1311
12510BE	PPLN POL 5 MILE OF 6 INCH GROOVE	5 MILES-6 IN	AS REQUIRED	3.0	441	717	476826	173	5003	3795	8971
12510BN	PPLN POL 1 MILE- 6 IN API GROVE	1 MILE	AS REQUIRED	2.0	118	126	89200	92	1196	667	1955
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	2 UNIT	1.0	1	1	1368	6	40	23	69
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	4 UNIT	1.0	1	1	1246	9	60	23	92
12530AT	PUMP STA POL 6IN TWO PUMPS 1200 GPM	1200 GPM	785 BPH	1.0	14	92	76277	235	1198	442	1875
41180AA	TANK, POL, 100 BARREL, W/4 IN PIPE	100 BBL	100 BBL	2.0	6	32	11256	58	173	69	300
41180AC	TANK, POL, 500 BARREL, W/4 IN PIPE	500 BBL	500 BBL	1.0	1	7	6442	52	207	86	345
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	20FTX40FT	1.0	7	15	11731	37	526	196	759
72321BC	LAT PIT TYPE FEMALE 2 SEATS 10X10	10X10X8FT	2 SEAT FEMALE	1.0	5	6	1028		129	18	147
81240AB	ELEC DISTR POL PUMP STA 6 IN LINE	2	AS REQUIRED	1.0	3	6	14092	81	276	175	532
84330AD	FIREFIGHT SYS EQP FOAM,POL 3000GAL		AS REQUIRED	1.0	1	5	17434		37		37
85110CJ	ROAD PAVEMENT,CLASS C,STAB SURFACE		ONE LANE	.4	177	119	884	57		18	75
85130KB	ROAD,CLASS C,GRADED AND DRAINED 1MI		ONE LANE	.4	1	2	538	1185		748	1933
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	TYPE Y	2.0	14	16	2808	110	511	515	1136
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	MAN/VEH	6.0	12	12	1992	55	828	331	1214
					862	1257	777538	2219	10920	7612	20751

DESERT CLIMATE

POL TANK TRUCK LOADING STATION.2 STATIONS,4-UNITS. PE1019
TEMP,TROP,DST & FRIGID CLIM. LOAD 5000 GALLON TRUCKS AT RATE OF TWENTY TRUCKS/DAY/PRODUCT. TANKS,PPLNS,MANIFOLDS,PUMPS, OPERATIONS BLDG TO HANDLE 4 PRODUCTS OR LESS. REQUIRES 40 AC RES. 185 CY FINE AGGR. 290 CY COARSE AGGR. ONLY HAND EXT. IN CLUDGD W/INSTALLATION AS FIREFIGHTING EQUIP.

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
12510AE	FLOOD PMP 785 BPH 6IN MANIFOLD	785 BPH	AS REQUIRED	1.0	10	19	21960	12	247	63	322
12510AL	DIST MNFLD F/DRUM & CAN LOADG INSTL	785BPH,6-IN	AS REQUIRED	1.0	1	1	1792	6	52	12	70
12510AT	PPLN POL 1000 FT OF 4 INCH GROOVE	1000FT-4IN	AS REQUIRED	1.0	3	5	2498	12	85	41	138
12510BA	PPLN POL 1 MILE OF 6 INCH GROOVE	1MILE-6INCH	AS REQUIRED	8.0	240	400	257664	276	2944	2024	5244
12510BJ	PPLN POL 1M FT OF 6 IN API GROOVE	1000 FT	AS REQUIRED	2.0	22	26	16526	12	265	161	438
12530AH	LOADING PMP FOR 2TNK/TRK/5CAR INSTL	700X1400 BPH	AS REQUIRED	4.0	32	100	73772	46	391	115	552
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	3.0	3	3	6106	17	121	69	207
12630AA	LDG FACIL FOR TWO FUEL TRUCKS	2-STATION	AS REQUIRED	1.0	12	12	13862	173	374	1213	1760
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	3.0	15	30	15606	86	345	155	586
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	1.0	1	13	9258	92	368	150	610
41180AG	TANK, POL, 3000 BARREL, W/6 IN PIPE	3000 BBL	AS REQUIRED	8.0	16	256	100304	828	2852	1932	5612
161050BF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	1.0	7	15	11731	37	526	196	759
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	2.7	19	22	3791	149	689	696	1534
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	2.0	4	4	664	18	276	110	404
					385	906	531532	1764	9535	6937	18236

DDEXER4 RUN DATE 860207

DESERT CLIMATE

POL TANK CAR LOADING STATION,5 STATIONS. PE1029
TEMP,TROP,DST & FRIGID CLIM. LOAD FIFTEEN 10 THOUSAND GALLON RAILWAY TANK CARS PER DAY. PROVIDES TANKS,PPLNS,MANIFOLDS, PUMPS,OPERATIONS BLDG TO HANDLE 4 PRODUCTS OR LESS. REQUIRES 41 ACRES. 185CY FINE AGGR. 290CY COARSE AGGR. ONLY HAND EXT INCLUDED W/INSTALLATION AS FIREFIGHTING EQUIP.

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	IN MANHOURS GENL	IN MANHOURS TOT
12510AE	FLOOD PMP 785 BPH 6IN MANIFOLD	785 BPH	AS REQUIRED	1.0	10	19	21960	12	247	63	322
12510AL	DIST MNFLD F/DRUM & CAN LOADG INSTL	785BPH,6-IN	AS REQUIRED	1.0	1	1	1792	6	52	12	70
12510AT	PPLN POL 1000 FT OF 4 INCH GROOVE	1000FT-4IN	AS REQUIRED	1.0	3	5	2498	12	85	41	138
12510BA	PPLN POL 1 MILE OF 6 INCH GROOVE	1MILE-6INCH	AS REQUIRED	8.0	240	400	257664	276	2944	2024	5244
12510BJ	PPLN POL 1M FT OF 6 IN API GROOVE	1000 FT	AS REQUIRED	2.0	22	26	14526	12	265	161	438
12530AH	LOADING PMP FOR 2TNK/TRK/5CAR INSTL	700X1400 BPH	AS REQUIRED	4.0	32	100	73772	46	391	115	552
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	3.0	3	3	4106	17	121	69	207
12640AA	TANK CAR LOADING, POL, FOR LOADING	5-TANK CARS	AS REQUIRED	1.0	35	61	53557	598	1840	4025	6463
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	3.0	15	30	15606	86	345	155	586
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	1.0	1	13	9258	92	368	150	610
41180AG	TANK, POL, 3000 BARREL, W/6 IN PIPE	3000 BBL	AS REQUIRED	8.0	16	256	100304	828	2852	1932	5612
16105OBF	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	1.0	7	15	11731	37	526	196	759
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	2.7	19	22	3791	149	689	696	1534
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	2.0	4	4	664	18	276	110	404
					408	955	571227	2189	11001	9749	22939

DESERT CLIMATE

POL TANK CAR LOADING STATION 10 STATIONS. PE1039
TEMP,TROP,DST & FRIGID CLIM. LOAD THIRTY 10 THOUSAND GALLON RAILWAY TANK CARS PER DAY. PROVIDES TANKS,PPLNS,MANIFOLDS, PUMPS,OPERATIONS BLDG TO HANDLE 4 PRODUCTS OR LESS. REQUIRES 42 ACRES. 185CY FINE AGGR. 290CY COARSE AGGR. ONLY HAND EXT . INCLUDED W/INSTALLATION AS FIREFIGHTING EQUIP.

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR MANHOURS	EFFORT IN MANHOURS VERT	EFFORT IN MANHOURS GENL	EFFORT IN MANHOURS TOT
12510AE	FLOOD PMP 1355BPH 8IN MANIFOLD	1355 BPH	AS REQUIRED	1.0	11	20	20627	23	322	92	437
12510AM	DIST MNFLD F/10STA-TNK CAR LDG INST	10STATION	AS REQUIRED	1.0	2	2	2464	6	52	12	70
12510AT	PPLN POL 1000 FT OF 4 INCH GROOVE	1000FT-4IN	AS REQUIRED	1.0	3	5	2498	12	85	41	138
12510BB	PPLN POL 1 MILE OF 8 INCH GROOVE	1 MILE-8INCH	AS REQUIRED	8.0	288	696	302376	368	4140	2944	7452
12510BJ	PPLN POL 1M FT OF 6 IN API GROOVE	1000 FT	AS REQUIRED	2.0	22	26	14526	12	265	161	438
12510BK	PPLN POL 1M FT OF 8 IN API GROOVE	1000 FT	AS REQUIRED	.5	7	8	1750	6	115	81	202
12530AJ	LOADING PMP FOR 10TNK/CAR INSTL	2000-2500BPH	AS REQUIRED	4.0	56	164	111960	69	506	207	782
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR	2-UNIT	AS REQUIRED	3.0	3	3	4104	17	121	69	207
12640AB	TANK CAR LOADING, POL, FOR LOADING	10-TANK CARS	AS REQUIRED	1.0	74	75	71174	782	2392	5244	8418
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE	250 BBL	AS REQUIRED	3.0	15	30	15606	86	345	155	586
41180AE	TANK POL 1000 BARREL W/4 IN PIPE	1000 BBL	AS REQUIRED	1.0	1	13	9258	92	368	150	610
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE	3000 BBL	AS REQUIRED	8.0	16	256	96352	828	2852	2024	5704
16105OBE	HQTRS & UNIT SUPPLY&GO STL FR	20X40X8FT	AS REQUIRED	1.0	7	15	11731	37	526	196	759
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	2.7	19	22	3791	149	689	696	1534
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	2.0	4	4	664	18	276	110	404
					528	1339	668881	2505	13054	12182	27741

DDEXER4 RUN DATE 860207

DESERT CLIMATE

POL TANK CAR UNLOADING STATION,5 STATIONS. PE1049
TEMP,TROP,DST & FRIGID CLIM. UNLOADS UP TO FIFTY 10000 GALLO
N RAILWAY TANK CARS /10HR DAY. PROVIDES TANKS,PPLNS,MANIFOLD
S,PUMPS,OPERATIONS BLDG TO HANDLE 4 PRODUCTS OR LESS. REQUIR
ES 27 ACRES. 2CY FINE AGGR. 3CY COARSE AGGR. ONLY HAND EXT.
INCLUDED W/INSTALLATION AS FIREFIGHTING EQUIP.

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	VERT	GENL	TOT
12645AA	FUEL TRANSFER, POL, TANK CAR UNLOAD	5 STA-2 PROD	AS REQUIRED	1.0	45	67	79691	63	426	161	650
87210AR	SECURITY FENCE TYPE Y 1000 FEET	1000 FEET	AS REQUIRED	1.0	7	8	1404	55	255	258	568
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	AS REQUIRED	2.0	4	4	664	18	276	110	404
					56	79	81759	136	957	529	1622

DESERT CLIMATE

POL TANK CAR LOADING STATION. 2 STATIONS/4-UNIT. PE1059
TEMP,TROP,DST & FRIGID CLIM. PROVIDES TANK TRUCK LOADING FOR
2 STATION AT TANK FARM. THE EXISTING FUEL STORAGE TANKS OF
TANK FARM ARE CONNECTED TO THE LOADING STAND. LOADS 5000 GAL
. TRUCKS AT RATE OF 20 TRUCKS/DAY/PRODUCT. LINES FOR 4 PROD.
REAL EST. REQUIREMENT 4 ACRES. 6CY FINE AGGR. 12CY COARSE
AGGR. ONLY HAND EXT. INCLUDED W/INSTALLATION AS FIREFIGHTING

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	VERT	GENL	TOT
12510BJ	PPLN POL 1M FT OF 6 IN API GROOVE	1000 FT	AS REQUIRED	2.0	22	26	16526	12	265	161	438
12530AH	LOADING PMP FOR 2TNK/TRK/5CAR INSTL	700X1400 BPH	AS REQUIRED	4.0	32	100	73772	46	391	115	552
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR	4-UNIT	AS REQUIRED	2.0	2	2	2492	18	120	46	184
12630AA	LDG FACIL FOR TWO FUEL TRUCKS	2-STATION	AS REQUIRED	1.0	12	12	13862	173	374	1213	1760
					68	140	104652	249	1150	1535	2934

DDEXER4 RUN DATE 860207

DESERT CLIMATE

TEMPERATE CLIMATE,/TACTICAL/POL/50M BBL STOC COEC W/6IN SUBM PPLN &6 BUOYANT HOSELINE FOR TKR DISCHARGE/TEM/TROP & DST CLIM. DISCHARGE AND TRANSFER CAPACITY OF 600 GPM AND STOR. OF 3 PROD OR LESS/MOGAS. JP-4 & DIESEL FUEL). REQUIRES 160 ACRES. PF1015

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	GENL	TOT
12665AN	MARINE TERM 50M BBL STOR CAP	50000 BBL	AS REQUIRED	1.0	6	250	575092	2645	4255	1794	8694
85190AA	ROAD BEACH 2 LN PORT MAT SURF 1 MI		ACCESS ROAD	.4	197	120	49913		414	879	1293
87190AB	CLEARING AND GRUBBING ONE ACRE		SITE PREP.	160.0				6256		6624	12880
87210AY	TRIPLE STANDARD CONCERTINA FENCE		SECURITY FENCE	20.0	20	60	76840		2438	12190	14628
					223	430	701845	8901	7107	21487	37495

DESERT CLIMATE

FABRICATION PLANT,PANELIZED WOOD BUILDING SUB-FACILITY ASSEMBLY AND STORAGE AREA 12.9 ACRES REQUIRED FOR REAL ESTATE. REQUIRED FROM LOCAL SOURCE,FINE AGGREGATE 2026 CY,COARSE AGGREGATE 2614 CY.POWER REQUIREMENT MUST BE DETERMINED AND APPROPRIATE AFCS FACILITY SELECTED. PY2894

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	EFFORT IN MANHOURS VERT	IN MANHOURS GENL	IN MANHOURS TOT
22892AA	SAW HORSE,FOR PAN.WD.BLDG.FAB.WORK.		2 PER INST	2.0			58			5	5
22892AB	FABRICATION JIG WOOD FLOOR PANELS		2 PER INST	2.0	2	2	326		37		37
22892AC	FABRICATION JIG 6-8FT WALL PANELS		4 PER INST	4.0		4	576		64		64
22892AD	FABRICATION JIG 12FT WALL PANELS		2 PER INST	2.0	2	2	320		37		37
22892AE	FABRICATION JIG 24FT TRUSSES.		2 PER INST	2.0	2	4	748		83		83
22892AF	FABRICATION JIG 30FT TRUSSES.		2 PER INST	2.0	4	6	1082		92		92
22892AG	FABRICATION JIG 36FT TRUSSES.		2 PER INST	2.0	4	6	998		87		87
22892AH	FABRICATION JIG ROOF PANELS		2 PER INST	2.0	2	2	396		46		46
22892AJ	FABRICATION JIG BOX BEAMS		2 PER INST	2.0	2	2	652		28		28
72321BD	LAT PIT TYPE 160MAN 8 SEATS 10X20	10X20X8	1 PER INST	1.0	8	9	1559	2	230	37	269
84330AC	SUMP FIRE PROTECTION 10000 GAL	10000 GAL	EFF RAD 500FT	1.0	7	5	145	18	124	133	275
187190AA	SITE PREPARATION,ONE ACRE		BUILDINGS	2.5				253		92	345
87210AP	SECURITY FENCE TYPE X 1000 FEET	1000 FEET	PERIMETER	2.0	16	18	3312	106	584	589	1279
87210AT	VEH-MAN GATE FOR SECURITY FENCE	1	2 PER INST	2.0	4	4	664	18	276	110	404
87230AA	SENTRY BOX 4X4		2 PER INST	2.0			244	219	920	460	1599
93112AA	BLDG,PANELIZED WD 12X24X8FT C/F D/T		6 PER INST	6.0	66	36	9846	97	1201	711	2009
93112LA	BLDG,PANELIZED WD 144X140X12FT D/T		1 PER INST	1.0	739	2828	256776	436	6972	3856	11264
					858	2928	277702	1149	10781	5993	17923

DDEXER4 RUN DATE 860207

DESERT CLIMATE

PRE-PACKAGED CULVERT SECTIONS IN ASSORTED SIZES AND SANDBAGS FOR ROAD CONSTRUCTION AND REPAIR. YY1009

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
99999AA	PRE-PKGD DRAINAGE-FLD FORTS CULVERT		AS REQUIRED	1.0	5	13	4546				
99999AB	PRE-PACKAGED DRAINAGE SUPPLIES CULV		AS REQUIRED	1.0	5	12	4391				
99999AC	PRE-PACKAGED DRAINAGE SUPPLIES CULV		AS REQUIRED	1.0	4	14	3663				
99999AD	PRE-PACKAGED DRAINAGE SUPPLIES CULV		AS REQUIRED	1.0	4	16	3175				
99999AE	PRE-PACKAGED SANDBAGS MULTI-PURPOSE		AS REQUIRED	1.0	5	18	5963				
					23	73	21738				

DDEXER4 RUN DATE 860207

DESERT CLIMATE

CONTAINERIZED SUPPLIES FOR CONSTRUCTION OF FIELD FORTIFICATIONS. YY1019

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
99999AA	PRE-PKGD DRAINAGE-FLD FORTS CULVERT		AS REQUIRED	1.0	5	13	4566				
99999AE	PRE-PACKAGED SANDBAGS MULTI-PURPOSE		AS REQUIRED	1.0	5	18	5963				
99999AF	FIELD FORTS- BARBED-TAPE CONCERTINA		AS REQUIRED	1.0	2	16	12390				
99999AG	FLD FORTS-BARBED WIRE-POSTS-STL SEC		AS REQUIRED	1.0	8	15	5266				
99999AH	LUMBER 2 X 12 FLD FORTS & GEN CONST		AS REQUIRED	1.0	16	49	6324				
99999AJ	STRUCTURAL TIMBER 8IN X 10IN		AS REQUIRED	1.0	16	49	7824				
					52	160	42313				

DESERT CLIMATE

PRE-PACKAGED CONSTRUCTION SUPPLIES (LUMBER, HARDWARE, ELECTRICAL AND PLUMBING FIXTURES, ETC) FOR GENERAL CONSTRUCTION AND RENOVATION. YY1029

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
99999AH	LUMBER 2 X 12 FLD FORTS & GEN CONST		AS REQUIRED	1.0	16	49	6324				
99999AJ	STRUCTURAL TIMBER 3IN X 10IN		AS REQUIRED	1.0	16	49	7824				
99999AK	PLYWOOD-LUMBER & CORR SHEET METAL		AS REQUIRED	1.0	21	59	12639				
99999AL	ASSORTED SIZES OF STRUCTURAL LUMBER		AS REQUIRED	1.0	16	49	5349				
99999AM	ASSORTED CONST SUPPLIES & HARDWARE		AS REQUIRED	1.0	11	20	12414				
99999AN	ASSORTED ELEC SUPPLIES & FIXTURES		AS REQUIRED	1.0	9	38	52212				
99999AP	ASSORTED PLUMBING SUPPLIES/FIXTURES		AS REQUIRED	1.0	2	12	3755				
					91	276	100517				

DESERT CLIMATE

PRE-PACKAGED MULTI-PURPOSE RIGGING KIT W/ASSORTED SIZES OF FIBER ROPE - WIRE ROPE - CHAIN AND RELATED ACCESSORIES. YY1039

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
99999AR	PRE-PACK MULTI-PURPOSE RIGGING KIT		AS REQUIRED	1.0	7	14	13090				
					7	14	13090				

DDEXER4 RUN DATE 860207

DESERT CLIMATE

PRE-PACKAGED MARKING & CAMOUFLAGE KIT W/MARKING & CAMOUFLAGE PAINT AND CAMOUFLAGE NETS-WOODLAND RADAR SCATTERING. YY1049

19

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	MATERIALS COST	CONSTR EFFORT IN MANHOURS HORZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
99999AT	MARKING PAINT & CAMOUF PAINT & NETS		AS REQUIRED	1.0	5	19	21159				
					5	19	21159				

DDEXER4 RUN DATE 860207

DESERT CLIMATE

PRE-PACKAGED MARKING & CAMOUFLAGE KIT W/MARKING & CAMOUFLAGE PAINT AND CAMOUFLAGE NETS-DESERT RADAR SCATTERING. YY1059

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS MI-ST	MATERIALS VOL-MI	MATERIALS COST	CONSTR EFFORT IN MANHOURS MOBZ	CONSTR EFFORT IN MANHOURS VERT	CONSTR EFFORT IN MANHOURS GENL	CONSTR EFFORT IN MANHOURS TOT
99999AV	MARKING PAINT & CAMOUF PAINT & NETS		AS REQUIRED	1.0	4	15	8160				
					4	15	8160				

DDEXER4 RUN DATE 860207

DESERT CLIMATE

PRE-PACKAGED HAND TOOL KIT FOR USE BY INDIGENOUS LABOR. YY1069

FAC NUMBER	FACILITY DESCRIPTION	SIZE OR UNIT	BASIS	QUANTITY REQUIRED	MATERIALS WT-ST	MATERIALS VOL-MT	COST	CONSTR EFFORT IN MANHOURS HORZ	VERT	GENL	TOT
99999AU	PRE-PACK INDIGENOUS LABOR TOOL KIT		AS REQUIRED	1.0			373				
							373				

END REPORT DDEXER4

CHAPTER 10
LISTING OF FACILITIES-TEMPERATE

10-1. Index of Facilities (Temperate)

Description	*Category No.*
Access Apron, Hangar	11340
Administration	61025
Air Conditioning	82610
Aircraft Defueling/Decontamination Apron	11371
Aircraft Loading Apron	11380
Air Washing Apron	11370
Airfield Surfacing	11150
Ammunitions Storage	42183
Approach Trestle (Ports)	86090
Approach Zone (Airfields)	11110
Athletic Court	75013
Barbed Concertina Obstacle	87210
Barracks	72111
Bath House	72332
Boiler Plants	82150
Booster Station, POL	12530
Bridges, Railroad, (Superstructure and Substructure)	86030
Bridges, Road (Superstructure and Substructure)	85120
Buildings, Panelized	93112
Buildings, Pre-engineered Metal	93101
Buildings, Wood	93111
Camouflage	14991
Carpentry Shop	22990
Carrier & Repeater Station	13190
Casualty Receiving (See Hospitals)	51010
Cell Blocks	73015
Cesspools	83190
Chapels	74018
Chlorination	83110
Classroom, Training, Outdoor	17120
Clear Zone (Airfields)	11110
Clearing and Grading	87190
Communications	21430
Compass Swing Base, Heliport	11610
Confinement	73015
Control Tower, Aircraft	13315
Craft Shop	74022
Day Room	74069
Demolition	93310
Dental (See Hospitals)	53020
Dispensary (See Hospitals)	55010
Drainage Structures	85210
Dry Cargo Storage (See Supply)	44110
Education	74025
Electrical Kits	81231
Electric Power Generation and Distribution	81110
Engine House, Railroad	21860
Equipment for Combat Tasks	99999
Erdlator Building	84110

Description	*Category No.*
Exchanges	74040
Fabrication Jigs, Panelized Buildings	22892
Fencing	87210
Field Fortification	14910
Film Exchange	74040
Finance	61027
Firefighting System	84340
Firehouse	14111
Floodlighting	81230
Fueling System, Rear Area (Aircraft)	12110
Generating Plant	81110
General Purpose Buildings	93101
Guardhouse	73015
Guard Tower	87220
Hangars, Aircraft	21110
Hardstands	85110
Headquarters	61050
Heliports	11120
Hospitals	51010
Housing (Also Listed Under Buildings)	72111
Hydrant Refueling System, Air Transportable	12110
Ice Plants	89050
Jetty, POL	16440
Kitchens	72210
Laboratory, POL	31090
Lagoon, Sewage	83120
Landing Ramp	14970
Latrines	72321
Laundries	73030
Library	74041
Lubrication Racks	21411
Magazine	42283
Maintenance	21110
Marine Railway	21320
Marine Terminal, Tactical	12665
Medical (See Hospitals)	51010
Mess Halls (See Kitchens)	72210
Minefields	14990
Motion Picture Laboratory	22890
Operations Building, Airfield	14110
Panelized Wood Building	93112
Parking Pad, Helicopter	11320
PECS (Containerized Kits)	99999
Petroleum, Oil and Lubricants (POL)	12474
Pharmacy (See Hospitals)	51010
Piers	15150
Pipelines	12510
Platform, Unloading	86090
Ports	15250
Portable Buildings	72111
Postal	74059
Pre-engineered Metal Buildings	93101
Pump Station, POL	12530
Quarters	72410

Description	*Category No.*
Railroads	21840
Railway, Marine	21320
Recreational	74069
Refueling Pad	12110
Refrigeration	43190
Relay Station, Communication	13190
Repair Shops (See Maintenance and Shops)	21330
Revetment	14910
Roads, Paved or Graded	85130
Runway (C-130 Aircraft)	11110
Sanitary (See-Latrines and Sewage Treatment)	72321
Security (See Cell Blocks and Fencing)	73015
Septic Tanks	83120
Service Club	74068
Sewage Treatment	83110
Shelter	14931
Signal (See Communications)	13120
Site Preparations (See Clearing and Grading)	87190
Shop, Automotive	21410
Shop Buildings (See Buildings)	21330
Shop, Carpentry	22990
Shop, Craft	74022
Shop, Maintenance, Wood and Steel	22990
Shop, Marine Repair	24330
Shop, Motor Repair	21410
Shop, Ordinance, Artillery & Fire Control	21430
Shop, Railroad Machine	21840
Shop, Railroad Car Repair	21840
Shop, Signal Maintenance	21720
Shop, Vehicle Maintenance	21410
Snack Bar	74062
Special Purpose Apron	11382
Special Services Building	74069
Standard Details	99980
Storage (See Supply)	42183
Storehouse	44110
Submarine Pipeline (See Petroleum, Oil and Lubricants)	12590
Substations	81320
Sump, Fire Protection	84330
Supply	44110
Surgery (See Hospitals)	51010
Tank Car & Truck Loading & Unloading (See POL)	12640
Tanks, POL	12640
Tanker Mooring	12471
Taxiway, On-Off (C-130 Aircraft)	16390
Telephone (See Communications)	11110
Tentage	13180
Tent Frames	72520
Theaters	74067
Transformers	81260
Training Facilities	17220
Utility Building	51010
Ventilation	82610
Walkway	51010

Description	*Category No.*
Wards (See Hospitals)	51010
Warehouse Buildings (See Buildings)	44110
Warm-up Apron	11350
Wash Rack, Vehicle	21410
Water Distribution	84210
Water Supply & Treatment	84210
Water Tank	83120
Wharf (See Ports)	15250
X-Ray (See Hospitals)	53020

10-2. Listing of Facilities (Temperate)

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
11130AA	HELIPORT,C47 SLINGOUT AREA FOR AMMO STORAGE INSTALLATIONS. INCLUDES PARKING PAD AND APPROACH-DEPARTURE ZONE REQUIREMENTS	11	7	6,894	1,195		558	1,753
11130AB	HELIPAD,XCH54]&PARKING PAD,100X100FT W/APPROACH/DEPARTURE ZONES 1500FT.PAVE 1-1/2-IN HOT-MIX. SEE DWG FP1105-1115,SH1	152	120	3,797	18		41	59
11150AA	AIRFIELD SURFACING, M8A1 NON-PIERCED STEEL MAT, 1000 SQ YDS	34	21	8,584	2		67	69
11150AB	AIRFIELD RUNWAY SURFACING, T17 NEOPRENE-COATED NYLON MEMBRANE 1000 SQ YD	3	6	6,275	6		29	35
11150AC	AIRFIELD SURFACING, FIBERGLASS REINFORCED PLASTIC MATTING, 1000 SQ YD	8	4	43,024	6		25	31
11150AD	AIRFIELD SURFACING, XM18 ALUMINUM MAT, 125,000 SQ FT	5	7	493,923	25		225	250
11150AE	AIRFIELD SURFACING, XM19 ALUMINUM MAT, 125,000SQ FT	3	250	727,650	37		375	412
11150AF	RAPID RUNWAY REPAIR USING AM-2 MATTING (3 CRATERS)	319	226	38,477	104	14	166	284
11150AG	BOMB DAMAGE REPAIR TO USAF RUNWAYS,TAXIWAYS,AND APRONS (THREE CRATERS),1260 SQ YDS	424	282	57,965	87	14	106	207
11150AH	BOMB DAMAGE REPAIR OF USAF RUNWAYS,TAXIWAYS,AND APRONS USING REGULATED SET CEMENT 1434 SQ YDS	462	304	9,500	77	28	69	174
12110AE	FORWARD AREA REFUELING EQUIPMENT SYSTEM (FARE) W/TANKAGE 1000 GAL STORAGE CAPACITY	1	3	12,037		28	18	46
12110AF	FORWARD AREA REFUELING EQUIPMENT SYSTEM (FARE) W/TANKAGE 5000 GAL STORAGE CAPACITY		3	13,533		28	28	56
12110AG	FORWARD AREA REFUELING EQUIPMENT SYSTEM (FARE) W/TANKAGE 10000 GAL STORAGE CAPACITY	1	4	14,473		30	41	71
12110AH	SUPPORT AREA REFUELING SYSTEM 30000 GAL STORAGE CAPACITY FOR ROTARY AND FIXED WING AIRCRAFT	8	20	65,526	175	133	368	676

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DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
12110AJ	CONSIST OF 1-50,000 GAL COLLAPSIBLE STORAGE TANK CONNECTING HOSE AND FITTING,CONCERTINA FENCING AND THE NECESSARY SITE WORK.THE STORAGE CAPACITY OF THE SYSTEM CAN BE INCREASED IN INCREMENTS OF 50,000 GAL BY ADDING THE REQUIRED NUMBER OF THIS FACILITY TO THE SYSTEM	5	5	16,865	74	64	147	285
12110AK	REAR AREA FUELING SYSTEM, 300,000 GAL STORAGE CAPACITY,FOR ROTARY AND FIXED WING AIRCRAFT	15	45	156,850	248	189	442	879
12110AL	SUPPORT AREA REFUELING SYSTEM, 30,000 GAL STORAGE CAPACITY, FOR ROTARY AND FIXED WING AIRCRAFT W/FLIGHT LINE MANIFOLD 12 POINTS	7	16	55,264	184	161	405	750
12110AM	REAR AREA FUELING SYSTEM,300,000 GAL STORAGE CAPACITY,FOR ROTARY AND FIXED WING AIRCRAFT W/FLIGHT LINE MANIFOLD,24 POINTS	19	54	194,480	104	541	299	944
12110AN	SUPPORT AREA REFUELING SYSTEM W/STANDARD MILITARY APPURTENANCES,50,000 GAL STORAGE CAPACITY,FOR ROTARY AND FIXED WING AIRCRAFT,W/FLIGHT LINE MANIFOLD,12 POINTS	6	11	17,085	69			69
12471AA	TANKS, COLLAPSIBLE W/EQUIPMENT, POL, 50000 GAL TOTAL CAPACITY FIVE 10000 GAL TANKS W/ONE CENTRIFUGAL PUMP & FITTINGS	7	22	49,987	12	63	17	92
12471AB	TANKS, COLLAPSIBLE W/EQUIPMENT, POL, 100000 GAL TOTAL CAPACITY TEN 10000 GAL TANKS W/ONE CENTRIFUGAL PUMP & FITTINGS	10	32	77,552	29	81	29	139
12471AC	TANKS,COLLAPSIBLE W/EQUIPMENT,POL,40000 GALLON TOTAL CAPACITY - FOUR 10,000 GAL TANKS W/CENTRIFUGAL PUMP,POL MANIFOLD, TWO PORTABLE TRUCK FILL STANDS AND FITTINGS	5	13	22,547	6	58	29	93
12490AA	SEPARATOR FILTER. THIS FACILITY SATISFIES A REQUIREMENT OF MILITARY PLANNERS AND THERE ARE NO DRAWINGS IN TM5-302. DATA SUPPLIED BY DAEN-SG IN DEC 1977.	1	7	3,257	6	23	8	37

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DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
12502AA	PUMP,CENTRIFUGAL,1050 GPM,850FT HD,W/8IN MANIFOLD 1-TWO STAGE PUMP W/FLEXIBLE HOSE,PIPE TRANSITION PIECES,W/VALVES, SKID MOUNTED	9	26	27,348	74	175	55	304
12503AA	SWITCHING MANIFOLD,POL FOR PUMP STATION&TANK FARM,10IN BOTTOM PIPE, 8IN TOP PIPE W/3-WAY BALL VALVES FOR PUMP OR P/L CONNECTION,W/FLEXIBLE HOSE AND PIPE TRANSITION PIECES, SKID MOUNTED	8	31	63,135	74	175	55	304
12504AA	METER,TURBINE,1050 GPM,10IN PIPE,W/FLEXIBLE HOSE AND PIPE TRANSITION PIECES,SKID MOUNTED	8	14	2,551	74	175	55	304
12505AA	FILTER COALESCER,1050 GPM,300PSI W/10IN PIPE,MANIFOLDING& VALVE,W/FLEXIBLE HOSE&PIPE TRANSITION PIECES,SKID MTD	9	32	75,000	74	175	55	304
12506AA	PIPELINE BARREL CLEANER TRAP W/3 6IN GATE & 2 4IN GATE VALVES W/6IN SPOOL PIECES.	4	4	6,995	21	123	52	196
12506AB	PIPELINE BARREL CLEANER TRAP W/3 8IN GATE & 2 4IN GATE VALVES W/8IN SPOOL PIECES.	5	4	6,737	21	123	52	196
12506AC	PIPELINE BARREL CLEANER TRAP W/3 10IN GATE&2 4IN GATE VALVE S W/10IN SPOOL PIECES	7	13	8,851	21	123	52	196
12510AA	SWITCHING MANIFOLD, POL, FOR TANK FARM, 4 IN PIPE & FITTINGS, W/O PUMP	4	4	11,268	12	184	46	242
12510AB	SWITCHING MANIFOLD, POL, FOR TANK FARM, 6 IN PIPE & FITTINGS, W/O PUMP	9	9	15,541	12	173	58	243
12510AC	SWITCHING MANIFOLD, POL, FOR TANK FARM, 8 IN PIPE & FITTINGS, W/O PUMP	16	16	19,680	12	207	69	288
12510AD	SWITCHING MANIFOLD, POL, FOR TANK FARM, 12 IN PIPE & FITTINGS, W/O PUMP	26	23	97,212	35	276	92	403
12510AE	FLOOD PUMP, POL, 785 BPH, W/6 IN MANIFOLD, 2-SINGLE STAGE PUMPS	10	19	21,960	12	247	63	322

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
12510AF	FLOOD PUMP, POL, 1355 BPH, W/8-INCH MANIFOLD, 2-SINGLE STAGE PUMPS.	11	20	20,627	23	322	92	437
12510AG	FLOOD PUMP, POL, 1355 BPH, W/12-INCH MANIFOLD, 2 SINGLE STAGE PUMPS,	14	21	30,497	23	414	115	552
12510AH	TANK PUMP, POL, 700 BPH, W/6 IN MANIFOLD, 1-SINGLE STAGE PUMP	4	8	7,742	6	40	12	58
12510AJ	TANK PUMP, POL, 1400 BPH, W/8 IN MANIFOLD, 1-SINGLE STAGE PUMP	4	9	7,937	6	40	12	58
12510AK	TANK PUMP, POL, 2800 BPH, W/12 IN MANIFOLD, 1-TWO STAGE PUMP	7	14	16,254	6	46	17	69
12510AL	DISTRIBUTION MANIFOLD, POL, 785 BPH, 6 IN PIPE, FOR DRUM & CAN LOADING INSTALLATION	1	1	1,792	6	52	12	70
12510AM	DISTRIBUTION MANIFOLD, POL, 8-INCH PIPE FOR 10 STATION TANK CAR LOADING INSTALLATION.	2	2	2,664	6	52	12	70
12510AN	TRANSFER PUMP, POL, 700 BPH, W/6 IN MANIFOLD, 1-SINGLE STAGE PUMP	11	15	18,715	35	265	58	358
12510AP	TRANSFER PUMP, POL, 1400 BPH, W/8 IN MANIFOLD, 1-SINGLE STAGE PUMP	12	16	16,109	40	282	58	380
12510AR	TRANSFER PUMP, POL, 2800 BPH, W/12 IN MANIFOLD, 1-TWO STAG E PUMP	18	21	78,664	52	397	81	530
12510AT	PIPELINE, POL, 1000 FT OF 4 IN GROOVED LT WT TUBING, W/COUPLINGS, W/O VALVES	3	5	2,498	12	85	41	138
12510AU	PIPELINE, POL, 1000FT OF 6 IN GROOVED LT WT TUBING, W/COUPLINGS, W/O VALVES	6	11	5,196	12	86	52	150
12510AV	PIPELINE, POL, 1000 FT OF 8 IN GROOVED LT WT TUBING, W/COUPLINGS, W/O VALVES	6	15	9,258	12	127	69	208

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FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
12510AW	PIPELINE, POL, 1000 FT OF 12 IN GROOVED LT WT TUBING, W/COUPLINGS, W/O VALVES	9	32	4,440	17	224	81	322
12510AY	PIPELINE, POL, 1 MILE OF 4 IN GROOVED LT WT TUBING, W/COUPLINGS, W/2 GATE & 1 CHECK VALVE	13	23	11,886	23	230	184	437
12510BA	PIPELINE, POL, 1 MILE OF 6 IN GROOVED LT WT TUBING, W/COUPLINGS, W/2 GATE & 1 CHECK VALVE	30	50	32,208	35	368	253	656
12510BB	PIPELINE, POL, 1 MILE OF 8 IN GROOVED LT WT TUBING, W/COUPLINGS, W/2 GATE & 1 CHECK VALVE	36	87	37,797	46	518	368	932
12510BC	PIPELINE, POL, 1 MILE OF 12 IN GROOVED LT WT TUBING, W/COUPLINGS, W/2 GATE & 2 CHECK VALVE	45	177	23,979	46	1,093	483	1,622
12510BD	PIPELINE, POL, 5 MILES OF 4 IN GROOVED LT WT TUBING, W/COUPLINGS 500 FT API BEVELED PIPE, 5 GATE & 1 CHECK VALV E	61	110	61,704	58	1,265	828	2,151
12510BE	PIPELINE, POL, 5 MILES OF 6 IN GROOVED LT WT TUBING, W/COUPLINGS 500 FT API BEVELED PIPE, 5 GATE & 1 CHECK VALV E	147	239	158,942	58	1,668	1,265	2,991
12510BF	PIPELINE, POL, 5 MILES OF 8 IN GROOVED LT WT TUBING, W/COUPLINGS 500 FT API BEVELED PIPE, 5 GATE & 1 CHECK VALV E	182	432	198,342	58	1,783	1,219	3,060
12510BG	PIPELINE, POL, 5-MILES OF 12-INCH GROOVED LT WT TUBING W/COUPLINGS, 500 FT API BEV PIPE, 5 GATE & 1-CHECK VALVE.	225	893	205,741	69	2,530	1,645	4,244
12510BH	PIPELINE, POL, 1000 FT OF 4 IN GROOVED API PIPE, W/COUPLINGS, W/O VALVES	7	5	5,986	6	104	63	173
12510BJ	PIPELINE, POL, 1000 FT OF 6-INCH GROOVED API PIPE, W/COUPLINGS, W/O VALVES.	11	13	7,263	6	132	81	219
12510BK	PIPELINE, POL, 1000 FT OF 8 IN GROOVED API PIPE, W/COUPLINGS, W/O VALVES	13	16	3,500	12	230	161	403
12510BL	PIPELINE, POL, 1000 FT OF 12 IN GROOVED API PIPE, W/COUPLINGS, W/O VALVES	4	4	11,115	12	265	184	461

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
12510BM	PIPELINE, POL, 1 MILE OF 4 IN GROOVED API PIPE, W/COUPLINGS, W/2 GATE & 1 CHECK VALVE	34	23	32,158	35	485	322	840
12510BN	PIPELINE, POL, 1-MILE OF 6-INCH GROOVED API PIPE, W/COUPLINGS, W/2 GATE VALVES & 1 CHECK VALVE.	59	63	44,600	46	598	334	978
12510BP	PIPELINE, POL, 1 MILE OF 8 IN GROOVED API PIPE, W/COUPLINGS, W/2 GATE & 1 CHECK VALVE	71	81	19,207	92	851	403	1,346
12510BR	PIPELINE, POL, 1 MILE OF 12 IN GROOVED API PIPE, W/COUPLINGS, W/2 GATE & 1 CHECK VALVE	15	15	62,125	138	1,231	575	1,944
12510BT	PIPELINE, POL, 1000 FT OF 4-INCH API PIPE, BEVELED ENDS FO R WELDING W/150 LBS OF WELDING ROD.	5	4	16,748	23	219	81	323
12510BU	PIPELINE, POL, 1000 FT OF 6-INCH API PIPE, BEVELED ENDS FO R WELDING W/150 LBS OF WELDING ROD.	11	10	10,144	29	328	92	449
12510BV	PIPELINE, POL, 1000 FT OF 8-INCH API PIPE, BEVELED ENDS FO R WELDING W/150 LBS OF WELDING ROD.	16	16	23,774	40	345	98	483
12510BW	PIPELINE, POL, 1000 FT OF 12-INCH API PIPE, BEVELED ENDS FOR WELDING W/200 LBS OF WELDING ROD.	23	30	188,573	92	391	127	610
12510BY	PIPELINE,1000FT 10IN GROOVED STEEL TUBING, W/COUPLINGS, W/O VALVES	10	35	9,739	15	178	75	268
12510CA	PIPELINE,1MILE,10IN GROOVED STEEL TUBING,W/COUPLINGS, W/2 GATE&1 CHK VALVE	51	193	52,569	46	230	426	702
12510CB	PIPELINE,5MILES,10IN GROOVED STEEL TUBING W/COUPLINGS,500FT API BEVELED PIPE,5 GATE&1 CHK	264	997	268,669	63	2,185	1,432	3,680
12510CC	PIPELINE,1000FT,10IN GROOVED STEEL API PIPE, W/COUPLINGS, W/2 GATE&1 CHK	18	31	5,752	12	247	173	432
12510CD	PIPELINE,1MILE,10IN GROOVED STEEL API PIPE, W/COUPLINGS W/O VALVES	98	175	30,232	115	1,041	489	1,645

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FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
12510CE	PIPELINE,1000 FEET OF 10 INCH API PIPE WITH BEVELED ENDS FOR WELDING WITH 200 LBS OF WELDING RODS.	20	19	11,883	66	368	113	547
12510CF	PIPELINE,1000FT,10IN GROOVED ALUMINUM SCH 40,W/COUPLING W/O VALVES	10	23	21,160	12	247	173	432
12510CG	PIPELINE,1 MILE OF 10 INCH ALLUMINUM PIPE.GROOVED PIPE AND CLAMPS WITH VALVES.	49	124	119,241	115	1,041	489	1,645
12510CH	PIPELINE,5MILES,10IN GROOVED ALUMINUM SCH 40,W/COUPLINGS W/5 GATE&1 CHK VALVE	241	615	593,182	58	1,265	1,610	2,933
12510CJ	PIPELINE,5MILES,10IN ZAPLOC ALUM SCH 40 W/JOINING PRESS, GROOVER,MANDRELS,POWER UNIT,ADHESIVE,W/5GATE&1 CHK VALVE	199	526	521,116	63	2,415	1,610	4,088
12510CK	PIPELINE,POL,5 MILES,10IN ZAPLOC STEEL TUBING W/JOINING PRESS,GROOVER,MANDRELS,POWER UNIT,ADHESIVE,W/5 GATE&1 CHK VALVE	549	526	251,836	69	2,530	1,645	4,244
12510CL	PIPELINE,POL,5 MILES,10IN ZAPLOC STEEL SCH 20 PIPE W/JOININ G PRESS,GROOVER,MANDRELS,POWER UNIT,ADHESIVE,W/5 GATE&1 CHK VALVE	38	37	21,905	75	2,645	1,725	4,445
12510CT	PIPELINE,10IN STEEL WELDED RIVER BED CROSSING W/ALTERNATE BY-PASS PIPELINE FOR 750FT CROSSING	120	109	74,633	1,599	1,852	1,380	4,831
12510CU	PIPELINE,10IN STEEL WELDED,RIVER BED CROSSING W/ALTERNATE BY-PASS PIPELINE FOR 1000FT CROSSING	156	143	96,409	2,062	2,391	1,610	6,063
12510CV	PIPELINE,10IN STEEL WELDED RIVER BED CROSSING W/ALTERNATE BY-PASS PIPELINE FOR 1250FT CROSSING	192	176	118,188	2,432	2,844	1,840	7,116
12510CW	PIPELINE,10IN STEEL WELDED RIVER BED CROSSING W/ALTERNATE BY-PASS PIPELINE FOR 1500FT CROSSING	232	210	142,727	2,634	3,145	2,070	7,849
12520AA	BOMB DAMAGE REPAIR OF POL PIPELINE,8 IN,200 FT	2	4	1,601	23	55	55	133

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DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
12520AB	BOMB DAMAGE REPAIR OF POL PIPELINE,6 IN,200 FT	1	2	1,213	21	43	35	99
12520AC	BOMB DAMAGE REPAIR OF POL PIPELINE,4 IN,200 FT	1	1	581	20	43	35	98
12530AA	SUPPLEMENTARY FITTINGS AND VALVES FOR REVERSING PUMPING FROM COLLAPSIBLE STORAGE TANK FARM (100,000, 50,000 OR 40,000 GAL)	1	1	3,003		184	29	213
12530AB	REVERSING MANIFOLD FOR BOOSTER PUMP STATION, POL, FOR LOADING, SHORE TO SHIP, 6 INCH PIPELINE	4	5	3,903		167	29	196
12530AC	REVERSING MANIFOLD FOR BOOSTER PUMP STATION, POL, FOR LOADING, SHORE TO SHIP, 8-INCH PIPELINE MANIFOLD, TWO PORTABLE TRUCK FILL STANDS AND FITTINGS	13	28	48,614	12	219	35	266
12530AD	REVERSING MANIFOLD FOR BOOSTER PUMP STATION, POL, FOR LOADING, SHORE TO SHIP, 12-INCH PIPELINE.	5	4	8,824	23	334	46	403
12530AE	BOOSTER STATION, POL, 1400 BPH, W/2-TWO STAGE PUMPS, MANIFOLD FOR STAGES IN SERIES, PUMPS IN SERIES	13	28	27,151	46	109	40	195
12530AF	BOOSTER STATION, POL, 2800 BPH, W/2-TWO STAGE PUMPS, MANIFOLD FOR STAGES IN PARALLEL, PUMPS IN SERIES	14	29	27,070	46	109	40	195
12530AG	BOOSTER STATION, POL, 7000 BPH, W/4-TWO STAGE PUMPS, MANIFOLD FOR STAGES IN PARALLEL, PUMPS IN PARALLEL	27	56	54,109	46	322	92	460
12530AH	LOADING PUMP & MANIFOLD, POL, 700 TO 1400 BPH, 6 IN PIPE, FOR 2 TANK TRUCK, 5 TANK CAR OR DRUM & CAN LOADING INSTALLATIONS, W/1 SINGLE STAGE PUMP	8	25	18,443	12	98	29	139
12530AJ	LOADING PUMP & MANIFOLD, POL, 2000 TO 2500 BPH, 8IN PIPE INCOMING, 6IN PIPE OUTGOING, FOR 10 TANK CAR INSTALLATION, W/1 TWO STAGE PUMP	14	41	27,990	17	127	52	196
12530AK	PUMP STATION FUEL SUPPLY, POL, FOR ALL 2 PUMP FACILITIES, W/O TANK OR PUMP	1	1	1,368	6	40	23	69

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
12530AL	PUMP STATION FUEL SUPPLY, POL, FOR ALL 4 PUMP FACILITIES, W/O TANK OR PUMP	1	1	1,246	9	60	23	92
12530AM	PUMP STATION, POL, FOR 4-INCH PIPELINE, 2 PUMPS W/MANIFOLDING VALVES AND SANDTRAP.	5	86	80,584	40	115	40	195
12530AN	PUMP STATION, POL, FOR 6 IN PIPELINE, 4-PUMPS W/MANIFOLDING, VALVES, SANDTRAP, & PIPECLEANER STATIONS	9	171	155,992	40	247	104	391
12530AP	PUMP STATION, POL, FOR 8 IN PIPELINE, 4-PUMPS W/MANIFOLDING, VALVES, SANDTRAP, & PIPECLEANER STATIONS	32	63	62,452	46	276	127	449
12530AR	PUMP STATION, POL, FOR 6 INCH COUPLED PIPELINE, ONE DIESEL ENGINE DRIVEN PUMP RATED AT 857 BHP AT 1630 FEET TOTAL HEAD W/MANIFOLDING, VALVES, STRAINERS, AND PIPE CLEANER STATIONS	9	48	41,366	209	1,012	368	1,589
12530AT	PUMP STATION, POL, FOR 6 INCH COUPLED PIPELINE, TWO DIESEL ENGINE DRIVEN PUMPS EACH RATED AT 857 BHP AT 1630 FEET HEAD W/MANIFOLDING, VALVES, STRAINERS, AND PIPE CLEANER STATIONS	14	92	76,277	235	1,198	442	1,875
12530AU	METAL CLADDING&INTERIOR LINER FOR 40X60X12FT STEEL FRAME BLDG HOUSING TWO DED PUMPS RATED AT 785BPH W/HEATING	15	49	11,932	46	414	184	644
12530AV	4IN COLLAPSIBLE ASSULT HOSELINE SYSTEM,2.5 MILES W/GED PORT ABLE PUMP,320BPH AT 250FT HD,COMPLETE W/EVAC.AND DISP.FLOW CONTROL PACKAGE& RPR KITS,ANCILLRY FTGS&VALVES	5	26	42,918	14	48		62
12585AA	POL OPERATIONS-LABORATORY FACILITY 1536 SQ FT WOOD FRAME BUILDING 48 FT X 32 FT ONE STORY CONCRETE FLOOR 13 FT 9 IN HIGH WOOD AND FELT CLADDING AND WOOD AND FELT ROOF WITH INTERIOR TEMPERATE AND DESERT CLIMATE	115	143	25,278	112	1,418	278	1,808
12585AB	INTERIOR FOR POL OPERATIONS-LABORATORY FACILITY 1536 SQ FT WOOD FRAME BUILDING TEMPERATE AND DESERT CLIMATE	12	28	14,592		168	198	366
12585AG	POL OPERATIONS-LABORATORY FACILITY 1600 SQ FT PRE-ENGINEERED METAL BUILDING 40 FT X 40 FT ONE STORY CONCRETE FLOOR CORRUGATED STEEL CLADDING AND ROOF WITH INTERIOR TEMPERATE AND DESERT CLIMATE	76	252	30,611	175	1,327	776	2,278

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
12585AH	INTERIOR FOR POL OPERATIONS-LABORATORY FACILITY 1600 SQ FT PRE-ENGINEERED METAL BUILDING TEMPERATE AND DESERT CLIMATE	12	26	14,282		152	83	235
12585AP	POL OPERATIONS-LABORATORY FACILITY 1440 SQ FT PANELIZED WOOD BUILDING 36 FT X 40 FT ONE STORY CONCRETE FLOOR 12 FT HIGH WOOD PANEL CLADDING AND WOOD PANEL ROOF WITH INTERIOR DESERT AND TROPIC CLIMATE	201	714	65,028	78	520	201	799
12590AA	TACTICAL FIBERGLASS SUBMARINE PIPELINE,8"DIA,80'DEPTH,1MI.	131	425	261,774	1,011	2,254	1,150	4,415
12590AB	TACTICAL FIBERGLASS SUBMARINE PIPELINE,8"D.,120'DEPTH,1MI.	127	402	241,787	1,011	2,263	1,150	4,424
12590AC	PIPELINE, SUBMARINE, POL, 25 FEET DEPTH, 6-INCH, 1000 FT MAXIMUM (ADJUST TO SITE REQUIREMENTS) LENGTH, APT PIPE, CONC. WEIGHTS, 75 FOOT HEAVY HOSE, AND BUOY FOR UNLOADING SMALL VESSELS(11,500 BBLS) AND BARGES (4160 BBLS) IN SHALLOW DEPTH WATER.	27	35	32,473	1,012	1,093	138	2,243
12590AD	PIPELINE, SUBMARINE, POL, 60-FT DEPTH, 6-INCH 2750 FT (ADJUST TO SITE REQUIREMENTS) LENGTH, API PIPE, CONC WGTS, 150 FT HVY HOSE AND 2 BUOYS.	56	58	49,611	1,553	2,300	207	4,060
12590AE	PIPELINE, SUBMARINE, POL, 90-FT DEPTH, 6-INCH 2750 FT (ADJUST TO SITE REQUIREMENTS) LENGTH, API PIPE, CONC WGTS, 225 FT HVY HOSE AND 2 BUOYS.	58	61	53,849	1,553	2,300	207	4,060
12590AF	PIPELINE, SUBMARINE, POL, 120 FT DEPTH, 6-INCH (ADJUST TO SITE REQUIREMENTS) LENGTH, API PIPE, CONC WGTS, 300 FT HVY HOSE AND TWO BOUYS.2750FT.OF PIPE PROVIDED.	59	63	58,096	1,553	2,300	207	4,060
12590AG	PIPELINE, SUBMARINE, POL, 60 FT DEPTH, 8-INCH, 2750 FT (ADJUST TO SITE CONDITIONS) LGTH, API PIPE, HEAVY WALL, CONC WGTS, 150 FT HVY HOSE AND 2 BUOYS.	55	62	29,480	1,587	2,369	207	4,163
12590AH	PIPELINE, SUBMARINE, POL, 90-FT DEPTH, 8-INCH 2750 FT (ADJUST TO SITE CONDITIONS) LGTH, API PIPE, HEAVY WALL, CONC WGTS, 225 FT HVY HOSE AND 2 BUOYS.	57	67	33,863	1,587	2,369	207	4,163

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
12590AJ	PIPELINE, SUBMARINE, POL, 120-FT DEPTH, 8-INCH, 2750 FT (ADJUST TO SITE CONDITIONS) LGTH, API PIPE, HEAVY WALL, CONC WGTS, 300 FT HVY HOSE AND 2 BUOYS.	59	72	38,416	1,587	2,369	207	4,163
12590AK	PIPELINE, SUBMARINE, POL, 60-FT DEPTH, 12-INCH, 2750 FT (ADJUST TO SITE CONDITIONS) LGTH, API PIPE, CONC WGTS, 150 FT HVY HOSE AND 2 BUOYS.	123	142	548,654	2,070	2,507	230	4,807
12590AL	PIPELINE, SUBMARINE, POL, 90-FT DEPTH, 12-INCH, 2750 FT (ADJUST TO SITE CONDITIONS) LGTH, API PIPE, CONC WGTS, 225 FT HVY HOSE AND 2 BUOYS.	126	148	553,092	2,070	2,507	230	4,807
12590AM	PIPELINE, SUBMARINE, POL, 120 FT DEPTH, 12-INCH, 2750 FT (ADJUST TO SITE CONDITIONS) LGTH, API PIPE CONC WGTS 300 F T HVY HOSE AND 2 BUOYS.	128	153	557,530	2,070	2,507	230	4,807
12590AN	PIPELINE, SUBMARINE, POL, 60-FT DEPTH, 8-IN, 5300 FT. LENGTH, API PIPE, HEAVY WALL, 200 FT HVY HOSE AND 2 BUOYS.	98	91	104,114	1,955	2,185	920	5,060
12590AP	PIPELINE, SUBMARINE, POL, 90-FT DEPTH, 8-IN, 5300 FT. LGTH, API PIPE, HEAVY WALL, 275 FT. HVY HOSE AND 2 BUOYS.	100	96	109,162	2,185	2,530	1,035	5,750
12590AR	PIPELINE, SUBMARINE, POL, 120-FT. DEPTH, 8-IN, 5300 FT. LGTH, API PIPE, HEAVY WALL, 350 FT. HVY HOSE AND 2 BUOYS.	102	101	113,389	2,645	2,990	1,035	6,670
12590AT	PIPELINE, SUBMARINE, POL, 60-FT DEPTH, 12-IN, 5300 FT LGTH , CONCRETE COATED API PIPE, 200 FT HVY HOSE AND 2 BUOYS.	275	322	96,144	2,070	2,565	943	5,578
12590AU	PIPELINE, SUBMARINE, POL, 90-FT DEPTH, 12-IN, 5300 FT LGTH , CONCRETE COATED API PIPE, 275 FT HVY HOSE AND 2 BUOYS.	278	327	101,106	2,300	2,990	978	6,268
12590AV	PIPELINE, SUBMARINE, POL, 120-FT DEPTH, 12-IN, 5300 FT LGT H CONCRETE COATED API PIPE, 350 FT HVY HOSE AND 2 BUOYS.	280	333	105,244	2,818	3,335	1,035	7,188
12590AW	PIPELINE, SUBMARINE, POL, 60-FT DEPTH, 16-IN. 5300 FT LGTH , CONCRETE COATED API PIPE, 200 FT HVY HOSE AND 2 BUOYS.	433	469	99,236	2,875	3,335	1,380	7,590

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FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
12590AY	PIPELINE, SUBMARINE, POL, 90-FT DEPTH, 16-IN, 5300 FT LGTH, CONCRETE COATED API PIPE, 275 FT HVY HOSE AND 2 BUOYS.	436	474	104,198	3,163	3,623	1,495	8,281
12590BA	PIPELINE, SUBMARINE, POL, 120-FT DEPTH, 16-IN, 5300 FT LGTH, CONCRETE COATED API PIPE, 350 FT HVY HOSE AND 2 BUOYS	439	480	108,581	3,565	4,025	1,610	9,200
12590BB	PIPELINE, SUBMARINE, POL, 60-FT DEPTH, 20-IN, 5300 FT LGTH, CONCRETE COATED API PIPE, 200 FT HVY HOSE AND 2 BUOYS.	549	643	97,020	3,335	3,824	1,840	8,999
12590BC	PIPELINE, SUBMARINE, POL, 90-FT DEPTH, 20-IN, 5300 FT LGTH, CONCRETE COATED API PIPE, 275 FT HVY HOSE AND 2 BUOYS.	552	649	101,982	3,565	4,169	1,955	9,689
12590BD	PIPELINE, SUBMARINE, POL, 120-FT DEPTH, 20-IN, 5300 FT LGTH, CONCRETE COATED API PIPE, 350 FT HVY HOSE AND 2 BUOYS	555	654	106,121	3,939	4,600	2,070	10,609
12590CA	PIPELINE SUBMARINE POL 60FT.DEPTH 10IN.5300FT.LENGTH,API PIPE,HEAVY WALL,200FT HVY-HOSE AND 2 BOUYS.	106	111	139,375	1,955	2,185	920	5,060
12590CB	PIPELINE SUBMARINE POL 90FT DEPTH 10IN.5300FT LENGTH,API PIPE HEAVY WALL 275FT HVY-HOSE AND 2 BOUYS.	108	117	143,482	2,185	2,530	1,035	5,750
12590CC	PIPELINE SUBMARINE POL 120FT DEPTH 10IN 5300FT.LENGTH API PIPE,HEAVY WALL 350FT HVY-HOSE AND 2 BOUYS.	110	123	149,145	2,645	2,990	1,035	6,670
12591AA	POL PRESSURE REDUCING STATION FOR 4IN,6IN,OR 8 INCH MAIN TRUNCKLINE, 25 TO 800 POUNDS PRESSURE REDUCING RANGE, CONSISTING OF GATE VALVES, PLUG VALVES AND REDUCING BY-PASS LINE VALVES, GROOVED WITH ADAPTERS, COUPLINGS, GASKETS AND NIPPLES	3	5	5,804		40	6	46
12592AA	PIPELINE 8IN WELDED RIVER BED CROSSING W/ALTERNATE BY-PASS PIPELINE FOR 750FT CROSSING	111	88	35,644	1,279	1,481	1,104	3,864
12592AB	PIPELINE 8IN WELDED RIVER BED CROSSING W/ALTERNATE BY-PASS PIPELINE FOR 1000FT CROSSING	144	114	45,388	1,649	1,912	1,288	4,849
12592AC	PIPELINE 8IN WELDED RIVER BED CROSSING W/ALTERNATE BY-PASS PIPELINE FOR 1250FT CROSSING	177	141	55,119	1,946	2,275	1,472	5,693

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
12592AD	PIPELINE 8IN WELDED RIVER BED CROSSING W/ALTERNATE BY-PASS PIPELINE FOR 1500FT CROSSING	211	168	64,818	2,107	2,516	1,656	6,279
12592AE	POL PIPELINE SUSPENSION F/8"OR SMALLER LINE,100FT. SPAN.	2	3	1,822	13	22	32	67
12592AF	POL PIPELINE SUSPENSION F/8"OR SMALLER LINE,200FT. SPAN.	4	4	3,408	18	36	41	90
12592AG	POL PIPELINE SUSPENSION F/8"OR SMALLER LINE,400FT. SPAN.	8	7	7,328	14	56	62	132
12630AA	TANK TRUCK LOADING POL FOR LOADING 2-TANK TRUCKS SIMULTANEOUSLY AT 357 BPH EACH W/4-INCH RISER PIPE & SWING ARM CONNECTED TO 6IN HEADER PIPE	12	12	13,862	173	374	1,213	1,760
12640AA	TANK CAR LOADING, POL, FOR LOADING 5-TANK CARS SIMULTANEOUSLY, AT 357 BPH EACH, W/4-INCH HEADER PIPE.	35	61	53,557	598	1,840	4,025	6,463
12640AB	TANK CAR LOADING, POL, FOR LOADING 10 TANK CARS SIMULTANEOUSLY, AT 357 BPH EACH, W/4IN RISER PIPE & SWING ARM, CONNECTED TO 6IN HEADER PIPE	74	75	71,174	782	2,392	5,244	8,418
12645AA	FUEL TRANSFER, POL, TANK CAR UNLOADING, 2 PRODUCTS, 5 STATIONS, PIPE, PUMPS, FILTER-SEPARATOR, VALVES AND ACCESSORIES.	45	67	79,691	63	426	161	650
12655AA	BARGE (4160 BBLS) OR SMALL VESSEL (11,500BBLS) MOORING IN SHALLOW DEPTH WATER (25FT), POL, ANCHORS, CHAINS, & 4 MOORING AND MARKING BUOYS.	32	69	73,797	276	345	207	828
12665AA	MONO MOORING, 4 LEGS, 60 FOOT DEPTH				886	1,530	748	3,164
12665AB	MONO MOORING, 4 LEGS, 80 FOOT DEPTH				920	1,576	771	3,267
12665AC	MONO MOORING, 4 LEGS, 100 FOOT DEPTH				1,001	1,725	828	3,554
12665AD	MONO MOORING, 4 LEGS, 120 FOOT DEPTH				1,047	1,817	874	3,738
12665AE	MONO MOORING, 6 LEGS, 60 FOOT DEPTH				989	1,760	817	3,566

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
12665AF	MONO MOORING, 6 LEGS, 80 FOOT DEPTH				1,024	1,829	863	3,716
12665AG	MONO MOORING, 6 LEGS, 100 FOOT DEPTH				1,116	2,024	943	4,083
12665AH	MONO MOORING, 6 LEGS, 120 FOOT DEPTH				1,162	2,116	978	4,256
12665AJ	MONO MOORING, 8 LEGS, 60 FOOT DEPTH				1,081	2,001	897	3,979
12665AK	MONO MOORING, 8 LEGS, 80 FOOT DEPTH				1,127	2,082	943	4,152
12665AL	MONO MOORING, 8 LEGS, 100 FOOT DEPTH				1,219	2,300	1,012	4,531
12665AM	MONO MOORING, 8 LEGS, 120 FOOT DEPTH				1,277	2,392	1,058	4,727
12665AN	MARINE TERMINAL, TACTICAL,50000 BARREL STORAGE CAPACITY 60 0 GPM RECEIVE AND TRANSFER CAPACITY	6	250	575,092	2,645	4,255	1,794	8,694
12665AP	PIPE, POL, 4-INCH, FOR T-1 TANKER DISCHARGE AT DOCK, 250 BPH, 1000 FT API PIPE, VALVES, TANKER HOSE, AND 1-50 GPM PUMP.	6	6	28,286		403	115	518
12665AR	PIPE, POL, 6-INCH, FOR T-1 TANKER DISCHARGE AT DOCK, 680 BPH, 1000 FT API PIPE, VALVES, TANKER HOSE, AND 1-50 GPM PUMP.	14	13	22,472		506	115	621
12665AT	PIPE, POL, 8-INCH, FOR T-2 TANKER DISCHARGE AT DOCK, 980 BPH, 1000 FT API PIPE, VALVES, TANKER HOSE, AND 1-50 GPM PUMP.	20	24	37,367		598	138	736
12665AU	PIPE, POL, 12-INCH FOR T-2 OR SUPERTANKER-DISCHARGE AT DOCK, 980-2800 BPH, 1000 FTAPI PIPE, VALVES, TANKER HOSE AND 1-50 GPM PUMP.	32	49	221,603		759	184	943
12665AV	PIPE, POL, 16-INCH, FOR SUPERTANKER DISCHARGE AT DOCK, 2800 BPH, 1000 FT API PIPE, VALVES, TANKER HOSE AND 1-50 GPM PUMP.	18	28	36,985		1,208	288	1,496

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12665AW	PIPE POL 10IN FOR T-2 TANKER DISCHARGE AT DOCK 980 BPH 1000 FEET. API PIPE, VALVES, TANKER HOSE AND 1-50 GPM PUMP.	23	28	21,545		598	138	736
12665BA	PIPE POL 10IN FOR T-2 TANKER DISCHARGE AT DOCK 980 BPH 1000 FT.API PIPE,VALVES,TANKER HOSE AND 1-50 GPM PUMP.	2	1	4,038		598	138	736
12690AC	DRUM FILLING, BLDG, POL, 40X100, STEEL FRAME BLDG W/METAL CLADDING, INTERIOR & VENTILATION FOR DESERT ZONE	100	82	54,881	212	4,091	725	5,028
13120AG	SIGINT INSTALLATION OPS/COMMAND BLDG W/INTERIOR 80X100 DESERT CLIMATE W/TWO EXTERIOR DOUBLE DOORS AND NO WINDOWS	47,090	554,118	23,822,249	547	7,590	1,313	9,450
13120AH	SIGINT INSTALLATION OPS/COMPUTER BLDG W/INTERIOR 80X100 DESERT CLIMATE W/TWO EXTERIOR DOUBLE DOORS AND NO WINDOWS	47,092	554,115	23,831,869	547	7,590	1,313	9,450
13120AJ	SIGINT INSTALLATION OPERATIONS BLDG W/INTERIOR 80X100 DESERT CLIMATE W/ THREE EXTERIOR DOUBLE DOORS AND NO WINDOWS	47,084	554,107	23,824,757	547	7,590	1,359	9,496
13120AK	SIGINT INSTALLATION SUPPLY/ELEC MAINT BLDG W/INTERIOR 80X100 DESERT CLIMATE W/FIVE EXTERIOR DOUBLE DOORS AND NO WINDOWS	47,086	554,109	23,822,550	547	7,590	1,359	9,496
13120AL	SIGINT STATION OPS/COMMUNICATIONS BLDG W/INTERIOR 80X100 DESERT CLIMATE W/THREE EXTERIOR DOUBLE DOORS AND NO WINDOWS	47,120	554,147	23,858,123	547	7,590	1,359	9,496
13120AM	SIGINT STATION OPS/ELEC MAINT BLDG W/INTERIOR 80X100 DESERT CLIMATE W/ THREE EXTERIOR DOUBLE DOORS AND NO WINDOWS	59,187	554,127	80,605,203	547	7,590	1,359	9,496

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13120CE	INTERIOR FOR SIGINT INSTALLATION OPS/COMMAND BLDG.80X100FT BUILDING	47,016	553,988	23,750,637		2,070	644	2,714
13120CF	INTERIOR FOR SIGINT INSTALLATION OPS COMPUTER BUILDING 80X100FT.	47,018	553,985	23,760,457		2,070	644	2,714
13120CG	INTERIOR FOR SIGINT INSTALLATION OPERATIONS BUILDING 80X100FEET	47,010	553,977	23,753,345		2,070	690	2,760
13120CH	INTERIOR FOR SIGINT INSTALLATION SUPPLY ELECTRONIC MAINT. BUILDING 80X100FEET	47,012	553,979	23,751,138		2,070	690	2,760
13120CJ	INTERIOR FOR SIGINT STATION OPS/COMMUNICATION FACILITY 80X 100FT BLDG	47,014	553,993	23,785,007		2,070	690	2,760
13120CK	INTERIOR FOR SIGINT STATION IPS/ELECTRONIC MAINTENANCE BUILDING 80X100 FEET.	59,081	553,973	80,532,087		2,070	690	2,760
13610AA	BOMB DAMAGE REPAIR TO AIRFIELD RUNWAY LIGHTING.8000 LIN FT OF RUNWAY-TAXIWAY LIGHTING.IF NECESSARY,THE SYSTEM WILL REQUIRE TWO 30KW AC GENERATORS (NSN 6115-00-118-1240)	22	71	83,200		97	69	166
14110AA	AIRFIELD OPERATIONS FACILITY 600 SQ FT WOOD FRAME BUILDING 20 FT X 30 FT ONE STORY CONCRETE FLOOR 8 FT HIGH WOOD CLADDING WOOD AND FELT ROOF WITH INTERIOR TEMPERATE AND DESERT CLIMATE	16	22	4,833	25	610	133	768
14110AB	INTERIOR FOR AIRFIELD OPERATIONS FACILITY 600 SQ FT WOOD FRAME BUILDING TEMPERATE , FRIGID AND DESERT CLIMATE	2	6	2,422		436	83	519
14110AC	AIRFIELD OPERATIONS FACILITY 600 SQ FT PRE-ENGINEERED METAL BUILDING 20 FT X 30 FT ONE STORY CONCRETE FLOOR CORRUGATED STEEL CLADDING AND ROOF WITH INTERIOR TEMPERATE , FRIGID AND DESERT CLIMATE	6	16	8,816	37	896	298	1,231
14110AD	INTERIOR FOR AIRFIELD OPERATIONS FACILITY 600 SQ FT PRE-ENGINEERED METAL BUILDING TEMPERATE , FRIGID AND DESERT CLIMATE	3	8	2,950		454	92	546

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FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
14110AE	AIRFIELD OPERATIONS FACILITY 2100 SQ FT WOOD FRAME BUILDING 30 FT X 70 FT ONE STORY CONCRETE FLOOR 8 FT HIGH WOOD CLADDING WOOD AND FELT ROOF WITH INTERIOR TEMPERATE AND DESERT CLIMATE	53	68	13,356	76	2,805	499	3,380
14110AF	INTERIOR FOR AIRFIELD OPERATIONS FACILITY 2100 SQ FT WOOD FRAME BUILDING TEMPERATE , FRIGID AND DESERT CLIMATE	8	18	6,650		1,216	236	1,452
14110AG	AIRFIELD OPERATIONS FACILITY 2100 SQ FT PRE-ENGINEERED METAL BUILDING 30 FT X 70 FT ONE STORY CONCRETE FLOOR CORRUGATED STEEL CLADDING AND ROOF WITH INTERIOR TEMPERATE , FRIGID AND DESERT CLIMATE	24	50	31,656	144	2,768	1,025	3,937
14110AH	INTERIOR FOR AIRFIELD OPERATIONS FACILITY 2100 SQ FT PRE-ENGINEERED METAL BUILDING TEMPERATE , FRIGID AND DESERT CLIMATE	10	22	8,024		1,267	260	1,527
14110BA	AIRFIELD OPERATIONS FACILITY 864 SQ FT PANEL WOOD BUILDING 24 FT X 36 FT ONE STORY WOOD FLOOR WOOD PANEL CLADDING AND ROOF WITH INTERIOR DESERT AND TROPIC CLIMATE AND FRIGID CLIMATE. DESIGN DETAILS ARE ON INST. DWG AG0131-5044, SHT 8 OF 65	27	33	18,383	8	1,110	879	1,997
14110BB	AIRFIELD OPERATIONS FACILITY 2160 SQ FT PANEL WOOD BUILDING 36 FT X 60 FT ONE STORY WOOD FLOOR WOOD PANEL CLADDING AND ROOF WITH INTERIOR DESERT AND TROPIC CLIMATE AND FRIGID CLIMATE DESIGN DETAILS ARE ON INST. DWG AG0131-5044,SHT.37 OF 65	170	953	96,409	21	2,151	610	2,782
14110CC	OPERATIONS BUILDING AIRFIELD, LIGHTWEIGHT STEEL PANEL WITH INTERIOR, 20 BY 30 BY 8, DESERT/TROPIC CLIM	4	8	3,051	7	507	139	653
14110CD	OPERATIONS BUILDING AIRFIELD, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 30 BY 70 BY 8, DESERT/TROPIC CLIM	18	26	8,200	37	1,508	667	2,212
14910DA	REVETMENT KIT,PREFABRICATED MODULAR TYPE,CORRUGATED PANELS PIN ASSEMBLED STACKED SECTIONS SIZE A-12FT HIGH BY 5FT WIDE BY 252FT LONG MIL-R-28653.	23	58	4,299	9	55	21	85

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
14910DB	REVETMENT KIT,PREFABRICATED MODULAR TYPE,CORRUGATED PANELS, PIN ASSEMBLED STACKED SECTIONS SIZE 8-16FT HIGH BY 7FT WIDE BY 252FT LONG MIL-R-28653	39	98	6,854	14	69	28	111
14910EA	STANDOFF,DIMENSIONED TIMBER CONSTRUCTION,100 FT LONG BY 5 FT 6 IN. HIGH	7	7	966	87		35	122
14910EB	STANDOFF,DIMENSIONED TIMBER CONSTRUCTION,100 FT LONG BY 9 FT HIGH	8	9	1,413	117		35	152
14910EC	STANDOFF,DIMENSIONED TIMBER CONSTRUCTION,100 FT LONG BY 11 FT HIGH	9	10	1,698	140		35	175
14910ED	STANDOFF,LOG CONSTRUCTION,100 FT LONG BY 5 FT 6 IN. HIGH	15	45	999	40		45	85
14910EE	STANDOFF,LOG CONSTRUCTION,100 FT LONG BY 9 FT HIGH	21	63	1,181	62		45	107
14910EF	STANDOFF,LOG CONSTRUCTION,100 FT LONG BY 11 FT HIGH	24	73	1,323	69		43	112
14910EG	STANDOFF,STEEL SHEET PILE CONSTRUCTION,100 FT LONG BY 5 FT 6 IN. HIGH	11	18	4,888	41		15	56
14910EH	STANDOFF,STEEL SHEET PILE CONSTRUCTION,100 FT LONG BY 9 FT HIGH	16	26	6,892	43		15	58
14910EJ	STANDOFF,STEEL SHEET PILE CONSTRUCTION,100 FT LONG BY 11 FT HIGH	19	30	8,125	44		15	59
14910FA	REVETMENT,SANDBAG,100 FT LONG BY 5 FT 6 IN. HIGH,34.7 CY FILL REQUIRED	3	5	2,742	125		1,304	1,429
14910FB	REVETMENT,SANDBAG,100 FT LONG BY 9 FT HIGH,68.2 CY FILL REQUIRED	5	10	5,395	245		2,559	2,804
14910FC	REVETMENT,SANDBAG,100 FT LONG BY 11 FT HIGH,91.8 CY FILL REQUIRED	7	14	7,258	329		3,447	3,776

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
14910FD	REVETMENT,SANDBAG AND EARTH,100 FT LONG BY 5 FT 6 IN. HIGH, 53.3 CY FILL REQUIRED	1	3	1,376	74		652	726
14910FE	REVETMENT,SANDBAG AND EARTH,100 FT LONG BY 9 FT HIGH,125.7 CY FILL REQUIRED	3	5	2,697	148		1,280	1,428
14910FF	REVETMENT,SANDBAG AND EARTH,100 FT LONG BY 11 FT HIGH,184.4 CY FILL REQUIRED	3	7	3,630	219		1,751	1,970
14910GA	REVETMENT,GRAVITY,EARTH CONSTRUCTION,100 FT LONG BY 5 FT 6 IN. HIGH,533.8 CY FILL REQUIRED	2	5	5,993	77		20	97
14910GB	REVETMENT,GRAVITY,EARTH CONSTRUCTION,100 FT LONG BY 9 FT HIGH,1020.6 CY FILL REQUIRED	2	7	9,497	120		33	153
14910GC	REVETMENT,GRAVITY,EARTH CONSTRUCTION,100 FT LONG BY 11 FT HIGH,1350.3 CY FILL REQUIRED	2	7	9,497	147		38	185
14910GD	REVETMENT,GRAVITY,LOG CONSTRUCTION,100 FT LONG BY 5 FT 6 IN. HIGH,463.3 CY FILL REQUIRED	22	56	6,610	124		133	257
14910GE	REVETMENT,GRAVITY,LOG CONSTRUCTION,100 FT LONG BY 9 FT HIGH,831.6 CY FILL REQUIRED	31	79	9,669	185		202	387
14910GF	REVETMENT,GRAVITY,LOG CONSTRUCTION,100 FT LONG BY 11 FT HIGH,1068.1 CY FILL REQUIRED	37	92	9,726	227		245	472
14910GG	REVETMENT,GRAVITY,TIMBER CONSTRUCTION,100 FT LONG BY 5 FT 6 IN. HIGH,463.3 CY FILL REQUIRED	6	8	6,405	99		36	135
14910GH	REVETMENT,GRAVITY,TIMBER CONSTRUCTION,100 FT LONG BY 9 FT HIGH,831.6 CY FILL REQUIRED	8	11	9,409	145		55	200
14910GJ	REVETMENT,GRAVITY,TIMBER CONSTRUCTION,100 FT LONG BY 11 FT HIGH,1068.1 CY FILL REQUIRED	10	13	9,615	181		66	247
14910GK	REVETMENT,GRAVITY,M8A1 LANDING MAT CONSTRUCTION,100 FT LONG BY 5 FT 6 IN. HIGH,463.3 CY FILL REQUIRED	9	8	7,303	92		56	148

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
14910GL	REVETMENT,GRAVITY,M8A1 LANDING MAT CONSTRUCTION,100 FT LONG BY 9 FT HIGH,831.6 CY FILL REQUIRED	10	10	10,181	131		87	218
14910GM	REVETMENT,GRAVITY,M8A1 LANDING MAT CONSTRUCTION,100 FT LONG BY 11 FT HIGH,1068.1 CY FILL REQUIRED	12	11	10,531	162		104	266
14910GN	REVETMENT,GRAVITY,STEEL SHEET PILE CONSTRUCTION,100 FT LONG BY 5 FT 6 IN. HIGH,463.3 CY FILL REQUIRED	14	22	10,489	125		36	161
14910GP	REVETMENT,GRAVITY,STEEL SHEET PILE CONSTRUCTION,100 FT LONG BY 9 FT HIGH,831.6 CY FILL REQUIRED	19	30	15,124	181		48	229
14910GR	REVETMENT,GRAVITY,STEEL SHEET PILE CONSTRUCTION,100 FT LONG BY 11 FT HIGH,1068.1 CY FILL REQUIRED	21	33	16,079	206		54	260
14910HA	REVETMENT,BULKHEAD,LOG CONSTRUCTION,100 FT LONG BY 1 FT WIDE BY 5 FT 6 IN. HIGH,25.5 CY FILL REQUIRED	20	57	6,303	179		59	238
14910HB	REVETMENT,BULKHEAD,LOG CONSTRUCTION,100 FT LONG BY 1 FT WIDE BY 9 FT HIGH,41.7 CY FILL REQUIRED	34	91	7,245	243		146	389
14910HC	REVETMENT,BULKHEAD,LOG CONSTRUCTION,100 FT LONG BY 1 FT WIDE BY 11 FT HIGH,51.0 CY FILL REQUIRED	40	110	8,768	288		163	451
14910HG	REVETMENT,BULKHEAD,M8A1 LANDING MAT-TIMBER POST CONSTRUCTION,100 FT LONG BY 1 FT WIDE BY 5 FT 6 IN. HIGH, 25.5 CY FILL REQUIRED	17	12	5,951	107		102	209
14910HK	REVETMENT,BULKHEAD,M8A1 LANDING MAT-STEEL PIPE CONSTRUCTION,100 FT LONG BY 1 FT WIDE BY 5 FT 6 IN. HIGH, 25.5 CY FILL REQUIRED	17	10	7,027	107		102	209
14910HL	REVETMENT,BULKHEAD,M8A1 LANDING MAT-STEEL PIPE CONSTRUCTION,100 FT LONG BY 1 FT WIDE BY 9 FT HIGH,41.7 CY FILL REQUIRED	18	10	7,657	121		148	269
14910HM	REVETMENT,BULKHEAD,M8A1 LANDING MAT-STEEL PIPE CONSTRUCTION,100 FT LONG BY 1 FT WIDE BY 11 FT HIGH,51.0 CY FILL REQUIRED	18	11	7,944	144		168	312

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
14910JA	REVETMENT,FREE STANDING,SOIL CEMENT CONSTRUCTION,100 FT LONG BY 6 FT HIGH,88.2 CY FILL REQUIRED	18	15	1,639	232		102	334
14910JB	REVETMENT,FREE STANDING,SOIL CEMENT CONSTRUCTION,100 FT LONG BY 9 FT HIGH,151.2 CY FILL REQUIRED	30	24	2,611	449		176	625
14910JC	REVETMENT,FREE STANDING,SOIL CEMENT CONSTRUCTION,100 FT LONG BY 12 FT HIGH,218.4 CY FILL REQUIRED	44	35	3,602	667		254	921
14910JE	REVETMENT,FREE STANDING,CORRUGATED STEEL CONSTRUCTION,100 FT LONG BY 1 FT WIDE BY 6 FT HIGH,26.8 CY FILL REQUIRED	3	4	1,647	187		55	242
14910KA	REVETMENT,PREFABRICATED,MODULAR TYPE,CORRUGATED PANELS,PIN ASSEMBLED,STACKED SECTIONS,252 FT LONG BY 12 FT HIGH,720 CY FILL REQUIRED	23	58	4,299	115		69	184
14910KB	REVETMENT,PREFABRICATED,MODULAR TYPE,CORRUGATED PANELS,PIN ASSEMBLED,STACKED SECTIONS,252 FT LONG BY 16 FT HIGH,1320 CY FILL REQUIRED	39	98	6,854	184		92	276
14910KC	REVETMENT,PREFABRICATED,MOBILE TYPE,MBA1 LANDING MAT CONSTRUCTION,100 FT LONG BY 4 FT 9 IN. HIGH	11	27	7,110	22		37	59
14910KD	REVETMENT,PREFABRICATED,MOBILE TYPE,MBA1 LANDING MAT CONSTRUCTION,100 FT LONG BY 10 FT HIGH	17	31	8,586	32		53	85
14910KE	REVETMENT,PREFABRICATED,MOBILE TYPE,MBA1 LANDING MAT CONSTRUCTION,100 FT LONG BY 11 FT 8 IN. HIGH	18	32	8,919	38		63	101
14910KF	REVETMENT,PREFABRICATED,PANELS WITH FOOTERS,CONCRETE CONSTRUCTION,100 FT LONG BY 4 FT 10 IN. HIGH	14	16	2,884	14		22	36
14910KG	REVETMENT,PREFABRICATED,PANELS WITH FOOTERS,CONCRETE CONSTRUCTION,100 FT LONG BY 9 FT HIGH	39	37	4,969	14		22	36
14910KH	REVETMENT,PREFABRICATED,PANELS WITH FOOTERS,CONCRETE CONSTRUCTION,100 FT LONG BY 11 FT HIGH	44	42	5,610	14		22	36

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
14910KJ	REVETMENT,PREFABRICATED,SELF-SUPPORTING,CONCRETE CONSTRUCTION,100 FT LONG BY 5 FT HIGH	21	21	4,765	8		16	24
14910KK	REVETMENT,PREFABRICATED,SELF-SUPPORTING,CONCRETE CONSTRUCTION,100 FT LONG BY 9 FT HIGH	34	33	8,204	8		16	24
14910KL	REVETMENT,PREFABRICATED,SELF-SUPPORTING,CONCRETE CONSTRUCTION,100 FT LONG BY 12 FT HIGH	52	49	10,900	8		16	24
14920AA	BOMB DAMAGE REPAIR OF AIRCRAFT ARRESTING BARRIER - BAK-12	11	27	80,237	25	110	69	204
14930AA	EARTH BARRICADE FOR AMMO STORAGE INSTALLATIONS,67FT WIDE X 16FT HIGH,100LF. 1/1.5 SIDE SLOPES.REQUIRES 1840.0CY EARTH FILL.			399	30		32	62
14930AB	EARTH BARRICADE FOR AMMO STORAGE INSTALLATIONS, 91FT WIDE X 22FT HIGH,100LF SEE DWG FP1105-1115,SH 2			542	220		64	284
14931BA	FIGHTING POSITION,FABRIC-FRAME STRUCTURE WITH SANDBAG OR EARTH COVER	12	19	20,470	1		5	6
14931BB	FIGHTING BUNKER,PRECAST CONCRETE SLAB	6	4	823	3		7	10
14931BC	PERSONNEL SHELTER,FABRIC-FRAME STRUCTURE WITH EARTH COVER	17	31	35,302	1		5	6
14931BD	VERTICAL ENTRY SHAFT FOR PERSONNEL SHELTER.FABRIC-FRAME AND SHEET METAL STRUCTURE	7	12	14,164	1		7	8
14931BE	EQUIPMENT SHELTER,FABRIC-FRAME STRUCTURE WITH EARTH COVER	24	43	49,651	1		7	8
14931BF	COMMAND POST SHELTER,FABRIC-FRAME STRUCTURE WITH EARTH COVR	34	63	72,041	2		7	9
14970AA	LANDING RAMP, LANDING SHIP TANK, 25FT X 100FT	10	7	2,872	69		92	161
14970AB	LANDING RAMP FOR LST, LANDING CRAFT, AND AMPHIBIOUS VEHICLES, 15 FTX100 FT, 12 IN CONCRETE	44	30	931		150	196	346

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	CONSTRUCTION MATERIAL COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
14970AC	LANDING RAMP FOR LST, LANDING CRAFT, AND AMPHIBIOUS VEHICLES, 25 FTX100 FT, 12 IN CONCRETE	31	21	1,347		253	322	575
14970AE	LANDING RAMP,DUKW W/CRUSHED ROCK 15FTX100FTX1FT (NO DWG)				109	29	150	288
14970AF	LANDING RAMP (LCU/LCM/LST) 30FTX100FTX18IN (SEE FM101-10-1)				207	58	288	553
14970AG	RAMP FOR AMPHIBIOUS VEH,60FTX100FTX18IN (SEE FM 101-10-1)				426	104	541	1,071
14970AH	BEACH STABILIZATION, HARDSTAND, 1000SY,6IN ROCK	140	95	700	253	63	322	638
14991AE	CAMOUFLAGE, DESERT RADAR SCATTERING SYSTEM AND SCREEN SUPPORT SYSTEM. (CONSULT TM 5-301 TO DETERMINE QUANTITY OF THESE FACILITIES REQUIRED FOR COMPLETE COVERAGE.)			903			1	1
14991AF	CAMOUFLAGE, DESERT RADAR TRANSPARENT SYSTEM AND SCREEN SUPPORT SYSTEM. (CONSULT TM 5-301 TO DETERMINE QUANTITY OF THESE FACILITIES REQUIRED FOR COMPLETE COVERAGE.)			871			1	1
15150AD	BOMB DAMAGE REPAIR TO A COMMERCIAL CARGO PIER	3	152	139,108	414	1,477	1,932	3,823
15150BA	GUARD RAIL FOR DELONG BARGE 1FT-4IN HIGHX100LF,STEEL SHEET 4	2		1,033	6	23	12	41
15150BB	GUARD RAIL FOR DELONG BARGE 1FT-11.5IN HIGHX100LF,STEEL SHEET 4	4		1,740	6	23	12	41
15150BC	SEACUSHION,4FTX7.4FT,DELONG PIER,W/PADEYES & FITTINGS SHEET 6	1	7	5,814	2	5		7
15150BD	ROPE SLING FOR CONCRETE BALLAST UNITS,FLOATING FENDERS SHEET 9			44		2	2	4
15150BE	CORNER GUARD,71-INX1.5INX10.0FT STEEL PIPE,DELONG B PIER SHEET 4	8	10	5,822	28	55		83
15150BF	DELONG A BARGE,MOORED TO RO/RO FACILITY SHEET 6	3	250	2,305,914	5	2	9	16

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	SEWL	TOT
15150BG	SPUD PILE & CONNECTING BRACKET,AMMI PIER SHEET 5	5	5	10,691	16	69		85
15150BH	MOORING POST,24-IN PIPE,DE LONG PIER SHEET 7	3	1	3,067	5	28		33
15150BJ	BITTS,ONE PAIR,AMMI PIER SHEET 7			164	2	23		25
15150BK	BITTS,ONE PAIR,DELONG PIER SHEET 7			370	1	5		6
15150BL	MOORING BITT,FLOATING FENDER SHEET 7			236	2	48		50
15150BM	WIRE ROPE WRAP-AROUND TIE FOR PAIR OF CAISSONS-DELONG B PIER SHEET 6			923	9	48	14	71
15150BN	STEEL CLOSURE PLATES,20 FT LONG,DELONG/AMMI BARGES SHEET 6	1		496	1	1	1	3
15150BP	TIMBER CLOSURE PLUG,8 FT LONG,DELONG/AMMI BARGES SHEET 6			86	7	46	18	71
15150BR	SEACUSHION,6FTX12FT,DELONG PIER,W/PADEYES & FITTINGS SHEET 6	2	20	13,772	2	5		7
15150BT	SEACUSHION,10FTX16FT,DELONG PIER,W/PADEYES & FITTINGS SHEET 6	6	66	39,212	2	5		7
15150BU	TIMBER BACKING FOR 4-FT SEACUSHION, FLOATING FENDERS SHEET 9	1	2	306	6	9		15
15150BV	TIMBER BACKING FOR L-FT SEACUSHION, FLOATING FENDERS SHEET 1	1	2	388	15	89	39	143
15150BW	TIMBER & STL BACKING FOR 10-FT SEACUSHION, FLOATING FENDERS SHEET 9	6	7	2,005	24	98	39	161

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
15150BY	TIMBER FENDER FOR SIDESHELL,DELONG BARGE,19FTX10FTX12IN SHEET 6	3	5	822	17	51	23	91
15150CA	END GUARD, TIMBER & STEEL,FLOATING FENDERS SHEET 8	13	10	5,530	21	28	14	63
15150CB	INTERMEDIATE GUARD,TIMBER & STEEL,FLOATING FENDERS SHEET 8	10	7	5,011	10	14	7	31
15150CC	RAMP,RO/RO PIER,MACBRIDGE,TYPE,W/27FT-6IN RISE SHEET 2	700	1,850	2,000,000	5	2	9	16
15150CD	TRUNK,CAUSEWAY,SHEET PILE BULKHEADS,10-FT SURF,100 LF. SHEET 13	3,841	2,547	97,559	662	938	221	1,821
15150CE	FLOATING FENDER ASSEMBLY,128 FT LONG X 8FT WIDE X 12FT HIGH W/CONCRETE BALLAST,MOORING ROPES & MOORING COLLARS SHEET 10	108	18	65,145	110	138	55	303
15150CF	CONNECTING RAMP FOR DELONG A BARGES,22FT-2IN WIDE X 40FTLONG SHEET 11	22	8	17,509	9	12	37	58
15150CG	TIMBER DECK FOR DELONG:B:BARGE,12IN THICK SHEET 4	142	208	37,803	64	273	258	595
15150CH	TIMBER DECK FOR DELONG:A:BARGE,12IN THICK SHEET 4	384	562	102,432	345	690	1,035	2,070
15150CJ	TIMBER DECK FOR DELONG:B:BARGE,4 IN THICK SHEET 4	45	66	9,604	64	258	129	451
15150CK	TIMBER DECK FOR AMMI BARGE,12IN THICK SHEET 5	22	32	5,791	25	76	51	152
15150CL	TIMBER DECK FOR AMMI BARGE,4 IN THICK SHEET 5	11	16	2,873	25	76	51	152

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DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
15150CH	JACKED-UP DELONG IB: BARGE SHEET 4	479	828	1,342,761	125	580	166	871
15150CN	JACKED-UP AMMI BARGE - 60FT X 30FT X 5FT, SHEET 5	37	242	91,044	44	166	55	265
15150CP	RAMP,RO/RO PIER,MACBRIDGE TYPE,W/22FT-6IN RISE SHEET 4	600	1,550	1,650,000	5	2	9	16
15150CR	PLATFORM,STEEL,4 FIRE PUMPS,15FTX22FT,ON SIDE OF AMMI BARGE SHEET 12	6	5	6,445	21	124	41	186
15150CT	PLATFORM,STL,4 FIRE & 2 DESALINATION PUMPS,15FTX22FT,ON AMMI SHEET 12	7	6	7,858	21	124	41	186
15150CU	HEAD,CAUSEWAY,STONE,SLOPE H/V\2.0,UNIT WT OF STONE 145PCF SHEET 13							
15150CV	HEAD,CAUSEWAY,STONE,SLOPES(H/V>2.0,UNIT WT OF STONE > 155PCF SHEET 13				163	92	276	531
15150CW	HEAD,CAUSEWAY,STONE,SLOPES(H/V>2.0,UNIT WT OF STONE > 165PCF SHEET 13				138	76	228	442
15150CY	HEAD,CAUSEWAY,SHEET PILE CELLS SHEET 13	1,262	829	83,551	129	154	83	366
15150DA	TRUNK,CAUSEWAY,STONE(145PCF),10-FT SURF,SLOPE H/V>1.5,100LF SHEET 13	2	2	639	248	166	276	690
15150DB	TRUNK,CAUSEWAY,STONE(155PCF),10-FT SURF,SLOPE H/V>1.5,100LF SHEET 13	2	2	639	248	166	276	690
15150DC	TRUNK,CAUSEWAY,STONE(165PCF),10-FT SURF,SLOPE H/V>1.5,100LF SHEET 13	2	2	639	248	166	276	690
15150DD	TRUNK,CAUSEWAY,STONE(145PCF),5-FT SURF,SLOPE H/V>1.5,100LF SHEET 13	2	2	639	299	77	243	619

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DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
15150DE	TRUNK,CAUSEWAY,STONE(155PCF),5-FT SURF,SLOPE H/V>1.5,100LF SHEET 13	2	2	639	299	77	243	619
15150DF	TRUNK,CAUSEWAY,STONE(165PCF),5-FT SURF,SLOPE H/V>1.5,100LF SHEET 13	2	2	639	184	77	244	505
15150DG	TRUNK,CAUSEWAY,STONE(145-165PCF),SLOPE H/V>1.5,ON DRY LAND HEIGHT>15FT,100LF,SHEET 13	2	2	639	81	40	81	202
15150DH	TRUNK,CAUSEWAY,COMPACTED LANDFILL,SLOPES H/V>1.5,HEIGHT>15FT ON DRY LAND,100 LF, SHEET 13	2	2	639	40	20	40	100
15150DJ	TRUNK,CAUSEWAY,STONE(145-165PCF) SLOPES H/V>1.5,HEIGHT>10FT ON DRY LAND,100LF, SHEET 13	2	2	639	81	40	81	202
15150DK	TRUNK,CAUSEWAY,COMPACTED LANDFILL,SLOPES H/V>1.5,HEIGHT>10FT ON DRY LAND,100LF, SHEET 13	2	2	639	40	20	40	100
15150DL	TRUNK,CAUSEWAY,STONE(145-165PCF),SLOPES H/V>1.5,HEIGHT>5 FT ON DRY LAND,100LF, SHEET 13	2	2	639	35	17	35	87
15150DM	TRUNK,CAUSEWAY,COMPACTED LANDFILL,SLOPES H/V>1.5,HEIGHT>5 FT ON DRY LAND,100LF, SHEET 13	2	2	639	17	9	17	43
15150DN	FOUNDATION FOR MACBRIDGE TYPE RO/RO RAMP ON DELONG A BARGE SHEET 4			180		2	2	4
15150DP	STEEL COVER,DE LONG BARGE CAISSON WELL,130X135X7IN. SHEET 4	18	2	14,022				
15150DR	1X15 NL PONTOON FENDER W/SEACUSHIONS,FOR AMMI PIER NAVFAC DWG SK9105 & 15150BA-EK,SHT 5			250	28	28		56
15150DT	HANGER,1 OR 2 PIPES,STEEL,AMMI/DELONG:B:BARGE DWG 1105-15,SHEET 8			18	2	5	5	12
15150DU	BRACKET,SUPPORT FOR 3 PIPES,STEEL,AMMI BARGE DWG 1105-15,SHEET 8			68		3	3	6

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
15150DV	BRACKET,SUPPORT FOR 2 PIPES,STEEL,DELONG:B:BARGE DWG 1105-15,SHEET 8			51		2	2	4
15150DW	BRACKET,ANCHOR FOR 3 PIPES,STEEL,AMMI BARGE DWG 1105-15,SHEET 8			80		5	5	10
15150DY	BRACKET,ANCHOR FOR 2 PIPES,STEEL,DELONG:B:BARGE DWG 1105-15,SHEET 8			59		3	3	6
15150EA	DELONG CONTAINER PIER-900FT LONG X 120 FT WIDE-12 DELONG B:S SHEET 1	9,599	14,756	21,055,308	6,500	26,514	10,819	43,833
15150EB	DELONG BREAKBULK PIER-600FT LONG X 120 FT WIDE-11 DELONG B:S SHEET 2	8,227	12,376	18,492,308	4,878	21,859	9,715	36,452
15150EC	DELONG FLOATING RO/RO STAGE W/RAMPS,600FT LONG X 160 FT WIDE -3 DELONG A:S 3 DELONG B:S 1 MACBRIDGE RAMP & 2 CONNECTING RAMPS FOR DELONG A&S,SHEET 2	3,754	7,405	14,097,294	2,330	11,341	4,733	18,404
15150ED	DELONG LIGHTERAGE PIER-300FT LONG X 120FT WIDE-3 DELONG B:S SHEET 3	2,519	3,452	5,201,227	1,521	5,244	2,484	9,249
15150EE	DELONG SERVICE PIER-450FT LONG X 60FT WIDE-3 DELONG B:S SHEET 3	2,502	3,080	5,251,646	1,857	4,545	1,435	7,837
15150EF	AMMI PORT VESSEL PIER -180FT LONG X 30FT WIDE, 3 AMMIS SHEET 3	3,007	8,234	8,413,499	605	1,987	497	3,089
15150EG	AMMI SERVICE VESSEL PIER-240FT LONG X 30FT WIDE, 7 AMMIS SHEET 3	3,207	9,266	8,793,543	782	2,691	690	4,163
15150EH	DELONG TRESTLE W/12-INCH TIMBER DECK -1 DELONG:B:BARGE SHEET 1	633	1,036	1,586,429	308	1,290	531	2,129
15150EJ	AMMI TRESTLE W/12-INCH TIMBER DECK -1 AMMI 30FTX60FT BARGE SHEET 5	59	274	97,050	90	359	154	603

DESERT CLIMATE		CONSTRUCTION MATERIAL						
FACILITY NUMBER	DESCRIPTION	WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
15150EK	AMMI TRESTLE W/4-INCH TIMBER DECK - 1 AMMI 30FTX60FT BARGE SHEET 3	50	258	94,661	85	235	110	430
15150EL	DELONG CONTAINER PIER,TRESTLE & CAUSEWAY,20-FT TIDE,15 PER CENT GROUND SLOPE-TRESTLE[1 DELONG B PLUS 3 AMMI BARGES, CAUSEWAY HEAD[SHEET PILE CELLS, TRUNK[SHEET PILE BLKHDS 70LF & COMPACTED LANDFILL 100LF DWG FP1105-1115,SHEET 1	13,100	18,399	23,001,817	7,710	29,711	12,090	49,511
15150EM	DELONG BREAKBULK PIER,TRESTLE & CAUSEWAY,20-FT TIDE,15 PER CENT GROUND SLOPE-TRESTLE[1 DELONG B PLUS 3 AMMI BARGES,-CAUSEWAY HEAD[SHEET PILE CELLS, TRUNK[SHEET PILE BLKHDS 70 LF & COMPACTED LANDFILL 100LF DWG FP1105-1115,SHEET 1	12,990	16,848	20,522,368	6,088	25,056	10,986	42,130
15150EN	DELONG BREAKBULK-RO/RO PIER,TRESTLE & CAUSEWAY,20-FT TIDE,15 PERCENT GROUND SLOPE-TRESTLE[1 DELONG B & 3 AMMI BARGES,-15 CAUSEWAY HEAD[SHEET PILE CELLS,TRUNK[SHEET PILE BLKHDS 70 LF & COMPACTED LANDFILL 100LF DWG FP1105-1115,SHEET 1	16,744	24,253	34,619,662	8,418	36,398	15,719	60,535
15150EP	DELONG LIGHTERAGE PIER,TRESTLE & CAUSEWAY,20-FT TIDE,15 PER CENT GROUND SLOPE-TRESTLE[3 AMMI BARGES-CAUSEWAY HEAD[SHEETPILE CELLS,TRUNK[SHEET PILE BLKHDS 70LF & COMPACTED LANDFILL 100 LF, DWG FP1105-1115,SHEET 1	6,649	6,888	5,644,858	2,423	7,151	3,223	12,797
15150ER	DELONG SERVICE PIER,TRESTLE & CAUSEWAY,20-FT TIDE,15 PERCENT GROUND SLOPE-TRESTLE[3 AMMI BARGES- CAUSEWAY HEAD[SHEET PILE CELLS, TRUNK[SHEET PILE BLKHDS 70LF & COMPACTED LAND-LANDFILL 100 LF, DWG FP1105-1115,SHEET 1	6,605	6,468	5,688,110	2,745	6,079	2,044	10,868
15150ET	AMMI PORT AND SERVICE VESSEL PIERS,TRESTLE & CAUSEWAY,20-FT TIDE,15 PERCENT GROUND SLOPE - TRESTLE[6 AMMI BARGES - CAUSEWAY HEAD[SHEET PILE CELLS, TRUNK[SHEET PILE BLKHDS 70 LF & COMPACTED LANDFILL 100 LF, DWG FP1105-1115,SHEET 1	10,467	21,662	17,927,489	2,530	6,916	2,126	11,572
15191AA	DE LONG PIER A-300 FB. THIS FACILITY SATISFIES A REQUIREMENT OF MILITARY PLANNERS AND THERE ARE NO DRAWINGS IN TM5-302. DATA SUPPLIED BY DAEN-SG IN DEC 1977.	3	250	2,305,914	69	29	98	196

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
15191BA	DE LONG PIER B-150 FB. THIS FACILITY SATISFIES A REQUIREMENT OF MILITARY PLANNERS AND THERE ARE NO DRAWINGS IN TM5-302. DATA SUPPLIED BY DAEN-SG IN DEC 1977.	10	250	1,193,015	55	23	78	156
15250AU	BOMB DAMAGE REPAIR OF CARGO WHARF	29	26	2,546	449	1,173	1,173	2,795
16390AA	TANKER MOORING, POL, 3 LEGS-60 FT DEPTH	61	157	103,495	460	506	345	1,311
16390AB	TANKER MOORING, POL, 3 LEGS - 90 FT DEPTH	64	158	118,762	552	598	357	1,507
16390AC	TANKER MOORING, POL, 3 LEGS - 120 FT DEPTH	71	160	129,572	610	725	391	1,726
16390AD	TANKER MOORING, POL, 5 LEGS - 60 FT DEPTH	98	254	169,468	690	771	460	1,921
16390AE	TANKER MOORING, POL, 5 LEGS - 90 FT DEPTH	105	256	194,913	805	886	48	1,739
16390AF	TANKER MOORING, POL, 5 LEGS - 120 FT DEPTH	116	258	212,622	897	1,012	506	2,415
16390AG	TANKER MOORING, POL, 7 LEGS 60 FT DEPTH	136	351	235,507	966	1,035	644	2,645
16390AH	TANKER MOORING, POL, 7 LEGS-90 FT DEPTH	145	354	271,130	1,150	1,254	690	3,094
16390AJ	TANKER MOORING, POL, 7 LEG - 120 FT DEPTH	160	357	295,471	1,277	1,392	759	3,428
16440AA	JETTY, POL, 14-FT X 1000 FT WALK AND PIPEWAY WITH 40X70 WHARF, TIMBER PILING, DECK AND MOORING FACILITIES.	695	718	278,329	4,945	8,050	219	13,214
16440AB	HOSE DERRICK PARTS FOR POL WHARFS.	2	1	2,709		104	104	208
21330BD	SMALL BOAT REPAIR FACILITY 2800SQ FT PRE-ENGINEERED METAL BUILDING 40 FT X 70 FT WITH INTERIOR,TEMPERATE,DESERT AND FRIGID CLIMATE	28	52	33,764	9	32	41	82
21330BG	SMALL BOAT REPAIR FACILITY 2880SQ FT PANELIZED WOOD BUILDING 48 FT X 60 FT ONE STORY CONCRETE FLOOR 12 FT HIGH WOOD PANEL CLADDING AND WOOD PANEL ROOF WITH INTERIOR DESERT AND TROPIC CLIMATE	204	897	79,053	25	1,234	454	1,713

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
21330BH	INTERIOR FOR SMALL BOAT REPAIR FACILITY 3072SQ FT WOOD FRAME BUILDING TEMPERATE; FRIGID AND DESERT CLIMATE	10	16	6,529		31	14	45
21330BK	ELECTRICAL WIRING KIT, FLUORESCENT LIGHTING AND RECEPTACLE OUTLETS, 20 FOOTCANDLES, 3000 SQ FT, 8 TO 14 FEET MOUNTING HEIGHT, INCLUDING WIRING FOR VENTILATION EXHAUST FANS	1	4	3,172		246	41	287
21410BW	TRACKED VEHICLE TURNING PAD	20	15	1,312		36	54	90
21410BY	VEHICLE WASH RACK	21	15	1,598	5	68	94	167
21410EC	END REPAIR BAY - WOOD FRAME CONSTRUCTION; WOOD CLADDING AND ROOF DECK; OPEN ONE SIDE; ONE COLUMN; 20X60FT DESERT-TROPIC CLIMATES	364	314	24,093	70	872	237	1,179
21410ED	END REPAIR BAY - PREFABRICATED METAL FRAME CONSTRUCTION; CONCRETE FLOOR AND FOUNDATIONS; CORRUGATED METAL CLADDING AND ROOF DECK; OPEN ONE SIDE; ONE ROOF FRAME; 20X60FT DESERT/TROPIC CLIMATES	18	15	14,137	62	742	335	1,139
21410EH	END REPAIR BAY - WOOD FRAME CONSTRUCTION; WOOD CLADDING AND ROOF DECK; OPEN ONE SIDE; TWO COLUMNS; 20X60FT DESERT/TROPIC CLIMATES	374	321	25,381	72	898	242	1,212
21410EJ	END REPAIR BAY - PREFABRICATED METAL FRAME CONSTRUCTION; CONCRETE FLOOR AND FOUNDATIONS; CORRUGATED METAL CLADDING OPEN ONE SIDE; TWO ROOF FRAMES; 20X60FT DESERT/TROPIC CLIMATES	18	15	14,137	72	845	386	1,303
21410EM	END REPAIR BAY - WOOD FRAME CONSTRUCTION; WOOD CLADDING AND ROOF DECK; CLOSED ALL SIDES; TWO COLUMNS; 20X60 FT DESERT/TROPIC CLIMATES	435	390	29,007	139	1,734	434	2,307
21410EN	END REPAIR BAY - PREFABRICATED METAL FRAME CONSTRUCTION; CONCRETE FLOOR AND FOUNDATIONS; CORRUGATED METAL CLADDING CLOSED ALL SIDES; TWO ROOF FRAMES; 20X60FT DESERT/TROPIC CLIMATES	18	15	14,137	78	897	413	1,388

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
21410ET	END REPAIR BAY - WOOD FRAME CONSTRUCTION; WOOD CLADDING AND AND ROOF DECK; OPEN TWO SIDES; ONE COLUMN; 20X60FT DESERT/TROPIC CLIMATES	290	236	16,130	41	361	155	757
21410EU	INTERIOR REPAIR BAY - PREFABRICATED METAL FRAME CONSTRUCTION; CONCRETE FLOOR AND FOUNDATIONS; CORRUGATED METAL CLADDING; OPEN TWO SIDES; ONE ROOF FRAME DESERT/TROPIC CLIMATES	18	15	12,137	52	638	283	973
21410EY	1200 SQUARE FOOT CORE - WOOD FRAME CONSTRUCTION; WOOD CLADDING AND ROOF DECK;GABLE WITH ONE END WALL;ONE COLUMN DESERT/TROPIC CLIMATES	277	245	24,333	250	1,509	651	2,410
21410FA	1200SQUARE FOOT CORE LEAN-TO; PREFABRICATED METAL FRAME CONCRETE FLOOR AND FOUNDATIONS; CORRUGATED METAL CLADDING DESERT/TROPIC CLIMATES	15	15	16,771	131	692	284	1,107
21410FD	1200 SQUARE FOOT CORE-WOOD FRAME CONSTRUCTION W/WOOD CLADDING AND ROOF DECK (JOIN TO SUBFACILITY EY ONLY. 20X60 FEET DESERT/TROPIC CLIMATE.	286	252	25,573	252	1,535	653	2,440
21410FE	1200 SQUARE FOOT CORE SUBFACILITY; PREFABRICATED METAL FRAME; CONCRETE FLOOR AND FOUNDATIONS; CORRUGATED METAL CLADDING (W/RIDGE SUPPORT - JOIN TO SUBFACILITY FA ONLY) DESERT/TROPIC CLIMATES	15	15	16,771	97	966	483	1,546
21410FH	1200 SQUARE FOOT CORE.WOOD FRAME CONSTRUCTION WITH WOOD CLADDING AND ROOF DECK; GABLE WITH NO END WALLS;ONE COLUMN DESERT/TROPIC CLIMATES	3	7	3,654	131	946	229	1,306
21410FJ	2400 SQUARE FOOT CORE LEAN-TO, PREFABRICATED METAL FRAME, CONCRETE FLOOR AND FOUNDATIONS, CORRUGATED METAL CLADDING AND ROOF DECK DESERT/TROPIC CLIMATES	30	28	31,701	121	1,208	604	1,933
21410FN	2400 SQUARE FOOT CORE SUBFACILITY, PREFABRICATED METAL FRAME, CONCRETE FLOOR AND FOUNDATIONS, CORRUGATED METAL CLADDING AND ROOF DECK, (W/RIDGE SUPPORT - JOIN TO SUBFACILITY FJ ONLY), 40X60 FT DESERT/TROPIC CLIMATES MAINT.CORE 00002400SQFT	30	28	31,701	245	1,558	677	2,480

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	CONST EFFORT IN MAN-HOURS VERT	CONST EFFORT IN MAN-HOURS GENL	CONST EFFORT IN MAN-HOURS TOT
21410GG	2400 SQUARE FOOT BUILDING, PLAN TYPE 2, 2 REPAIR BAYS, 1200 SQ. FT. CORE, WOOD FRAME CONSTRUCTION, CONCRETE FLOOR AND FOUNDATIONS, WOOD CLADDING AND ROOF DECK, 40X60 FT DESERT/TROPIC CLIMATES	712	636	54,627	423	3,368	1,102	4,893
21410GH	2400 SQUARE FOOT BUILDING, PLAN TYPE 2, 2 REPAIR BAYS, 1200 SQ. FT. CORE, PREFABRICATED METAL CONSTRUCTION, CONCRETE FLOOR AND FOUNDATIONS, CORRUGATED METAL CLADDING, ROOF DECK DESERT, TROPIC CLIMATES	36	31	27,561	199	1,639	713	2,551
21410GT	3600 SQUARE FOOT CORE BUILDING, PLAN TYPE 4, 4 REPAIR BAYS, 1200 SQ. FT. CORE, WOOD FRAME CONSTRUCTION, CONCRETE FLOOR AND FOUNDATION, WOOD CLADDING AND ROOF DECK, 60X60 FT DESERT/TROPIC CLIMATES	1,015	881	75,577	426	3,393	1,106	4,925
21410GU	3600 SQUARE FOOT BUILDING, PLAN TYPE 4, 4 REPAIR BAYS, 1200 SQ. FT. CORE, PREFABRICATED METAL CONSTRUCTION, CONCRETE FLOOR AND FOUNDATION, CORRUGATED METAL CLADDING AND ROOF DECK, 60X60 FT DESERT/TROPIC CLIMATES MAINT.FACLIT00003600SQFT	51	46	46,815	271	2,432	1,049	3,752
21410HN	4800 SQUARE FOOT BUILDING,PLAN TYPE 8,6 REPAIR BAYS 1200 SQ FT.CORE,WOOD FRAME CONSTRUCTION,CONCRETE FLOOR AND FOUNDATION,WOOD CLADDING AND ROOF DECK,TROPIC/DESERT CLIMATES.	1,305	1,117	91,628	458	3,933	1,233	5,624
21410HP	4800 SQUARE FOOT BUILDING,PLAN TYPE 8,6 REPAIR BAYS,1200 SQ FT.CORE,PREFAB METAL CONSTRUCTION CONCRETE FLOOR AND FOUNDATION,CORRUGATED METAL CLADDING AND ROOF,TROP/DESERT CLIMS.	69	61	58,873	350	2,760	1,132	4,242
21410JE	4800 SQUARE FOOT CORE BUILDING, PLAN TYPE 11, 4 REPAIR BAYS , 2400 SQ. FT. CORE, WOOD FRAME CONSTRUCTION, CONCRETE FLOOR AND FOUNDATION, WOOD CLADDING AND ROOF DECK, 80X60 FT DESERT/TROPIC CLIMATES	741	643	54,819	273	2,826	685	3,784
21410JF	4800 SQUARE FOOT BUILDING, PLAN TYPE 11, 4 REPAIR BAYS, 2400 SQ. FT. CORE, PREFABRICATED METAL CONSTRUCTION, CONCRETE FLOOR AND FOUNDATION, CORRUGATED METAL CLADDING AND ROOF DECK, 80X60 FT DESERT/TROPIC CLIMATES MAINT.FACLIT00004800SQFT	66	59	61,666	256	2,977	1,287	4,520

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
21410NA	CORE - 1200 SQUARE FOOT MODULAR INTERIOR CORE PARTITIONS WITH THREE DOORS ALL CLIMATES	2	3	1,304	124	41	12	177
21410NB	CORE - 2400 SQUARE FOOT MODULAR INTERIOR CORE PARTITIONS WITH 4 DOORS ALL CLIMATES	4	4	2,059	28	9	2	39
21410NC	CORE - DX/TS PARTITION ALL CLIMATES	1	1	432		85	17	102
21411AA	LUBRICATION RACK,VEHICLE,12X56 W/RAMP+PLATFORM	7	5	865		414	69	483
21430AG	CRANE SUPPORT FOR 10 TON CRANE, 100 FT OF CRANEWAY	24	27	9,397	23	529	184	736
21430BD	SHOP, ORDNANCE GENERAL PURPOSE REBUILD, LIGHTWEIGHT TENSION FABRIC MEMBRANE BUILDING, 124 BY 244 BY 14/42	240	180	159,420				
21710AA	COMMUNICATIONS-ELECTRONIC MAINTENANCE SHOP FACILITY 1000 SQ FT WOOD FRAME BUILDING 20 FT X 50 FT ONE STORY CONCRETE FLOOR 8 FT HIGH WOOD AND FELT CLADDING AND WOOD AND FELT ROOF WITH INTERIOR TEMPERATE AND DESERT CLIMATE	28	39	8,764	30	1,072	271	1,373
21710AB	INTERIOR FOR COMMUNICATIONS-ELECTRONIC MAINTENANCE SHOP FACILITY 1000 SQ FT WOOD FRAME BUILDING TEMPERATE , FRIGID AND DESERT CLIMATE	5	12	4,705		807	184	991
21710AC	COMMUNICATIONS-ELECTRONIC MAINTENANCE SHOP FACILITY 1000 SQ FT PRE-ENGINEERED METAL BUILDING 20 FT X 50 FT ONE STORY CONCRETE FLOOR CORRUGATED STEEL CLADDING AND ROOF WITH INTERIOR TEMPERATE , FRIGID AND DESERT CLIMATE	13	66	15,969	71	1,538	568	2,177
21710AD	INTERIOR FOR COMMUNICATIONS-ELECTRONIC MAINTENANCE SHOP FACILITY 1000 SQ FT PRE-ENGINEERED METAL BUILDING TEMPERATE , FRIGID AND DESERT CLIMATE	6	14	5,339		831	196	1,027
21710AE	COMMUNICATIONS-ELECTRONIC MAINTENANCE SHOP FACILITY 2000 SQ FT WOOD FRAME BUILDING 40 FT X 50 FT ONE STORY CONCRETE FLOOR 8 FT HIGH WOOD AND FELT CLADDING AND WOOD AND FELT ROOF WITH INTERIOR TEMPERATE AND DESERT CLIMATE	53	66	13,780	37	1,740	412	2,189

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	CONSTRUCTION MATERIAL COST $	CONST EFFORT IN MAN-HOURS HOR	CONST EFFORT IN MAN-HOURS VERT	CONST EFFORT IN MAN-HOURS GENL	CONST EFFORT IN MAN-HOURS TOT
21710AF	INTERIOR FOR COMMUNICATIONS-ELECTRONIC MAINTENANCE SHOP FACILITY 2000 SQ FT WOOD FRAME BUILDING TEMPERATE , FRIGID AND DESERT CLIMATE	9	20	7,504		1,225	283	1,508
21710AG	COMMUNICATIONS-ELECTRONIC MAINTENANCE SHOP FACILITY 2000 SQ FT PRE-ENGINEERED METAL BUILDING 40 FT X 50 FT ONE STORY CONCRETE FLOOR CORRUGATED STEEL CLADDING AND ROOF WITH INTERIOR TEMPERATE , FRIGID AND DESERT CLIMATE	24	129	29,109	131	2,566	1,001	3,698
21710AH	INTERIOR FOR COMMUNICATIONS-ELECTRONIC MAINTENANCE SHOP FACILITY 2000 SQ FT PRE-ENGINEERED METAL BUILDING TEMPERATE , FRIGID AND DESERT CLIMATE	11	24	8,666		1,268	313	1,581
21710AJ	COMMUNICATIONS-ELECTRONIC MAINTENANCE SHOP FACILITY 4000 SQ FT WOOD FRAME BUILDING 40 FT X 100 FT ONE STORY CONCRETE FLOOR 8 FT HIGH WOOD AND FELT CLADDING AND WOOD AND FELT ROOF WITH INTERIOR TEMPERATE AND DESERT CLIMATE	102	123	25,195	48	3,246	722	4,016
21710AK	INTERIOR FOR COMMUNICATIONS-ELECTRONIC MAINTENANCE SHOP FACILITY 4000 SQ FT WOOD FRAME BUILDING TEMPERATE , FRIGID AND DESERT CLIMATE	16	35	12,850		2,119	483	2,602
21710AL	COMMUNICATIONS-ELECTRONIC MAINTENANCE SHOP FACILITY 4000 SQ FT PRE-ENGINEERED METAL BUILDING 40 FT X 100 FT ONE STORY CONCRETE FLOOR CORRUGATED STEEL CLADDING AND ROOF WITH INTERIOR TEMPERATE , FRIGID AND DESERT CLIMATE	46	93	53,414	262	4,789	1,893	6,944
21710AM	INTERIOR FOR COMMUNICATIONS-ELECTRONIC MAINTENANCE SHOP FACILITY 4000 SQ FT PRE-ENGINEERED METAL BUILDING TEMPERATE , FRIGID AND DESERT CLIMATE	20	40	14,722		2,194	518	2,712
21710BH	COMMUNICATION-ELECTRONIC SHOP SLIDING DOOR,PAIRS WITH TRACK FOR OPENING. 8 FOOT WIDE BY 6FOOT-10INCH HIGH.	1	1	192		18	9	27
21710BM	COMMUNICATIONS-ELECTRONIC MAINTENANCE SHOP FACILITY 1152 SQ FT PANELIZED WOOD BUILDING 24 FT X 48 FT ONE STORY WOOD FLOOR WOOD PANEL CLADDING AND ROOF WITH INTERIOR DESERT AND TROPIC CLIMATE	36	45	24,863	9	1,557	1,170	2,736

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
21710BN	COMMUNICATIONS-ELECTRONIC MAINTENANCE SHOP FACILITY 2160 SQ FT PANELIZED WOOD BUILDING 36 FT X 60 FT ONE STORY WOOD FLOOR WOOD PANEL CLADDING AND ROOF WITH INTERIOR DESERT AND TROPIC CLIMATE	173	957	98,013	21	2,197	675	2,893
21710BP	COMMUNICATIONS-ELECTRONIC MAINTENANCE SHOP FACILITY 4800 SQ FT PANELIZED WOOD BUILDING 48 FT X 100 FT ONE STORY WOOD FLOOR WOOD PANEL CLADDING AND ROOF WITH INTERIOR DESERT AND TROPIC CLIMATE	217	951	121,963	29	3,942	1,225	5,196
21710CD	COMMUNICATIONS, ELECTRONIC SHOP, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 50 BY 8, DESERT/TROPIC CLIM	17	24	6,776	8	960	322	1,290
21710CE	COMMUNICATIONS, ELECTRONIC SHOP, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 40 BY 50 BY 8, DESERT/TROPIC CLIM	37	42	9,563	45	1,531	576	2,152
21710CF	COMMUNICATIONS, ELECTRONIC SHOP, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 40 BY 100 BY 8, DESERT/TROPIC CLIM	72	79	20,029	75	2,658	991	3,724
21720BC	SHOP, SIGNAL MAINTENANCE, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 40 BY 100 BY 12, DESERT/TROPIC CLIM	42	46	12,252	69	2,050	530	2,649
21810AA	PARACHUTE PACKING AND DRYING FACILITY 5200 SQ FT WOOD FRAME BUILDING 40 FT X 130 FT ONE STORY CONCRETE FLOOR 8 FT HIGH WOOD AND FELT CLADDING AND WOOD AND FELT ROOF WITH INTERIOR AND 400 SQ FT WOOD FRAME PARACHUTE DRYING TOWER AND 64 SQ FT WOOD FRAME BLOWER SHED, TEMPERATE AND DESERT CLIMATES	156	174	38,984	58	3,522	654	4,234
21810AD	PARACHUTE PACKING AND DRYING FACILITY 5200 SQ FT PRE-ENGINEERED METAL BUILDING 40 FT X 130 FT ONE STORY CONCRETE FLOOR CORRUGATED METAL CLADDING AND ROOF WITH INTERIOR AND 400 SQ FT WOOD FRAME PARACHUTE DRYING TOWER AND 64 SQ FT WOOD FRAME BLOWER SHED, TEMPERATE, FRIGID AND DESERT CLIMATES	84	136	78,421	359	5,672	2,266	8,297
21810AG	PARACHUTE PACKING AND DRYING FACILITY 4320 SQ FT PANELIZED WOOD BUILDING 36 FT X 120 FT ONE STORY CONCRETE FLOOR WOOD PANEL CLADDING AND ROOF WITH INTERIOR AND 400 SQ FT WOOD FRAME PARACHUTE DRYING TOWER AND 64 SQ FT WOOD FRAME BLOWER SHED, DESERT AND TROPIC CLIMATES	454	1,996	174,907	38	3,813	1,205	5,056

DESERT CLIMATE — CONSTRUCTION MATERIAL

FACILITY NUMBER	DESCRIPTION	WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
21810AH	INTERIOR FOR PARACHUTE PACKING AND DRYING FACILITY 5200 SQ FT WOOD FRAME AND PRE-ENGINEERED METAL BUILDINGS, TEMPERATE FRIGID AND DESERT CLIMATES	8	21	8,157		8	2	10
21810AK	PARACHUTE DRYING FACILITY WITH 400 SQ FT WOOD FRAME PARACHUTE DRYING TOWER BUILDING 42 FT 5 IN HIGH AND 64 SQ FT WOOD FRAME BLOWER SHED EACH WITH CONCRETE FOUNDATION AND WOOD FLOORS AND WOOD AND FELT CLADDING AND ROOFS WITH INTERIORS, TEMPERATE, FRIGID, DESERT AND TROPIC CLIMATES	42	45	15,827	2	2,130	394	2,526
21830AC	DRUM REPAIR & PUMP-COMPRESSOR BLDG, POL, 32X64, WOOD FRAME BLDG WITH METAL CLADDING, INTERIOR & VENTILATION, DESERT ZONE	37	64	78,668	58	1,841	323	2,222
21830AF	DRUM CLEANING BLDG, POL, 83X200, STEEL FRAME BLDG W/METAL CLADDING, INTERIOR & VENTILATION FOR DESERT ZONE	435	390	282,688	828	14,889	3,398	19,115
21850AA	INTERIOR FOR BATTERY CHARGE FACILITY 20X24	1	3	2,601		178		178
21850AB	BATTERY CHARGE FACILITY STL FRAME BLDG W/INTERIOR 20X24X8	4	9	6,858	25	450	150	625
21850AC	BATTERY CHARGE FACILITY WOOD FRAME BLDG W/INTERIOR 20X24X8	11	14	4,284	26	426	75	527
21850AD	BATTERY CHARGE FACILITY PANEL WOOD BLDG W/INTERIOR 20X24X8	179	103	8,995	6	473	256	735
21850BB	BATTERY CHARGE SHOP, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 24 BY 8, DESERT/TROPIC CLIM	3	4	2,643	6	239	48	293
21885AA	GENERAL PURPOSE MAINTENANCE SHOP FACILITY 600 SQ FT WOOD FRAME BUILDING 20 FT X 30 FT ONE STORY CONCRETE FLOOR 8 FT HIGH WOOD AND FELT CLADDING AND WOOD AND FELT ROOF WITH INTERIOR TEMPERATE AND DESERT CLIMATE	16	21	5,354	40	984	193	1,217
21885AB	INTERIOR FOR GENERAL PURPOSE MAINTENANCE SHOP FACILITY 600 SQ FT WOOD FRAME BUILDING TEMPERATE , FRIGID AND DESERT CLIMATE	1	4	2,751		411	91	502

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
21885AC	GENERAL PURPOSE MAINTENANCE SHOP FACILITY 600 SQ FT PRE-ENGINEERED METAL BUILDING 20 FT X 30 FT ONE STORY CONCRETE FLOOR CORRUGATED STEEL CLADDING AND ROOF WITH INTERIOR TEMPERATE , FRIGID AND DESERT CLIMATE	23	13	10,980	37	782	288	1,107
21885AD	INTERIOR FOR GENERAL PURPOSE MAINTENANCE SHOP FACILITY 600 SQ FT PRE-ENGINEERED METAL BUILDING TEMPERATE , FRIGID AND DESERT CLIMATE	2	5	3,174		427	98	525
21885AE	GENERAL PURPOSE MAINTENANCE SHOP FACILITY 1000 SQ FT WOOD FRAME BUILDING 20 FT X 50 FT ONE STORY CONCRETE FLOOR 8 FT HIGH WOOD AND FELT CLADDING AND WOOD AND FELT ROOF WITH INTERIOR TEMPERATE AND DESERT CLIMATE	24	32	7,606	52	1,379	271	1,702
21885AF	INTERIOR FOR GENERAL PURPOSE MAINTENANCE SHOP FACILITY 1000 SQ FT WOOD FRAME BUILDING TEMPERATE , FRIGID AND DESERT CLIMATE	1	5	3,547		529	118	647
21885AG	GENERAL PURPOSE MAINTENANCE SHOP FACILITY 1000 SQ FT PRE-ENGINEERED METAL BUILDING 20 FT X 50 FT ONE STTORY CONCRETE FLOOR CORRUGATED STEEL CLADDING AND ROOF WITH INTERIOR TEMPERATE , FRIGID AND DESERT CLIMATE.	9	20	16,248	71	1,255	500	1,826
21885AH	INTERIOR FOR GENERAL PURPOSE MAINTENANCE SHOP FACILITY 1000 SQ FT PRE-ENGINEERED METAL BUILDING TEMPERATE , FRIGID AND DESERT CLIMATE	2	7	4,075		549	128	677
21885AJ	GENERAL PURPOSE MAINTENANCE SHOP FACILITY 2000 SQ FT WOOD FRAME BUILDING 40 FT X 50 FT ONE STORY CONCRETE FLOOR 8 FT HIGH WOOD AND FELT CLADDING AND WOOD AND FELT ROOF WITH INTERIOR TEMPERATE AND DESERT CLIMATE	45	52	10,623	70	2,093	391	2,554
21885AK	INTERIOR FOR GENERAL PURPOSE MAINTENANCE SHOP FACILITY 2000 SQ FT WOOD FRAME BUILDING TEMPERATE , FRIGID AND DESERT CLIMATE	1	6	4,367		660	150	810
21885AL	GENERAL PURPOSE MAINTENANCE SHOP FACILITY 2000 SQ FT PRE-ENGINEERED METAL BUILDING 40 FT X 50 FT ONE STORY CONCRETE FLOOR CORRUGATED STEEL CLADDING AND ROOF WITH INTERIOR TEMPERATE , FRIGID AND DESERT CLIMATE.	16	114	25,550	131	1,985	850	2,966

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
21885AM	INTERIOR FOR GENERAL PURPOSE MAINTENANCE SHOP FACILITY 2000 SQ FT PRE-ENGINEERED METAL BUILDING TEMPERATE , FRIGID AND DESERT CLIMATE.	3	9	5,107		688	162	850
21885AN	GENERAL PURPOSE MAINTENANCE SHOP FACILITY 4000 SQ FT WOOD FRAME BUILDING 40 FT X 100 FT ONE STORY CONCRETE FLOOR 8 FT HIGH WOOD AND FELT CLADDING AND WOOD AND FELT ROOF WITH INTERIOR TEMPERATE AND DESERT CLIMATE	87	99	19,731	108	3,881	705	4,694
21885AP	INTERIOR FOR GENERAL PURPOSE MAINTENANCE SHOP FACILITY 4000 SQ FT WOOD FRAME BUILDING TEMPERATE , FRIGID AND DESERT CLIMATE	3	13	7,770		1,213	273	1,486
21885AR	GENERAL PURPOSE MAINTENANCE SHOP FACILITY 4000 SQ FT PRE-ENGINEERED METAL BUILDING 40 FT X 100 FT ONE STORY CONCRETE FLOOR CORRUGATED STEEL CLADDING AND ROOF WITH INTERIOR TEMPERATE , FRIGID AND DESERT CLIMATE.	32	70	47,942	262	3,863	1,673	5,798
21885AT	INTERIOR FOR GENERAL PURPOSE MAINTENANCE SHOP FACILITY 4000 SQ FT PRE-ENGINEERED METAL BUILDING TEMPERATE , FRIGID AND DESERT CLIMATE	8	17	9,250		1,268	298	1,566
21885CC	GENERAL PURPOSE MAINTENANCE SHOP FACILITY 2160SQ FT PANELIZED WOOD BUILDING 36 FT X 60 FT ONE STORY WOOD FLOOR WOOD PANEL CLADDING AND ROOF WITH INTERIOR DESERT AND TROPIC CLIMATE	164	942	94,319	94	837	94	1,025
21885DA	OPTICAL FABRICATING SHOP;WOOD FRAME CONSTRUCTION;BASIC BUILDING 30FT X 60FT;WOOD AND ASPH ROOFING;PLYWOOD SIDING 4IN CONC FLOOR;TEMP CLIM	78	106	18,452				
21885DB	OPTICAL FABRICATING SHOP;WOOD FRAME CONSTRUCTION;BASIC BUILDING 30FT X 60FT;WOOD AND ASPH ROOFING;PLYWOOD SIDING 4IN CONC FLOOR;TROP CLIMATE	64	74	17,750				
21885DC	OPTICAL FABRICATING SHOP;WOOD FRAME CONSTRUCTION;BASIC BUILDING 30FT X 60FT;WOOD AND ASPH ROOFING;PLYWOOD SIDING 4IN CONC FLOOR;DES CLIMATE	64	74	17,750				

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
21885DD	OPTICAL FABRICATING SHOP;WOOD FRAME CONSTRUCTION;BASIC BUILDING 30FT X 60FT;WOOD AND ASPH ROOFING;PLYWOOD SIDING 4IN CONC FLOOR;FRIG CLIMATE	78	106	18,452				
21885DE	OPTICAL FABFICATING SHOP;METAL FRAME;TYPE IV;30FT X 60FT; 8FT CLEARANCE;TEMP	37	55	28,247				
21885DF	OPTICAL FABFICATING SHOP;METAL FRAME;TYPE IV;30FT X 60FT; 8FT CLEARANCE;TROP	36	53	27,723				
21885DG	OPTICAL FABFICATING SHOP;METAL FRAME;TYPE IV;30FT X 60FT; 8FT CLEARANCE;DES	37	55	28,247				
21885DH	OPTICAL FABFICATING SHOP;METAL FRAME;TYPE IV;30FT X 60FT; 8FT CLEARANCE;FRIG	37	55	28,247				
21885DJ	MEDICAL MAINTENANCE BUILDING;WOOD FRAME CONSTRUCTION;BASIC BUILDING 40FT X80FT;WOOD ROOF AND ASPH ROOFING;CONCRETE FOOTING;6IN CONC FLOOR;8FT MIN CLEARANCE;TEMPERATE	100	117	24,816				
21885DK	MEDICAL MAINTENANCE BUILDING;WOOD FRAME CONSTRUCTION;BASIC BUILDING 40FT X80FT;WOOD ROOF AND ASPH ROOFING;CONCRETE FOOTING;6IN CONC FLOOR;8FT MIN CLEARANCE TROPIC	103	122	26,622				
21885DL	MEDICAL MAINTENANCE BUILDING;WOOD FRAME CONSTRUCTION;BASIC BUILDING 40FT X80FT;WOOD ROOF AND ASPH ROOFING;CONCRETE FOOTING;6IN CONC FLOOR;8FT MIN CLEARANCE;DESERT	193	220	42,452				
21885DM	MEDICAL MAINTENANCE BUILDING;WOOD FRAME CONSTRUCTION;BASIC BUILDING 40FT X80FT;WOOD ROOF AND ASPH ROOFING;CONCRETE FOOTING;6IN CONC FLOOR;8FT MIN CLEARANCE;FRIGID	105	129	27,256				
21885DN	MEDICAL MAINTENANCE BUILDING;METAL FRAME;TYPE IV; 40FT X 80FT;6IN CONC FLOOR;8FT CLEARANCE;TEMP/DES	64	101	53,563				
21885DP	MEDICAL MAINTENANCE BUILDING;METAL FRAME;TYPE IV; 40FT X 80FT;6IN CONC FLOOR;8FT CLEARANCE;TROP/FRIG	72	117	56,951				

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	CONSTRUCTION MATERIAL COST $	CONST EFFORT IN MAN-HOURS MOR	VERT	GENL	TOT
21910AA	FACILITY ENGINEER MAINTENANCE SHOP FACILITY 2000 SQ FT WOOD FRAME BUILDING 40 FT X 50 FT ONE STORY CONCRETE FLOOR 8 FT HIGH WOOD AND FELT CLADDING AND WOOD AND FELT ROOF WITH INTERIOR TEMPERATE AND DESERT CLIMATE	53	64	13,922	70	3,137	553	3,760
21910AB	INTERIOR FOR FACILITY ENGINEER MAINTENANCE SHOP FACILITY 2000 SQ FT WOOD FRAME BUILDING TEMPERATE , FRIGID AND DESERT CLIMATE	11	20	8,050		1,741	330	2,071
21910AC	FACILITY ENGINEER MAINTENANCE SHOP FACILITY 2000 SQ FT PRE-ENGINEERED METAL BUILDING 40 FT X 50 FT ONE STORY CONCRETE FLOOR CORRUGATED STEEL CLADDING AND ROOF WITH INTERIOR TEMPERATE , FRIGID AND DESERT CLIMATE	28	130	30,382	136	3,104	1,049	4,289
21910AD	INTERIOR FOR FACILITY ENGINEER MAINTENANCE SHOP FACILITY 2000 SQ FT PRE-ENGINEERED METAL BUILDING TEMPERATE ,FRIGID AND DESERT CLIMATE	15	25	9,939		1,807	361	2,168
21910AL	FACILITY ENGINEER MAINTENANCE SHOP FACILITY 2160 SQ FT PANELIZED WOOD BUILDING 36 FT X 60 FT ONE STORY CONCRETE FLOOR WOOD PANEL CLADDING AND ROOF WITH INTERIOR DESERT AND TROPIC CLIMATE	173	955	98,177	46	3,161	720	3,927
21910AM	FACILITY ENGINEER MAINTENANCE SHOP FACILITY 4000 SQ FT WOOD FRAME BUILDING 40 FT X 100 FT ONE STORY CONCRETE FLOOR 8 FT HIGH WOOD AND FELT CLADDING AND WOOD AND FELT ROOF WITH INTERIOR TEMPERATE AND DESERT CLIMATE	121	150	31,678	108	6,095	1,102	7,305
21910AN	INTERIOR FOR FACILITY ENGINEER MAINTENANCE SHOP FACILITY 4000 SQ FT WOOD FRAME BUILDING TEMPERATE , FRIGID AND DESERT CLIMATE	39	66	20,101		3,464	688	4,152
21910AP	FACILITY ENGINEER MAINTENANCE SHOP FACILITY 4000 SQ FT PRE-ENGINEERED METAL BUILDING 40 FT X 100 FT ONE STORY CONCRETE FLOOR CORRUGATED STEEL CLADDING AND ROOF WITH INTERIOR TEMPERATE, FRIGID AND DESERT CLIMATE	73	131	62,916	262	6,211	2,134	8,607

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
21910AR	INTERIOR FOR FACILITY ENGINEER MAINTENANCE SHOP FACILITY 4000 SQ FT PRE-ENGINEERED METAL BUILDING TEMPERATE, FRIGID AND DESERT CLIMATE	47	78	24,224		3,617	759	4,376
21910BB	FACILITY ENGINEER MAINTENANCE SHOP FACILITY 4800 SQ FT PANELIZED WOOD BUILDING 48 FT X 100 FT ONE STORY CONCRETE FLOOR 12 FT HIGH WOOD PANEL CLADDING AND WOOD PANEL ROOF WITH INTERIOR DESERT AND TROPIC CLIMATE	236	978	128,446	87	6,653	1,478	8,218
21910BC	FACILITY ENGINEER MAINTENANCE SHOP FACILITY 6144 SQ FT WOOD FRAME BUILDING 48 FT X 128 FT ONE STORY CONCRETE FLOOR 13 FT 9 IN HIGH WOOD AND FELT CLADDING AND WOOD AND FELT ROOF WITH INTERIOR TEMPERATE AND DESERT CLIMATE	194	224	43,665	175	7,423	1,459	9,057
21910BD	INTERIOR FOR FACILITY ENGINEER MAINTENANCE SHOP FACILITY 6144 SQ FT WOOD FRAME BUILDING TEMPERATE, FRIGID AND DESERT CLIMATE	40	69	26,320		2,962	675	3,637
21910BJ	FACILITY ENGINEER MAINTENANCE SHOP FACILITY 6000 SQ FT PANELIZED WOOD BUILDING 60 FT X 100 FT ONE STORY CONCRETE FLOOR 12 FT HIGH WOOD PANEL CLADDING AND WOOD PANEL ROOF WITH INTERIOR DESERT AND TROPIC CLIMATE	365	1,236	124,770	161	11,011	2,747	13,919
21910BK	FACILITY ENGINEER MAINTENANCE SHOP FACILITY 6000 SQ FT PRE-ENGINEERED METAL BUILDING 60 FT X 100 FT ONE STORY CONCRETE FLOOR CORRUGATED STEEL CLADDING AND ROOF WITH INTERIOR TEMPERATE, FRIGID AND DESERT CLIMATE	79	256	51,508	419	6,969	2,796	10,184
22890BB	LABORATORY, MOTION PICTURE, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 40 BY 100 BY 14, DESERT/TROPIC CLIM	47	55	22,373	75	4,745	521	5,341
22892AA	SAW HORSE TO BE USED IN THE FABRICATION OF PANELIZED WOOD BUILDING SUB-ASSEMBLIES			29			2	2

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
22892AB	FABRICATION JIG FOR WOOD FLOOR PANELS.USED IN THE PANELIZED WOOD BUILDING SUB-FACILITY ASSEMBLY INSTALLATION.	1	1	163		18		18
22892AC	FABRICATION JIG FOR WALL PANELS 6FT.AND 8FT.HIGH.USED IN THE PANELIZED WOOD BUILDING SUB-FACILITY ASSEMBLY INSTALLATION.		1	144		16		16
22892AD	FABRICATION JIG FOR WALL PANELS 12 FEET HIGH.USED IN THE PANELIZED WOOD BUILDING SUB-FACILITY ASSEMBLY INSTALLATION.	1	1	160		18		18
22892AE	FABRICATION JIG FOR 24 FOOT TRUSSES.USED IN THE PANELIZED WOOD BUILDING SUB-FACILITY ASSEMBLY INSTALLATION.	1	2	374		41		41
22892AF	FABRICATION JIG FOR 30 FOOT TRUSSES.USED IN THE PANELIZED WOOD BUILDING SUB FACILITY ASSEMBLY INSTALLATION.	2	3	541		46		46
22892AG	FABRICATION JIG FOR 36 FOOT TRUSSES.USED IN THE PANELIZED WOOD BUILDING SUB-FACILITY ASSEMBLY INSTALLATION.	2	3	499		44		44
22892AH	FABRICATION JIG FOR ROOF PANELS,USED IN THE PANELIZED WOOD BUILDING SUB-FACILITY ASSEMBLY INSTALLATION.	1	1	198		23		23
22892AJ	FABRICATION JIG FOR BOX BEAMS. USED IN THE PANELIZED WOOD BUILDING SUB-FACILITY ASSEMBLY INSTALLATION.	1	1	326		14		14
22901AA	AGGREGATE PRODUCTION, 1000CU YD, 150 TON PER HOUR PLANT AND 50 PERCENT EFFICIENCY		1	361	207	437	345	989
22901AB	HOT MIX ASPHALT PRODUCTION 100 TON PER HOUR PLANT-1000 CY	577	793	29,226	506	437	414	1,357
22901AC	AGGREGATE PRODUCTION 50 TON PER HOUR PLANT 50 PERCENT EFFICIENCY 100 CU YD			56	151		63	214
22990AA	INTERIOR FOR CARPENTER SHOP, PRECUT STANDARD WORK, 40 X 100 100	6	9	4,758		794	276	1,070
22990AB	INTERIOR FOR CARPENTER SHOP, PANEL TYPE WORK , 40 X 120	6	9	4,751		863	253	1,116

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
22990AC	CARPENTER SHOP FOR PRECUT STANDARD WORK, WOOD FRAME BLDG W/ INTERIOR, 48X96X14, TEMP CLIM	122	126	17,817	51	1,969	534	2,554
22990AD	CARPENTER SHOP FOR PANEL TYPE WORK,WOOD FRAME BLDG W/INTERI OR,48X128X14,TEMP CLIMATE	160	164	22,096	64	2,431	612	3,107
22990BC	CARPENTER SHOP FOR PRECUT STANDARD WORK, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 40 BY 100 BY 14, DESERT/TROPIC CLIM	31	74	17,442	72	1,041	587	1,700
22990BD	CARPENTER SHOP FOR PANEL TYPE WORK, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 40 BY 120 BY 14, DESERT/TROPIC CLIM	25	19	5,154	85	1,156	619	1,860
41180AA	TANK, POL, 100 BARREL, W/4 IN PIPE & FITTINGS TO TANK BERM & BERM DRAIN ASSEMBLY	3	16	5,628	29	86	35	150
41180AB	TANK, POL, 250 BARREL, W/4 IN PIPE & FITTINGS TO TANK BERM & BERM DRAIN ASSEMBLY	5	10	5,202	29	115	52	196
41180AC	TANK, POL, 500 BARREL, W/4 IN PIPE & FITTINGS TO TANK BERM & BERM DRAIN ASSEMBLY	1	7	6,442	52	207	86	345
41180AD	TANK, POL, 500 BARREL, W/6 IN PIPE & FITTINGS TO TANK BERM & BERM DRAIN ASSEMBLY	2	8	5,865	52	207	86	345
41180AE	TANK, POL, 1000 BARREL, W/4-INCH PIPE AND FITTINGS TO TANK BERM & BERM DRAIN ASSEMBLY.	1	13	9,258	92	368	150	610
41180AF	TANK, POL, 1000 BARREL, W/6 IN PIPE & FITTINGS TO TANK BER M & BERM DRAIN ASSEMBLY	1	14	8,663	92	357	173	622
41180AG	TANK, POL, 3000 BARREL, W/6 IN PIPE & FITTINGS TO TANK BER M & BERM DRAIN ASSEMBLY	2	32	12,538	104	357	242	703
41180AH	TANK, POL, 3000 BARREL, W/8 IN PIPE & FITTINGS TO TANK BER M & BERM DRAIN ASSEMBLY	2	32	12,044	104	357	253	714

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
41180AJ	TANK, POL, 10000 BARREL, W/6 IN PIPE & FITTINGS TO TANK BERM & BERM DRAIN ASSEMBLY	2	40	20,746	161	978	483	1,622
41180AK	TANK, POL, 10000 BARREL, W/8 IN PIPE & FITTINGS TO TANK BERM & BERM DRAIN ASSEMBLY	3	40	20,115	161	978	495	1,634
41180AL	TANK, POL, 10000 BARREL, W/12 IN PIPE & FITTINGS TO TANK BERM & BERM DRAIN ASSEMBLY	3	41	28,384	167	978	500	1,645
41180AM	TANK, POL, 50000 BARREL, W/8 IN PIPE & FITTINGS TO TANK BERM & BERM DRAIN ASSEMBLY	4	193	52,847	345	5,095	2,300	7,740
41180AN	TANK, POL, 50000 BARREL, W/12 IN PIPE & FITTINGS TO TANK BERM & BERM DRAIN ASSEMBLY	4	193	60,922	345	5,106	2,300	7,751
42283AA	MAGAZINE, STEEL ARCH 16X18	15	31	4,280	89	127	115	331
42283AB	MAGAZINE, STEEL ARCH 16X24	16	32	4,354	115	166	153	434
42283AC	MAGAZINE, STEEL ARCH 16X36	14	31	4,453	170	179	173	522
42283AD	MAGAZINE, STEEL ARCH 25X32	27	44	3,355	213	207	253	673
42283AE	MAGAZINE, STEEL ARCH 25X40	31	46	3,473	271	230	316	817
42283AF	MAGAZINE, STEEL ARCH 25X48	34	48	3,427	324	253	380	957
43190AA	REFRIGERATOR 8.6 CF. THIS FACILITY SATISFIES A REQUIREMENT OF MILITARY PLANNERS AND THERE ARE NO DRAWINGS IN TM5-302. DATA SUPPLIED BY DAEN-SG IN DEC 1977.					1	3	4
43190AB	REFRIGERATOR 12.5 CF. THIS FACILITY SATISFIES A REQUIREMENT OF MILITARY PLANNERS AND THERE ARE NO DRAWINGS IN TM5-302. DATA SUPPLIED BY DAEN-SG IN DEC 1977.		1	140		1	3	4
43190AC	REFRIGERATOR 20 CF. THIS FACILITY SATISFIES A REQUIREMENT OF MILITARY PLANNERS AND THERE ARE NO DRAWINGS IN TM5-302. DATA SUPPLIED BY DAEN-SG IN DEC 1977.		2	1,123		5	12	17

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	SENL	TOT
43190AD	REFRIGERATOR 65 CF. THIS FACILITY SATISFIES A REQUIREMENT OF MILITARY PLANNERS AND THERE ARE NO DRAWINGS IN TM5-302. DATA SUPPLIED BY DAEN-SG IN DEC 1977.		3	1,432		5	17	22
43191AA	REFRIGERATOR W/O UNIT 600 CF. THIS FACILITY SATISFIES A REQUIREMENT OF MILITARY PLANNERS AND THERE ARE NO DRAWINGS IN TM5-302. DATA SUPPLIED BY DAEN-SG IN DEC 1977.	2	11	9,913		41	28	69
43191AB	REFRIGERATOR W/O UNIT 1,200 CF. THIS FACILITY SATISFIES A REQUIREMENT OF MILITARY PLANNERS AND THERE ARE NO DRAWINGS IN TM5-302. DATA SUPPLIED BY DAEN-SG IN DEC 1977.	2	21	10,656		69	55	124
43191AC	REFRIGERATOR W/O UNIT 1,800 CF. THIS FACILITY SATISFIES A REQUIREMENT OF MILITARY PLANNERS AND THERE ARE NO DRAWINGS IN TM5-302. DATA SUPPLIED BY DAEN-SG IN DEC 1977.	4	25	13,140		69	69	138
43191AD	REFRIGERATOR W/O UNIT 4,000 CF. THIS FACILITY SATISFIES A REQUIREMENT OF MILITARY PLANNERS AND THERE ARE NO DRAWINGS IN TM5-302. DATA SUPPLIED BY DAEN-SG IN DEC 1977.		60	49,714		110	83	193
43192AA	REFRIGERATOR UNIT MECHANISM. THIS FACILITY SATISFIES A REQUIREMENT OF MILITARY PLANNERS AND THERE ARE NO DRAWINGS IN TM5-302. DATA SUPPLIED BY DAEN-SG IN DEC 1977.	1	4	5,046		69	46	115
44110AA	INTERIOR FOR STOREHOUSE, 20 X 50		1	1,030		92		92
44110AB	INTERIOR FOR STOREHOUSE, 20 X 100	1	2	1,712		179		179
44110AC	INTERIOR FOR WAREHOUSE, CLOSED, 40 X 100		3	1,408		46		46
44110AD	INTERIOR FOR WAREHOUSE, CLOSED, 80 X 220	2	11	5,497		538		538
44110AE	INTERIOR FOR STOREHOUSE, 20 X 20			260		69		69
44110AF	INTERIOR FOR STOREHOUSE, 20 X 30			260		76		76
44110AL	STOREHOUSE,STL FRAME BLDG W/INTERIOR,20X50X8,	10	56	11,736	31	370	190	591

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
44110AM	STOREHOUSE,STL FRAME BLDG W/INTERIOR,20X100X8,	20	107	21,350	61	706	374	1,141
44110AN	WAREHOUSE,CLOSED,STL FRAME BLDG W/INTERIOR, 40X100X12	53	229	37,328	90	835	531	1,456
44110AP	WAREHOUSE,CLOSED,STL FRAME BLDG W/INTERIOR, 80 X 220 X 12	231	350	151,045	342	3,338	2,144	5,824
44110AR	STOREHOUSE,STL FRAME BLDG W/INTERIOR,20X20X8	4	7	4,539	12	199	79	290
44110AT	STOREHOUSE,STL FRAME BLDG W/INTERIOR,20X30X8,	5	10	6,172	18	254	115	387
44110BA	STOREHOUSE,WOOD FRAME BLDG W/INTERIOR,20X50X8,	22	27	4,897	37	530	156	723
44110BB	STOREHOUSE,WOOD FRAME BLDG W/INTERIOR,20X100X8,	43	53	9,219	52	930	260	1,242
44110BC	WAREHOUSE,CLOSED,WOOD FRAME BLDG W/INTERIOR, 48X96X14	116	120	14,467	81	1,743	645	2,469
44110BD	WAREHOUSE,CLOSED,WOOD FRAME BLDG W/INTERIOR, 80 X 224 X 14	415	412	46,788	228	6,297	2,410	8,935
44110BE	STOREHOUSE,WOOD FRAME BLDG W/INTERIOR,20X20X8,	10	11	1,943	26	301	61	388
44110CF	STOREHOUSE, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 20 BY 8, DESERT/TROPIC CLIM	3	2	324	5	125	47	177
44110CG	STOREHOUSE, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 30 BY 8, DESERT/TROPIC CLIM	4	3	356	7	154	71	232
44110CH	STOREHOUSE, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 50 BY 8, DESERT/TROPIC CLIM	4	3	1,114	9	200	64	273
44110CJ	STOREHOUSE, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 100 BY 8, DESERT/TROPIC CLIM	9	6	1,880	16	381	162	559
44110CK	WAREHOUSE, CLOSED, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 40 BY 100 BY 14, DESERT/TROPIC CLIM	44	35	7,900	81	574	505	1,160

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
44220AC	WAREHOUSE,GENERAL USE,WOOD FRAME CONSTRUCTION,BASIC BUILDING,80FT X 240FT,CORRUGATED STEEL ROOF, CONCRETE FOOTINGS,6IN CONCRETE FLOOR,13FT 9IN MIN CLEARANCE DESERT CLIMATE	479	529	103,247	581	3,180	212	3,973
44220AE	WAREHOUSE,GENERAL USE,METAL FRAME TYPE II,80FT X 240FT,6IN CONCRETE FLOOR,12FT CEILING HGT-16FT EAVE HGT, 18 5FTX4FT COM PROJ WINDOWS, 7 2-3FTX7FT PERS DOORS,7 10FTX12FT SINGLE SLIDE DOORS, CONT RIDGE ROOF VENT PRE-ENGINEERED METAL BLDG TEMPERATE CLIMATE	259	386	215,804	209	2,016	209	2,434
44220AL	WAREHOUSE,SPECIAL USE,WOOD FRAME CONSTRUCTION,BASIC BUILDING 80FT BY 240FT,WOOD ROOF + ASPHALT ROOFING,CONCRETE FOOTINGS,6IN CONCRETE FLOOR,13FT 9IN MIN CLEARANCE DESERT CLIMATE	483	534	103,025	628	3,735	212	4,575
44220AP	WAREHOUSE SPECIAL USE,METAL FRAME TYPE II, 80FT X 240FT,6IN CONCRETE FLOOR,12FT CEILING HGT-16FT EAVE HGT, 18 5FTX4FT COM PROJ WINDOWS,7 2-3FTX7FT PERS DOORS,7 10FTX12FT SINGLE SLIDE DOORS,CONT RIDGE ROOF VENT PRE-ENGINEERED METAL BLDG TROPICAL-DESERT CLIMATES	262	428	212,757	225	3,158	304	3,687
44222AC	SHED STORAGE,WOOD FRAME CONSTRUCTION,BASIC BUILDING 20FT X 100FT,WOOD ROOF + ASPHALT ROOFING,CONCRETE FOOTINGS, 6IN CONCRETE FLOOR,8FT MIN CLEARANCE DESERT CLIMATE	55	69	15,375	86	590	86	762
44240AB	ACID-FLAMMABLE STORAGE BUILDING,WOOD FRAME CONSTRUCTION, WOOD ROOF,ASPH ROOFING,PLYWOOD SIDING,BASIC BUILDING 20X90 ONE STORY,CONCRETE FLOOR TROPIC-DESERT CLIMATES	48	57	10,362	120	704	120	944
44240AE	ACID-FLAMMABLE STORAGE BUILDING,METAL FRAME TYPE IV,30FT X 60FT,4IN CONCRETE FLOOR,8FT CEILING HEIGHT,10FT EAVE HGT, 4 2-3FTX7FT PERS DOORS,ROUND ROOF VENT W/POWER FAN TROPICAL-DESERT CLIMATES	17	29	16,709	25	470	25	520

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
44270HJ	SUPPLY STOREHOUSE, BUILDING NUMBER 3, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 30 BY 70 BY 8, FOR 500 AND 1000 BED HOSPITALS, DESERT/TROPIC CLIM	9	11	3,914	38	773	227	1,038
44270HK	SUPPLY STOREHOUSE BUILDING NUMBER 1, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 30 BY 90 BY 8, FOR 500 TO 1000 BED HOSPITAL, DESERT/TROPIC CLIM	20	24	6,658	45	1,363	258	1,666
44270HL	SUPPLY STOREHOUSE BUILDING NUMBER 4, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 30 BY 100 BY 8 FOR 750 BED HOSPITAL, DESERT/TROPIC CLIM	13	16	5,159	47	798	276	1,121
44270HM	SUPPLY STOREHOUSE BUILDING NUMBER 2, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 30 BY 110 BY 8, FOR 300 BED HOSPITAL, DESERT/TROPIC CLIM	21	27	7,699	53	1,427	309	1,789
44270HN	LINEN EXCHANGE AND SUPPLY BUILDING NUMBER 2, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 30 BY 90 BY 8, FOR 100 BED HOSPITAL, DESERT/TROPIC CLIM	26	34	9,993	45	1,363	258	1,666
44270HP	LINEN EXCHANGE AND SUPPLY BUILDING NUMBER 1, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 30 BY 110 BY 8, FOR 200 BED HOSPITAL, DESERT/TROPIC CLIM	29	39	11,071	53	1,427	309	1,789
44270HR	LINEN EXCHANGE BUILDING NUMBER 2, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 30 BY 40 BY 8, FOR 300 AND 500 BED HOSPITALS, DESERT/TROPIC CLIM	15	20	6,830	23	1,502	182	1,707
44270HT	LINEN EXCHANGE BUILDING NUMBER 1, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 30 BY 50 BY 8, FOR 750 AND 1000 BED HOSPITAL, DESERT/TROPIC CLIM	17	33	11,240	30	1,640	174	1,844
51010NB	CENTRALIZED MATERIAL SECTION BUILDING NUMBER 2, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 40 BY 100 BY 8, FOR 300 AND 500 BED HOSPITALS, DESERT/TROPIC CLIM	41	55	20,310	70	3,859	378	4,307
51010NL	ADMISSION AND DISPOSITION BUILDING NUMBER 3, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 40 BY 90 BY 8, FOR 500 BED HOSPITAL, DESERT/TROPIC CLIM	28	33	9,198	67	1,947	297	2,311

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
51010NM	ADMISSION AND DISPOSITION BUILDING NUMBER 2, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 40 BY 110 BY 8, FOR 750 BED HOSPITAL, DESERT/TROPIC CLIM	33	57	10,459	78	2,109	353	2,540
51010NN	ADMISSION AND DISPOSITION BUILDING NUMBER 1, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 40 BY 120 BY 8, FOR 1000 BED HOSPITAL, DESERT/TROPIC CLIM	36	36	8,491	81	2,320	370	2,771
51010NP	ADMISSION AND DISPOSITION BUILDING NUMBER 3, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 40 BY 90 BY 8, FOR 500 BED HOSPITAL, DESERT/TROPIC CLIM	27	34	8,901	67	1,843	297	2,207
51010NR	ADMISSION AND DISPOSITION BUILDING NUMBER 2, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 40 BY 110 BY 8, FOR 750 BED HOSPITAL, DESERT/TROPIC CLIM	32	36	9,296	78	1,914	353	2,345
51010NT	ADMISSION AND DISPOSITION BUILDING NUMBER 1, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 40 BY 120 BY 8, FOR 1000 BED HOSPITAL, DESERT/TROPIC CLIM	36	43	10,782	82	1,885	374	2,341
51010NU	ADMISSION AND DISPOSITION BUILDING NUMBER 4, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 30 BY 90 BY 8, FOR 200 AND 300 BED HOSPITAL, DESERT/TROPIC CLIM	21	25	8,112	45	2,501	258	2,804
51020AC	CLINIC OPD/ER ADMISSION TYPE IV 60 FT WIDE BUILDING 140 FT LONG 8400 SQ FT; TROP/DES THE THEATER CONVERSION HOSPITAL COMPLEX.	438	1,299	127,170	787	4,899	4,777	10,463
53010AA	PREVENTIVE MEDICAL FACILITY, ENTOMOLOGY, FOR TOE 8-620H, PANELIZED WOOD BLDG 48 FT WIDE X 80 FT LONG, DESERT/ TROPICAL.	216	950	93,580				
53010AB	PREVENTIVE MEDICAL FACILITY, ENTOMOLOGY, FOR TOE 8-620H, PANELIZED WOOD BLDG 48 FT WIDE X 80 FT LONG, TEMPERATE/ FRIGID.	1,232	1,433	112,202				
53010AC	PREVENTIVE MEDICAL FACILITY, ENTOMOLOGY, FOR TOE 8-620H, PRE-ENGINEERED METAL BLDG 50 FT WIDE X 80 FT LONG, DESERT/TROPICAL.	60	120	50,458				

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
53010AD	PREVENTIVE MEDICAL FACILITY, ENTOMOLOGY, FOR TOE 8-620H, PRE-ENGINEERED METAL BLDG 50 FT WIDE X 80 FT LONG, TEMPERATE/FRIGID.	62	123	63,423				
53010AE	INTERIOR FOR PREVENTIVE MEDICAL FACILITY, ENTOMOLOGY, 48 FT WIDE X 80 FT LONG.	8	52	13,671				
53010BA	PREVENTIVE MEDICAL FACILITY FOR ENVIRONMENTAL SANITATION AND ENGINEERING SERVICE, EPIDEMIOLOGY SERVICE, AND ENTOMOLOGY LAB, FOR TOE 8-620H, PANELIZED WOOD BLDG AND PRE-ENGINEERED METAL BLDG 24 FT WIDE X 36 FT LONG, DESERT/TROPICAL.	31	68	35,102				
53020BC	RADIOLOGY LAB/PHARMACY FOR TROPIC-DESERT CLIMATIC ZONES 120 FT LONG 7200 SQ FT; DESERT/TROPICAL CONVERSION HOSPITAL COMPLEX.	366	1,207	104,318	945	6,147	5,402	12,494
53020CA	INTERIOR FOR X-RAY BLDG NO. 2;40X80 FOR 500-750 BED HOSPITAL	23	24	13,702		2,300		2,300
53040AA	VETERINARY FACILITY, FOR TOE 8-680H8, PANELIZED WOOD BLDG 24 FT WIDE X 60 FT LONG, TEMPERATE/FRIGID.	88	124	51,222				
53040AB	VETERINARY FACILITY, FOR TOE 8-680H8, PANELIZED WOOD BLDG 24FT WIDE X 60 FT LONG, DESERT/TROPICAL.	693	403	50,915				
53040AC	VETERINARY FACILITY, FOR TOE 8-680H8, PRE-ENGINEERED METAL BLDG 20 FT WIDE X 60 FT LONG, TEMPERATE/FRIGID.	38	87	55,708				
53040AD	VETERINARY FACILITY, FOR TOE 8-680H8, PRE-ENGINEERED METAL BLDG 20 FT WIDE X 60 FT LONG, DESERT/TROPICAL.	38	85	51,600				
53040AE	INTERIOR FOR VETERINARY FACILITY, 24 FT WIDE X 60 FT LONG.	29	65	37,449				
53040BA	VETERINARY FACILITY FOR ANIMAL DISPENSARY, FOR TOE 8-680H8, PANELIZED WOOD BLDG 60 FT WIDE X 80 FT LONG, DESERT/ TROPICAL.	342	1,354	259,739				

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
53040BB	VETERINARY FACILITY FOR ANIMAL DISPENSARY, FOR TOE 8-680H8, PANELIZED WOOD BLDG 60 FT WIDE X 80 FT LONG, TEMPERATE/ FRIGID.	1,779	2,018	257,180				
53040BC	VETERINARY FACILITY FOR ANIMAL DISPENSARY, FOR TOE 8-680H8,, PRE-ENGINEERED METAL BLDG 60 FT WIDE X 80 FT LONG, DESERT/ TROPICAL.	97	282	200,577				
53040BD	VETERINARY FACILITY FOR ANIMAL DISPENSARY, FOR TOE 8-680H8, PRE-ENGINEERED METAL BLDG 60 FT WIDE X 80 FT LONG, TEMPERATE/FRIGID.	97	279	189,887				
53040BE	INTERIOR FOR VETERINARY FACILITY FOR ANIMAL DISPENSERY, 60 FT WIDE X 80 FT LONG.	46	208	150,193				
53040CA	VETERINARY FACILITY FOR SMALL ANIMAL HOSPITAL, FOR TOE 8-680H8, PANELIZED WOOD BLDG 48 FT WIDE X 80 FT LONG, AND PEN AREA OF 36 FT WIDE X 80 FT LONG, DESERT/TROPICAL.	630	2,583	365,406				
53040CB	VETERINARY FACILITY FOR SMALL ANIMAL HOSPITAL, FOR TOE 8-680H8, PANELIZED WOOD BLDG 48 FT WIDE X 80 FT LONG, AND PEN AREA OF 36 FT WIDE X 80 FT LONG, TEMPERATE/FRIGID.	2,377	3,402	362,648				
53040CC	VETERINARY FACILITY FOR SMALL ANIMAL HOSPITAL, FOR TOE 8-680H8, PRE-ENGINEERED METAL BLDG 50 FT WIDE X 80 FT LONG, AND PEN AREA OF 40 FT WIDE X 80 FT LONG,DESERT/ TROPICAL.	208	481	247,555				
53040CD	VETERINARY FACILITY FOR SMALL ANIMAL HOSPITAL, FOR TOE 8-680H8, PRE-ENGINEERED METAL BLDG 50FT WIDE X 80 FT LONG, AND PEN AREA OF 40 FT WIDE X 80 FT LONG, TEMPERATE/ FRIGID.	208	478	234,736				
53040CE	INTERIOR FOR VETERINARY FACILITY FOR SMALL ANIMAL HOSPITAL, 48 FT WIDE X 80 FT LONG AND PEN AREA OF 36FT WIDE X 80 FT LONG.	133	360	163,611				

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
55009EA	EXTERIOR CONSTRUCTION TYPE ELEVATOR WITH CONCRETE PIT AND WOOD LANDINGS-ALL CLIMATIC ZONES-TEMPORARY STANDARD OF CONSTRUCTION	28	20	91,961	70	302		372
55010AC	DISPENSARY-FIRST AID FACILITY TROPIC/DESERT CLIMATE ZONES 36X100 FOOT PANELIZED WOOD BUILDING.	337	1,607	125,674	294	3,361	2,454	6,109
55010AW	INTERIOR FOR DISPENSARY, TROOP, 20 X 60, W/O WARD FACILITIES	8	17	8,156				
55010AY	INTERIOR FOR DISPENSARY, TROOP, 20 X 80, W/O WARD FACILITIES	9	21	9,803				
55010BA	DISPENSARY,TROOP,STL FRAME BLDG W/INTERIOR 20X60X8,W/O WARD FACILITIES,TEMP CLIM	14	33	22,021				
55010BB	DISPENSARY,TROOP,STL FRAME BLDG W/INTERIOR 20X80X8,W/O WARD FACILITIES,TEMP CLIM	20	42	28,045				
55010BC	DISPENSARY,TROOP,WOOD FRAME BLDG W/INTERIOR 20X60X8,W/O WARD FACILITIES,TEMP CLIM	34	48	12,751				
55010BD	DISPENSARY,TROOP,WOOD FRAME BLDG W/INTERIOR 20X80X8,W/O WARD FACILITIES,TEMP CLIM	43	62	15,854				
55020DC	DISPENSARY, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 70 BY 8, WITH 6 WARD BEDS, DESERT/TROPIC CLIM	12	14	5,206	12	1,190	117	1,319
55020DD	DISPENSARY, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 100 BY 8, WITH 10 WARD BEDS, DESERT/TROPIC CLIM	17	24	10,789	16	3,002	162	3,180
61025BC	ADMINISTRATION BUILDING,WOOD FRAME CONSTRUCTION,BASIC BUILDING 40FT X 110FT;WOOD ROOF < ASPHALT ROOFING;CONCRETE FOUNDATION;WOOD FLOOR;8FT MIN CLEARANCE DESERT CLIMATE	75	134	31,510	174	984	174	1,332
61025BG	ADMINISTRATION BUILDING,METAL FRAME TYPE IV 40FT X 110FT, 4IN CONCRETE FLOOR,8FT CEILING HGT,10FT EAVE HGT,27 4FT X 4FT COMM PROJ WINDOWS,3-3FT X 7FT PERS DOORS,2 ROUND ROOF VENT,PRE-ENGINEERED METAL BUILDING DESERT CLIMATE	45	92	54,613	72	800	99	971

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
61027DB	FINANCE OFFICE, 15000 MAN, TWO 40 BY 110 LIGHTWEIGHT STEEL PANEL BUILDING WITH COVERED WALKWAY BETWEEN, DESERT/TROPIC CLIM (-20 DEG F)	125	377	98,467	168	2,591	706	3,465
61050DG	ADMINISTRATION BUILDING, LIGHTWEIGHT STEEL PANEL WITH INTERIOR 20 BY 30 BY 8, WITH SUPPLY ROOM, DESERT/TROPIC CLIM	3	4	1,345	7	244	58	309
61050DH	HEADQUARTERS AND UNIT SUPPLY BUILDING COMPANY, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 40 BY 8M DESERT/TROPIC CLIM	4	5	1,367	8	236	72	316
61050DJ	ADMINISTRATION BUILDING, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 50 BY 8 WITH SUPPLY ROOM, DESERT/TROPIC CLIM	5	6	2,286	9	315	85	409
61050DK	HEADQUARTERS AND UNIT SUPPLY BUILDING BATTALION, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 100 BY 8, DESERT/TROPIC CLIM	10	13	4,397				
61050DL	ADMINISTRATION HEADQUARTERS BUILDING, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 30 BY 70 BY 8, USED IN 5000 SF INSTALLATION, DESERT/TROPIC CLIM	14	39	13,196	56	1,094	274	1,424
61050DM	ADMINISTRATION BUILDING, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 40 BY 100 BY 8, WITH SUPPLY ROOM, DESERT/TROPIC CLIM	21	24	8,074	70	1,462	317	1,849
61050EH	ADMINISTRATION BUILDING NUMBER 3, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 30 BY 80 BY 8, FOR 200 AND 300 BED HOSPITAL, DESERT/TROPIC CLIM	15	18	5,272	39	833	223	1,095
61050EJ	ADMINISTRATION BUILDING NUMBER 2, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 30 BY 90 BY 8, FOR 500 BED HOSPITAL, DESERT/TROPIC CLIM	17	16	4,812	45	909	258	1,212
61050EK	ADMINISTRATION BUILDING NUMBER 1, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 30 BY 110 BY 8, FOR 750 AND 1000 BED HOSPITALS, DESERT/TROPIC CLIM	19	23	7,052	53	1,105	309	1,467

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
61050EL	ADMINISTRATION, ADMISSION AND DISPOSITION BUILDING NUMBER 1, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 30 BY 110 BY 8, FOR 100 BED HOSPITAL, DESERT/TROPIC CLIM	23	29	8,775	53	1,796	309	2,158
61050EM	ADMINISTRATION, ADMISSION AND DISPOSITION BUILDING NUMBER 1, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 30 BY 110 BY 8, FOR 100 BED HOSPITAL, DESERT/TROPIC CLIM	23	29	9,838	53	1,375	309	1,737
61050EN	ADMINISTRATION, HEADQUARTERS BUILDING, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 30 BY 70 BY 8, USED IN 5000 SF INSTALLATION, DESERT/TROPIC CLIM	12	23	8,902	38	1,025	205	1,268
61050EP	ADMINISTRATION, HEADQUARTERS BUILDING, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 30 BY 70 BY 8, USED IN 10,000 SF INSTALLATION, DESERT/TROPIC CLIM	12	27	9,800	38	1,094	205	1,337
61050ER	ADMINISTRATION, SUPPORT BUILDING, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 30 BY 70 BY 8, USED IN THE 10,000 SF INSTALLATION, DESERT/TROPIC CLIM	10	8	2,418	38	845	205	1,088
61050ET	ADMINISTRATION, SUPPORT BUILDING, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 30 BY 50 BY 8, USED IN THE 5000 SF INSTALLATION, DESERT/TROPIC CLIM	8	6	1,817	28	607	152	787
71430AA	SINGLE,TRAILER MOUNTED LAUNDRY OR BATH ASSEMBLY CAPABLE OF PROVIDING THE LAUNDRY SUPPORT FOR 5200 TROOPS WHEN OPERATING 20HRS/DAY/7 DAYS/WK OR PROVIDING THE BATH AND CLOTHES EXCHANGE SUPPORT FOR 3500 TROOPS WHEN OPERATING 8HR/DAY/7 DAYS/WK	8	35	24,038		92	41	133
72111AU	PORYABLE BUILDING, 10X24, COMPLETE WITH ELECTRIC WALL MOUNTED HEATER, 5100 BTU, 220 VOLT, 60 HERTZ. TOTAL KW REQUIREMENT-1.3 KW. SHIPPED IN KNOCK-DOWN CONFIGURATION.	4	5	4,000	1	1	2	4
72111CG	TROOP HOUSING;ENLISTED;WOOD FRAME CONSTRUCTION;BASIC BLDG. 20X100; WOOD ROOF;WOOD FRAME; 8FT CEILING;CONC FLOOR DESERT CLIMATE	55	66	13,005	25	311	51	387

DESERT CLIMATE		CONSTRUCTION MATERIAL						
FACILITY NUMBER	DESCRIPTION	WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
72111CH	TROOP HOUSING;ENLISTED;STEEL FRAME BLDG W/INTERIOR 20X100; DESERT CLIMATE	23	37	23,614	131	1,461	734	2,326
72111CJ	TROOP HOUSING;ENLISTED;PANELIZED WOOD BUILDING;24X84 DESERT CLIMATE	63	68	41,776	9	851	967	1,827
72141BC	QUARTERS, FEMALE EMPLOYEES, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 30 BY 8, WITH 4 SINGLE BEDROOMS AND LIVING ROOM, DESERT/TROPIC CLIM	4	4	1,420	7	344	58	409
72141BD	QUARTERS, FEMALE EMPLOYEES, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 40 BY 8, WITH 8 SINGLE BEDROOMS AND LIVING ROOM, DESERT/TROPIC CLIM	6	7	1,856	8	536	72	616
72210EA	INTERIOR FOR KITCHEN AND DINING FACILITY 200-500 MAN.FOR THE TEMPERATE,DESERT AND FRIGID BUILDINGS,TEMPORARY STD.	14	37	69,221		2,584	148	2,732
72210EL	KITCHEN AND DINING FACILITY 200-500 MAN,PANELIZED WOOD BUILDING WITH INTERIOR 48 BY 60 FOOT BUILDING. DESERT CLIMATE	959	1,292	146,463	69	3,450	206	3,725
72210FJ	KITCHEN AND DINING FACILITY 200-500 MAN WOOD FRAME BUILDING WITH INTERIOR 40X70FEET,FOR THE DESERT CLIMATE	75	122	79,260	69	3,519	198	3,786
72210FK	KITCHEN AND DINING FACILITY 200-500MAN PRE-ENG STEEL FRAME BUILDING WITH INTERIOR 40X70FEET FOR THE DESERT CLIMATE	41	101	96,869	69	3,364	173	3,606
72210GB	INTERIOR FOR KITCHEN + DINING FACILITY 500-1100 MAN 60X120 FOOT DESERT/TROPIC	38	88	194,536		3,447	601	4,048
72210GD	KITCHEN + DINING FACILITY 500-1100 MAN WOOD FRAME BUILDING W/INTERIOR 60X120FOOT DESERT/TROPIC ZONE	123	191	218,146	118	6,088	1,625	7,831
72210GG	KITCHEN + DINING FACILITY 500-1100 MAN STEEL FRAME BUILDING W/INTERIOR 60X120FOOT DESERT/TROPIC ZONE	116	493	289,770	331	7,684	2,400	10,415
72210GL	KITCHEN + DINING FACILITY 500-1100 MAN PANELIZED WOOD BUILDING W/INTERIOR 60X120FOOT DESERT/TROPIC	404	1,295	298,854	104	9,647	3,924	13,675

DESERT CLIMATE		CONSTRUCTION MATERIAL						
FACILITY NUMBER	DESCRIPTION	WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
72210HC	KITCHEN AND DINING FACILITY 200-500 MAN,LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR 40 BY 80 FT. TROP/DESR CLIMATE	64	137	81,868	69	978	89	1,136
72210HD	KITCHEN AND DINING FACILITY 500-1100 MAN,LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR 50 BY 150 FEET TRP/DESERT CLIM	144	259	209,450	69	1,380	115	1,564
72321AA	PORTA-KAMP LATRINE TEMPERATE AND DESERT	1	1	248	3	18	17	38
72321AC	MONOGRAM CHEMICAL LATRINE			119		7	7	14
72321BB	LATRINE,PIT TYPE,2 SEATS,4X5X8,WOOD FRAME BLDG	1	1	94		46	9	55
72321BC	LATRINE,PIT TYPE,FEMALE,2 SEATS,10X10X8, WOOD FRAME BLDG W/INTERIOR	5	6	1,028		129	18	147
72321BD	LATRINE,PIT TYPE,160 EM OR 80 OFFICERS,8 SEATS, 10X20X8, WOOD FRAME BLDG W/INTERIOR	8	9	1,559	2	230	37	269
72321BE	LATRINE,250 MAN,BUCKET TYPE,12 SEATS,10X30X8, WOOD FRAME BLDG W/INTERIOR	10	11	1,869	5	296	56	357
72321CA	LATRINE, PIT TYPE, 160 EM OR 80 OFFICERS, 8 SEATS, 20 BY 10 BY 8 LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, TEMP CLIMATE	2	1	448	10	202	16	228
72321CB	LATRINE, PIT TYPE, 160 EM OR 80 OFFICERS, 8 SEATS, 20 BY 10 BY 8 LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, TROPIC AND DESERT CLIMATE	2	1	448	15	293	23	331
72321CC	LATRINE, PIT TYPE, 160 EM OR 80 OFFICERS, 8 SEATS, 20 BY 10 BY 8 LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, FRIGID CLIM	2	1	448	36	520	41	597
72323BD	INTERIOR FOR BATHHOUSE & LATRINE,500 MAN, 20 X 80, WATER BORNE TYPE, W/24 SHOWER HEADS, 24 SEATS & SANITARY SEWER CONNECTION CHANGE SUPPORT FOR 3500 TROOPS WHEN OPERATING 8 HR/DAY/7DAYS /WK	9	16	17,566		1,417		1,417

DESERT CLIMATE		CONSTRUCTION MATERIAL						
FACILITY NUMBER	DESCRIPTION	WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
72323BU	PORTABLE BLDG, 20-MAN BATH W/HALL,10X24.COMPLETE W/1 CONNEC-TING CANOPY,3 SHOWERS W/SLIDING CURTAINS,12 COMMODES,TANK-TYPE W/PARTITIONS & DOORS,3 LAVATORIES W/SHELVES,MIRRORS & LIGHTS,1 URINAL,1 42-GAL WTR HEATER,GLASS LINED TANK,220V, 60 HERTZ,2 16-IN EXH FANS,1 STEEL STORAGE LOCKER,1 DBL LAUN-DRY TUB. TOTAL KW REQUIREMENT 6.7 KW. SHIPPED ERECTED.	4	5	3,855	1	1	1	3
72323BV	PORTABLE BUILDING, 60-MAN BATH, 10X30. COMPLETE WITH 10 LAVATORIES, SHELVES, MIRRORS AND LIGHTS, 7 SHOWERS WITH SLIDING CURTAINS, 7 COMMODES, TANK-TYPE, WITH PARTITIONS AND DOORS, 1 120-GAL WATER HEATER AND 1 16-INCH EXHAUST FAN. TOTAL KW REQUIREMENT-6.0 KW. SHIPPED ERECTED	4	8	2,095	1	1	1	3
72323DJ	BATHHOUSE FOR 160 EM OR 80 OFFICERS, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR 20 BY 20 BY 8, WITH 8 SHOWER HEADS AND SEWER CONNECTION, DESERT/TROPIC CLIM	6	11	6,778	5	558	35	598
72323DK	BATHHOUSE AND LATRINE, 160 EM OR 80 OFFICERS, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 30 BY 8, WATER BORNE TYPE WITH 8 SHOWER HEADS, 8 SEATS AND SANITARY SEWER CONNECTION, DESERT/TROPIC CLIM	8	12	8,925	7	906	58	971
72323DL	BATHHOUSE, 250 MAN, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 40 BY 8, WITH 12 SHOWER HEADS AND SEWER CONNECTION, DESERT/TROPIC CLIM	7	11	6,772	8	1,116	72	1,196
72323DM	BATHHOUSE, 500 MAN, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 50 BY 8 WITH 24 SHOWER HEADS AND SEWER CONNECTION, DESERT/TROPIC CLIM	8	10	7,948	9	844	87	940
72323DN	BATHHOUSE, 720 MAN, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 50 BY 8 WITH 30 SHOWER HEADS AND SEWER CONNECTION, DESERT/TROPIC CLIM	11	13	9,416	9	2,169	87	2,265
72323DP	BATHHOUSE AND LATRINE, 250 MAN, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 60 BY 8, WATER BORNE TYPE, WITH 12 SHOWER HEADS, 14 SEATS AND SANITARY SEWER CONNECTION, DESERT/TROPIC CLIM	11	14	11,021	10	1,191	102	1,303

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
72323DR	BATHHOUSE AND LATRINE, 720 MAN, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 100 BY 8, WATER BORNE TYPE, WITH 30 SHOWER HEADS, 36 SEATS AND SANITARY SEWER CONNECTION, DESERT/TROPIC CLIM	21	24	23,300	16	2,262	162	2,440
72323EC	BATHHOUSE AND LATRINE, 500 MAN, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 80 BY 8, WATER BORNE TYPE, WITH 24 SHOWER HEADS, 24 SEATS AND SANITARY SEWER CONNECTION, DESERT/TROPIC CLIM	15	19	17,700	14	1,580	132	1,726
72360AA	DAYROOM FACILITY 600 SQ FT WOOD FRAME BUILDING 20 FT X 30 FT ONE STORY CONCRETE FLOOR 8 FT HIGH WOOD CLADDING WOOD AND FELT ROOF WITH INTERIOR TEMPERATE AND DESERT CLIMATE	17	22	5,154	25	624	150	799
72360AB	INTERIOR FOR DAYROOM FACILITY 600 SQ FT WOOD FRAME BUILDING TEMPERATE , FRIGID AND DESERT CLIMATE	3	6	2,743		451	99	550
72360AC	DAYROOM FACILITY 600 SQ FT PRE-ENGINEERED METAL BUILDING 20 FT X 30 FT ONE STORY CONCRETE FLOOR CORRUGATED STEEL CLADDING AND ROOF WITH INTERIOR TEMPERATE , FRIGID AND DESERT CLIMATE	6	15	9,061	37	826	298	1,161
72360AD	INTERIOR FOR DAYROOM FACILITY 600 SQ FT PRE-ENGINEERED METAL BUILDING TEMPERATE , FRIGID AND DESERT CLIMATE	3	7	3,195		470	108	578
72360AL	DAYROOM FACILITY 864 SQ FT PANELIZED WOOD BUILDING 24 FT X 36 FT ONE STORY CONCRETE FLOOR WOOD PANEL CLADDING AND ROOF WITH INTERIOR DESERT AND TROPIC CLIMATE	27	32	18,628	8	1,040	879	1,927
72360BB	DAY ROOM, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 30 BY 8, DESERT/TROPIC CLIM	5	8	3,245	7	542	147	696
72410AA	BOQ, MALE	14	1	21,648	61	1,286	292	1,639
72410AG	BOQ, MALE/FEMALE	8	17	29,000	69	1,380	327	1,776
72410CE	QUARTERS, MALE OFFICERS NUMBER 2, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 30 BY 60 BY 8, 14 MALE OFFICERS FOR HOSPITALS, DESERT/TROPIC CLIM	14	19	4,839	31	1,044	170	1,245

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
72410CF	QUARTERS, MALE OFFICERS NUMBER 1, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 30 BY 100 BY 8, 24 MALE OFFICERS, FOR HOSPITALS, DESERT/TROPIC CLIM	23	27	6,855	47	1,425	276	1,748
72410CG	QUARTERS, 16 OFFICERS, LIGHTWEIGHT STEEL PANEL BUILDING BUILDING WITH INTERIOR, 20 BY 70 BY 8, 2 DORMITORY ROOMS WITH RECREATION AREAS, DESERT/TROPIC CLIM	12	8	2,401	12	374	117	503
72410CH	QUARTERS, 24 OFFICERS, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 100 BY 8, 3 DORMITORY ROOMS WITH RECREATION AREAS, DESERT/TROPIC CLIM	16	35	17,245	16	475	162	653
72411AA	QUARTERS RECONDITIONING PANELIZED METAL BUILDING DESIGN WITH FLOOR SLAB ON GRADE TEMPERATE CLIMATE, TEMPORARY STANDARD OF CONSTRUCTION UNDER DESIGN	13	6	42,860	152	4,916	1,418	6,486
72420AA	BOQ, FEMALE	14	1	21,648	61	1,286	292	1,639
72420BC	QUARTERS, FEMALE OFFICERS NUMBER 2, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 30 BY 60 BY 8, 13 FEMALE OFFICERS, FOR HOSPITALS, DESERT/TROPIC CLIM	14	19	5,273	31	1,125	170	1,326
72420BD	QUARTERS, FEMALE OFFICERS NUMBER 1, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 30 BY 100 BY 8, 23 FEMALE OFFICERS, FOR HOSPITALS, DESERT/TROPIC CLIM	20	24	6,841	47	1,747	276	2,070
72520AA	TENTAGE,10 EACH,GENERAL PURPOSE,MEDIUM.W/O WINDOWS.COTTON DUCK,9.85OZ.FIRE,MILDEW,WATER,WEATHER RESISTANT.OD.W/O FLR FLOOR AREA DIM.32FT8IN LONG AND 16 FT WIDE.RIDGE, 17FT4-1/2IN LONG AND 10 FT HIGH.SIDE WALLS,5FT6IN HIGH.		10	11,700			46	46
72520AC	WOOD FRAME,TENT,W/EARTH FLOOR FOR 16X32 SQUAD TENT	1	1	68	2	9	7	18
72520AD	WOOD FRAME,TENT,W/WOOD FLOOR FOR 16X32 SQUAD TENT	1	2	397	6	127	86	219
72520AE	WOOD FRAME, TENT, W/CONC FLOOR FOR 16X32 SQUAD TENT	7	5	204	5	23	14	42

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
72520AF	TENT,GENERAL PURPOSE MEDIUM W/O WINDOWS COTTON DUCK 9.85OZ. FIRE,MILDEW,WATER AND WEATHER RESISTANT,OD ARMY SHADE 7,W/O FLOOR. FLOOR AREA 32FT8IN.LONG 16FT WIDE. WITH COVER,LINES, PINS,POLES,SLIP LINES AND TENT LINER. MIL-T-1712,TYPE 1		1	1,170			5	5
72520AG	WOOD FRAME, TENT, W/EARTH FLOOR FOR 18 BY 52 TENT	1	1	87				
72520AH	WOOD FRAME, TENT, W/WOOD FLOOR FOR 18 BY 52 TENT	1	2	145				
72520AJ	WOOD FRAME, TENT, W/CONCRETE FLOOR FOR 18 BY 52 TENT	12	9	319				
72522AA	TENTAGE,10 EACH,GENERAL PURPOSE,SMALL.COTTON DUCK,9.85OZ. FIRE,MILDEW,WATER,WEATHER RESISTANT.OD.W/O FLOOR,FLOOR AREA DIM.17FT6IN LONG & 17FT6IN WIDE.HEXAGONAL.EACH LATERAL SIDE 8FT9IN LONG.PEAK 10FT6IN HIGH.SIDE WALLS 5 FT HIGH.	1	5	6,790			23	23
72523AA	TENT ASSY,M-1942,SECTIONAL,COTTON DUCK,9.85OZ.FIRE,MILDEW, WATER,WEATHER RESISTANT.OD.W/O FLOOR,FLOOR AREA DIM.80 FT LONG AND 40 FT WIDE.RIDGE,40 FT LONG AND 18 FT HIGH.SIDE WALLS 8 FT HIGH.2 END,2 MIDDLE AND 4 WALL SECTIONS.	1	3	5,124			35	35
72524AA	TENT,KITCHEN,FLY PROOF,M-1948,COTTON DUCK.9.85OZ.FIRE, MILDEW,WATER,WEATHER RESIST.OD.W/O FLR,FLR AREA DIM.18 FT LONG AND 12 FT WIDE.TENT RIDGE,11FT11-1/2IN LONG AND 9 FT HIGH.STACK RIDGE,6 FT LONG AND 12 FT HIGH.TENT SIDE WALLS 6 FT HIGH.STACK SIDE WALLS 9 FT HIGH.		1	723			12	12
72590AB	WOOD FRAME WITH EARTH FLOOR FOR GP LARGE TENT.FLOOR AREA IS 18X52FEET	1	1	116	1	7		8
72590AC	WOOD FRAME WITH WOOD FLOOR FOR GP LARGE TENT. FLOOR AREA IS 18X52FEET PLYWOOD DECK.	3	4	910	1	12		13
72590AD	WOOD FRAME WITH CONCRETE FLOOR FOR GP LARGE TENT FLOOR AREA IS 18X52FEET	3	3	173	1	41		42
72590AF	INTERIOR ELECTRICAL AND HEATING SUB FACILITY FOR THE GP LARGE TENT.ELECTRICAL CONTAINS MATERIAL FOR 3 LIGHTING FIXTURES AND 6 RECEPTACLES.HEATING IS 3 EACH 70000 BTU DIESEL HEATERS.		1	1,357	1	5		6

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	SENL	YDY
73010AA	FIRE STATION FACILITY 6144 SQ FT WOOD FRAME BUILDING OPTION A 48 FT X 128 FT ONE STORY CONCRETE FLOOR 13 FT 9 IN HIGH WOOD AND FELT CLADDING AND WOOD AND FELT ROOF WITH INTERIOR TEMPERATE AND DESERT CLIMATE	192	272	38,303	141	5,545	882	6,568
73010AD	FIRE STATION FACILITY 6144 SQ FT WOOD FRAME BUILDING OPTION B 48 FT X 128 FT ONE STORY CONCRETE FLOOR 13 FT 9 IN HIGH WOOD AND FELT CLADDING AND WOOD AND FELT ROOF WITH INTERIOR TEMPERATE AND DESERT CLIMATE	182	238	33,190	116	4,507	772	5,395
73010AF	FIRE STATION FACILITY 5400 SQ FT PRE-ENGINEERED METAL BUILDING OPTION A 40 FT X 135 FT ONE STORY CONCRETE FLOOR CORRUGATED STEEL CLADDING AND ROOF WITH INTERIOR TEMPERATE FRIGID AND DESERT CLIMATE	44	83	73,049	243	3,974	1,846	6,063
73010AH	FIRE STATION FACILITY 5400 SQ FT PRE-ENGINEERED METAL BUILDING OPTION B 40 FT X 135 FT ONE STORY CONCRETE FLOOR CORRUGATED STEEL CLADDING AND ROOF WITH INTERIOR TEMPERATE AND DESERT CLIMATE	43	81	72,487	243	5,118	1,818	7,179
73010AK	INTERIOR FOR FIRE STATION FACILITY 6144 SQ FT WOOD FRAME BUILDING OPTION A TEMPERATE , FRIGID AND DESERT CLIMATE	14	26	10,664		1,385	322	1,707
73010AM	INTERIOR FOR FIRE STATION FACILITY 6144 SQ FT WOOD FRAME BUILDING OPTION B TEMPERATE AND DESERT CLIMATE	12	23	9,158		1,205	277	1,482
73010AP	INTERIOR FOR FIRE STATION FACILITY 5400 SQ FT PRE-ENGINEERED METAL BUILDING OPTION A TEMPERATE , FRIGID AND DESERT CLIMATE	10	22	8,595		1,415	316	1,731
73010AT	INTERIOR FOR FIRE STATION FACILITY 5400 SQ FT PRE-ENGINEERED METAL BUILDING OPTION B TEMPERATE AND DESERT CLIMATE	9	20	8,033		1,106	256	1,362
73010CC	FIRE STATION, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 50 BY 130 BY 14, DESERT/TROPIC CLIM	86	78	13,089	2,069	2,259	1,219	5,547
73010CD	FIRE STATION, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 50 BY 130 BY 14, DESERT/TROPIC CLIM	84	99	15,818	2,069	2,079	1,174	5,322

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
73015FB	GUARDHOUSE, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 40 BY 8, WITH GUARD ROOM, OFFICE AND 380 SF PRISONER ROOM, DESERT/TROPIC CLIM	7	7	2,796	10	344	102	456
73016AA	MILITARY POLICE HEADQUARTERS FACILITY 1200 SQ FT WOOD FRAME BUILDING 30 FT X 40 FT ONE STORY CONCRETE FLOOR 8 FT HIGH WOOD AND FELT CLADDING AND WOOD AND FELT ROOF WITH INTERIOR TEMPERATE AND DESERT CLIMATE	33	40	9,084	35	1,266	251	1,552
73016AB	INTERIOR FOR MILITARY POLICE HEADQUARTERS FACILITY 1200 SQ FT WOOD FRAME BUILDING TEMPERATE , FRIGID AND DESERT CLIMATE	6	11	5,150		944	189	1,133
73016AC	MILITARY POLICE HEADQUARTERS FACILITY 1200 SQ FT PRE-ENGINEERED METAL BUILING 30 FT X 40 FT ONE STORY CONCRETE FLOOR CORRUGATED STEEL CLADDING AND ROOF WITH INTERIOR TEMPERATE , FRIGID AND DESERT CLIMATE	17	32	20,826	84	1,840	658	2,582
73016AD	INTERIOR FOR MILITARY POLICE HEADQUARTERS FACILITY 1200 SQ FT PRE-ENGINEERED METAL BUILDING TEMPERATE , FRIGID AND DESERT CLIMATE	9	16	7,052		1,015	222	1,237
73016AE	MILITARY POLICE HEADQUARTERS FACILITY 2400 SQ FT WOOD FRAME BUILDING 40 FT X 60 FT ONE STORY CONCRETE FLOOR 8 FT HIGH WOOD AND FELT CLADDING AND WOOD AND FELT ROOF WITH INTERIOR TEMPERATE AND DESERT CLIMATE	60	74	16,414	39	2,378	467	2,884
73016AF	INTERIOR FOR MILITARY POLICE HEADQUARTERS FACILITY 2400 SQ FT WOOD FRAME BUILDING TEMPERATE , FRIGID AND DESERT CLIMATE	10	22	9,401		1,766	338	2,104
73016AG	MILITARY POLICE HEADQUARTERS FACILITY 2400 SQ FT PRE-ENGINEERED METAL BUILDING 40 FT X 60 FT ONE STORY CONCRETE FLOOR CORRUGATED STEEL CLADDING AND ROOF WITH INTERIOR TEMPERATE , FRIGID AND DESERT CLIMATE	31	63	33,682	155	3,418	1,208	4,781
73016AH	INTERIOR FOR MILITARY POLICE HEADQUARTERS FACILITY 2400 SQ FT WOOD FRAME BUILDING TEMPERATE , FRIGID AND DESERT CLIMATE	16	31	12,572		1,884	393	2,277

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
73016BC	POLICE STATION, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 30 BY 40 BY 8, DESERT/TROPIC CLIM	17	18	5,604	23	1,114	357	1,494
73016BD	POLICE STATION, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 40 BY 60 BY 8, DESERT/TROPIC CLIM	39	108	30,369	46	2,042	599	2,687
74018BE	CHAPEL, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 30 BY 8, 60 SEATS, DESERT/TROPIC CLIM	5	7	2,180	9	488	67	564
74018BF	CHAPEL, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 50 BY 8, 100 SEATS, DESERT/TROPIC CLIM	8	10	2,761	9	752	87	848
74018BG	CHAPEL, 150 SEATS, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 30 BY 60 BY 8, WITH 2 CHAPLAINSC OFFICES, DESERT/TROPIC CLIM	16	18	3,248	31	1,282	192	1,505
74018BH	CHAPEL, 300 SEATS, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 40 BY 80 BY 8, WITH 2 CHAPLAINSC OFFICES, DESERT/TROPIC CLIM	27	34	7,206	58	1,832	262	2,152
74025BD	EDUCATION BUILDING, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 50 BY 8 WITH 2 CLASSROOMS, FOR 2000 MAN POW CAMP, DESERT/TROPIC CLIM	6	6	2,254	9	344	87	440
74059CJ	ADMINISTRATION, POST OFFICE BUILDING NUMBER 3, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 40 BY 50 BY 8, DESERT/TROPIC CLIM	41	33	8,263	44	668	185	897
74059CK	ARMY POST OFFICE BUILDING, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 40 BY 60 BY 8, WITH LOBBY, 6 MAIL AND STAMP WINDOWS, OFFICE AND WORK ROOM, DESERT/TROPIC CLIM	16	25	8,916	46	913	206	1,165
74059CL	ADMINISTRATION, POST OFFICE BUILDING NUMBER 2, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 40 BY 70 BY 8, DESERT/TROPIC CLIM	57	46	8,946	55	899	242	1,196
74059CM	ADMINISTRATION, POST OFFICE BUILDING NUMBER 1, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 40 BY 90 BY 8, DESERT/TROPIC CLIM	61	50	10,914	67	1,099	297	1,463

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
74059CN	ARMY POST OFFICE BUILDING, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 40 BY 100 BY 8, WITH LOBBY, 9 MAIL AND STAMP WINDOWS, OFFICE AND WORK ROOM, DESERT/TROPIC CLIM	24	28	9,102	70	1,186	317	1,573
74068BE	UTILITY BUILDING NUMBER 1, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 40 BY 60 BY 8, FOR 148 EM AND 2 NCO, DESERT/TROPIC CLIM	27	32	16,679	46	2,834	206	3,086
74068BF	UTILITY BUILDING NUMBER 2, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 30 BY 60 BY 8, FOR 84 EM AND 2 NCO, DESERT/TROPIC CLIM	19	28	14,108	31	2,225	192	2,448
74068BH	SERVICE CLUB, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 40 BY 100 BY 14, DESERT/TROPIC CLIM	30	31	8,430	83	1,249	348	1,680
75013AA	ATHLETIC COURT, OUTDOOR, 60 X 120, TENNIS VOLLEY-BALL COMBINATION W/SEPARATE BADMINTON COURT, GENERAL CONSTRUCTION W/O LIGHTING	8	9	1,614	29	150	121	300
81110AA	GENERATING PLANT, 15 KW FIRM, 2-15 KW INSTALLED, 208Y/120 OR 416Y/240 VOLTS, 60 HERTZ OR 50 HERTZ AT 12.5 KW, OUTDOOR, FOR TEMPERATE, TROPICAL, OR DESERT CLIMATES.	6	18	26,441		516	18	534
81110AB	GENERATING PLANT, 30 KW FIRM, 3-15 KW INSTALLED, 208Y/120 OR 416Y/240 VOLTS, 60 HERTZ OR 50 HERTZ AT 25 KW, OUTDOOR, FOR TEMPERATE, TROPICAL, OR DESERT CLIMATES.	9	20	35,487		743	18	761
81110AC	GENERATING PLANT, 45 KW FIRM, 4-15 KW INSTALLED, 208Y/120 OR 416Y/240 VOLTS, 60 HERTZ OR 50 HERTZ AT 37.5 KW, OUTDOOR, FOR TEMPERATE, TROPICAL, OR DESERT CLIMATES.	12	27	47,551		1,040	18	1,058
81110AD	GENERATING PLANT, 60 KW FIRM, 2-60 KW INSTALLED, 208Y/120 OR 416Y/240 VOLTS, 60 HERTZ OR 50 HERTZ AT 50 KW, OUTDOOR, FOR TEMPERATE, TROPICAL, OR DESERT CLIMATES.	8	16	38,003		506	18	524
81110AE	GENERATING PLANT, 100 KW FIRM, 2-100 KW INSTALLED, 208Y/120 OR 416Y/240 VOLTS, 60 HERTZ OR 50 HERTZ AT 83 KW, OUTDOOR, FOR TEMPERATE, TROPICAL, OR DESERT CLIMATES.	13	20	23,950		537	18	555

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
81110AF	GENERATING PLANT, 200 KW FIRM, 3-100 KW INSTALLED, 208Y/120 OR 416Y/240 VOLTS, 60 HERTZ OR 50 HERTZ AT 167 KW, OUTDOOR, FOR TEMPERATE, TROPICAL, OR DESERT CLIMATES.	19	30	36,179		895	18	913
81110AG	GENERATING PLANT, 300 KW FIRM, 4-100 KW INSTALLED, 208Y/120 OR 416Y/240 VOLTS, 60 HERTZ OR 50 HERTZ AT 250 KW, OUTDOOR, FOR TEMPERATE, TROPICAL, OR DESERT CLIMATES.	24	40	47,996		1,181	28	1,209
81110AH	GENERATING PLANT, 400 KW FIRM, 3-200 KW INSTALLED, 208Y/120 OR 416Y/240 VOLTS, 60 HERTZ OR 50 HERTZ AT 333 KW, OUTDOOR, FOR TEMPERATE, TROPICAL, OR DESERT CLIMATES.	11	113	104,831		2,124	46	2,170
81110AJ	GENERATING PLANT, 600 KW FIRM, 4-200 KW INSTALLED, 208Y/120 OR 416Y/240 VOLTS, 60 HERTZ OR 50 HERTZ AT 500 KW, OUTDOOR, FOR TEMPERATE, TROPICAL, OR DESERT CLIMATES.	13	150	139,785		2,496	69	2,565
81110AK	GENERATING PLANT, 800 KW FIRM, 5-200 KW INSTALLED, 208Y/120 OR 416Y/240 VOLTS, 60 HERTZ OR 50 HERTZ AT 667 KW, OUTDOOR, FOR TEMPERATE, TROPICAL, OR DESERT CLIMATES.	17	188	174,870		2,973	69	3,042
81110AL	GENERATING PLANT CONVERSION, 100 KW TO 200 KW FIRM, 208Y/120 OR 416Y/240 VOLTS, 60 HERTZ OR 50 HERTZ AT 167 KW, OUTDOOR, FOR TEMPERATE, TROPICAL, OR DESERT CLIMATES.	7	10	12,183		383	18	401
81110AM	GENERATING PLANT CONVERSION FROM 200 KW TO 300 KW FIRM, 208Y/120 OR 416Y/240 VOLTS, 60 HERTZ OR 50 HERTZ AT 250 KW, OUTDOOR, FOR TEMPERATE, TROPICAL, OR DESERT CLIMATES.	7	10	12,272	14	383	18	415
81110AN	GENERATING PLANT CONVERSION FROM 400 KW TO 600 KW FIRM, 208Y/120 OR 416Y/240 VOLTS, 60 HERTZ OR 50 HERTZ AT 500 KW, OUTDOOR, FOR TEMPERATE, TROPICAL, OR DESERT CLIMATES.	4	37	35,118	14	722	18	754
81110AP	GENERATING PLANT CONVERSION, 600 KW TO 800 KW FIRM, 208Y/120 OR 416Y/240 VOLTS, 60 HERTZ OR 50 HERTZ AT 667 KW, OUTDOOR, FOR TEMPERATE, TROPICAL, OR DESERT CLIMATES.	4	37	35,001		759	23	782
81110BJ	GENERATING PLANT, 15 KW FIRM, 2-15 KW INSTALLED, 208Y/120 OR 416Y/240 VOLTS, 60 HERTZ OR 50 HERTZ AT 12.5 KW, IN PREFABRICATED STEEL BUILDING FOR TROPICAL OR DESERT CLIMATES.	31	54	38,418	92	2,144	961	3,197

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
81110BK	GENERATING PLANT, 30 KW FIRM, 3-15 KW INSTALLED, 208Y/120 OR 416Y/240 VOLTS, 60 HERTZ OR 50 HERTZ AT 25 KW, IN PREFABRICATED STEEL BUILDING FOR TROPICAL OR DESERT CLIMATES.	35	52	47,565	92	2,581	966	3,639
81110BL	GENERATING PLANT, 45 KW FIRM, 4-15 KW INSTALLED, 208Y/120 OR 416Y/240 VOLTS, 60 HERTZ OR 50 HERTZ AT 37.5 KW, IN PREFABRICATED STEEL BUILDING FOR TROPICAL OR DESERT CLIMATES.	37	55	58,180	92	2,981	966	4,039
81110BM	GENERATING PLANT, 60 KW FIRM, 2-60 KW INSTALLED, 208Y/120 OR 416Y/240 VOLTS, 60 HERTZ OR 50 HERTZ AT 50 KW, IN PREFABRICATED STEEL BUILDING FOR TROPICAL OR DESERT CLIMATES.	36	52	56,173	94	2,316	968	3,378
81110BN	GENERATING PLANT, 100 KW FIRM, 2-100 KW INSTALLED, 208Y/120 OR 416Y/240 VOLTS, 60 HERTZ OR 50 HERTZ AT 83 KW, IN PREFABRICATED STEEL BUILDING FOR TROPICAL OR DESERT CLIMATES.	46	65	48,246	113	2,974	1,157	4,244
81110BP	GENERATING PLANT, 200 KW FIRM, 3-100 KW INSTALLED, 208Y/120 OR 416Y/240 VOLTS, 60 HERTZ OR 50 HERTZ AT 167 KW, IN PREFABRICATED STEEL BUILDING FOR TROPICAL OR DESERT CLIMATES.	52	78	63,407	113	3,563	1,162	4,838
81110BR	GENERATING PLANT, 300 KW FIRM, 4-100 KW INSTALLED, 208Y/120 OR 416Y/240 VOLTS, 60 HERTZ OR 50 HERTZ AT 250 KW, IN PREFABRICATED STEEL BUILDING FOR TROPICAL OR DESERT CLIMATES.	68	82	72,577	122	4,078	1,198	5,398
81110BT	GENERATING PLANT, 400 KW FIRM, 3-200 KW INSTALLED, 208Y/120 OR 416Y/240 VOLTS, 60 HERTZ OR 50 HERTZ AT 333 KW, IN PREFABRICATED STEEL BUILDING FOR TROPICAL OR DESERT CLIMATES.	85	196	156,062	219	7,312	559	8,090
81110BU	GENERATING PLANT, 600 KW FIRM, 4-200 KW INSTALLED, 208Y/120 OR 416Y/240 VOLTS, 60 HERTZ OR 50 HERTZ AT 500 KW, IN PREFABRICATED STEEL BUILDING FOR TROPICAL OR DESERT CLIMATES.	96	250	198,444	225	8,683	584	9,492

DESERT CLIMATE		CONSTRUCTION MATERIAL						
FACILITY NUMBER	DESCRIPTION	WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
81110BV	GENERATING PLANT, 800 KW FIRM, 5-200 KW INSTALLED, 208Y/120 OR 416Y/240 VOLTS, 60 HERTZ OR 50 HERTZ AT 667 KW, IN PREFABRICATED STEEL BUILDING FOR TROPICAL OR DESERT CLIMATES.	73	250	225,968	228	9,419	603	10,250
81110BW	GENERATING PLANT CONVERSION FROM 100 KW TO 200 KW FIRM, 208Y/120 OR 416Y/240 VOLTS, 60 HERTZ OR 50 HERTZ AT 167 KW, IN PREFABRICATED STEEL BUILDING FOR TROPICAL OR DESERT CLIMATES.	38	46	32,143	14	651	48	713
81110BY	GENERATING PLANT CONVERSION FROM 200 KW TO 300 KW FIRM, 208Y/120 OR 416Y/240 VOLTS, 60 HERTZ OR 50 HERTZ AT 250 KW, IN PREFABRICATED STEEL BUILDING FOR TROPICAL OR DESERT CLIMATES.	39	47	32,226	14	656	48	718
81110CA	GENERATING PLANT CONVERSION FROM 400 KW TO 600 KW FIRM, 208Y/120 OR 416Y/240 VOLTS, 60 HZ (OR 50 HZ AT 5/6 RATED KW) IN PREFAB STEEL BUILDING FOR TROPICAL OR DESERT CLIMATES.	68	112	80,656		1,346	25	1,371
81110CB	GENERATING PLANT CONVERSION FROM 600 KW TO 800 KW FIRM, 208Y/120 OR 416Y/240 VOLTS, 60 HZ (OR 50 HZ AT 5/6 RATED KW) IN PREFAB STEEL BUILDING FOR TROPICAL OR DESERT CLIMATES.	68	112	80,724		1,323	25	1,348
81110D6	GENERATOR PLANT 1000KW NOMINAL SIZE 1500KW UNSTALLED CAPACITY,USING THREE SKID MTD 4160-VOLT 500KW DIESEL ENGINE GENERATOR SETS,FOR TROPICAL AND DESERT CLIMATES	144	237	302,327	202	12,328	2,760	15,290
81110DH	GENERATOR PLANT 1500KW NOMINAL SIZE 2000KW INSTALLED CAPACITY,USING FOUR SKID MTD 4160-VOLT 500KW DIESEL ENGINE GENERATOR SETS,FOR TROPICAL AND DESERT CLIMATES	139	305	331,097	202	12,871	2,760	15,833
81110DJ	GENERATOR PLANT 2500KW NOMINAL SIZE 3000KW INSTALLED CAPACITY,USING SIX SKID MTD 4160-VOLT 500KW DIESEL ENGINE GENERATOR SETS,FOR TROPICAL AND DESERT CLIMATES	246	416	511,086	306	19,111	5,290	24,707
81110DK	GENERATOR PLANT 3000KW NOMINAL SIZE 4000KW INSTALLED CAPACITY,USING EIGHT SKID MTD 4160-VOLT 500KW DIESEL ENGINE GENERATOR SETS,FOR TROPICAL AND DESERT CLIMATES	247	564	619,356	338	19,766	5,566	25,670

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	CONSTRUCTION MATERIAL COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
81110DL	GENERATOR PLANT 3000KW NOMINAL SIZE 4500KW INSTALLED CAPACITY,USING THREE SKID MTD 4160-VOLT 1500KW DIESEL ENGINE GENERATOR SETS,FOR TROPICAL AND DESERT CLIMATES	217	445	685,135	281	9,485	3,910	13,676
81110DM	GENERATOR PLANT 3500KW NOMINAL SIZE 4500KW INSTALLED CAPACITY,USING NINE SKID MTD 4160-VOLT 500KW DIESEL ENGINE GENERATOR SETS,FOR TROPICAL AND DESERT CLIMATES	262	526	724,211	343	21,257	5,750	27,350
81110DN	GENERATOR PLANT 4500KW NOMINAL SIZE 6000KW INSTALLED CAPACITY,USING TWELVE SKID MTD 4160-VOLT 500KW DIESEL ENGINE GENERATOR SETS,FOR TROPICAL AND DESERT CLIMATES	195	704	918,384	405	28,396	8,303	37,104
81110DP	GENERATOR PLANT 6000KW NOMINAL SIZE 7500KW INSTALLED CAPACITY,USING FIVE SKID MTD 4160-VOLT 1500KW DIESEL ENGINE GENERATOR SETS,FOR TROPICAL AND DESERT CLIMATES	276	268	108,178	375	11,150	4,352	15,877
81110DR	GENERATOR PLANT 7500KW NOMINAL SIZE 9000KW INSTALLED CAPACITY,USING SIX SKID MTD 4160-VOLT 1500KW DIESEL ENGINE GENERATOR SETS,FOR TROPICAL AND DESERT CLIMATES	378	827	1,331,819	451	13,269	5,014	18,734
81110DT	GENERATOR PLANT 10500KW NOMINAL SIZE 13500KW INSTALLED CAPACITY,USING NINE SKID MTD 4160-VOLT 1500KW DIESEL ENGINE GENERATOR SETS,FOR TROPICAL AND DESERT CLIMATES	555	1,213	1,959,253	610	15,686	5,842	22,138
81110FA	GENERATING PLANT, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 48 BY 8, 15 KW FIRM, 2-15KW INSTALLED, TEMP CLIM FOR INT SEC 06-12; SEE FAC NO 81110AR	11	8	373				
81110FB	GENERATING PLANT, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 48 BY 8, 30 KW FIRM, 3-15KW INSTALLED, TEMP CLIM FOR INT SEC 06-12; SEE FAC NO 81110AT	11	8	373				
81110FC	GENERATING PLANT, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 48 BY 8, 45 KW FIRM, 4-15KW INSTALLED, TEMP CLIM FOR INT SEC 06-12; SEE FAC NO 81110AU	11	8	373				

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
81110FD	GENERATING PLANT, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 48 BY 8, 60 KW FIRM, 2-60KW INSTALLED, TEMP CLIM FOR INT SEC 06-12; SEE FAC NO 81110AV	11	8	373				
81110FE	GENERATING PLANT, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 60 BY 8, 100 KW FIRM, 2-100KW INSTALLED, TEMP CLIM FOR INT SEC 06-12; SEE FAC NO 81110AW	13	10	448				
81110FF	GENERATING PLANT, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 60 BY 8, 200 KW FIRM, 3-100KW INSTALLED, TEMP CLIM FOR INT SEC 06-12; SEE FAC NO 81110AY	13	10	448				
81110FG	GENERATING PLANT, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 48 BY 8, 15 KW FIRM, 2-15KW INSTALLED, DESERT/TROPIC CLIM FOR INT SEC 06-12; SEE FAC NO 81110AR	11	8	373				
81110FH	GENERATING PLANT, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 48 BY 8, 30 KW FIRM, 3-15KW INSTALLED, DESERT/TROPIC CLIM FOR INT SEC 06-12; SEE FAC NO 81110AT	11	8	373				
81110FJ	GENERATING PLANT, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 48 BY 8, 45 KW FIRM, 4-15KW INSTALLED, DESERT/TROPIC CLIM FOR INT SEC 06-12; SEE FAC NO 81110AU	14	9	491				
81110FK	GENERATING PLANT, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 48 BY 8, 60 KW FIRM, 2-60KW INSTALLED, DESERT/TROPIC CLIM FOR INT SEC 06-12; SEE FAC NO 81110AV	11	8	373				
81110FL	GENERATING PLANT, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 60 BY 8, 100 KW FIRM, 2-100KW INSTALLED, DESERT/TROPIC CLIM FOR INT SEC 06-12; SEE FAC NO 81110AW	13	10	448				

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
81110FM	GENERATING PLANT, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 60 BY 8, 200 KW FIRM, 3-100KW INSTALLED, DESERT/TROPIC CLIM FOR INT SEC 06-12; SEE FAC NO 81110AY	13	10	448				
81110FN	GENERATING PLANT, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 48 BY 8, 15 KW FIRM, 2-15KW INSTALLED, FRIGID CLIM FOR INT SEC 06-12; SEE FAC NO 81110AR	11	10	1,437				
81110FP	GENERATING PLANT, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 48 BY 8, 30 KW FIRM, 3-15KW INSTALLED, FRIGID CLIM FOR INT SEC 06-12; SEE FAC NO 81110AT	11	8	373				
81110FR	GENERATING PLANT, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 48 BY 8, 45 KW FIRM, 4-15KW INSTALLED, FRIGID CLIM FOR INT SEC 06-12; SEE FAC NO 81110AU	11	8	373				
81110FT	GENERATING PLANT, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 48 BY 8, 60 KW FIRM, 2-60KW INSTALLED, FRIGID CLIM FOR INT SEC 06-12; SEE FAC NO 81110AV	11	8	373				
81110FU	GENERATING PLANT, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 60 BY 8, 100 KW FIRM, 2-100KW INSTALLED, FRIGID CLIM FOR INT SEC 06-12; SEE FAC NO 81110AW	13	10	448				
81110FV	GENERATING PLANT, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 60 BY 8, 200 KW FIRM, 3-100KW INSTALLED, FRIGID CLIM FOR INT SEC 06-12; SEE FAC NO 81110AY	13	10	448				
81111AA	CONTROLLED NOISE SYSTEM FOR 100KW GENERATOR SET	209	166	14,596	191	1,303	299	1,793

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
81230AF	POLE-MOUNTED FLOODLIGHTING ASSEMBLY, SINGLE FLOODLIGHT			39		8		8
81230AG	POLE-MOUNTED FLOODLIGHTING ASSEMBLY, TWO FLOODLIGHTS			39		14		14
81230AH	POLE-MOUNTED FLOODLIGHTING ASSEMBLY, FOUR FLOODLIGHTS			66		22		22
81230AJ	OUTDOOR LIGHTING CIRCUIT SOURCE POLE TOP ASSEMBLY.			9		3		3
81230AK	CONSTRUCTION LIGHTING EQUIPMENT, PORTABLE, WITH GENERATORS, FLOODLIGHTS, LAMPHOLDERS AND ACCESSORIES FOR 31.5 KILOWATTS OF LIGHTING.	4	13	34,313				
81231AA	ELECTRICAL WIRING KIT, FLUORESCENT LIGHTING AND RECEPTACLE OUTLETS, 10 FOOTCANDLES, 480 SQUARE FEET, 8 TO 14 FEET MOUNTING HEIGHT, INCLUDING WIRING FOR VENTILATION EXHAUST FANS. THIS KIT ALSO IDENTIFIED WITH NSN 5410-00-773-6137.		1	613		97	24	121
81231AB	ELECTRICAL WIRING KIT, FLUORESCENT LIGHTING AND RECEPTACLE OUTLETS, 20 FOOTCANDLES, 480 SQUARE FEET, 8 TO 14 FEET MOUNTING HEIGHT, INCLUDING WIRING FOR VENTILATION EXHAUST FANS. THIS KIT ALSO IDENTIFIED WITH NSN 5410-00-773-6147.		1	657		106	26	132
81231AC	ELECTRICAL WIRING KIT, INCANDESCENT LIGHTING AND RECEPTACLE OUTLETS, 10 FOOTCANDLES, 480 SQUARE FEET, 8 TO 14 FEET MOUNTING HEIGHT, INCLUDING WIRING FOR VENTILATION FANS			550		63		63
81231AD	ELECTRICAL WIRING KIT, INCANDESCENT LIGHTING AND RECEPTACLE OUTLETS, 20 FOOTCANDLES, 480 SQUARE FEET, 8 TO 14 FEET MOUNTING HEIGHT, INCLUDING WIRING FOR VENTILATION FANS			551		63		63
81231AE	ELECTRICAL WIRING KIT, MERCURY VAPOR LIGHTING AND RECEPTACLE OUTLETS, 20 FOOTCANDLES, 1600 SF, 20 FT MOUNTING HEIGHT			1,389		90		90
81231AF	ELECTRICAL WIRING KIT,FLUORESCENT LIGHTING AND RECEPTACLE 150 SQUARE FEET,8 TO 10 FT.MOUNTING HEIGHT.CORRIDOR LIGHT. MOUNTING HEIGHTS,INCLUDING WIRING FOR VENTILATION EXHAUST FANS.		1	438		58	12	70

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
81231AG	ELECTRICAL WIRING KIT,FLUORESCENT LIGHTING,20FOOTCANDLES, 150 SQUARE FEET,8 TO 10 FOOT MOUNTING HEIGHT. MOUNTING HEIGHTS,INCLUDING WIRING FOR VENTILATION EXHAUST FANS. OFFICE LIGHTING.		1	436		58	12	70
81231AH	ELECTRICAL KIT,GENERAL CONSTRUCTION MATERIAL TO SUPPORT WIRING OF FACILITY INTERIOR LAYOUTS.			17		7	2	9
81231AK	COMPLETER ELECTRICAL KIT FOR 2400 SQUARE FOOT VEHICLE MAINTENANCE BUILDING PLAN TYPE 2			552		74	14	88
81231AL	COMPLETER ELECTRICAL KIT - 3600 SQUARE FOOT VEHICLE MAINTENANCE BUILDING, PLAN TYPE 4			667		91	18	109
81231AM	COMPLETER ELECTRICAL KIT - 4800 SQUARE FOOT VEHICLE MAINTENANCE BUILDING, PLAN TYPE 11			588		124	24	148
81231AP	ELECTRICAL KIT FOR VEHICLE REPAIR BAY SUBFACILITY-(WOOD OR METAL CONSTRUCTION) ALL CLIMATES	1	3	1,689		177	36	213
81231AR	ELECTRICAL KIT FOR 1200 SQUARE FOOT CORE SUBFACILITY-(WOOD OR METAL CONSTRUCTION) ALL CLIMATES	1	4	2,275		309	62	371
81231AT	ELECTRICAL KIT FOR 2400 SQUARE FOOT CORE SUBFACILITY-(WOOD OR METAL CONSTRUCTION) ALL CLIMATES	2	8	4,258	7	987	62	1,056
81231BA	ELECTRICAL KIT FOR GENERAL PURPOSE TENT; MEDIUM; USED AS BARRACKS. ONE 2 ELEMENT LIGHTING FIXTURE AND 4 DUPLEX OUTLETS. 120/240 VOLT SERVICE			274				
81231BB	ELECTRICAL KIT FOR GENERAL PURPOSE TENT; LARGE; USED AS QUARTERS. ONE 2 ELEMENT LIGHTING FIXTURE AND 8 DUPLEX OUTLETS. 120/240 VOLT SERVICE			386				

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
81231BC	ELECTRICAL KIT FOR GENERAL PURPOSE TENT; LARGE; USED AS STORAGE; WARD AND WAREHOUSE. TWO 2 ELEMENT LIGHTING FIXTURES AND 8 DUPLEX OUTLETS. 120/240 VOLT SERVICE			414				
81231BD	ELECTRICAL KIT FOR GENERAL PURPOSE TENT; MEDIUM; USED AS MESS. TWO 2 ELEMENT LIGHTING FIXTURES AND 4 DUPLEX OUTLETS 120/240 VOLT SERVICE			298				
81231BE	ELECTRICAL KIT FOR GENERAL PURPOSE TENT; LARGE; USED AS WRITING AREAS. FOUR 2 ELEMENT LIGHTING FIXTURES AND 8 DUPLEX OUTLETS. 120/240 VOLT SERVICE		1	470				
81231BF	ELECTRICAL KIT FOR GENERAL PURPOSE TENT; LARGE; USED AS RECREATION; BATH; KITCHEN AND GENERAL WORK AREA. SIX 2 ELEMENT LIGHTING FIXTURES AND 8 DUPLEX OUTLETS 120/2140 VOLT SERVICE		1	525				
81231BG	ELECTRICAL KIT FOR GENERAL PURPOSE TENT; MEDIUM; USED AS LABORATORY; READING AND PX. FIVE 2 ELEMENT LIGHTING FIXTURES AND 4 DUPLEX OUTLETS 120/240 VOLT SERVICE		1	372				
81231BH	ELECTRICAL KIT FOR GENERAL PURPOSE TENT; LARGE; USED AS PHARMACY. NINE 2 ELEMENT LIGHTING FIXTURES AND 8 DUPLEX OUTLETS. 120/214 VOLT SERVICE		1	608				
81231BJ	ELECTRICAL KIT FOR GENERAL PURPOSE TENT; LARGE; USED AS OFFICE; LAUNDRY AND SHOPS. TWELVE 2 ELEMENT LIGHTING FIXTURES AND 8 DUPLEX OUTLETS. 120/240 VOLT SERVICE		2	690				
81240AB	ELECTRICAL GENERATION & DISTRIBUTION FOR POL PUMP STATION, 6 IN PIPELINE, WITH ONE OR TWO DIESEL ENGINE DRIVEN PUMPS. SERVES HEATING & LIGHTING IN PUMP SHED, ADMIN. BLDG., LATRINE, OUTDOOR LIGHTING, AND AUXILIARY MOTORS.	3	6	14,092	81	276	175	532
81240AG	ELECTRICAL DISTRIBUTION FOR MARINE RAILWAY REPAIR INSTALLATION INCLUDING OUTSIDE LIGHTING.	5	7	4,589	58	920	403	1,381

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
81240AJ	ELECTRICAL DISTRIBUTION FOR DRY CARGO COVERED STORAGE, 12000 SF, TEMPORARY STANDARD		1	526	6	26	23	55
81240AK	ELECTRICAL DISTRIBUTION FOR DRY CARGO COVERED STORAGE, 25000 SF, TEMPORARY STANDARD	1	1	793	7	33	29	69
81240AL	ELECTRICAL DISTRIBUTION FOR DRY CARGO COVERED STORAGE, 50000 SF, TEMPORARY STANDARD	1	2	1,146	9	35	46	90
81240AM	ELECTRICAL DISTRIBUTION FOR DRY CARGO COVERED STORAGE, 100000 SF, TEMPORARY STANDARD	2	2	1,769	14	94	98	206
81240DC	POLE TOP ASSEMBLY, 13.8 KV, 3-PHASE CROSSARM CONSTRUCTION, SINGLE PRIMARY SUPPORT, 0 TO 5 DEGREE ANGLE.			55		8		8
81240DD	POLE TOP ASSEMBLY, 13.8 KV, 3-PHASE CROSSARM CONSTRUCTION, HEAVY CONDUCTOR, 0 TO 5 DEGREE ANGLE.			62		10		10
81240DE	POLE TOP ASSEMBLY, 13.8 KV, 3-PHASE CROSSARM CONSTRUCTION, DOUBLE PRIMARY SUPPORT, 5 TO 30 DEGREE ANGLE.			100		14		14
81240DF	POLE TOP ASSEMBLY, 13.8 KV, 3-PHASE CROSSARM CONSTRUCTION, DOUBLE PRIMARY SUPPORT, HEAVY CONDUCTOR, 5 TO 30 DEGREE ANGLE.			64		16		16
81240DG	POLE TOP ASSEMBLY, 13.8 KV, 3-PHASE VERTICAL CONSTRUCTION, 30 TO 60 DEGREE ANGLE, FOR COPPER CONDUCTORS NO. 6 THRU 000			67		6		6
81240DH	POLE TOP ASSEMBLY, 13.8 KV, 3-PHASE VERTICAL CONSTRUCTION, 60 TO 90 DEGREE ANGLE, FOR COPPER CONDUCTORS NO. 6 THRU 2.			146		14		14
81240DJ	POLE TOP ASSEMBLY, 13.8 KV, 3-PHASE CROSSARM CONSTRUCTION, 30 TO 60 DEGREE ANGLE, FOR COPPER CONDUCTORS NO. 6 THRU 2.			111		14		14
81240DK	POLE TOP ASSEMBLY, 13.8 KV, 3-PHASE CROSSARM CONSTRUCTION, DOUBLE DEADEND, LARGE CONDUCTORS.			184		16		16

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
81240DL	POLE TOP ASSEMBLY, 13.8 KV, 3-PHASE CROSSARM CONSTRUCTION, DOUBLE CIRCUIT, SINGLE PRIMARY SUPPORT, 0 TO 5 DEGREE ANGLE.			65		16		16
81240DM	POLE TOP ASSEMBLY, 13.8 KV, 3-PHASE CROSSARM CONSTRUCTION, DOUBLE CIRCUIT, DOUBLE PRIMARY SUPPORT, 0 TO 5 DEGREE ANGLE.			134		29		29
81240DN	POLE TOP ASSEMBLY, 13.8 KV, 3-PHASE CROSSARM CONSTRUCTION, DOUBLE CIRCUIT, DOUBLE PRIMARY SUPPORT, 5 TO 30 DEGREE ANGLE.			134		29		29
81240DP	POLE TOP ASSEMBLY, 13.8 KV, 3-PHASE VERTICAL CONSTRUCTION, DOUBLE CIRCUIT, 30 TO 60 DEGREE ANGLE. FOR COPPER CONDUCTORS AWG NO. 00 THROUGH 350 MCM.			146		10		10
81240DR	POLE TOP ASSEMBLY, 13.8 KV, 3-PHASE VERTICAL CONSTRUCTION, DOUBLE CIRCUIT, 60 TO 90 DEGREE ANGLE. FOR COPPER CONDUCTORS AWG NO. 00 THROUGH 350 MCM.			470		31		31
81240DT	POLE TOP ASSEMBLY, 13.8 KV, 3-PHASE CROSSARM CONSTRUCTION, DOUBLE CIRCUIT, DOUBLE DEADEND.			365		37		37
81240DU	POLE TOP ASSEMBLY, 13.8 KV, 3-PHASE CROSSARM CONSTRUCTION, DOUBLE CIRCUIT, 3-PHASE TAP AT 0 TO 5 DEGREE ANGLE.			171		31		31
81240DV	DOWN GUY ASSEMBLY, 3/8 INCH STRAND, FOR PRIMARY AND SECONDARY LINES.			55		3		3
81240DW	OVERHEAD GUY ASSEMBLY, 3/8 INCH STRAND, FOR PRIMARY AND SECONDARY LINES.			70		3		3
81240DY	DOUBLE DOWN GUY ASSEMBLY, 3/8 INCH STRAND, FOR PRIMARY AND SECONDARY LINES.			77		6		6
81240EA	LINE ANCHOR ASSEMBLY, EXPANDING TYPE, 10000 LBS. (4536 KG.) NOMINAL HOLDING POWER.			4		3		3
81240EB	LINE ANCHOR ASSEMBLY, LOG TYPE, 10000 LBS. (4536 KG.) NOMINAL HOLDING POWER.			8		3	6	9

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
81240EC	POLE TOP OR UNDERBUILD ASSEMBLY, SECONDARY LINE, TWO ATTACHMENTS.			121		8		8
81240ED	POLE TOP OR UNDERBUILD ASSEMBLY, SECONDARY LINE, FOUR ATTACHMENTS.			200		8		8
81240EE	POLE TOP OR UNDERBUILD ASSEMBLY, SECONDARY LINE, SIX ATTACHMENTS.			324		756		756
81240EF	POLE TOP ASSEMBLY,13.8 KV, 3-PHASE CROSSARM CONSTRUCTION, 30 TO 60 DEGREE ANGLE, FOR COPPER CONDUCTORS AWG NO. 0 THROUGH 350 MCM.			156		14		14
81240EG	POLE TOP ASSEMBLY 13.8 KV, 3-PHASE CROSSARM CONSTRUCTION, 30 TO 60 DEGREE ANGLE, FOR ACSR CONDUCTORS AWG NO. 2 THROUGH 336.4 MCM.			156		14		14
81240EH	POLE TOP ASSEMBLY, 13.8 KV, 3-PHASE CROSSARM CONSTRUCTION, 30 TO 60 DEGREE ANGLE, FOR ACSR CONDUCTORS 477 MCM THROUGH 636 MCM.			108		14		14
81240EJ	POLE TOP ASSEMBLY, 13.8 KV, 3-PHASE VERTICAL CONSTRUCTION, 60 TO 90 DEGREE ANGLE, FOR COPPER CONDUCTORS AWG NO. 0 THROUGH 350 MCM.			237		14		14
81240EK	POLE TOP ASSEMBLY, 13.8 KV, 3-PHASE VERTICAL CONSTRUCTION, 60 TO 90 DEGREE ANGLE, FOR ACSR CONDUCTORS AWG NO. 2 THROUGH 336.4 MCM.			237		14		14
81240EL	POLE TOP ASSEMBLY 13.8 KV 3 PHASE VERTICAL CONSTRUCTION,			141		14		14
81240EM	POLE TOP ASSEMBLY 13.8 KV 3 PHASE VERTICAL CONSTRUCTION,			73		6		6
81240EN	POLE TOP ASSEMBLY 13.8 KV 3 PHASE VERTICAL CONSTRUCTION,			71		6		6
81240EP	POLE TOP ASSEMBLY 13.8 KV 3 PHASE VERTICAL CONSTRUCTION,			70		6		6

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
81240GA	ELECTRICAL DISTRIBUTION SYSTEM, ONE MILE PRIMARY LINE, 3-PHASE, 3-WIRE, 15 KV, NO. 6 COPPER.	15	16	8,618	121	1,087	598	1,806
81240GB	ELECTRICAL DISTRIBUTION SYSTEM, ONE MILE PRIMARY LINE, 3-PHASE, 3-WIRE, 15 KV, NO. 4 COPPER.	18	36	7,479	144	1,190	736	2,070
81240GC	ELECTRICAL DISTRIBUTION SYSTEM, ONE MILE PRIMARY LINE, 3-PHASE, 3-WIRE, 15 KV, NO. 2 COPPER.	18	19	8,288	155	1,300	771	2,226
81240GD	ELECTRICAL DISTRIBUTION SYSTEM, ONE MILE PRIMARY LINE, 3-PHASE, 3-WIRE, 15 KV, NO. 0 COPPER.	19	25	11,821	178	1,484	845	2,507
81240GE	REEFERS AND LOADED CONTAINERS-POWER AND LIGHTNING,GENERAL CARGO PORT-TEMPERATE CLIMATE DWG 1105-1115,SHT 1	713	949	2,829,933	1,617	41,400	2,300	45,317
81240GF	AREA ILLUMINATION, GENERAL CARGO PORT - TEMPERATE CLIMATE DWG 1105-1115,SHT 1	27	30	93,469	64	1,352		1,416
81240GG	ELEC AERIAL DISTRIBUTION - GENERAL CARGO PORT - TEMPERATE CLIMATE DWG 1105-1115,SHT 1	29	23	60,429	18	1,840		1,858
81240GH	FIRE PUMP STATION, GENERAL CARGO PORT - TEMPERATE CLIMATE DWG 1105-1115,SHT 1	10	19	53,428	28	938		966
81240GJ	PIERS-MAIN FEEDERS AND DISTRIBUTION EQUIPMENT,GENERAL CARGO PORT - TEMPERATE CLIMATE DWG 1105-1115,SHT 1	27	57	103,840	75	1,665		1,740
81240GK	POWER DISTRIBUTION,DISTRIBUTION EQUIPMENT AND ROADWAY LIGHTING, AMMUNITION CARGO PORT - TEMPERATE CLIMATE DWG 1105-1115,SHT 2	1,794	2,106	2,393,611	6,606	52,918		59,524
81240GL	LOADED CONTAINER AREA ILLUMINATION,AMMUNITION CARGO PORT TEMPERATE CLIMATE DWG 1105-1115,SHT 2	89	95	333,681	745	4,692		5,437
81240GM	FIRE PUMP STATION, AMMUNITION CARGO PORT TEMPERATE CLIMATE DWG 1105-1115,SHT 2	6	6	36,943	9	414		423

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
81240GN	PIERS-MAIN FEEDERS, AMMUNITION CARGO PORT TEMPERATE CLIMATE DWG 1105-1115,SHT 2	27	28	74,971	9	1,518		1,527
81240GP	FENCE LIGHTING, AMMUNITION CARGO PORT - TEMPERATE CLIMATE DWG 1105-1115,SHT 2	58	65	293,348	575	4,186		4,761
81240HA	ELECTRICAL DISTRIBUTION SYSTEM FOR 10 REPAIR BAY VEHICLE MAINTENANCE INSTALLATION	19	21	15,370	13	1,972	122	2,107
81240HB	ELECTRICAL DISTRIBUTION SYSTEM FOR 20 REPAIR BAY VEHICLE MAINTENANCE INSTALLATION	28	42	27,991	2	26	2	30
81240HC	ELECTRICAL DISTRIBUTION SYSTEM FOR 375 MAN TROOP CAMP, TEMPORARY STANDARD,ALL CLIMATES,154 KVA	11	12	9,205	69	690	46	805
81240HD	ELECTRICAL SYSTEM FOR 500 MAN TROOP CAMP HEADQUARTERS, TEMPORARY STANDARD,ALL CLIMATES	3	4	993	21	230	28	279
81240HE	ELECTRICAL DISTRIBUTION SYSTEM FOR 500 MAN TROOP CAMP CORRIDORS,TEMPORARY STANDARD,ALL CLIMATES,321 KVA	8	8	3,274	18	207	23	248
81240HF	ELECTRICAL SYSTEM FOR 1000 MAN TROOP CAMP HEADQUARTERS, TEMPORARY STANDARD,ALL CLIMATES	5	5	3,777	28	253	41	322
81240HG	ELECTRICAL DISTRIBUTION SYSTEM FOR 1000 MAN TROOP CAMP CORRIDORS,TEMPORARY STANDARD,ALL CLIMATES,590 KVA	10	11	1,942	25	230	37	292
81240HH	ELECTRICAL SYSTEM FOR PARKING AND MAINTENANCE TEMPORARY STANDARD,ALL CLIMATES	4	4	1,866	21	230	28	279
81240HJ	ELECTRICAL SYSTEM FOR 3000 MAN TROOP CAMP HEADQUARTERS, TEMPORARY STANDARD,ALL CLIMATES	5	5	2,797	35	288	46	369
81240HK	ELECTRICAL DISTRIBUTION SYSTEM FOR 3000 MAN TROOP CAMP	11	10	7,908	32	276	44	352
81240HL	ELECTRICAL DIST SYSTEM FOR 5000 MAN TROOP CAMP HEADQUARTERS TEMPORARY STANDARD,ALL CLIMATES	3	4	2,346	41	313	69	423

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
81240HM	ELECTRICAL DISTRIBUTION SYSTEM FOR 5000 MAN TROOP CAMP CORRIDORS,TEMPORARY STANDARD,ALL CLIMATES,2.9 MVA	18	18	8,515	37	304	55	396
81241AA	ELECTRICAL DISTRIBUTION SYSTEM FOR MEDICAL SUPPLY, OPTICAL AND MAINTENANCE UNIT, ALL CLIMATES	39	239	68,886	263	1,313	263	1,839
81242BE	ELECTRICAL DISTRIBUTION FOR SIGINT INSTALLATION ALL CLIMATES,TEMPORARY STANDARD.	29,174	332,893	45,114,371	230	690	690	1,610
81242BF	ELECTRICAL DISTRIBUTION FOR SIGINT STATION	46,648	231,959	73,694,001	115	345	345	805
81260AA	TRANSFORMER ASSEMBLY, 5 KVA SINGLE PHASE, 4160-120/240 VOLTS FOR EXISTING CONVENTIONAL TRANSFORMERS.	1	1	733		55		55
81260AB	TRANSFORMER ASSEMBLY, 10 KVA SINGLE PHASE, 4160-120/240 VOLTS, FOR EXISTING CONVENTIONAL TRANSFORMERS.	1	1	790		58		58
81260AC	TRANSFORMER ASSEMBLY, 15 KVA SINGLE PHASE, 4160-120/240 VOLTS, FOR EXISTING CONVENTIONAL TRANSFORMERS.	1	1	787		60		60
81260AD	TRANSFORMER ASSEMBLY, 25 KVA SINGLE PHASE, 4160-120/240 VOLTS, FOR EXISTING CONVENTIONAL TRANSFORMERS.	1	1	592		63		63
81260AE	TRANSFORMER ASSEMBLY,5KVA SINGLE PHASE,4160-120/240.VOLTS,F OR SELF-PROTECTED TRANSFORMERS	1	1	838		55		55
81260AF	TRANSFORMER ASSEMBLY, 10 KVA SINGLE PHASE, 4160-120/240 VOLTS, FOR SELF-PROTECTED TRANSFORMERS.	1	1	716		58		58
81260AG	TRANSFORMER ASSEMBLY, 15 KVA SINGLE PHASE, 4160-120/240 VOLTS, FOR SELF-PROTECTED TRANSFORMERS.	1	1	731		60		60
81260AH	TRANSFORMER ASSEMBLY, 25 KVA SINGLE PHASE, 4160-120/240 VOLTS, FOR SELF-PROTECTED TRANSFORMERS.	1	1	668		63		63
81260AJ	TRANSFORMER ASSEMBLY, 15 KVA THREE PHASE, 4160-208Y/120 VOLTS, FOR EXISTING CONVENTIONAL TRANSFORMERS.	1	2	1,276		81		81

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
81260AK	TRANSFORMER ASSEMBLY, 30 KVA THREE PHASE, 4160-208Y/120 VOLTS, FOR EXISTING CONVENTIONAL TRANSFORMERS.	1	2	1,252		86		86
81260AL	TRANSFORMER ASSEMBLY, 45 KVA THREE PHASE, 4160-208Y/120 VOLTS, FOR EXISTING CONVENTIONAL TRANSFORMERS.	1	2	1,543		91		91
81260AM	TRANSFORMER ASSEMBLY, 75 KVA THREE PHASE, 4160-208Y/120 VOLTS, FOR EXISTING CONVENTIONAL TRANSFORMERS.	2	2	1,650		97		97
81260AN	TRANSFORMER ASSEMBLY, 112 KVA THREE PHASE, 4160-208Y/120 VOLTS, FOR EXISTING CONVENTIONAL TRANSFORMERS.	2	2	1,530		104		104
81260AP	TRANSFORMER ASSEMBLY, 150 KVA THREE PHASE, 4160-208Y/120 VOLTS, FOR EXISTING CONVENTIONAL TRANSFORMERS.	2	2	2,259		112		112
81260AR	TRANSFORMER ASSEMBLY, 225 KVA THREE PHASE, 4160-208Y/120 VOLTS, FOR EXISTING CONVENTIONAL TRANSFORMERS.	3	3	2,898		120		120
81260AT	TRANSFORMER ASSEMBLY, 300 KVA THREE PHASE, 4160-208Y/120 VOLTS, FOR EXISTING CONVENTIONAL TRANSFORMERS.	3	4	3,491		128		128
81260AU	TRANSFORMER ASSEMBLY, 30 KVA THREE PHASE, 4160-208Y/120 VOLTS, FOR SELF-PROTECTED TRANSFORMERS.	1	2	1,574		86		86
81260AV	TRANSFORMER ASSEMBLY, 45 KVA THREE PHASE, 4160-208Y/120 VOLTS, FOR SELF-PROTECTED TRANSFORMERS.	1	2	1,624		91		91
81260AW	TRANSFORMER ASSEMBLY, 75 KVA THREE PHASE, 4160-208Y/120 VOLTS, FOR SELF-PROTECTED TRANSFORMERS.	2	2	1,922		97		97
81260AY	TRANSFORMER ASSEMBLY, 112 KVA THREE PHASE, 4160-208Y/120 VOLTS, FOR SELF-PROTECTED TRANSFORMERS.	2	2	1,607		104		104
81260BA	TRANSFORMER ASSEMBLY, 150 KVA THREE PHASE, 4160-208Y/120 VOLTS, FOR SELF-PROTECTED TRANSFORMERS.	2	2	2,674		112		112
81260BB	TRANSFORMER ASSEMBLY, 225 KVA THREE PHASE, 4160-208Y/120 VOLTS, FOR SELF-PROTECTED TRANSFORMERS.	3	3	3,491		120		120

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
81260BC	TRANSFORMER ASSEMBLY, 300 KVA THREE PHASE, 4160-208Y/120 VOLTS, FOR SELF-PROTECTED TRANSFORMERS.	3	4	4,049		128		128
81260BD	TRANSFORMER ASSEMBLY, 5 KVA SINGLE PHASE, 13800-120/240 VOLTS, FOR EXISTING CONVENTIONAL TRANSFORMERS.	1	1	684		55		55
81260BE	TRANSFORMER ASSEMBLY, 10 KVA SINGLE PHASE, 13800-120/240 VOLTS, FOR EXISTING CONVENTIONAL TRANSFORMERS.	1	1	739		58		58
81260BF	TRANSFORMER ASSEMBLY, 15 KVA SINGLE PHASE, 13800-120/240 VOLTS, FOR EXISTING CONVENTIONAL TRANSFORMERS.	1	1	824		60		60
81260BG	TRANSFORMER ASSEMBLY, 25 KVA SINGLE PHASE, 13800-120/240 VOLTS, FOR EXISTING CONVENTIONAL TRANSFORMERS.	1	1	672		63		63
81260BH	TRANSFORMER ASSEMBLY, 10 KVA SINGLE PHASE, 13800-120/240 VOLTS, FOR SELF-PROTECTED TRANSFORMERS.	1	1	683		58		58
81260BJ	TRANSFORMER ASSEMBLY, 15 KVA SINGLE PHASE, 13800-120/240 VOLTS, FOR SELF-PROTECTED TRANSFORMERS.	1	1	750		60		60
81260BK	TRANSFORMER ASSEMBLY, 25 KVA SINGLE PHASE, 13800-120/240 VOLTS, FOR SELF-PROTECTED TRANSFORMERS.	1	1	815		63		63
81260BL	TRANSFORMER ASSEMBLY, 15 KVA THREE PHASE, 13800-208Y/120 VOLTS, FOR EXISTING CONVENTIONAL TRANSFORMERS.	1	2	1,456		81		81
81260BM	TRANSFORMER ASSEMBLY, 30 KVA THREE PHASE, 13800-208Y/120 VOLTS, FOR EXISTING CONVENTIONAL TRANSFORMERS.	1	2	1,435		86		86
81260BN	TRANSFORMER ASSEMBLY, 45 KVA THREE PHASE, 13800-208Y/120 VOLTS, FOR EXISTING CONVENTIONAL TRANSFORMERS.	2	2	1,630		91		91
81260BP	TRANSFORMER ASSEMBLY, 75 KVA THREE PHASE, 13800-208Y/120 VOLTS, FOR EXISTING CONVENTIONAL TRANSFORMERS.	2	2	1,839		97		97
81260BR	TRANSFORMER ASSEMBLY, 112 KVA THREE PHASE, 13800-208Y/120 VOLTS, FOR EXISTING CONVENTIONAL TRANSFORMERS.	2	3	2,279		104		104

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
81260BT	TRANSFORMER ASSEMBLY, 150 KVA THREE PHASE, 13800-208Y/120 VOLTS, FOR EXISTING CONVENTIONAL TRANSFORMERS.	2	3	2,456		112		112
81260BU	TRANSFORMER ASSEMBLY, 225 KVA THREE PHASE, 13800-208Y/120 VOLTS, FOR EXISTING CONVENTIONAL TRANSFORMERS.	3	3	3,155		120		120
81260BV	TRANSFORMER ASSEMBLY, 300 KVA THREE PHASE, 13800-208Y/120 VOLTS, FOR EXISTING CONVENTIONAL TRANSFORMERS.	3	4	3,746		128		128
81260BW	TRANSFORMER ASSEMBLY, 30 KVA THREE PHASE, 13800-208Y/120 VOLTS, FOR SELF-PROTECTED TRANSFORMERS.	1	2	1,446		86		86
81260BY	TRANSFORMER ASSEMBLY, 45 KVA THREE PHASE, 13800-208Y/120 VOLTS, FOR SELF-PROTECTED TRANSFORMERS.	2	2	1,649		91		91
81260CA	TRANSFORMER ASSEMBLY, 75 KVA THREE PHASE, 13800-208Y/120 VOLTS, FOR SELF-PROTECTED TRANSFORMERS.	2	2	1,865		97		97
81260CB	TRANSFORMER ASSEMBLY, 112 KVA THREE PHASE, 13800-208Y/120 VOLTS, FOR SELF-PROTECTED TRANSFORMERS.	2	2	2,320		104		104
81260CC	TRANSFORMER ASSEMBLY, 150 KVA THREE PHASE, 13800-208Y/120 VOLTS, FOR SELF-PROTECTED TRANSFORMERS.	2	3	2,504		112		112
81260CD	TRANSFORMER ASSEMBLY, 225 KVA THREE PHASE, 13800-208Y/120 VOLTS, FOR SELF-PROTECTED TRANSFORMERS.	3	3	3,230		120		120
81260CE	TRANSFORMER ASSEMBLY, 300 KVA THREE PHASE, 13800-208Y/120 VOLTS, FOR SELF-PROTECTED TRANSFORMERS.	3	4	3,788		128		128
81320AA	SUBSTATION FOR GENERATING PLANT WITH THREE OR FIVE 1500 KW UNITS - 3 FEEDERS AT 4160 VOLTS FOR TEMPERATE, TROPICAL, AND DESERT CLIMATES.	18	16	11,712	248	2,237	130	2,615
81320AB	SUBSTATION FOR GENERATING PLANT WITH THREE 1500 KW UNITS - 3 FEEDERS AT 13800 VOLTS FOR TEMPERATE, TROPICAL, AND DESERT CLIMATES.	26	21	12,841	196	2,407	131	2,734

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
81320AC	SUBSTATION FOR GENERATING PLANT WITH NINE OR TWELVE 500 KW UNITS - 4 FEEDERS AT 4160 VOLTS; 3 FEEDERS AT 13800 VOLTS FOR TEMPERATE, TROPICAL, AND DESERT CLIMATES.	24	18	10,813	56	2,303	107	2,466
81320AD	SUBSTATION FOR GENERATING PLANT WITH FIVE 1500 KW UNITS - 3 FEEDERS AT 4160 VOLTS; 3 FEEDERS AT 13800 VOLTS FOR TEMPERATE, TROPICAL, AND DESERT CLIMATES.	52	41	23,314	416	4,148	437	5,001
81320AE	SUBSTA 6 MW 6-13800V FDRS CLIM 5 6 FEEDERS AT 13800 VOLTS FOR TEMPERATE, TROPICAL, AND DESERT CLIMATES.	53	42	23,895	413	4,164	427	5,004
81320AF	SUBSTATION FOR GENERATING PLANT WITH SIX 1500 KW UNITS - 6 FEEDERS AT 4160 VOLTS FOR TEMPERATE, TROPICAL, AND DESERT CLIMATES.	37	31	29,898	431	5,402	466	6,299
81320AG	SUBSTATION FOR GENERATING PLANT WITH SIX 1500 KW UNITS - 2 FEEDERS AT 4160 VOLTS; 3 FEEDERS AT 13800 VOLTS FOR TEMPORATE, TROPICAL, AND DESERT CLIMATES.	54	42	28,692	507	4,773	442	5,722
81320AH	SUBSTATION FOR GENERATING PLANT WITH SIX 1500 KW UNITS - 6 FEEDERS AT 13800 VOLTS FOR TEMPERATE, TROPICAL, AND DESERT CLIMATES.	54	42	24,825	506	4,334	437	5,277
81320AJ	SUBSTATION FOR GENERATING PLANT WITH NINE 1500 KW UNITS - 5 FEEDERS AT 4160 VOLTS FOR TEMPERATE, TROPICAL, AND DESERT CLIMATES.	56	46	43,031	1,346	7,345	507	9,198
81320AK	SUBSTATION FOR GENERATING PLANT WITH NINE 1500 KW UNITS - 6 FEEDERS AT 4160 VOLTS; 3 FEEDERS AT 13800 VOLTS FOR TEMPERATE, TROPICAL, AND DESERT CLIMATES.	61	50	39,306	986	6,678	530	8,194
81320AL	SUBSTATION FOR GENERATING PLANT WITH NINE 1500 KW UNITS - 3 FEEDERS AT 4160 VOLTS; 6 FEEDERS AT 13800 VOLTS FOR TEMPERATE, TROPICAL, AND DESERT CLIMATES.	70	55	41,890	952	6,905	738	8,595
81320AM	SUBSTATION FOR GENERATING PLANT WITH NINE 1500 KW UNITS - 9 FEEDERS AT 13800 VOLTS FOR TEMPERATE, TROPICAL, AND DESERT CLIMATES.	76	59	42,067	721	6,826	596	8,143

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
82140FA	WATER DISTRIBUTION SYSTEM, ALL CLIMATES	2	1	5,869	21	41	41	103
82190AA	HEATER 70,000 BTU. THIS FACILITY SATISFIES A REQUIREMENT OF MILITARY PLANNERS AND THERE ARE NO DRAWINGS IN TM5-302. DATA SUPPLIED BY DAEN-SG IN DEC 1977.			368		23		23
82191BB	BARRACKS, ARCH, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 50 BY 8, DESERT/TROPIC CLIM	6	4	920	17	428	133	578
82209AA	STEAM SYSTEM-GEN. CARGO PORT,ONSHORE DWG FP1105-1115,SHT3	19	125	47,913	676	2,329	1,352	4,357
82209AB	STEAM SYSTEM BREAKBULK/RO-RO PIER DWG FP1105-1115,SHT3	19	133	64,284	856	1,978	1,334	4,168
82209AC	STEAM SYSTEM-CONTAINER PIER DWG FP1105-1115,SHT 3	23	95	50,430	559	1,312	874	2,745
82610CB	COMFORT ROOF VENTILATION SET FOR 20X48FT WOOD FRAME BARRACK CONSISTING OF THREE 16-IN DIA FANS RATED AT 1600 CFM EACH COMPLETE W/INSTL ACCESSORIES TOTAL AIR EXHAUSTED FROM SPACE 4800 CFM		1	189		5		5
83110AA	SEWAGE PACKAGE PLANT, COMPLETE MIX ACTIVATED SLUDGE. PRIMARY AND SECONDARY TREATMENT, 25000 GPD SINGLE UNIT	140	302	83,420	79	5,213	345	5,637
83110AB	SEWAGE PACKAGE PLANT, COMPLETE MIX ACTIVATED SLUDGE PRIMARY AND SECONDARY TREATMENT 50000 GPD SINGLE UNIT	172	392	107,220	84	5,819	518	6,421
83110AC	SEWAGE PACKAGE PLANT, COMPLETE MIX ACTIVATED SLUDGE PRIMARY AND SECONDARY TREATMENT 75000 GPD USING 1-25000 GPD AND 1-50000 GPD PLANTS PLACED IN SERIES WITH ALL ANCILLARY EQUIPMENT	263	526	144,585	104	6,739	692	7,535
83110AD	SEWAGE PACKAGE PLANT COMPLETE MIX ACTIVATED SLUDGE PRIMARY AND SECONDARY TREATMENT, 100000 GPD USING 2-50000 GPD PLANTS PLACED IN SERIES WITH ALL ANCILLARY EQUIPMENT	309	625	169,902	112	7,132	853	8,097

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
83110AE	SEWAGE PACKAGE PLANT, COMPLETE MIX ACTIVATED SLUDGE PRIMARY AND SECONDARY TREATMENT, 150000 GPD PLANT USING 3-50000 GPD PLANTS PLACED IN SERIES WITH ALL ANCILLARY EQUIPMENT	413	830	218,335	140	8,724	1,196	10,060
83110AV	SLUDGE DRYING BED, 30000 GAL PER DAY, UNIT FOR SEWAGE DISPO SAL PLANT		1	425	14	44	219	277
83110AW	SLUDGE DRYING BED, 100000 GAL PER DAY, UNIT FOR SEWAGE DISP OSAL PLANT	1	2	1,135	21	131	334	486
83110BA	CHLORINATION, VOLUMETIC METERING FOR 25000 GPD PLANT	5	7	5,578	2	71	32	105
83110BB	CHLORINATION, VOLUMETIC METERING FOR 50000 GPD PLANT	6	10	10,584	2	71	32	105
83110BC	CHLORINATION, VOLUMETIC METERING FOR 100000 GPD PLANT	8	17	20,649	2	81	46	129
83110BD	CHLORINATION, VOLUMETRIC METERING FOR 200000 GPD PLANT	11	32	40,829	3	86	55	144
83110BE	CHLORINATION, VOLUMETRIC METERING FOR 300000 GPD PLANT	13	43	48,921	3	98	64	165
83120AA	SEPTIC TANK 500 GPD, CONCRETE	6	5	740	3	75	14	92
83120AB	SEPTIC TANK 1000 GPD, CONCRETE	11	9	2,540	3	156	21	180
83120AC	SEPTIC TANK 10000 GPD, CONCRETE	27	20	4,526	8	247	37	292
83120AE	SEPTIC,TANK,USALWL,4FT X 4FT X 2FT, 200 GAL. WITH TANK LID, INLET ASSEMBLY AND PIPES		1	231			5	5
83120AF	SEPTIC TANK, 500 GALLONS, COMPLETE W/DRAIN FIELD	1	1	1,261		29	345	374

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
83120BA	SIPHON CHAMBER, 1000 GPD, 60 MINUTE GROUND PERCOLATION TIME	2	2	800	2	69	10	81
83120BB	SIPHON CHAMBER, 10000 GPD, 1 MINUTE GROUND PERCOLATION TIME	4	4	1,518	2	95	14	111
83120BC	SIPHON CHAMBER, 10000 GPD, 15 MINUTE GROUND PERCOLATION TIME	6	5	1,688	2	108	21	131
83120BD	SIPHON CHAMBER 10000 GPD 60 MINUTE GROUND PERCOLATION TIME	13	11	2,472	3	167	28	198
83120BE	CHLORINE CONTACT CHAMBER,WOOD CONSTRUCTION.LENGTH 4FT. 8IN DEPTH 2FT.6IN. 25000 GAL. PER DAY DESIGN FLOW	2	3	476	2	69	9	80
83120BF	CHLORINE CONTACT CHAMBER,WOOD CONSTRUCTION LENGTH 4FT 8IN DEPTH 4FT. 9IN. 50000 GAL. PER DAY DESIGN FLOW.	3	3	526	2	83	9	94
83120BG	CHLORINE CONTACT CHAMBER,WOOD CONSTRUCTION.LENGTH 8FT.1DIN DEPTH 5FT.0IN.100000 GAL. PER DAY DESIGN FLOW	4	5	784	2	92	12	106
83120BH	CHLORINE CONTACT CHAMBER,WOOD CONSTRUCTION LENGTH 17FT 5IN DEPTH 5FT. 0IN. 200000 GAL. PER DAY DESIGN FLOW.	7	8	1,212	2	101	12	115
83120BJ	CHLORINE CONTACT CHAMBER,WOOD CONSTRUCTION.LENGTH 25FT.11IN DEPTH 5FT.0IN.300000 GAL. PER DAY DESIGN FLOW	9	11	1,628	2	110	14	126
83120BK	DOSING TANK,WOOD CONSTRUCTION 1000GAL.PER DAY.EFFECTIVE TANK VOLUME 36.36 CUBIC FEET LENGTH 4FT-4IN. 60MINUTES PERC TIME FOR 1INCH FALL	1	2	467	2	92	12	106
83120BL	DOSING TANK,WOOD CONSTRUCTION 10000GAL PER DAY EFFECTIVE TANK VOLUME 65.45CUBIC FEET LENGTH 4FT 4IN. 1 MINUTE PERC TIME FOR 1INCH FALL.	2	2	776	2	101	14	117
83120BM	DOSING TANK,WOOD CONSTRUCTION 10000GAL.PER DAY.EFFECTIVE TANK VOLUME 93.50CUBIC FEET LENGTH 6FT-2IN. 2 MINUTES PERC TIME FOR 1INCH FALL	2	3	818	2	110	16	128

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
83120BN	DOSING TANK,WOOD CONSTRUCTION 10000GAL PER DAY EFFECTIVE TANK VOLUME 112.84CUBIC FEET LENGTH 7FT 5IN. 3 MINUTES PERC TIME FOR 1INCH FALL.	2	3	855	2	120	18	140
83120BP	DOSING TANK,WOOD CONSTRUCTION 10000GAL.PER DAY.EFFECTIVE TANK VOLUME 130.90CUBIC FEET LENGTH 8FT-8IN. 4 MINUTES PERC TIME FOR 1INCH FALL	3	3	893	3	129	21	153
83120BR	DOSING TANK,WOOD CONSTRUCTION 10000GAL PER DAY EFFECTIVE TANK VOLUME 148.75CUBIC FEET LENGTH 9FT10IN. 5 MINUTES PERC TIME FOR 1INCH FALL.	3	3	925	3	138	21	162
83120BT	DOSING TANK,WOOD CONSTRUCTION 10000 GAL.PER DAY.EFFECTIVE TANK VOLUME 136.35CUBIC FEET LENGTH 9FT-0IN. 10 MINUTES PERC TIME FOR 1INCH FALL	3	3	901	3	147	23	173
83120BU	DOSING TANK,WOOD CONSTRUCTION 10000 GAL PER DAY EFFECTIVE TANK VOLUME 167.82CUBIC FEET LENGTH11FT-0IN. 15 MINUTES PERC TIME FOR 1INCH FALL.	3	4	962	3	156	23	182
83120BV	DOSING TANK,WOOD CONSTRUCTION 10000 GAL.PER DAY EFFECTIVE TANK VOLUME 242.41 CUBIC FEET LENGTH15FT-10IN. 30MINUTES PERC TIME FOR 1INCH FALL	4	5	1,104	5	166	25	196
83120BW	DOSING TANK,WOOD CONSTRUCTION 10000 GAL PER DAY EFFECTIVE TANK VOLUME 272.71 CUBIC FEET LENGTH17FT-10IN. 45MINUTES PERC TIME FOR 1INCH FALL.	4	5	1,165	5	175	25	205
83120BY	DOSING TANK,WOOD CONSTRUCTION 10000 GAL.PER DAY EFFECTIVE TANK VOLUME 363.61 CUBIC FEET LENGTH23FT-9IN. 60 MINUTES PERC TIME FOR 1INCH FALL	5	6	1,284	5	184	25	214
83120CA	SEPTIC TANK,WOOD CONSTRUCTION. 500 GAL.PER DAY FLOW LENGTH 6FT- OIN. WIDTH 4FT- OIN WATER DEPTH 4FT-2IN	2	3	672	3	83	12	98
83120CB	SEPTIC TANK,WOOD CONSTRUCTION. 1000 GAL.PER DAY FLOW LENGTH 5FT- 6IN. WIDTH 5FT- OIN WATER DEPTH 5FT-OIN	3	4	1,127	3	166	18	187

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
83120CC	SEPTIC TANK, WOOD CONSTRUCTION. 10000 GAL. PER DAY FLOW LENGTH 14FT-10IN WIDTH 8FT- 0IN WATER DEPTH 6FT-6IN	9	11	2,525	8	288	30	326
83120DA	SEWAGE, OPTICAL FABRICATING SHOP AND MEDICAL MAINTENANCE SHOPS, ALL CLIMATES			176	12	18	23	53
83140AA	AERATED SEWAGE LAGOON 1 ROW 2-5 HP AERATORS WITHOUT LINER	70	134	35,878	304	5,817	311	6,432
83140AB	AERATED SEWAGE LAGOON 1 ROW 3-5 HP AERATORS WITHOUT LINER	74	157	42,101	315	6,802	317	7,434
83140AC	AERATED SEWAGE LAGOON 1 ROW 2-10 HP AERATORS WITHOUT LINER	69	131	35,639	432	5,819	324	6,575
83140AD	AERATED SEWAGE LAGOON 1 ROW 3-10 HP AERATORS WITHOUT LINER	73	155	41,741	585	6,808	352	7,745
83140AE	AERATED SEWAGE LAGOON 1 ROW 2-20 HP AERATORS WITHOUT LINER	70	133	35,989	822	5,829	386	7,037
83140AF	AERATED SEWAGE LAGOON 1 ROW 3-20 HP AERATORS WITHOUT LINER	74	158	42,325	1,152	6,822	435	8,409
83140AG	AERATED SEWAGE LAGOON 2 ROW 3-20 HP AERATORS WITHOUT LINER	81	183	42,732	2,338	8,011	616	10,965
83140AH	AERATED SEWAGE LAGOON 1 ROW 2-30 HP AERATORS WITHOUT LINER	71	135	36,385	1,221	5,837	435	7,493
83140AJ	AERATED SEWAGE LAGOON 1 ROW 3-30 HP AERATORS WITHOUT LINER	75	158	42,412	1,639	6,822	507	8,968
83140AK	AERATED SEWAGE LAGOON 2 ROW 3-30 HP AERATORS WITHOUT LINER	89	226	63,021	3,240	8,018	756	12,014
83140BA	AERATED SEWAGE LAGOON 1 ROW 2-5 HP AERATORS WITH LINER	78	175	41,611	308	5,834	690	6,832

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DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
83140BB	AERATED SEWAGE LAGOON 1 ROW 5-5 HP AERATORS WITH LINER	81	197	47,237	320	6,820	702	7,842
83140BC	AERATED SEWAGE LAGOON 1 ROW 2-10 HP AERATORS WITH LINER	80	188	43,303	437	5,848	828	7,113
83140BD	AERATED SEWAGE LAGOON 1 ROW 3-10 HP AERATORS WITH LINER	86	227	51,683	391	6,833	1,007	8,431
83140BE	AERATED SEWAGE LAGOON 1 ROW 2-20 HP AERATORS WITH LINER	87	227	48,598	828	5,865	1,256	7,949
83140BF	AERATED SEWAGE LAGOON 1 ROW 3-20 HP AERATORS WITH LINER	96	282	59,023	1,159	6,912	1,573	9,644
83140BG	AERATED SEWAGE LAGOON 2 ROW 3-20 HP AERATORS WITH LINER	121	417	74,480	2,348	8,072	2,760	13,180
83140BH	AERATED SEWAGE LAGOON 1 ROW 2-30 HP AERATORS WITH LINER	92	260	53,234	1,228	5,897	1,587	8,712
83140BJ	AERATED SEWAGE LAGOON 1 ROW 3-30 HP AERATORS WITH LINER	104	328	65,168	1,647	6,897	2,061	10,605
83140BK	AERATED SEWAGE LAGOON 2 ROWS 3-30 HP AERATORS WITH LINER	136	502	86,118	3,251	8,087	3,671	15,009
83140CA	CONVENTIONAL SEWAGE LAGOON 1/2 ACRE WITHOUT LINER	57	117	26,878	137	4,491	221	4,849
83140CB	CONVENTIONAL SEWAGE LAGOON 1 ACRE WITHOUT LINER	57	117	26,878	250	4,494	242	4,986
83140CC	CONVENTIONAL SEWAGE LAGOON 2 ACRES WITHOUT LINER	57	118	27,433	469	4,505	304	5,278
83140CD	CONVENTIONAL SEWAGE LAGOON 3 ACRES WITHOUT LINER	57	118	27,041	685	4,515	366	5,566
83140DA	CONVENTIONAL SEWAGE LAGOON 1/2 ACRE WITH LINER	63	147	30,726	140	4,513	469	5,122

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
83140DB	CONVENTIONAL SEWAGE LAGOON 1 ACRE WITH LINER	67	168	34,101	254	4,541	699	5,494
83140DC	CONVENTIONAL SEWAGE LAGOON 2 ACRES WITH LINER	74	210	39,352	475	4,569	1,150	6,194
83140DD	CONVENTIONAL SEWAGE LAGOON 3 ACRES WITH LINER	80	249	44,650	692	4,567	1,578	6,837
83190AA	CESSPOOLS 20 PLACED IN GRID, 55 GAL DRUMS PROCURED LOCALLY.	10	8	996	13	115	179	307
83190AB	CESSPOOLS 30 PLACED IN GRID, 55 GAL DRUMS PROCURED LOCALLY.	15	12	1,387	18	181	276	475
83190AC	CESSPOOLS 100 PLACED IN GRID, 55 GAL DRUMS PROCURED LOCALLY	49	41	4,199	61	503	856	1,420
83190AD	CESSPOOLS 200 PLACED IN GRID, 55 GAL DRUMS PROCURED LOCALLY	96	81	8,387	127	1,120	1,904	3,151
83201AA	SEWAGE COLLECTION SYSTEM, MATERIAL FOR ONE MILE OF 4 IN PIPE	2	4	4,117	522	1,019	596	2,137
83201AB	SEWAGE COLLECTION SYSTEM, MATERIAL FOR ONE MILE OF 6 IN PIPE	15	50	17,963	522	1,019	596	2,137
83210AA	SANITARY SYSTEM-GEN CARGO PORT,ONSHORE DWG FF1105-1115,SHT3	3	21	21,840		869	435	1,304
83210BA	PNEUMATIC EJECTOR LIFT STATION FOR 25000 GPD PLANT	13	48	11,951	9	230	55	294
83210BB	PNEUMATIC EJECTOR LIFT STATION FOR 50000 GPD PLANT	13	47	14,283	9	230	55	294
83210BC	PNEUMATIC EJECTOR LIFT STATION FOR 75000 GPD PLANT	14	47	16,777	9	230	55	294
83210BD	PNEUMATIC EJECTOR LIFT STATION FOR 100000 GPD PLANT	14	47	19,777	9	230	55	294
83210BE	PNEUMATIC EJECTOR LIFT STATION FOR 150000 GPD PLANT	14	47	21,831	9	239	55	303
83210DA	SANITARY SYSTEM FOR 125 MAN TROOP CAMP, TEMPORARY STANDARD,ALL CLIMATES,30 GPCD	4	9	3,767	37	98	86	221

DESERT CLIMATE		CONSTRUCTION MATERIAL						
FACILITY NUMBER	DESCRIPTION	WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
83210DB	SANITARY SYSTEM FOR 250 MAN TROOP CAMP TEMPORARY STANDARD ALL CLIMATES 30 GPD	4	9	4,025	58	201	173	432
83210DC	SANITARY DISTRIBUTION SYSTEM FOR 375 MAN TROOP CAMP, TEMPORARY STANDARD,ALL CLIMATES,30 GPCD	4	10	4,269	86	334	288	708
83210DD	SANITARY SYSTEM FOR 500 MAN TROOP CAMP HEADQUARTERS, TEMPORARY STANDARD,ALL CLIMATES,30 GPCD	1	1	617	32	104	92	228
83210DE	SANITARY DISTRIBUTION SYSTEM FOR 500 MAN TROOP CAMP CORRIDORS,TEMPORARY STANDARD,ALL CLIMATES,30 GPCD	4	10	4,190	28	83	78	189
83210DF	SANITARY SYSTEM FOR 1000 MAN TROOP CAMP HEADQUARTERS TEMPORARY STANDARD,ALL CLIMATES,30 GPCD	1	2	947	74	207	138	419
83210DG	SANITARY DISTRIBUTION SYSTEM FOR 1000 MAN TROOP CAMP CORRIDORS,TEMPORARY STANDARD,ALL CLIMATES,30 GPCD	4	13	5,100	101	253	230	584
83210DH	SANITARY SYSTEM FOR PARKING & MAINTENANCE, TEMPORARY STANDARD,ALL CLIMATES			73	29	92	83	204
83210DJ	SANITARY SYSTEM FOR 3000 MAN TROOP CAMP HEADQUARTERS, TEMPORARY STANDARD,ALL CLIMATES,30 GPCD		2	810	104	288	253	645
83210DK	SANITARY DISTRIBUTION SYSTEM FOR 3000 MAN TROOP CAMP CORRIDORS,TEMPORARY STANDARD,ALL CLIMATES,30 GPCD	40	57	38,102	83	276	242	601
83210DM	SANITARY SYSTEM FOR 5000 MAN TR CP CORR. TEMPORARY STANDARD,ALL CLIMATES,30 GPCD	101	208	59,306	115	313	313	741
83210DN	SANITARY SYS FOR 5000 MAN TROOP CAMP TEMPORARY STANDARD ALL CLIMATES 30 GPD	3	8	3,399	87	304	253	644
83210HB	SANITARY DISTRIBUTION SYSTEM FOR 250 MAN TROOP CAMP, ALL CLIMATES,TEMPORARY STANDARD,30 GPCD	3	9	3,844				
84101AA	WATER SUPPLY TRANSMISSION, PIPING & EQUIPMENT FOR ONE MILE OF MAIN FROM EXISTING SOURCE OF SUPPLY	11	20	11,728	759	897	242	1,898

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
84102AA	SAND FILTER FIELD EXPEDIENT			75			5	5
84102AB	WATER STORAGE SUMP,5000 GAL CAPACITY, MEMBRANE LINED	2	4	549	7	1	39	47
84102AC	WATER STORAGE SUMP,10000 GAL CAPACITY, MEMBRANE LINED	2	6	715	7	1	40	48
84102AD	WATER STORAGE RESERVOIR,50000 GAL CAPACITY,MEMBRANE LINED	5	16	2,235	36	8	122	166
84102AE	WATER STORAGE RESERVOIR,100000 GAL CAPACITY,MEMBRANE LINED	5	15	2,083	40	10	140	190
84102AF	LAUNDRY WASTEWATER RECYCLING FACILITY,5000 GAL CAPACITY	2	4	13,507			10	10
84102AG	SHOWER WASTEWATER RECYCLING FACILITY,10000 GAL CAPACITY	2	7	15,556			15	15
84102AH	AIRCRAFT WASHWATER RECYCLING FACILITY,25 TO 40 AIRCRAFT	15	4	44,085	114		41	155
84102AJ	EXPEDIENT WATER STORAGE TANK,3500 GAL CAPACITY,WOOD FRAME, MEMBRANE LINED	1	1	258		9		9
84102AK	WATER PURIFICATION PLANT,REVERSE OSMOSIS,15000GPH,BARGE MTD	418	1,834	3,900,000			104	104
84102AL	WATER PURIFICATION EQUIPMENT SET,REVERSE OSMOSIS,7500GPH SKID MTD MODEL PD 81146		74	1,010,138			1	1
84102AM	WATER PURIFICATION EQUIPMENT SET,REVERSE OSMOSIS,3000GPH TRK MTD-TO BE TYPE CLASSIFIED JAN 86 (UNDER DEVLOPMENT)	19	75	610,000			5	5
84102AN	WATER PURIFICATION EQUIPMENT SET,REVERSE OSMOSIS,600GPH TRLR MTD	4	4,833	235,138			5	5
84102AP	WATER PURIFICATION EQUIPMENT SET,ERDLATOR,3000GPH,TRK MTD	16	78,226	73,983			6	6
84102AR	WATER PURIFICATION EQUIPMENT SET,ERDLATOR,1500GPH,TRK MTD	13	67,050	50,132			5	5
84102AT	WATER PURIFICATION EQUIPMENT SET,DIATOMITE FILTER,420GPH BASE MTD	2	4,975	19,819			3	3

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	YOY
84102AU	WATER STORAGE/DISTRIBUTION SYSTEM,POTABLE WATER,1000000 GAL		107	205,070	233		506	739
84102AV	WATER STORAGE/DISTRIBUTION SYSTEM,POTABLE WATER,800000 GAL		2	329,869	53		409	462
84102AW	WATER STORAGE/DISTRIBUTION SYSTEM,POTABLE WATER,320000 GAL			320,518	30		386	416
84102AY	WATER STORAGE/DISTRIBUTION SYSTEM,POTABLE WATER,40000 GAL		26	73,479	16		29	45
84102BA	WATER STORAGE/DISTRIBUTION SYSTEM,POTABLE WATER,HOSPITAL, 20000 GAL	1	12	60,600	10		18	28
84102BB	TACTICAL WATER DISTRIBUTION SET,10 MILE SEGMENT W/6IN HOSE AND 600GPM PUMPS			764,570			219	219
84110BA	CHEMICAL STORAGE AND ERDLATOR BUILDING, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 40 BY 8, 60,000 GPD, TEMP CLIM	20	64	52,843				
84110BB	CHEMICAL STORAGE AND ERDLATOR BUILDING, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 50 BY 8, 120,000 GPD, TEMP CLIM	33	102	96,601				
84110BC	CHEMICAL STORAGE AND ERDLATOR BUILDING, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 40 BY 8, 60,000 GPD, DESERT/TROPIC CLIM	16	47	46,924				
84110BD	CHEMICAL STORAGE AND ERDLATOR BUILDING, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 50 BY 8, 120,000 GPD, DESERT/TROPIC CLIM	26	89	90,488				
84110BE	CHEMICAL STORAGE AND ERDLATOR BUILDING, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 40 BY 8, 60,000 GPD, FRIGID CLIM	20	64	52,843				
84110BF	CHEMICAL STORAGE AND ERDLATOR BUILDING, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 50 BY 8, 120,000 GPD, FRIGID CLIM	33	102	96,601				

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
84120AA	DEEP WELL WATER SUPPLY UNIT, SMALL, W/3-60 GAL PER MIN PUMPS & 6000 GAL STORAGE	6	12	16,716	435	52	265	772
84120AB	DEEP WELL WATER SUPPLY UNIT, LARGE, W/200 GAL PER MIN PUMP & 500 BARREL STORAGE	21	47	24,204	557	148	253	958
84120AC	WATER TANK AND TOWER, 4200 GAL WITH ACCESSORIES	9	22	7,950		121	5	126
84120AD	WATER TANK AND TOWER, 10500 GAL WITH ACCESSORIES	8	18	7,415		276		276
84120AE	WATER TANK AND TOWER, 21000 GAL WITH ACCESSORIES	19	26	9,012		483		483
84210EH	WATER DISTRIBUTION MAIN, ONE MILE OF 2 IN PIPE W/FITTINGS	10	5	7,601	805	506	230	1,541
84210EJ	WATER DISTRIBUTION MAIN, ONE MILE OF 4 IN PIPE W/FITTINGS	30	19	18,592	753	874	230	1,857
84210EK	WATER DISTRIBUTION MAIN, ONE MILE OF 6 IN PIPE W/FITTINGS	53	52	50,733	817	1,127	230	2,174
84210EL	WATER SUPPLY PIPELINE, SMALL, W/100 GAL PER MIN GED PUMP, ONE MILE OF 4 IN PIPE & FITTINGS	11	20	9,690	759	920	265	1,944
84210EM	WATER SUPPLY PIPELINE, MEDIUM, W/200 GAL PER MIN GED PUMP, ONE MILE OF 6 IN PIPE & FITTINGS	26	43	27,602	822	1,242	288	2,352
84210EN	WATER SUPPLY PIPELINE, LARGE, W/480 GAL PER MIN GED PUMP, ONE MILE OF 8 IN PIPE & FITTINGS	33	79	38,895	863	1,622	374	2,859
84210EP	WATER SUPPLY EQUIPMENT PORTABLE 45,000 GPD,ONE DIVISION, SLICE COMBAT ZONE	15	109	71,684			5	5
84210GA	PORT.WATER SYST-GEN CARGO PORT,ONSHORE DWG FP1105-1115,SHT3	12	245	1,548,649		3,802	3,802	7,604
84210HA	WATER DISTRIBUTION SYSTEM FOR 125 MAN TROOP CAMP, TEMPORARY STANDARD ALL CLIMATES, 50 GPCD	2	3	2,640	115	230	230	575
84210HB	WATER DISTRIBUTION SYSTEM FOR 250 MAN TROOP CAMP, ALL CLIMATES,TEMPORARY STANDARD,50 GPCD	2	3	2,972	230	575	403	1,208

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
84210HC	WATER DISTRIBUTION SYSTEM FOR 375 MAN TROOP CAMP, TEMPORARY STANDARD,ALL CLIMATES,50 GPCD		5	1,948	288	690	552	1,530
84210HD	WATER DISTRIBUTION SYSTEM FOR 500 MAN TROOP CAMP HEAD-QUARTERS,TEMPORARY STANDARD,ALL CLIMATES,50 GPCD		1	550	32	115	115	262
84210HE	WATER DISTRIBUCTION SYSTEM FOR 500 MAN TROOP CAMP CORRIDORS TEMPORARY STANDARD,ALL CLIMATES,50 GPCD		5	1,144	28	104	104	236
84210HF	WATER SYSTEM FOR 1000 MAN TROOP CAMP HEADQUARTERS, TEMPORARY STANDARD,ALL CLIMATES,50 GPCD		3	1,142	37	127	127	291
84210HG	WATER DISTRIBUTION SYSTEM FOR 1000 MAN TROOP CAMP CORRIDORS TEMPORARY STANDARD,ALL CLIMATES,50 GPCD	1	9	1,857	35	115	115	265
84210HH	WATER SYSTEM FOR PARKING " MAINTENANCE MOTOR POOL TEMPORARY STANDARD,ALL CLIMATES			186	147	322	248	717
84210HJ	WATER SYSTEM FOR 3000 MAN TROOP CAMP HEADQUARTERS, TEMPORARY STANDARD,ALL CLIMATES,50 GPCD	2	4	1,063	46	184	184	414
84210HK	WATER DISTRIBUTION SYSTEM FOR 3000 MAN TROOP CAMP CORRIDORS TEMPORARY STANDARD,ALL CLIMATES,50 GPCD	1	21	3,191	44	161	161	366
84210HL	WATER SYSTEM FOR 5000 MAN TROOP CAMP HEADQUARTERS, TEMPORARY STANDARD,ALL CLIMATES,50 GPCD	2	2	884	51	207	207	465
84210HM	WATER DISTRIBUTION SYSTEM FOR 5000 MAN TROOP CAMP CORRIDORS TEMPORARY STANDARD,ALL CLIMATES,50 GPCD	2	29	4,685	48	173	184	405
84210KA	WATER SYSTEM FOR MEDICAL SUPPLY, OPTICAL AND MAINTENANCE UNITS, ALL CLIMATES	1	3	3,799	71	338	71	480
84290AA	TANKER WATERING SERVICE FACILITIES, WITH 42000 GALLON WATE R STORAGE TANK, 245 GPM CENTRIFUGAL PUMP AND 3 PHASE POWER-200 AMP RECEPTACLE FOR POL DOCKS AND JETTIES.	8	28	18,849		920	150	1,070

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
84330AA	FIRE FIGHTING EQUIPMENT,SET NUMBER 18		42	38,953		39		39
84330AB	SUMP FOR FIRE PROTECTION, 2000 GAL	2	2	48	5	25	28	58
84330AC	SUMP FOR FIRE PROTECTION, 10000 GAL	7	5	145	18	124	133	275
84330AD	FIREFIGHTING SYSTEM EQUIPMENT,FOAM FOR POL,COMPLETE W/3000 GAL WATER STORAGE PUMP&DISPENSING EQUIPMENT.	1	5	17,434		37		37
84330AE	FIREFIGHTING SYSTEM EQUIPMENT,FOAM,FOR POL,COMPLETE W/10000 GAL WATER STORAGE,PUMP&DISPENSING EQUIPMENT	1	5	16,777		39		39
84330AF	FIRE WATER SYST-GEN&CARGO PORT,ONSHORE DWG FP1105-1115,SHT3	206	222	570,022	2,001	3,843	2,001	7,845
84330AG	FIRE WATER SYSTEM-LIGHTERAGE PIER DWG FP1105-1115,SHT3	7	22	11,820	138	227	186	551
84330AH	FIRE WATER SYSTEM-BREAKBULK/RO-RO PIER DWG FP1105-1115,SHT3	53	185	242,806	559	1,601	1,093	3,253
84330AJ	FIRE WATER SYST-SERV&PORT VESSEL PIERS DWG FP1105-1115,SHT3	12	35	22,625	184	458	423	1,065
84330AK	FIRE WATER SYSTEM-CONTAINER PIER DWG FP1105-1115,SHT 3	38	320	144,298	462	1,369	995	2,826
84330AL	FIRE WATER SYST-AMMUNUNIT.PORT,ONSHORE DWG FP1105-1115,SHT4	519	661	3,930,813	2,529	4,830	2,529	9,888
84520AA	SEAWATER SYSTEM-GEN CARGO PORT,ONSHORE DWG FP1105-1115,SHT3	1	4	3,484		313	313	626
84520AB	SEAWATER SYSTEM-BREAKBULK/RO-RO PIER DWG FP1105-1115,SHT3	1	6	6,786	48	269	216	533
85110AA	ROAD PAVEMENT,TWO 12-FT LANES,CLASS A,ONE MILE,1/2-IN. SINGLE BITUMINOIS SURFACE TREATMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	743	558	7,838	271		48	319
85110AB	ROAD PAVEMENT,TWO 12-FT LANES,CLASS A,ONE MILE,1-IN. MULTIPLE BITUMINOUS SURFACE TREATMENT ON PRIMED 4-IN STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	776	597	9,088	336		59	395
85110AC	ROAD PAVEMENT,TWO 12-FT LANES,CLASS A,ONE MILE,1-1/2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	945	753	12,618	389		138	527

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85110AD	ROAD PAVEMENT,TWO 12-FT LANES,CLASS A,ONE MILE,2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	1,104	883	14,851	453		179	632
85110AE	ROAD PAVEMENT,TWO 12-FT LANES,CLASS A,ONE MILE,2-1/2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	1,234	993	16,940	501		210	711
85110AF	ROAD PAVEMENT,TWO 12-FT LANES,CLASS A,ONE MILE,3-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	1,290	1,064	19,548	584		242	826
85110AG	ROAD PAVEMENT,TWO 12-FT LANES,CLASS A,ONE MILE,3-1/2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	1,323	1,097	20,433	649		283	932
85110AH	ROAD PAVEMENT,TWO 12-FT LANES,CLASS A,ONE MILE,4-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	1,373	1,151	21,940	697		314	1,011
85110AJ	ROAD PAVEMENT,TWO 12-FT LANES,CLASS A,ONE MILE,4-1/2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	1,636	1,375	26,479	780		345	1,125
85110AK	ROAD PAVEMENT,TWO 12-FT LANES,CLASS A,ONE MILE,5-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	1,668	1,407	27,364	844		386	1,230
85110AL	ROAD PAVEMENT,TWO 12-FT LANES,CLASS A,ONE MILE,1-1/2-IN. COLD-MIX BITUMINOUS PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	943	752	12,680	377		138	515
85110AM	ROAD PAVEMENT,TWO 12-FT LANES,CLASS A,ONE MILE,2-IN. COLD-MIX BITUMINOUS PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	1,101	881	14,935	442		179	621
85110AN	ROAD PAVEMENT,TWO 12-FT LANES,CLASS A,ONE MILE,2-1/2-IN. COLD-MIX BITUMINOUS PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	1,231	991	17,044	490		210	700

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85110AP	ROAD PAVEMENT,TWO 12-FT LANES,CLASS A,ONE MILE,3-IN. COLD-MIX BITUMINOUS PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	1,286	1,061	19,673	561		242	803
85110AR	ROAD PAVEMENT,TWO 12-FT LANES,CLASS A,ONE MILE,4-IN. STABILIZED SURFACE,COMBAT BN CONSTR	785	530	3,925	242		83	325
85110AT	ROAD PAVEMENT,TWO 12-FT LANES,CLASS A,ONE MILE,6-IN. STABILIZED SURFACE,COMBAT BN CONSTR	1,189	803	5,945	315		87	402
85110AU	ROAD PAVEMENT,TWO 12-FT LANES,CLASS A,ONE MILE,8-IN. STABILIZED SURFACE,COMBAT BN CONSTR	1,570	1,060	7,850	426		92	518
85110AV	ROAD PAVEMENT,TWO 10-FT LANES,CLASS B,ONE MILE,1/2-IN. SINGLE BITUMINOUS SURFACE TREATMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	641	480	6,659	235		41	276
85110AW	ROAD PAVEMENT,TWO 10-FT LANES,CLASS B,ONE MILE,1-IN. MULTIPLE BITUMINOUS SURFACE TREATMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	668	512	7,695	296		52	348
85110AY	ROAD PAVEMENT,TWO 10-FT LANES,CLASS B,ONE MILE,1-1/2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN ABD SUP CO CONSTR	824	655	10,888	347		124	471
85110BA	ROAD PAVEMENT,TWO 10-FT LANES,CLASS B,ONE MILE,2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	963	769	12,846	396		155	551
85110BB	ROAD PAVEMENT,TWO 10-FT LANES,CLASS B,ONE MILE,2-1/2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	1,077	865	14,668	421		186	607
85110BC	ROAD PAVEMENT,TWO 10-FT LANES,CLASS B,ONE MILE,3-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	1,126	927	16,926	523		217	740

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85110BD	ROAD PAVEMENT,TWO 10-FT LANES,CLASS B,ONE MILE,3-1/2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	1,154	956	17,697	572		248	820
85110BE	ROAD PAVEMENT,TWO 10-FT LANES,CLASS B,ONE MILE,4-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON PRIMED 4-IN. STABLIZED BASE,COMBAT BN AND SUP CO CONSTR	1,199	1,003	19,016	619		279	898
85110BF	ROAD PAVEMENT,TWO 10-FT LANES,CLASS B,ONE MILE,4-1/2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	1,428	1,198	22,963	682		300	982
85110BG	ROAD PAVEMENT,TWO 10-FT LANES,CLASS B,ONE MILE,5-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	1,456	1,227	23,735	745		342	1,087
85110BH	ROAD PAVEMENT,TWO 10-FT LANES,CLASS B,ONE MILE,1-1/2-IN. COLD-MIX BITUMINOUS PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	822	654	10,943	338		124	462
85110BJ	ROAD PAVEMENT,TWO 10-FT LANES,CLASS B,ONE MILE,2-IN. COLD-MIX BITUMINOUS PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	961	767	12,920	386		155	541
85110BK	ROAD PAVEMENT,TWO 10-FT LANES,CLASS B,ONE MILE,2-1/2-IN. COLD-MIX BITUMINOUS PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	1,074	863	14,759	412		186	598
85110BL	ROAD PAVEMENT,TWO 10-FT LANES,CLASS B,ONE MILE,3-IN. COLD-MIX BITUMINOUS PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	1,123	924	17,035	514		217	731
85110BM	ROAD PAVEMENT,TWO 10-FT LANES,CLASS B,ONE MILE,4-IN. STABILIZED SURFACE,COMBAT BN CONSTR	687	464	3,435	217		74	291
85110BN	ROAD PAVEMENT,TWO 10-FT LANES,CLASS B,ONE MILE,6-IN. STABILIZED SURFACE,COMBAT BN CONSTR	1,040	702	5,200	277		78	355

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85110BP	ROAD PAVEMENT,TWO 10-FT LANES,CLASS B,ONE MILE,8-IN. STABILIZED SURFACE,COMBAT BN CONSTR	1,374	927	6,870	378		83	461
85110BR	ROAD PAVEMENT,ONE 10-FT LANE,CLASS C,ONE MILE,1/2-IN. SINGLE BITUMINOUS SURFACE TREATMENT ON PRIMED 4-IN. STABILIZED BA$E,COMBAT BN AND SUP CO CONSTR	407	299	3,775	155		28	183
85110BT	ROAD PAVEMENT,ONE 10-FT LANE,CLASS C,ONE MILE,1-IN. MULTIPLE BITUMINOUS SURFACE TREATMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	399	300	4,186	194		35	229
85110BU	ROAD PAVEMENT,ONE 10-FT LANE,CLASS C,ONE MILE,1-1/2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	522	411	6,551	229		83	312
85110BV	ROAD PAVEMENT,ONE 10-FT LANE,CLASS C,ONE MILE,2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	612	484	7,808	262		104	366
85110BW	ROAD PAVEMENT,ONE 10-FT LANE,CLASS C,ONE MILE,2-1/2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	685	546	8,980	293		124	417
85110BY	ROAD PAVEMENT,ONE 10-FT LANE,CLASS C,ONE MILE,3-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON PRIMED 4-IN STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	715	583	10,319	331		135	466
85110CA	ROAD PAVEMENT,ONE 10-FT LANE,CLASS C,ONE MILE,3-1/2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	732	601	10,812	377		166	543
85110CB	ROAD PAVEMENT,ONE 10-FT LANE,CLASS C,ONE MILE,4-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON PRIMED 4-IN STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	761	631	11,659	396		176	572
85110CC	ROAD PAVEMENT,ONE 10-FT LANE,CLASS C,ONE MILE,4-1/2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	907	754	14,086	445		197	642

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85110CD	ROAD PAVEMENT,ONE 10-FT LANE,CLASS C,ONE MILE,3-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	925	773	14,580	477		217	694
85110CE	ROAD PAVEMENT,ONE 10-FT LANE,CLASS C,ONE MILE,1-1/2-IN. COLD-MIX BITUMINOUS PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	521	410	6,587	222		83	305
85110CF	ROAD PAVEMENT,ONE 10-FT LANE,CLASS C,ONE MILE,2-IN. COLD-MIX BITUMINOUS PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	611	483	7,855	255		104	359
85110CG	ROAD PAVEMENT,ONE 10-FT LANE,CLASS C,ONE MILE,2-1/2-IN. COLD-MIX BITUMINOUS PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	683	544	9,039	286		124	410
85110CH	ROAD PAVEMENT,ONE 10-FT LANE,CLASS C,ONE MILE,3-IN. COLD-MIX BITUMINOUS PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	712	581	10,389	317		135	452
85110CJ	ROAD PAVEMENT,ONE 10-FT LANE,CLASS C,ONE MILE,4-IN. STABILIZED SURFACE,COMBAT BN CONSTR	442	298	2,210	141		46	187
85110CK	ROAD PAVEMENT,ONE 10-FT LANE,CLASS C,ONE MILE,6-IN. STABILIZED SURFACE,COMBAT BN CONSTR	669	452	3,345	175		51	226
85110CL	ROAD PAVEMENT,ONE 10-FT LANE,CLASS C,ONE MILE,8-IN. STABILIZED SURFACE,COMBAT BN CONSTR	883	596	4,415	236		51	287
85110CM	HARDSTAND,1000 SQ YD,1/2-IN.SINGLE BITUMINOUS SURFACE TREATMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	45	35	543	38		7	45
85110CN	HARDSTAND,APRON,TAXIWAY OR RUNWAY PAVEMENT 1000 SQ.YDS.1IN. MULTIPLE BITUMINOUS SURFACE TREATMENT ON PRIMED 4IN.STABILIZED BASE.	51	38	498	48		23	71

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85110CP	HARDSTAND,1000 SQ YD,1-1/2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	52	43	776	41		14	55
85110CR	HARDSTAND,1000 SQ YD,2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	61	50	891	59		24	83
85110CT	HARDSTAND,1000 SQ YD,2-1/2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	68	55	997	59		24	83
85110CU	HARDSTAND,1000 SQ YD,3-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	72	60	1,180	61		24	85
85110CV	HARDSTAND,1000 SQ YD,3-1/2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	74	62	1,220	76		35	111
85110CW	HARDSTAND,1000 SQ YD,4-IN.HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	76	65	1,305	77		35	112
85110CY	HARDSTAND,1000 SQ YD,4-1/2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	91	78	1,585	82		35	117
85110DA	HARDSTAND,1000 SQ YD,5-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	93	80	1,624	98		45	143
85110DB	HARDSTAND,1000 SQ YD,1-1/2-IN. COLD-MIX BITUMINOUS PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	52	43	779	40		14	54
85110DC	HARDSTAND,1000 SQ YD,2-IN. COLD-MIX BITUMINOUS PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	61	50	896	56		24	80

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85110DD	HARDSTAND,1000 SQ YD,2-1/2-IN. COLD-MIX BITUMINOUS PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	68	55	1,003	56		24	80
85110DE	HARDSTAND,1000 SQ YD,3-IN. COLD-MIX BITUMINOUS PAVEMENT ON PRIMED 4-IN. STABILIZED BASE,COMBAT BN AND SUP CO CONSTR	72	60	1,187	59		24	83
85110DF	HARDSTAND,1000 SQ YD,4-IN. STABILIZED SURFACE,COMBAT BN CONSTR	42	28	210	28		9	37
85110DG	HARDSTAND,APRON,TAXIWAY OR RUNWAY PAVEMENT 1000 SQ YDS. STABILIZED SURFACE.	100	68	500	31		12	43
85110DH	HARDSTAND,1000 SQ YD,8-IN. STABILIZED SURFACE,COMBAT BN CONSTR	84	57	420	46		9	55
85110DJ	ROAD PAVEMENT,TWO 12-FT LANES,CLASS A,ONE MILE,1/2-IN. SINGLE BITUMINOUS SURFACE TREATMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	225	221	8,457	504		403	907
85110DK	ROAD PAVEMENT,TWO 12-FT LANES,CLASS A,ONE MILE,1-IN. MULTIPLE BITUMINOUS SURFACE TREATMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	259	260	10,052	568		413	981
85110DL	ROAD PAVEMENT,TWO 12-FT LANES,CLASS A,ONE MILE,1-1/2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON MEMBRANCE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	428	416	13,063	614		492	1,106
85110DM	ROAD PAVEMENT,TWO 12-FT LANES,CLASS A,ONE MILE,2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	587	546	15,296	679		534	1,213
85110DN	ROAD PAVEMENT,TWO 12-FT LANES,CLASS A,ONE MILE,2-1/2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	717	656	17,385	727		565	1,292

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85110DP	ROAD PAVEMENT,TWO 12-FT LANES,CLASS A,ONE MILE,3-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	773	727	19,993	810		596	1,406
85110DR	ROAD PAVEMENT,TWO 12-FT LANES,CLASS A,ONE MILE,3-1/2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	805	760	20,878	874		637	1,511
85110DT	ROAD PAVEMENT,TWO 12-FT LANES,CLASS A,ONE MILE,4-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	856	813	22,385	922		668	1,590
85110DU	ROAD PAVEMENT,TWO 12-FT LANES,CLASS A,ONE MILE,4-1/2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON MEMBRANCE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	1,104	1,017	25,964	1,005		699	1,704
85110DV	ROAD PAVEMENT,TWO 12-FT LANES,CLASS A,ONE MILE,5-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	1,136	1,030	26,849	1,070		741	1,811
85110DW	ROAD PAVEMENT,TWO 12-FT LANES,CLASS A,ONE MILE,1-1/2-IN. COLD-MIX BITUMINOUS PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	426	415	13,125	603		492	1,095
85110DY	ROAD PAVEMENT,TWO 12-FT LANES,CLASS A,ONE MILE,2-IN. COLD-MIX BITUMINOUS PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	584	544	15,379	667		534	1,201
85110EA	ROAD PAVEMENT,TWO 12-FT LANES,CLASS A,ONE MILE,2-1/2-IN. COLD-MIX BITUMINOUS PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	713	653	17,489	715		565	1,280
85110EB	ROAD PAVEMENT,TWO 12-FT LANES,CLASS A,ONE MILE,3-IN. COLD-MIX BITUMINOUS PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	769	724	20,118	783		596	1,379
85110EC	ROAD PAVEMENT,TWO 10-FT LANES,CLASS B,ONE MILE,1/2-IN. SINGLE BITUMINOUS SURFACE TREATMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	200	202	8,217	488		399	887

DHDXER1 RUN DATE 860128

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85110ED	ROAD PAVEMENT,TWO 10-FT LANES,CLASS B,ONE MILE,1-IN. MULTIPLE BITUMINOUS SURFACE TREATMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	226	234	9,542	537		409	946
85110EE	ROAD PAVEMENT,TWO 10-FT LANES,CLASS B,ONE MILE,1-1/2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	383	377	12,300	593		482	1,075
85110EF	ROAD PAVEMENT,TWO 10-FT LANES,CLASS B,ONE MILE,2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	522	491	14,258	642		513	1,155
85110EG	ROAD PAVEMENT,TWO 10-FT LANES,CLASS B,ONE MILE,2-1/2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	636	587	16,079	690		544	1,234
85110EH	ROAD PAVEMENT,TWO 10-FT LANES,CLASS B,ONE MILE,3-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	689	655	18,637	771		575	1,346
85110EJ	ROAD PAVEMENT,TWO 10-FT LANES,CLASS B,ONE MILE,3-1/2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	717	684	19,409	819		606	1,425
85110EK	ROAD PAVEMENT,TWO 10-FT LANES,CLASS B ONE MILE,4-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	762	731	20,728	867		637	1,504
85110EL	ROAD PAVEMENT,TWO 10-FT LANES,CLASS B,ONE MILE,4-1/2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	987	920	24,375	929		658	1,587
85110EM	ROAD PAVEMENT,TWO 10-FT LANES,CLASS B,ONE MILE,5-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	1,015	949	25,146	992		699	1,691
85110EN	ROAD PAVEMENT,TWO 10-FT LANES,CLASS B,ONE MILE,1-1/2-IN. COLD-MIX BITUMINOUS PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	381	376	12,354	584		482	1,066

DHDXER1 RUN DATE 860128

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85110EP	ROAD PAVEMENT,TWO 10-FT LANES-CLASS B,ONE MILE,2-IN. COLD-MIX BITUMINOUS PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	519	489	14,331	633		513	1,146
85110ER	ROAD PAVEMENT,TWO 10-FT LANES,CLASS B,ONE MILE,2-1/2-IN. COLD-MIX BITUMINOUS PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	633	585	16,170	681		544	1,225
85110ET	ROAD PAVEMENT,TWO 10-FT LANES,CLASS B,ONE MILE,3-IN. COLD-MIX BITUMINOUS PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	693	663	19,257	750		575	1,325
85110EU	ROAD PAVEMENT,ONE 10-FT LANE,CLASS C,ONE MILE,1/2-IN. SINGLE BITUMINOUS SURFACE TREATMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	132	135	5,989	328		274	602
85110EV	ROAD PAVEMENT,ONE 10-FT LANE,CLASS C,ONE MILE,1-IN. MULTIPLE BITUMINOUS SURFACE TREATMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	124	136	6,544	367		281	648
85110EW	ROAD PAVEMENT,ONE 10-FT LANE,CLASS C,ONE MILE,1-1/2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	247	246	8,691	399		329	728
85110EY	ROAD PAVEMENT,ONE 10-FT LANE,CLASS C,ONE MILE,2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	337	320	9,948	431		350	781
85110FA	ROAD PAVEMENT,ONE 10-FT LANE,CLASS C,ONE MILE,2-1/2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	410	381	11,120	463		370	833
85110FB	ROAD PAVEMENT,ONE 10-FT LANE,CLASS C,ONE MILE,3-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	439	418	12,459	501		381	882
85110FC	ROAD PAVEMENT,ONE 10-FT LANE,CLASS C,ONE MILE,3-1/2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	457	437	12,952	549		412	961

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85110FD	ROAD PAVEMENT,ONE 10-FT LANE,CLASS C,ONE MILE,4-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	486	467	13,799	566		422	988
85110FE	ROAD PAVEMENT,ONE 10-FT LANE,CLASS C,ONE MILE,4-1/2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	631	590	16,226	615		443	1,058
85110FF	ROAD PAVEMENT,ONE 10-FT LANE,CLASS C,ONE MILE,5-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	649	608	16,720	647		463	1,110
85110FG	ROAD PAVEMENT,ONE 10-FT LANE,CLASS C,ONE MILE,1-1/2-IN. COLD-MIX BITUMINOUS PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	246	246	8,726	392		329	721
85110FH	ROAD PAVEMENT,ONE 10-FT LANE,CLASS C,ONE MILE,2-IN. COLD-MIX BITUMINOUS PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	336	319	9,995	424		350	774
85110FJ	ROAD PAVEMENT,ONE 10-FT LANE,CLASS C,ONE MILE,2-1/2-IN. COLD-MIX BITUMINOUS PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	408	380	11,179	457		370	827
85110FK	ROAD PAVEMENT,ONE 10-FT LANE,CLASS C,ONE MILE,3-IN. COLD-MIX BITUMINOUS PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	437	417	12,529	488		381	869
85110FL	HARDSTAND,1000 SQ YD,1/2-IN. SINGLE-BITUMINOUS SURFACE TREATMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	16	16	586	58		43	101
85110FM	HARDSTAND,1000 SQ YD,1-IN. MULTIPLE-BITUMINOUS SURFACE TREATMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	19	19	711	58		43	101
85110FN	HARDSTAND,1000 SQ YD,1-1/2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	24	24	806	61		49	110

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85110FP	HARDSTAND,1000 SQ YD,2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	32	31	921	77		60	137
85110FR	HARDSTAND,1000 SQ YD,2-1/2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	39	36	1,027	77		60	137
85110FT	HARDSTAND,1000 SQ YD,3-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	43	41	1,210	79		60	139
85110FU	HARDSTAND,1000 SQ YD,3-1/2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	45	43	1,250	94		70	164
85110FV	HARDSTAND,1000 SQ YD,4-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	47	46	1,335	95		70	165
85110FW	HARDSTAND,1000 SQ YD,4-1/2-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	62	59	1,615	100		70	170
85110FY	HARDSTAND,1000 SQ YD,5-IN. HOT-MIX BITUMINOUS CONCRETE PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	64	61	1,654	116		81	197
85110GA	HARDSTAND,1000 SQ YD,1-1/2-IN. COLD-MIX BITUMINOUS PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	23	24	809	58		49	107
85110GB	HARDSTAND,1000 SQ YD,2-IN. COLD-MIX BITUMINOUS PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	32	30	926	75		60	135
85110GC	HARDSTAND,1000 SQ YD,2-1/2-IN. COLD-MIX BITUMINOUS PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	39	36	1,032	75		60	135

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FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85110GD	HARDSTAND,1000 SQ YD,3-IN. COLD-MIX BITUMINOUS PAVEMENT ON MEMBRANE-ENVELOPED SOIL LAYER,COMBAT BN AND SUP CO CONSTR	43	41	1,217	77		60	137
85111AA	ROADWAY PAVEMENT,HEAVY WHEEL LOAD BASIC,12-FT WIDE BY 1 MILE LONG,2-IN. HOT-MIX BITUM CONC ON 4-IN.STABILIZED BASE	704	559	9,144	314		128	442
85111AB	ROADWAY PAVEMENT,HEAVY WHEEL LOAD BASIC,12-FT WIDE BY 1 MILE LONG,3-IN. HOT-MIX BITUM CONC ON 4-IN.STABILIZED BASE	826	677	12,146	386		159	545
85111AC	ROADWAY PAVEMENT,HEAVY WHEEL LOAD BASIC,12-FT WIDE BY 1 MILE LONG,2-IN. HOT-MIX BITUM CONC ON 6-IN.STABILIZED BASE	882	686	10,479	381		138	519
85111AD	ROADWAY PAVEMENT,HEAVY WHEEL LOAD BASIC,12-FT WIDE BY 1 MILE LONG,3-IN. HOT-MIX BITUM CONC ON 6-IN.STABILIZED BASE	1,005	804	13,481	453		169	622
85111AL	ROADWAY PAVEMENT,HEAVY WHEEL LOAD,2-FT INCREMENT OF ROADWAY WIDTH,2-IN. HOT-MIX BITUM CONC ON 4-IN.STABILIZED BASE	95	77	1,359	46		20	66
85111AM	ROADWAY PAVEMENT,HEAVY WHEEL LOAD,2-FT INCREMENT OF ROADWAY WIDTH,3-IN. HOT-MIX BITUM CONC ON 4-IN.STABILIZED BASE	115	97	1,860	58		25	83
85111AN	ROADWAY PAVEMENT,HEAVY WHEEL LOAD,2-FT INCREMENT OF ROADWAY WIDTH,2-IN. HOT-MIX BITUM CONC ON 6-IN.STABILIZED BASE	113	90	1,493	53		21	74
85111AP	ROADWAY PAVEMENT,HEAVY WHEEL LOAD,2-FT INCREMENT OF ROADWAY WIDTH,3-IN. HOT-MIX BITUM CONC ON 6-IN.STABILIZED BASE	133	110	1,993	66		26	92
85111BB	ROADWAY PAVEMENT,HEAVY WHEEL LOAD BASIC,12-FT WIDE BY 1 MILE LONG,8-IN. PORTLAND CEMENT CONCRETE	924	594	41,330	595		1,150	1,745
85111BC	ROADWAY PAVEMENT,HEAVY WHEEL LOAD BASIC,12-FT WIDE BY 1 MILE LONG,10-IN. PORTLAND CEMENT CONCRETE	1,150	745	47,698	677		1,231	1,908
85111BD	ROADWAY PAVEMENT,HEAVY WHEEL LOAD BASIC,12-FT WIDE BY 1 MILE LONG,12-IN. PORTLAND CEMENT CONCRETE	635	416	15,203	760		1,325	2,085

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85111BE	ROADWAY PAVEMENT,HEAVY WHEEL LOAD BASIC,12-FT WIDE BY 1 MILE LONG,16-IN. PORTLAND CEMENT CONCRETE	1,847	1,188	59,728	999		1,739	2,738
85111BF	ROADWAY PAVEMENT,HEAVY WHEEL LOAD BASIC,12-FT WIDE BY 1 MILE LONG,20-IN. PORTLAND CEMENT CONCRETE	1,028	678	17,858	1,165		1,932	3,097
85111BG	ROADWAY PAVEMENT,HEAVY WHEEL LOAD BASIC,12-FT WIDE BY 1 MILE LONG,24-IN. PORTLAND CEMENT CONCRETE	2,728	1,774	83,556	1,331		2,125	3,456
85111BL	ROADWAY PAVEMENT,HEAVY WHEEL LOAD,2-FT INCREMENT OF ROADWAY WIDTH,6-IN. PORTLAND CEMENT CONCRETE	115	74	4,764	170		408	578
85111BM	ROADWAY PAVEMENT,HEAVY WHEEL LOAD,2-FT INCREMENT OF ROADWAY WIDTH,8-IN. PORTLAND CEMENT CONCRETE	154	100	6,944	184		419	603
85111BN	ROADWAY PAVEMENT,HEAVY WHEEL LOAD,2-FT INCREMENT OF ROADWAY WIDTH,10-IN. PORTLAND CEMENT CONCRETE	192	124	7,960	198		432	630
85111BP	ROADWAY PAVEMENT,HEAVY WHEEL LOAD,2-FT INCREMENT OF ROADWAY WIDTH,12-IN. PORTLAND CEMENT CONCRETE	232	149	7,866	212		447	659
85111BR	ROADWAY PAVEMENT,HEAVY WHEEL LOAD,2-FT INCREMENT OF ROADWAY WIDTH,16-IN. PORTLAND CEMENT CONCRETE	309	199	9,964	274		583	857
85111BT	ROADWAY PAVEMENT,HEAVY WHEEL LOAD,2-FT INCREMENT OF ROADWAY WIDTH,20-IN. PORTLAND CEMENT CONCRETE	388	248	19,270	301		615	916
85111BU	ROADWAY PAVEMENT,HEAVY WHEEL LOAD,2-FT INCREMENT OF ROADWAY WIDTH,24-IN. PORTLAND CEMENT CONCRETE	465	297	23,075	329		647	976
85111CA	ROADWAY PAVEMENT,HEAVY WHEEL LOAD BASIC,12-FT WIDE BY 1 MILE LONG,4-IN. STABILIZED AGGREGATE	531	358	2,655	166		55	221
85111CB	ROADWAY PAVEMENT,HEAVY WHEEL LOAD BASIC,12-FT WIDE BY 1 MILE LONG,6-IN. STABILIZED AGGREGATE	803	542	4,015	213		60	273
85111CC	ROADWAY PAVEMENT,HEAVY WHEEL LOAD BASIC,12-FT WIDE BY 1 MILE LONG,8-IN. STABILIZED AGGREGATE	1,060	716	5,300	279		64	343

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85111CL	ROADWAY PAVEMENT,HEAVY WHEEL LOAD,2-FT INCREMENT OF ROADWAY WIDTH,4-IN. STABILIZED AGGREGATE	50	34	250	17		6	23
85111CM	ROADWAY PAVEMENT,HEAVY WHEEL LOAD,2-FT INCREMENT OF ROADWAY WIDTH,6-IN. STABILIZED AGGREGATE	75	51	375	22		7	29
85111CN	ROADWAY PAVEMENT,HEAVY WHEEL LOAD,2-FT INCREMENT OF ROADWAY WIDTH,8-IN. STABILIZED AGGREGATE	99	67	495	29		7	36
85111DA	ROADWAY PAVEMENT,HEAVY WHEEL LOAD BASIC,12-FT WIDE BY 1 MILE LONG,M8A1 LANDING MAT SURFACED	388	212	287,294	137		438	575
85111DL	ROADWAY PAVEMENT,HEAVY WHEEL LOAD,2-FT INCREMENT OF ROADWAY WIDTH,M8A1 LANDING MAT SURFACED	142	78	100,068	30		94	124
85111EA	ROADWAY,HEAVY WHEEL LOAD BASIC,12-FT WIDE WITH 4-FT SHOULDERS,1 MILE,SUBBASE THICKNESS- 6-IN.,FILL- 2567 CY	3	3	1,434	363		83	446
85111EB	ROADWAY,HEAVY WHEEL LOAD BASIC,12-FT WIDE WITH 4-FT SHOULDERS,1 MILE,SUBBASE THICKNESS- 12-IN.,FILL- 5378 CY	3	3	1,544	497		144	641
85111EC	ROADWAY,HEAVY WHEEL LOAD BASIC,12-FT WIDE WITH 4-FT SHOULDERS,1 MILE,SUBBASE THICKNESS- 18-IN.,FILL- 8434 CY	3	3	1,655	664		207	871
85111ED	ROADWAY,HEAVY WHEEL LOAD BASIC,12-FT WIDE WITH 4-FT SHOULDERS,1 MILE,SUBBASE THICKNESS- 24-IN.,FILL- 11734 CY	4	3	1,765	799		278	1,077
85111EE	ROADWAY,HEAVY WHEEL LOAD BASIC,12-FT WIDE WITH 4-FT SHOULDERS,1 MILE,SUBBASE THICKNESS- 30-IN.,FILL- 15278 CY	4	3	1,875	935		343	1,278
85111EF	ROADWAY,HEAVY WHEEL LOAD BASIC,12-FT WIDE WITH 4-FT SHOULDERS,1 MILE,SUBBASE THICKNESS- 36-IN.,FILL- 19067 CY	4	4	1,986	1,105		422	1,527
85111EL	ROADWAY,HEAVY WHEEL LOAD,2-FT INCREMENT OF ROADWAY WIDTH, SUBBASE THICKNESS- 6-IN.,FILL- 245 CY			110	47		8	55
85111EM	ROADWAY,HEAVY WHEEL LOAD,2-FT INCREMENT OF ROADWAY WIDTH, SUBBASE THICKNESS- 12-IN.,FILL- 490 CY			110	59		13	72

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FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85111EN	ROADWAY,HEAVY WHEEL LOAD,2-FT INCREMENT OF ROADWAY WIDTH, SUBBASE THICKNESS- 18-IN.,FILL- 734 CY			110	71		17	88
85111EP	ROADWAY,HEAVY WHEEL LOAD,2-FT INCREMENT OF ROADWAY WIDTH, SUBBASE THICKNESS- 24-IN.,FILL- 978 CY			110	77		23	100
85111ER	ROADWAY,HEAVY WHEEL LOAD,2-FT INCREMENT OF ROADWAY WIDTH, SUBBASE THICKNESS- 30-IN.,FILL- 1225 CY			110	93		26	119
85111ET	ROADWAY,HEAVY WHEEL LOAD,2-FT INCREMENT OF ROADWAY WIDTH, SUBBASE THICKNESS- 36-IN.,FILL- 1467 CY			110	105		32	137
85111FA	HARDSTAND PAVEMENT,HEAVY WHEEL LOAD,1000 SY,2-IN. HOT-MIX BITUM CONC ON 4-IN. STABILIZED BASE	61	50	891	59		24	83
85111FB	HARDSTAND PAVEMENT,HEAVY WHEEL LOAD,1000 SY,3-IN. HOT-MIX BITUM CONC ON 4-IN. STABILIZED BASE	72	60	1,180	61		24	85
85111FC	HARDSTAND PAVEMENT,HEAVY WHEEL LOAD,1000 SY,2-IN. HOT-MIX BITUM CONC ON 6-IN. STABILIZED BASE	77	61	1,043	75		28	103
85111FD	HARDSTAND PAVEMENT,HEAVY WHEEL LOAD,1000 SY,3-IN. HOT-MIX BITUM CONC ON 6-IN. STABILIZED BASE	87	72	1,332	77		28	105
85111GA	HARDSTAND PAVEMENT,HEAVY WHEEL LOAD,1000 SY,6-IN. PORTLAND CEMENT CONCRETE	99	64	4,249	66		123	189
85111GB	HARDSTAND PAVEMENT,HEAVY WHEEL LOAD,1000 SY,8-IN. PORTLAND CEMENT CONCRETE	130	84	5,108	77		131	208
85111GC	HARDSTAND PAVEMENT,HEAVY WHEEL LOAD,1000 SY,10-IN. PORTLAND CEMENT CONCRETE	163	106	6,020	91		144	235
85111GD	HARDSTAND PAVEMENT,HEAVY WHEEL LOAD,1000 SY,12-IN. PORTLAND CEMENT CONCRETE	196	127	6,319	101		156	257
85111GE	HARDSTAND PAVEMENT,HEAVY WHEEL LOAD,1000 SY,16-IN. PORTLAND CEMENT CONCRETE	260	168	7,974	131		217	348

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85111GF	HARDSTAND PAVEMENT,HEAVY WHEEL LOAD,1000 SY,20-IN. PORTLAND CEMENT CONCRETE	325	210	9,695	155		232	387
85111GG	HARDSTAND PAVEMENT,HEAVY WHEEL LOAD,1000 SY,24-IN. PORTLAND CEMENT CONCRETE	390	252	11,564	177		259	436
85111HA	HARDSTAND PAVEMENT,HEAVY WHEEL LOAD,1000 SY,4-IN. STABILIZED AGGREGATE	42	28	210	28		9	37
85111HB	HARDSTAND PAVEMENT,HEAVY WHEEL LOAD,1000 SY,6-IN. STABILIZED AGGREGATE	63	43	315	41		9	50
85111HC	HARDSTAND PAVEMENT,HEAVY WHEEL LOAD,1000 SY,8-IN. STABILIZED AGGREGATE	84	57	420	46		9	55
85111JA	HARDSTAND PAVEMENT,HEAVY WHEEL LOAD,1000 SY,M8A1 LANDING MAT SURFACED	40	30	32,258	30		94	124
85111KA	HARDSTAND,HEAVY WHEEL LOAD,1000 SY X4-FT SHOULDERS INCLUDED[,SUBBASE THICKNESS-6-IN.,FILL-250 CY	2	1	722	44		8	52
85111KB	HARDSTAND,HEAVY WHEEL LOAD,1000 SY X4-FT SHOULDERS INCLUDED[,SUBBASE THICKNESS-12-IN.,FILL-510 CY	2	2	735	66		13	79
85111KC	HARDSTAND,HEAVY WHEEL LOAD,1000 SY X4-FT SHOULDERS INCLUDED[,SUBBASE THICKNESS-18-IN.,FILL-779 CY	2	2	748	84		17	101
85111KD	HARDSTAND,HEAVY WHEEL LOAD,1000 SY X4-FT SHOULDERS INCLUDED[,SUBBASE THICKNESS-24-IN.,FILL-1058 CY	2	2	760	116		25	141
85111KE	HARDSTAND,HEAVY WHEEL LOAD,1000 SY X4-FT SHOULDERS INCLUDED[,SUBBASE THICKNESS-30-IN.,FILL-1347 CY	2	2	773	138		30	168
85111KF	HARDSTAND,HEAVY WHEEL LOAD,1000 SY X4-FT SHOULDERS INCLUDED[,SUBBASE THICKNESS-36-IN.,FILL-1646 CY	2	2	786	156		35	191
85120AA	ROAD BRIDGE SUPERSTRUCTURE STEEL STRINGERS 20 FT SPAN SQUARE ENDS DOUBLE LANE, CLASS 60	25	28	10,142	25	141	44	210

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FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85120AB	ROAD BRIDGE SUPERSTRUCTURE STEEL STRINGERS 30 FT SPAN SQUARE ENDS, DOUBLE LANE, CLASS 60	39	39	16,988	43	219	64	326
85120AC	ROAD BRIDGE SUBSTRUCTURE, SINGLE LANE, TIMBER FRAME ABUTMENT, 30 FT STEEL SPAN, CLASS 60	62	74	27,671	60	302	85	447
85120AD	ROAD BRIDGE SUPERSTRUCTURE STEEL STRINGERS 50 FT SPAN SQUARE ENDS, DOUBLE LANE, CLASS 60	121	121	66,277	135	513	106	754
85120AE	ROAD BRIDGE SUPERSTRUCTURE STEEL STRINGERS 60 FT SPAN SQUARE ENDS, DOUBLE LANE CLASS 60	101	107	48,129	146	603	129	878
85120AG	ROAD BRIDGE SUPERSTRUCTURE, STEEL STRINGERS, 20 FT SPAN 30 DEG SKEW ENDS, DOUBLE LANE, CLASS 60	24	32	9,731	28	150	46	224
85120AH	ROAD BRIDGE SUPERSTRUCTURE STEEL STRINGERS 30 FT SPAN 30 DEG SKEW ENDS, DOUBLE LANE, CLASS 60	38	52	16,543	45	227	67	339
85120AJ	ROAD BRIDGE SUPERSTRUCTURE STEEL STRINGERS 40 FT SPAN 30 DEG SKEW ENDS, DOUBLE LANE, CLASS 60	55	72	23,424	62	311	87	460
85120AK	ROAD BRIDGE SUPERSTRUCTURE STEEL STRINGERS 50 FT SPAN 30 DEG SKEW ENDS, DOUBLE LANE, CLASS 60	85	91	42,751	137	523	108	768
85120AL	ROAD BRIDGE SUPERSTRUCTURE STEEL STRINGERS 60 FT SPAN 30 DEG SKEW ENDS, DOUBLE LANE, CLASS 60	100	107	50,267	148	613	131	892
85120AM	ROAD BRIDGE SUPERSTRUCTURE, TIMBER STRINGERS 18 FT SPAN 30 DEG SKEW DOUBLE LANE CLASS 60	24	35	4,525	5	160	74	239
85120AN	ROAD BRIDGE SUPERSTRUCTURE STEEL STRINGERS 20 FT SPAN SQUARE ENDS SINGLE LANE CLASS 60	15	17	5,865	25	136	41	202
85120AP	ROAD BRIDGE SUPERSTRUCTURE STEEL STRINGERS 30 FT SPAN SQUARE ENDS SINGLE LANE CLASS 60	23	24	9,781	25	136	41	202
85120AR	ROAD BRIDGE SUPERSTRUCTURE STEEL STRINGERS 40 FT SPAN SQUARE ENDS SINGLE LANE CLASS 60	32	38	14,362	36	183	53	272

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FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS MOB	VERT	GENL	TOT
85120AT	ROAD BRIDGE SUPERSTRUCTURE STEEL STRINGERS 50 FT SPAN SQUARE ENDS SINGLE LANE CLASS 60	50	41	22,093	55	262	64	381
85120AU	ROAD BRIDGE SUPERSTRUCTURE STEEL STRINGERS 60 FT SPAN SQUARE ENDS SINGLE LANE CLASS 60	59	51	25,774	81	347	78	506
85120AV	ROAD BRIDGE SUPERSTRUCTURE TIMBER STRINGERS 18 FT SPAN SQ ENDS SINGLE LANE CLASS 60	13	19	2,400	2	72	32	106
85120AW	ROAD BRIDGE SUPERSTRUCTURE STEEL STRINGERS 20 FT SPAN 30 DEG SKEW ENDS, SINGLE LANE, CLASS 60	17	20	5,805	17	95	30	142
85120AY	ROAD BRIDGE SUPERSTRUCTURE STEEL STRINGERS 30 FT SPAN 30 DEG SKEW ENDS, SINGLE LANE, CLASS 60	23	27	8,342	28	146	44	218
85120BA	ROAD BRIDGE SUPERSTRUCTURE STEEL STRINGERS 40 FT SPAN 30 DEG SKEW ENDS, SINGLE LANE, CLASS 60	24	24	12,419	38	193	55	286
85120BB	ROAD BRIDGE SUPERSTRUCTURE STEEL STRINGERS 50 FT SPAN 30 DEG SKEW ENDS, SINGLE LANE, CLASS 60	49	51	27,445	58	273	67	398
85120BC	ROAD BRIDGE SUPERSTRUCTURE STEEL STRINGERS 60 FT SPAN 30 DEG SKEW ENDS, SINGLE LANE, CLASS 60	59	64	30,110	83	358	81	522
85120BD	ROAD BRIDGE SUPERSTRUCTURE TIMBER STRINGERS 18 FT SPAN 30 DEG SKEW SINGLE LANE CLASS 60	14	21	2,672	2	104	46	152
85120BE	ROAD BRIDGE SUPERSTRUCTURE GLUE LAMINATED TIMBER GIRDERS 20 FT SPAN SQUARE ENDS DOUBLE LANE, CLASS 60	18	25	25,116	28	135	41	204
85120BF	ROAD BRIDGE SUPERSTRUCTURE GLUE LAMINATED TIMBER GIRDERS 30 FT SPAN SQUARE ENDS DOUBLE LANE, CLASS 60	26	39	39,046	49	215	60	324
85120BG	ROAD BRIDGE SUPERSTRUCTURE GLUE LAMINATED TIMBER GIRDERS 40 FT SPAN SQUARE ENDS DOUBLE LANE, CLASS 60	46	55	55,328	60	273	78	411

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FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85120BH	ROAD BRIDGE SUPERSTRUCTURE GLUE LAMINATED TIMBER GIRDERS 50 FT SPAN SQUARE ENDS DOUBLE LANE, CLASS 60	65	78	75,283	75	329	92	496
85120BJ	ROAD BRIDGE SUPERSTRUCTURE GLUE LAMINATED TIMBER GIRDERS 60 FT SPAN SQUARE ENDS DOUBLE LANE, CLASS 60	89	106	101,343	87	386	110	583
85120BK	ROAD BRIDGE SUPERSTRUCTURE GLUE LAMINATED TIMBER GIRDERS 20 FT SPAN 30 SKEW ENDS DOUBLE LANE, CLASS 60	25	30	25,215	38	145	37	220
85120BL	ROAD BRIDGE SUPERSTRUCTURE GLUE LAMINATED TIMBER GIRDERS 30 FT SPAN 30 SKEW ENDS DOUBLE LANE, CLASS 60	40	45	39,560	59	225	55	339
85120BM	ROAD BRIDGE SUPERSTRUCTURE GLUE LAMINATED TIMBER GIRDERS 40 FT SPAN 30 SKEW ENDS DOUBLE LANE, CLASS 60	56	63	55,341	70	281	74	425
85120BN	ROAD BRIDGE SUPERSTRUCTURE GLUE LAMINATED TIMBER GIRDERS 50 FT SPAN 30 SKEW ENDS DOUBLE LANE, CLASS 60	77	87	74,912	84	328	87	499
85120BP	ROAD BRIDGE SUPERSTRUCTURE GLUE LAMINATED TIMBER GIRDERS 60 FT SPAN 30 SKEW ENDS DOUBLE LANE, CLASS 60	101	116	93,536	104	394	106	604
85120BR	ROAD BRIDGE SUPERSTRUCTURE GLUE LAMINATED TIMBER GIRDERS 20 FT SPAN SQUARE ENDS SINGLE LANE, CLASS 60	11	16	13,045	17	79	23	119
85120BT	ROAD BRIDGE SUPERSTRUCTURE GLUE LAMINATED TIMBER GIRDERS 30 FT SPAN SQUARE ENDS SINGLE LANE, CLASS 60	16	25	20,968	28	124	37	189
85120BU	ROAD BRIDGE SUPERSTRUCTURE GLUE LAMINATED TIMBER GIRDERS 40 FT SPAN SQUARE ENDS SINGLE LANE, CLASS 60	27	35	28,948	35	162	51	248

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FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85120BV	ROAD BRIDGE SUPERSTRUCTURE GLUE LAMINATED TIMBER GIRDERS 50 FT SPAN SQUARE ENDS SINGLE LANE, CLASS 60	38	48	39,661	43	199	60	302
85120BW	ROAD BRIDGE SUPERSTRUCTURE GLUE LAMINATED TIMBER GIRDERS 60 FT SPAN SQUARE ENDS SINGLE LANE, CLASS 60	51	63	53,869	52	251	74	377
85120BY	ROAD BRIDGE SUPERSTRUCTURE GLUE LAMINATED TIMBER GIRDERS 20 FT SPAN 30 SKEW ENDS SINGLE LANE, CLASS 60	16	19	14,545	23	92	28	143
85120CA	ROAD BRIDGE SUPERSTRUCTURE GLUE LAMINATED TIMBER GIRDERS 30 FT SPAN 30 SKEW ENDS SINGLE LANE, CLASS 60	26	28	20,998	35	136	37	208
85120CB	ROAD BRIDGE SUPERSTRUCTURE GLUE LAMINATED TIMBER GIRDERS 40 FT SPAN 30 SKEW ENDS SINGLE LANE, CLASS 60	36	39	31,890	41	171	51	263
85120CC	ROAD BRIDGE SUPERSTRUCTURE GLUE LAMINATED TIMBER GIRDERS 50 FT SPAN 30 SKEW ENDS SINGLE LANE, CLASS 60	50	53	43,269	49	206	60	315
85120CD	ROAD BRIDGE SUPERSTRUCTURE GLUE LAMINATED TIMBER GIRDERS 60 FT SPAN 30 SKEW ENDS SINGLE LANE, CLASS 60	65	69	55,011	59	246	74	379
85120CE	ROAD BRIDGE SUBSTRUCTURE, DOUBLE LANE, TIMBER PILE ABUTMENT, 18 FT TIMBER SPAN, CLASS 60	10	10	4,042	44	94	127	265
85120CF	ROAD BRIDGE SUBSTRUCTURE, DOUBLE LANE, TIMBER FRAME ABUTMENT, 18 FT TIMBER SPAN, CLASS 60	9	13	4,677	35	160	133	328
85120CG	ROAD BRIDGE SUBSTRUCTURE, DOUBLE LANE, TIMBER PILE ABUTMENT, 30 FT STEEL SPAN, CLASS 60	12	13	4,055	55	120	138	313

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FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85120CH	ROAD BRIDGE SUBSTRUCTURE, DOUBLE LANE, TIMBER FRAME ABUTMENT, 30 FT STEEL SPAN, CLASS 60	11	15	4,609	37	166	138	341
85120CJ	ROAD BRIDGE SUBSTRUCTURE, DOUBLE LANE, TIMBER PILE ABUTMENT, 60 FT STEEL SPAN, CLASS 60	15	16	3,936	55	120	138	313
85120CK	ROAD BRIDGE SUBSTRUCTURE DOUBLE LANE, REINF CONC ABUTMENT ON TIMBER PILES, 18 FT TIMBER SPAN, CLASS 60	43	31	2,569	55	251	150	456
85120CL	ROAD BRIDGE SUBSTRUCTURE, DOUBLE LANE, REINF CONC ABUTMENT, 18 FT TIMBER SPAN, CLASS 60	45	32	2,376	40	252	132	424
85120CM	ROAD BRIDGE SUBSTRUCTURE, DOUBLE LANE, REINF CONC ABUTMENT ON TIMBER PILES, 30 FT STEEL SPAN, CLASS 60	42	31	2,735	51	244	138	433
85120CN	ROAD BRIDGE SUBSTRUCTURE, DOUBLE LANE, REINF CONC ABUTMENT, 30 FT STEEL SPAN, CLASS 60	43	30	2,403	39	250	144	433
85120CP	ROAD BRIDGE SUBSTRUCTURE, DOUBLE LANE, REINF CONC ABUTMENT ON TIMBER PILES, 60 FT STEEL SPAN, CLASS 60	45	34	3,034	53	254	138	445
85120CR	ROAD BRIDGE SUBSTRUCTURE, DOUBLE LANE, REINF CONC ABUTMENT, 60 FT STEEL SPAN, CLASS 60	48	33	2,510	40	253	161	454
85120CT	ROAD BRIDGE SUBSTRUCTURE, DOUBLE LANE, REINF CONC ABUTMENT ON TIMBER PILES, 18 FT TIMBER SPAN 30 DEG SKEW CLASS 60	48	35	2,912	58	269	150	477
85120CU	ROAD BRIDGE SUBSTRUCTURE, DOUBLE LANE, REINF CONC ABUTMENT, 18 FT TIMBER SPAN 30 DEG SKEW, CLASS 60	53	37	2,753	41	263	155	459
85120CV	ROAD BRIDGE SUBSTRUCTURE, DOUBLE LANE, REINF CONC ABUTMENT ON TIMBER PILES, 60 FT STEEL SPAN, 30 DEG SKEW CLASS 60	47	35	3,305	60	265	150	475
85120CW	ROAD BRIDGE SUBSTRUCTURE, DOUBLE LANE, REINF CONC ABUTMENT, 60 FT STEEL SPAN, 30 DEG SKEW, CLASS 60	52	36	2,779	40	254	155	449

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85120CY	ROAD BRIDGE SUBSTRUCTURE, SINGLE LANE, TIMBER PILE ABUTMENT, 18 FT TIMBER SPAN CLASS 60	6	6	2,542	30	53	81	164
85120DA	ROAD BRIDGE SUBSTRUCTURE, SINGLE LANE, TIMBER FRAME ABUTMENT, 18 FT TIMBER SPAN, CLASS 60	5	8	2,814	18	90	74	182
85120DB	ROAD BRIDGE SUBSTRUCTURE, SINGLE LANE, TIMBER PILE ABUTMENT, 30 FT STEEL SPAN, CLASS 60	7	8	2,431	37	76	104	217
85120DD	ROAD BRIDGE SUBSTRUCTURE, SINGLE LANE, TIMBER PILE ABUTMENT, 60 FT STEEL SPAN, CLASS 60	9	10	2,626	41	87	115	243
85120DE	ROAD BRIDGE SUBSTRUCTURE, SINGLE LANE, REINF CONC ABUTMENT ON TIMBER PILES, 18 FT TIMBER SPAN, CLASS 60	28	21	1,746	40	171	98	309
85120DF	ROAD BRIDGE SUBSTRUCTURE DOUBLE LANE TIMBER PILE PIER 30 FT HIGH FOR 36 FT TIMBER OR 120 FT STEEL MAX COMB SPANS CLASS 60	67	61	13,219	29	175	92	296
85120DG	ROAD BRIDGE SUBSTRUCTURE, SINGLE LANE REINF CONC ABUTMENT ON TIMBER PILES, 30 FT STEEL SPAN, CLASS 60	26	20	1,783	40	167	98	305
85120DH	ROAD BRIDGE SUBSTRUCTURE, SINGLE LANE, REINF CONC ABUTMENT, 30 FT STEEL SPAN, CLASS 60	26	19	1,528	28	170	92	290
85120DJ	ROAD BRIDGE SUBSTRUCTURE, SINGLE LANE, REINF CONC ABUTMENT ON TIMBER PILES, 60 FT STEEL SPAN, CLASS 60	28	21	1,957	40	167	98	305
85120DK	ROAD BRIDGE SUBSTRUCTURE, SINGLE LANE, REINF CONC ABUTMENT, 60 FT STEEL SPAN, CLASS 60	22	16	1,499	28	170	92	290
85120DL	ROAD BRIDGE SUBSTRUCTURE, SINGLE LANE, REINF CONC ABUTMENT ON TIMBER PILES, 18 FT TIMBER SPAN 30 DEG SKEW CLASS 60	32	24	1,978	43	186	109	338
85120DM	ROAD BRIDGE SUBSTRUCTURE, SINGLE LANE, REINF CONC ABUTMENT, 18 FT TIMBER SPAN 30 DEG SKEW, CLASS 60	34	24	1,850	30	182	92	304

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FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85120DN	ROAD BRIDGE SUBSTRUCTURE, SINGLE LANE, REINF CONC ABUTMENT ON TIMBER PILES, 60 FT STEEL SPAN, 30 DEG SKEW CLASS 60	32	24	2,192	45	190	109	344
85120DP	ROAD BRIDGE SUBSTRUCTURE, SINGLE LANE, REINF CONC ABUTMENT, 60 FT STEEL SPAN, 30 DEG SKEW, CLASS 60	33	23	1,871	29	182	92	303
85120DR	ROAD BRIDGE SUBSTRUCTURE DOUBLE LANE TIMBER PILE BENT 10 FT HIGH FOR 36 FT TIMBER OR 50 FT STEEL MAX COMBINED SPANS, CLASS 60	8	8	2,408	30	61	98	189
85120DT	ROAD BRIDGE SUBSTRUCTURE DOUBLE LANE TIMBER PILE BENT 15 FT HIGH FOR 36 FT TIMBER OR 50 FT STEEL MAX COMBINED SPANS, CLASS 60	9	9	2,485	30	66	98	194
85120DU	ROAD BRIDGE SUBSTRUCTURE DOUBLE LANE TIMBER PILE BENT 20 FT HIGH FOR 36 FT TIMBER OR 50 FT STEEL MAX COMBINED SPANS, CLASS 60	11	11	2,790	32	76	104	212
85120DV	ROAD BRIDGE SUBSTRUCTURE DOUBLE LANE TIMBER PILE BENT 25 FT HIGH FOR 36 FT TIMBER OR 50 FT STEEL MAX COMBINED SPANS, CLASS 60	11	11	2,647	35	76	104	215
85120DW	ROAD BRIDGE SUBSTRUCTURE DOUBLE LANE TIMBER PILE BENT 30 FT HIGH FOR 36 FT TIMBER OR 50 FT STEEL MAX COMBINED SPANS, CLASS 60	12	12	6,365	35	76	104	215
85120DY	ROAD BRIDGE SUBSTRUCTURE DOUBLE LANE TIMBER PILE PIER 10 FT HIGH FOR 36 FT TIMBER OR 120 FT STEEL MAX COMB SPANS CLASS 60	25	29	6,546	58	76	104	238
85120EA	ROAD BRIDGE SUBSTRUCTURE DOUBLE LANE TIMBER PILE PIER 15 FT HIGH FOR 36 FT TIMBER OR 120 FT STEEL MAX COMB SPANS CLASS 60	28	32	6,879	58	81	104	243
85120EB	ROAD BRIDGE SUBSTRUCTURE DOUBLE LANE TIMBER PILE PIER 20 FT HIGH FOR 36 FT TIMBER OR 120 FT STEEL MAX COMB SPANS CLASS 60	33	38	7,707	58	92	115	265

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FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85120EC	ROAD BRIDGE SUBSTRUCTURE DOUBLE LANE TIMBER PILE PIER 25 FT HIGH FOR 36 FT TIMBER OR 120 FT STEEL MAX COMB SPANS CLASS 60	35	39	7,497	58	116	121	295
85120ED	ROAD BRIDGE SUPERSTRUCTURE TIMBER STRINGERS 18 FT SPAN SQ ENDS DOUBLE LANE CLASS 60	23	34	4,290	5	130	60	195
85120EE	ROAD BRIDGE SUBSTRUCTURE STEEL PILE BENT ALL BOLTED CONSTR DOUBLE LANE 10 FT HIGH FOR 36 FT TIMBER OR 70 FT STEEL MAX COMB SPANS CLASS 60	7	6	5,090	30	84	40	154
85120EF	ROAD BRIDGE SUBSTRUCTURE STEEL PILE BENT ALL BOLTED CONSTR DOUBLE LANE 15 FT HIGH FOR 36 FT TIMBER OR 70 FT STEEL MAX COMB SPANS CLASS 60	7	8	5,646	31	89	40	160
85120EG	ROAD BRIDGE SUBSTRUCTURE STEEL PILE BENT ALL BOLTED CONSTR DOUBLE LANE 20 FT HIGH FOR 36 FT TIMBER OR 70 FT STEEL MAX COMB SPANS CLASS 60	8	7	6,141	31	91	52	174
85120EH	ROAD BRIDGE SUBSTRUCTURE STEEL PILE BENT ALL BOLTED CONSTR DOUBLE LANE 25 FT HIGH FOR 36 FT TIMBER OR 70 FT STEEL MAX COMB SPANS CLASS 60	9	8	6,873	33	97	58	188
85120EJ	ROAD BRIDGE SUBSTRUCTURE STEEL PILE BENT ALL BOLTED CONSTR DOUBLE LANE 30 FT HIGH FOR 36 FT TIMBER OR 70 FT STEEL MAX COMB SPANS CLASS 60	10	9	7,414	35	97	58	190
85120EK	ROAD BRIDGE SUBSTRUCTURE DOUBLE LANE TIMBER TRESTLE PIER 10 FT HIGH FOR 36 FT TIMBER OR 60 FT STEEL MAX COMB SPANS CLASS 60	9	13	5,486	32	129	115	276
85120EL	ROAD BRIDGE SUBSTRUCTURE DOUBLE LANE TIMBER TRESTLE PIER 15 FT HIGH FOR 36 FT TIMBER OR 60 FT STEEL MAX COMB SPANS CLASS 60	10	15	5,650	32	133	115	280

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85120EM	ROAD BRIDGE SUBSTRUCTURE SINGLE LANE TIMBER PILE BENT 10 FT HIGH FOR 36 FT TIMBER OR 50 FT STEEL MAX COMBINED SPANS, CLASS 60	4	4	1,152	18	28	46	92
85120EN	ROAD BRIDGE SUBSTRUCTURE SINGLE LANE TIMBER PILE BENT 15 FT HIGH FOR 36 FT TIMBER OR 50 FT STEEL MAX COMBINED SPANS, CLASS 60	5	5	1,240	20	30	52	102
85120EP	ROAD BRIDGE SUBSTRUCTURE, SINGLE LANE TIMBER PILE BENT 20 FT HIGH FOR 36 FT TIMBER OR 50 FT STEEL MAX COMBINED SPANS, CLASS 60	7	7	1,444	22	35	58	115
85120ER	ROAD BRIDGE SUBSTRUCTURE SINGLE LANE TIMBER PILE BENT 25 FT HIGH FOR 36 FT TIMBER OR 50 FT STEEL MAX COMBINED SPANS, CLASS 60	7	7	1,363	22	35	58	115
85120ET	ROAD BRIDGE SUBSTRUCTURE SINGLE LANE TIMBER PILE BENT 30 FT HIGH FOR 36 FT TIMBER OR 50 FT STEEL, MAX COMBINED SPANS, CLASS 60	8	8	2,654	23	41	69	133
85120EU	ROAD BRIDGE SUBSTRUCTURE SINGLE LANE TIMBER PILE PIER 10 FT HIGH FOR 36 FT TIMBER OR 120 FT STEEL MAX COMBINED SPANS CLASS 60	14	16	3,759	37	51	69	157
85120EV	ROAD BRIDGE SUBSTRUCTURE SINGLE LANE TIMBER PILE PIER 15 FT HIGH FOR 36 FT TIMBER OR 120 FT STEEL MAX COMBINED SPANS CLASS 60	16	19	4,101	37	55	69	161
85120EW	ROAD BRIDGE SUBSTRUCTURE SINGLE LANE TIMBER PILE PIER 20 FT HIGH FOR 36 FT TIMBER OR 120 FT STEEL MAX COMBINED SPANS CLASS 60	22	24	4,720	37	62	81	180
85120EY	ROAD BRIDGE SUBSTRUCTURE SINGLE LANE TIMBER PILE PIER 25 FT HIGH FOR 36 FT TIMBER OR 120 FT STEEL MAX COMBINED SPANS CLASS 60	23	25	4,601	37	90	104	231
85120FA	ROAD BRIDGE SUBSTRUCTURE SINGLE LANE TIMBER PILE PIER 30 FT HIGH FOR 36 FT TIMBER OR 120 FT STEEL MAX COMBINED SPANS CLASS 60	26	29	7,981	37	101	115	253

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FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85120FB	ROAD BRIDGE SUBSTRUCTURE STEEL PILE BENT ALL BOLTED CONSTR, SINGLE LANE 10 FT HIGH FOR 36 FT TIMBER OR 70 FT STEEL MAX COMB SPANS CLASS 60	5	5	3,792	24	60	35	119
85120FC	ROAD BRIDGE SUBSTRUCTURE STEEL PILE BENT ALL BOLTED CONSTR SINGLE LANE 15 FT HIGH FOR 36 FT TIMBER OR 70 FT STEEL MAX COMB SPANS CLASS 60	6	5	4,165	24	60	35	119
85120FD	ROAD BRIDGE SUBSTRUCTURE STEEL PILE BENT ALL BOLTED CONSTR SINGLE LANE 20 FT HIGH FOR 36 FT TIMBER OR 70 FT STEEL MAX COMB SPANS CLASS 60	6	6	4,657	24	60	35	119
85120FE	ROAD BRIDGE SUBSTRUCTURE STEEL PILE BENT ALL BOLTED CONSTR SINGLE LANE 25 FT HIGH FOR 36 FT TIMBER OR 70 FT STEEL MAX COMB SPANS CLASS 60	7	6	5,225	29	74	40	143
85120FF	ROAD BRIDGE SUBSTRUCTURE STEEL PILE BENT ALL BOLTED CONSTR SINGLE LANE 30 FT HIGH FOR 36 FT TIMBER OR 70 FT STEEL MAX COMB SPANS CLASS 60	8	7	5,767	29	74	40	143
85120FG	ROAD BRIDGE SUBSTRUCTURE SINGLE LANE TIMBER TRESTLE PIER 10 FT HIGH FOR 36 FT TIMBER OR 60 FT STEEL MAX COMB SPANS CLASS 60	5	7	2,237	22	74	69	165
85120FH	ROAD BRIDGE SUBSTRUCTURE SINGLE LANE TIMBER TRESTLE PIER 15 FT HIGH FOR 36 FT TIMBER OR 60 FT STEEL MAX COMB SPANS CLASS 60	6	8	2,355	22	78	69	169
85120FJ	ROAD BRIDGE SUBSTRUCTURE DOUBLE LANE TIMBER TOWER 10 FT HIGH FOR 36 FT TIMBER OR 120 FT STEEL MAX COMBINED SPANS, CLASS 60	24	33	9,961		213	173	386

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85120FK	ROAD BRIDGE SUBSTRUCTURE DOUBLE LANE TIMBER TOWER 20 FT HIGH FOR 36 FT TIMBER OR 120 FT STEEL MAX COMBINED SPANS, CLASS 60	37	51	13,672	46	506	276	828
85120FL	ROAD BRIDGE SUBSTRUCTURE DOUBLE LANE TIMBER TOWER 30 FT HIGH FOR 36 FT TIMBER OR 120 FT STEEL MAX COMBINED SPANS, CLASS 60	49	70	16,971	58	656	345	1,059
85120FM	ROAD BRIDGE SUBSTRUCTURE DOUBLE LANE TIMBER TOWER 40 FT HIGH FOR 36 FT TIMBER OR 120 FT STEEL MAX COMBINED SPANS, CLASS 60	61	86	20,000	69	759	414	1,242
85120FN	ROAD BRIDGE SUBSTRUCTURE DOUBLE LANE TIMBER TOWER 50 FT HIGH FOR 36 FT TIMBER OR 120 FT STEEL MAX COMBINED SPANS, CLASS 60	77	109	23,852	69	897	552	1,518
85120FP	ROAD BRIDGE SUBSTRUCTURE DOUBLE LANE TIMBER TOWER 60 FT HIGH FOR 36 FT TIMBER OR 120 FT STEEL MAX COMBINED SPANS, CLASS 60	89	128	27,145	81	1,047	644	1,772
85120FR	ROAD BRIDGE SUBSTRUCTURE STEEL TOWER DOUBLE LANE 20 FT HIGH FOR 120 FT STEEL MAX COMBINED SPANS CLASS 60	23	22	25,124	39	159	83	281
85120FT	ROAD BRIDGE SUBSTRUCTURE STEEL TOWER DOUBLE LANE 40 FT HIGH FOR 120 FT STEEL MAX COMBINED SPANS CLASS 60	32	30	40,155	55	261	124	440
85120FU	ROAD BRIDGE SUBSTRUCTURE STEEL TOWER DOUBLE LANE 60 FT HIGH FOR 120 FT STEEL MAX COMBINED SPANS CLASS 60	41	38	55,321	71	339	161	571
85120FV	ROAD BRIDGE SUBSTRUCTURE STEEL TOWER DOUBLE LANE 80 FT HIGH FOR 120 FT STEEL MAX COMBINED SPANS CLASS 60	51	46	70,745	91	416	193	700
85120FW	ROAD BRIDGE SUBSTRUCTURE SINGLE LANE TIMBER TOWER 10 FT HIGH FOR 36 FT TIMBER OR 120 FT STEEL MAX COMBINED SPANS, CLASS 60	13	19	5,480		132	104	236

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FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85120FY	ROAD BRIDGE SUBSTRUCTURE SINGLE LANE TIMBER TOWER 20 FT HIGH FOR 06 FT TIMBER OR 120 FT STEEL MAX COMBINED SPANS, CLASS 60	22	31	7,878	23	305	173	501
85120GA	ROAD BRIDGE SUBSTRUCTURE SINGLE LANE TIMBER TOWER 30 FT HIGH FOR 36 FT TIMBER OR 120 FT STEEL MAX COMBINED SPANS, CLASS 60	30	43	9,861	35	357	207	599
85120GB	ROAD BRIDGE SUBSTRUCTURE SINGLE LANE TIMBER TOWER 40 FT HIGH FOR 36 FT TIMBER OR 120 FT STEEL MAX COMBINED SPANS, CLASS 60	38	55	11,965	44	467	262	775
85120GC	ROAD BRIDGE SUBSTRUCTURE SINGLE LANE TIMBER TOWER 50 FT HIGH FOR 36 FT TIMBER OR 120 FT STEEL MAX COMBINED SPANS, CLASS 60	48	69	14,246	51	524	368	943
85120GD	ROAD BRIDGE SUBSTRUCTURE SINGLE LANE TIMBER TOWER 60 FT HIGH FOR 36 FT TIMBER OR 120 FT STEEL MAX COMBINED SPANS, CLASS 60	56	81	16,361	58	628	460	1,146
85120GE	ROAD BRIDGE SUBSTRUCTURE, 14 CONCRETE FOOTINGS 6FT6IN X 4FT10IN ON TIMBER PILES FOR 10 FT THRU 60 FT HIGH TIMBER TOWERS, DOUBLE LANE	64	49	4,521	69	110	276	455
85120GF	ROAD BRIDGE SUBSTRUCTURE, 14 CONCRETE FOOTINGS 6FT6IN X 4FT10IN ON TWO STEEL PILES FOR 10 FT THRU 60 FT HIGH TIMBER TOWERS, DOUBLE LANE	56	41	13,145	62	87	202	351
85120GG	ROAD BRIDGE SUBSTRUCTURE, 14 CONCRETE FOOTINGS 12FT X 4FT10IN,2500 PSF FOUNDATION SOIL CAPACITY FOR 10 FT THRU 60 FT HIGH TIMBER TOWERS DOUBLE LANE	123	84	3,644	74	159	317	550
85120GH	ROAD BRIDGE SUBSTRUCTURE 14 CONCRETE FOOTINGS 6FT X 4FT 5000 PSF FOUNDATION SOIL CAPACITY FOR 10 FT THRU 60 FT HIGH TIMBER TOWERS DOUBLE LANE	52	36	1,782	41	97	193	331

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FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85120GJ	ROAD BRIDGE SUBSTRUCTURE, 6 CONCRETE FOOTINGS 11FT6IN X 11FT6IN 2500 PSF FOUNDATION SOIL CAPACITY FOR 20, 40, 60, 80 FT STEEL TOWERS, DOUBLE LANE	75	51	2,781	59	159	184	402
85120GK	ROAD BRIDGE SUBSTRUCTURE, 6 CONCRETE FOOTINGS 8FT X 8 FT 5000 PSF FOUNDATION SOIL CAPACITY FOR 20, 40, 60, 80 FT STEEL TOWERS, DOUBLE LANE	39	27	1,498	46	122	138	306
85120GL	ROAD BRIDGE SUBSTRUCTURE, 6 CONCRETE FOOTINGS 5FT X 5 FT ON STEEL PILES FOR 20,40,60,80 FT STEEL TOWERS, DOUBLE LANE	27	21	10,094	45	56	150	251
85120GN	ROAD BRIDGE SUBSTRUCTURE, 8 CONCRETE FOOTINGS 6FT6IN X 4FT10IN ON TWO STEEL PILES FOR 10 FT THRU 60 FT HIGH TIMBER TOWERS, SINGLE LANE	68	51	10,092	47	71	152	270
85120GP	ROAD BRIDGE SUBSTRUCTURE 8 CONCRETE FOOTINGS 9FT X 6FT 2500 PSF FOUNDATION SOIL CAPACITY FOR 10 FT THRU 60 FT HIGH TIMBER TOWERS SINGLE LANE	66	44	1,965	51	92	193	336
85120GR	ROAD BRIDGE SUBSTRUCTURE 8 CONCRETE FOOTINGS 6FT X 4FT 5000 PSF FOUNDATION SOIL CAPACITY FOR 10 FT THRU 60 FT HIGH TIMBER TOWERS SINGLE LANE	30	20	1,018	28	56	110	194
85120GT	ROAD BRIDGE SUBSTRUCTURE, 14 TIMBER FOOTINGS 8FT8IN X 4FT6IN,2500 PSF FOUNDATION SOIL CAPACITY FOR 10 FT THRU 60 FT TIMBER TOWERS, DOUBLE LANE	9	13	1,934	49	97	121	267
85120GU	ROAD BRIDGE SUBSTRUCTURE, 14 TIMBER FOOTINGS 6FT X 3FT 5000 PSF FOUNDATION SOIL CAPACITY FOR 10 FT THRU 60 FT TIMBER TOWERS, DOUBLE LANE	5	8	1,295	39	74	92	205
85120GV	ROAD BRIDGE SUBSTRUCTURE, 6 TIMBER FOOTINGS 10FT X 10FT 2500 PSF FOUNDATION SOIL CAPACITY FOR 20, 40, 60, 80 FT STEEL TOWERS, DOUBLE LANE	19	24	6,937	25	61	63	149

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	SERL	TOT
85120GW	ROAD BRIDGE SUBSTRUCTURE 6 TIMBER FOOTINGS 7FT X 7FT 5000 PSF FOUNDATION SOIL CAPACITY FOR 20, 40, 60, 80 FT STEEL TOWERS DOUBLE LANE	11	13	4,671	25	60	58	143
85120GY	ROAD BRIDGE SUBSTRUCTURE, 8 TIMBER FOOTINGS 8FT X 5FT 2500 PSF FOR 10 FT THRU 60 FT HIGH TIMBER TOWERS, SINGLE LANE	5	7	1,087	32	55	69	156
85120HA	ROAD BRIDGE SUBSTRUCTURE, 8 TIMBER FOOTINGS 6FT X 3FT 5000 PSF FOR 10 FT THRU 60 FT HIGH TIMBER TOWERS, SINGLE LANE	3	4	746	26	41	52	119
85120HE	BRIDGE,BAILEY,COMPLETE SET. THE BAILEY BRIDGE IS INCLUDED IN AFCS FOR PLANNING PURPOSES DETAILED DESCRIPTION AND ERECTION INSTRUCTIONS ARE IN TM5-277. AFCS DRAWINGS 85120HE THROUGH 85120LH SHOW FIELD USES.	4	87	78,648	127		146	273
85130AA	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-4 FT,HAUL DISTANCE-2 MI,GRASS,NO ROCK, COMBAT BN CONSTR	5	3	2,769	2,237		825	3,062
85130AB	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-4 FT,HAUL DISTANCE-2 MI,WOODLAND,NO ROCK,COMBAT BN CONSTR	5	3	2,769	2,391		880	3,271
85130AC	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-4 FT,HAUL DISTANCE-2 MI,FOREST,NO ROCK, COMBAT BN CONSTR	5	3	2,769	3,994		2,022	6,016
85130AD	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-8 FT,HAUL DISTANCE-5 MI,GRASS,NO ROCK, COMBAT BN CONSTR	6	6	3,112	8,887		1,111	9,998
85130AE	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-8 FT,HAUL DISTANCE-5 MI,WOODLAND,NO ROCK,COMBAT BN CONSTR	6	6	3,112	9,060		1,180	10,240

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DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85130AF	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-8 FT,HAUL DISTANCE-5 MI,FOREST,NO ROCK, COMBAT BN CONSTR	6	6	3,112	11,063		2,622	13,685
85130AG	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,GRASS,NO ROCK,COMBAT BN CONSTR	4	4	1,986	1,065		360	1,425
85130AH	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,GRASS,MOD ROCK,COMBAT BN CONSTR	4	7	2,203	2,366		986	3,352
85130AJ	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,GRASS,HVY ROCK,COMBAT BN CONSTR	4	10	2,416	3,659		1,599	5,258
85130AK	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,WOODLAND,NO ROCK,COMBAT BN CONSTR	4	4	1,986	1,259		439	1,698
85130AL	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,WOODLAND,MOD ROCK,COMBAT BN CONSTR	4	7	2,203	2,560		1,065	3,625
85130AM	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,WOODLAND,HVY ROCK,COMBAT BN CONSTR	4	10	2,416	3,854		1,678	5,532
85130AN	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,FOREST,NO ROCK,COMBAT BN CONSTR	4	4	1,986	2,934		2,033	4,967
85130AP	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,FOREST,MOD ROCK,COMBAT BN CONSTR	4	7	2,203	4,234		2,659	6,893
85130AR	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,FOREST,HVY ROCK,COMBAT BN CONSTR	4	10	2,416	5,528		3,272	8,800
85130AT	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,GRASS,NO ROCK,COMBAT BN CONSTR	16	5	9,276	1,226		431	1,657
85130AU	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,GRASS,MOD ROCK,COMBAT BN CONSTR	16	8	9,492	2,650		1,059	3,709

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DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85130AV	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,GRASS,HVY ROCK,COMBAT BN CONSTR	16	11	9,706	4,061		1,672	5,733
85130AW	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,WOODLAND,NO ROCK,COMBAT BN CONSTR	16	5	9,276	1,354		483	1,837
85130AY	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,WOODLAND,MOD ROCK,COMBAT BN CONSTR	16	8	9,492	2,875		1,156	4,031
85130BA	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,WOODLAND,HVY ROCK,COMBAT BN CONSTR	16	11	9,706	4,284		1,769	6,053
85130BB	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,FOREST,NO ROCK,COMBAT BN CONSTR	16	5	9,276	3,190		2,236	5,426
85130BC	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,FOREST,MOD ROCK,COMBAT BN CONSTR	16	8	9,492	4,874		3,067	7,941
85130BD	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,FOREST,HVY ROCK,COMBAT BN CONSTR	16	11	9,706	6,285		3,680	9,965
85130BE	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,GRASS,NO ROCK,COMBAT BN CONSTR	22	15	12,199	1,880		685	2,565
85130BF	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,GRASS,MOD ROCK,COMBAT BN CONSTR	23	18	12,415	4,264		1,887	6,151
85130BG	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,GRASS,HVY ROCK,COMBAT BN CONSTR	23	21	12,629	6,745		3,123	9,868
85130BH	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,WOODLAND,NO ROCK,COMBAT BN CONSTR	22	15	12,199	2,209		837	3,046
85130BJ	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,WOODLAND,MOD ROCK,COMBAT BN CONSTR	23	18	12,415	4,422		1,998	6,420
85130BK	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,WOODLAND,HVY ROCK,COMBAT BN CONSTR	23	21	12,629	6,828		3,223	10,051

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DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85130BL	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,FOREST,NO ROCK,COMBAT BN CONSTR	22	15	12,199	4,300		3,051	7,351
85130BM	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,FOREST,MOD ROCK,COMBAT BN CONSTR	23	18	12,415	6,604		4,298	10,902
85130BN	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,FOREST,HVY ROCK,COMBAT BN CONSTR	23	21	12,629	8,888		5,526	14,414
85130BP	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED, MOUNTAINOUS TERRAIN,GRASS,NO ROCK,COMBAT BN CONSTR	30	18	16,740	4,107		1,623	5,730
85130BR	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED, MOUNTAINOUS TERRAIN,GRASS,MOD ROCK,COMBAT BN CONSTR	30	21	16,957	8,765		3,472	12,237
85130BT	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED, MOUNTAINOUS TERRAIN,GRASS,HVY ROCK,COMBAT BN CONSTR	30	24	17,171	13,490		5,318	18,808
85130BU	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED, MOUNTAINOUS TERRAIN,WOODLAND,NO ROCK,COMBAT BN CONSTR	30	18	16,740	4,724		1,934	6,658
85130BV	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED, MOUNTAINOUS TERRAIN,WOODLAND,MOD ROCK,COMBAT BN CONSTR	30	21	16,957	9,140		3,732	12,872
85130BW	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED, MOUNTAINOUS TERRAIN,WOODLAND,HVY ROCK,COMBAT BN CONSTR	30	24	17,171	13,739		5,575	19,314
85130BY	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED, MOUNTAINOUS TERRAIN,FOREST,NO ROCK,COMBAT BN CONSTR	30	18	16,740	8,528		6,284	14,812
85130CA	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED, MOUNTAINOUS TERRAIN,FOREST,MOD ROCK,COMBAT BN CONSTR	30	21	16,957	12,174		7,976	20,150
85130CB	ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED, MOUNTAINOUS TERRAIN,FOREST,HVY ROCK,COMBAT BN CONSTR	30	24	17,171	16,055		9,815	25,870
85130CC	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-4 FT, HAUL DISTANCE-2 MI,GRASS,NO ROCK,COMBAT BN CONSTR			221	324		62	386

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	SENL	TOT
85130CD	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-4 FT, HAUL DISTANCE-2 MI,WOODLAND,NO ROCK,COMBAT BN CONSTR			221	353		67	420
85130CE	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-4 FT, HAUL DISTANCE-2 MI,FOREST,NO ROCK,COMBAT BN CONSTR			221	532		147	679
85130CF	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-8 FT, HAUL DISTANCE-5 MI,GRASS,NO ROCK,COMBAT BN CONSTR			189	927		166	1,093
85130CG	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-8 FT, HAUL DISTANCE-5 MI,WOODLAND,NO ROCK,COMBAT BN CONSTR			189	956		170	1,126
85130CH	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-8 FT, HAUL DISTANCE-5 MI,FOREST,NO ROCK,COMBAT BN CONSTR			189	1,135		251	1,386
85130CJ	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,GRASS,NO ROCK, COMBAT BN CONSTR			221	217		28	245
85130CK	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,GRASS,MOD ROCK, COMBAT BN CONSTR		1	248	373		98	471
85130CL	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,GRASS,HVY ROCK, COMBAT BN CONSTR		1	272	528		168	696
85130CM	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,WOODLAND,NO ROCK,COMBAT BN CONSTR			221	246		32	278
85130CN	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,WOODLAND,MOD ROCK,COMBAT BN CONSTR		1	248	404		102	506

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DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85130CP	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,WOODLAND,HVY ROCK,COMBAT BN CONSTR		1	272	557		173	730
85130CR	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,FOREST,NO ROCK, COMBAT BN CONSTR			221	427		113	540
85130CT	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,FOREST,MOD ROCK, COMBAT BN CONSTR		1	248	584		183	767
85130CU	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,FOREST,HVY ROCK, COMBAT BN CONSTR		1	272	737		253	990
85130CV	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,GRASS,NO ROCK, COMBAT BN CONSTR	1		818	244		36	280
85130CW	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,GRASS,MOD ROCK, COMBAT BN CONSTR	1	1	846	414		106	520
85130CY	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,GRASS,HVY ROCK, COMBAT BN CONSTR	1	1	870	588		176	764
85130DA	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,WOODLAND,NO ROCK, COMBAT BN CONSTR	1		818	271		40	311
85130DB	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,WOODLAND,MOD ROCK, COMBAT BN CONSTR	1	1	846	447		110	557
85130DC	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,WOODLAND,HVY ROCK, COMBAT BN CONSTR	1	1	870	616		181	797

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85130DD	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,FOREST,NO ROCK, COMBAT BN CONSTR	1		818	466		128	594
85130DE	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,FOREST,MOD ROCK, COMBAT BN CONSTR	1	1	846	660		207	867
85130DF	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,FOREST,HVY ROCK, COMBAT BN CONSTR	1	1	870	829		277	1,106
85130DG	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,GRASS,NO ROCK,COMBAT BN CONSTR	2	1	1,076	375		55	430
85130DH	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,GRASS,MOD ROCK,COMBAT BN CONSTR	2	2	1,104	664		193	857
85130DJ	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,GRASS,HVY ROCK,COMBAT BN CONSTR	2	2	1,128	930		332	1,282
85130DK	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,WOODLAND,NO ROCK, COMBAT BN CONSTR	2	1	1,076	413		64	477
85130DL	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,WOODLAND,MOD ROCK, COMBAT BN CONSTR	2	2	1,104	689		200	889
85130DM	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,WOODLAND,HVY ROCK, COMBAT BN CONSTR	2	2	1,128	974		339	1,313
85130DN	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,FOREST,NO ROCK,COMBAT BN CONSTR	2	1	1,076	630		171	801

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85130DP	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,FOREST,MOD ROCK, COMBAT BN CONSTR	2	2	1,104	909		312	1,221
85130DR	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,FOREST,HVY ROCK, COMBAT BN CONSTR	2	2	1,128	1,209		452	1,661
85130DT	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,MOUNTAINOUS TERRAIN,GRASS,NO ROCK, COMBAT BN CONSTR	3	2	1,477	702		128	830
85130DU	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,MOUNTAINOUS TERRAIN,GRASS,MOD ROCK, COMBAT BN CONSTR	3	2	1,504	1,256		336	1,592
85130DV	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,MOUNTAINOUS TERRAIN,GRASS,HVY ROCK, COMBAT BN CONSTR	3	2	1,528	1,829		547	2,376
85130DW	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,MOUNTAINOUS TERRAIN,WOODLAND,NO ROCK,COMBAT BN CONSTR	3	2	1,477	746		144	890
85130DY	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,MOUNTAINOUS TERRAIN,WOODLAND,MOD ROCK,COMBAT BN CONSTR	3	2	1,504	1,283		347	1,630
85130EA	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,MOUNTAINOUS TERRAIN,WOODLAND,HVY ROCK,COMBAT BN CONSTR	3	2	1,528	1,838		559	2,397
85130EB	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,MOUNTAINOUS TERRAIN,FOREST,NO ROCK, COMBAT BN CONSTR	3	2	1,477	1,119		350	1,469
85130EC	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,MOUNTAINOUS TERRAIN,FOREST,MOD ROCK,COMBAT BN CONSTR	3	2	1,504	1,559		549	2,108

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85130ED	ROAD,TWO LANE,CLASS B,IMPROVE TO ROAD,TWO LANE,CLASS A,ONE MILE,GRADED AND DRAINED,MOUNTAINOUS TERRAIN,FOREST,HVY ROCK,COMBAT BN CONSTR	3	2	1,528	2,018		759	2,777
85130EE	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-4 FT,HAUL DISTANCE-2 MI,GRASS,NO ROCK, COMBAT BN CONSTR	5	3	2,547	2,056		757	2,813
85130EF	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-4 FT,HAUL DISTANCE-2 MI,WOODLAND,NO ROCK,COMBAT BN CONSTR	5	3	2,547	2,206		808	3,014
85130EG	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-4 FT,HAUL DISTANCE-2 MI,FOREST,NO ROCK, COMBAT BN CONSTR	5	3	2,547	3,697		1,871	5,568
85130EH	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-8 FT,HAUL DISTANCE-5 MI,GRASS,NO ROCK, COMBAT BN CONSTR	6	5	2,923	8,164		1,021	9,185
85130EJ	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-8 FT,HAUL DISTANCE-5 MI,WOODLAND,NO ROCK,COMBAT BN CONSTR	6	5	2,923	8,332		1,087	9,419
85130EK	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-8 FT,HAUL DISTANCE-5 MI,FOREST,NO ROCK, COMBAT BN CONSTR	6	5	2,923	10,228		2,453	12,681
85130EL	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,GRASS,NO ROCK,COMBAT BN CONSTR	4	3	1,765	989		329	1,318
85130EM	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,GRASS,MOD ROCK,COMBAT BN CONSTR	4	6	1,956	2,140		884	3,024
85130EN	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,GRASS,HVY ROCK,COMBAT BN CONSTR	4	9	2,145	3,286		1,424	4,710

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85130EP	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,WOODLAND,NO ROCK,COMBAT BN CONSTR	4	3	1,765	1,171		401	1,572
85130ER	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AN DRAINED,FLAT PLAIN TERRAIN,WOODLAND,MOD ROCK,COMBAT BN CONSTR	4	6	1,956	2,320		957	3,277
85130ET	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,WOODLAND,HVY ROCK,COMBAT BN CONSTR	4	9	2,145	3,467		1,496	4,963
85130EU	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,FOREST,NO ROCK,COMBAT BN CONSTR	4	3	1,765	2,719		1,875	4,594
85130EV	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,FOREST,MOD ROCK,COMBAT BN CONSTR	4	6	1,956	3,873		2,430	6,303
85130EW	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,FOREST,HVY ROCK,COMBAT BN CONSTR	4	9	2,145	5,015		2,969	7,984
85130EY	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,GRASS,NO ROCK,COMBAT BN CONSTR	14	5	8,457	1,142		397	1,539
85130FA	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,GRASS,MOD ROCK,COMBAT BN CONSTR	14	7	8,648	2,399		955	3,354
85130FB	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,GRASS,HVY ROCK,COMBAT BN CONSTR	15	10	8,837	3,652		1,494	5,146
85130FC	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,WOODLAND,NO ROCK,COMBAT BN CONSTR	14	5	8,457	1,264		445	1,709
85130FD	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,WOODLAND,MOD ROCK,COMBAT BN CONSTR	14	7	8,648	2,605		1,041	3,646
85130FE	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,WOODLAND,HVY ROCK,COMBAT BN CONSTR	15	10	8,837	3,863		1,580	5,443
85130FF	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,FOREST,NO ROCK,COMBAT BN CONSTR	14	5	8,457	2,960		2,063	5,023

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS NOR	VERY	GENL	TOT
85130FG	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,FOREST,MOD ROCK,COMBAT BN CONSTR	14	7	8,648	4,461		2,807	7,268
85130FH	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,FOREST,HVY ROCK,COMBAT BN CONSTR	15	10	8,837	5,710		3,347	9,057
85130FJ	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,GRASS,NO ROCK,COMBAT BN CONSTR	21	14	11,122	1,733		627	2,360
85130FK	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,GRASS,MOD ROCK,COMBAT BN CONSTR	21	17	11,313	3,849		1,699	5,548
85130FL	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,GRASS,HVY ROCK,COMBAT BN CONSTR	21	19	11,502	6,032		2,777	8,809
85130FM	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,WOODLAND,NO ROCK,COMBAT BN CONSTR	21	14	11,122	2,037		765	2,802
85130FN	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,WOODLAND,MOD ROCK,COMBAT BN CONSTR	21	17	11,313	4,001		1,792	5,793
85130FP	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,WOODLAND,HVY ROCK,COMBAT BN CONSTR	21	19	11,502	6,136		2,870	9,006
85130FR	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,FOREST,NO ROCK,COMBAT BN CONSTR	21	14	11,122	3,992		2,816	6,808
85130FT	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,FOREST,MOD ROCK,COMBAT BN CONSTR	21	17	11,313	6,039		3,923	9,962
85130FU	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,FOREST,HVY ROCK,COMBAT BN CONSTR	21	19	11,502	8,053		5,001	13,054
85130FV	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED MOUNTAINOUS TERRAIN,GRASS,NO ROCK,COMBAT BN CONSTR	27	17	15,263	3,778		1,485	5,263
85130FW	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED, MOUNTAINOUS TERRAIN,GRASS,MOD ROCK,COMBAT BN CONSTR	28	19	15,454	7,878		3,127	11,005

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85130FY	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED, MOUNTAINOUS TERRAIN,GRASS,HVY ROCK,COMBAT BN CONSTR	28	22	15,643	12,057		4,745	16,802
85130GA	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED, MOUNTAINOUS TERRAIN,WOODLAND,NO ROCK,COMBAT BN CONSTR	27	17	15,263	4,326		1,769	6,095
85130GB	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED, MOUNTAINOUS TERRAIN,WOODLAND,MOD ROCK,COMBAT BN CONSTR	28	19	15,454	8,226		3,363	11,589
85130GC	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED, MOUNTAINOUS TERRAIN,WOODLAND,HVY ROCK,COMBAT BN CONSTR	28	22	15,643	12,315		4,981	17,296
85130GD	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED, MOUNTAINOUS TERRAIN,FOREST,NO ROCK,COMBAT BN CONSTR	27	17	15,263	7,868		5,812	13,680
85130GE	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED, MOUNTAINOUS TERRAIN,FOREST,MOD ROCK,COMBAT BN CONSTR	28	19	15,454	11,091		7,290	18,381
85130GF	ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED, MOUNTAINOUS TERRAIN,FOREST,HVY ROCK,COMBAT BN CONSTR	28	22	15,643	14,516		8,908	23,424
85130GG	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-4 FT, HAUL DISTANCE-2 MI,GRASS,NO ROCK,COMBAT BN CONSTR	1	1	554	753		201	954
85130GH	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-4 FT, HAUL DISTANCE-2 MI,WOODLAND,NO ROCK,COMBAT BN CONSTR	1	1	554	787		208	995
85130GJ	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-4 FT, HAUL DISTANCE-2 MI,FOREST,NO ROCK,COMBAT BN CONSTR	1	1	554	1,190		392	1,582
85130GK	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-8 FT, HAUL DISTANCE-5 MI,GRASS,NO ROCK,COMBAT BN CONSTR	1	1	472	2,067		209	2,276

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85130GL	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-8 FT, HAUL DISTANCE-5 MI,WOODLAND,NO ROCK,COMBAT BN CONSTR	1	1	472	2,103		216	2,319
85130GM	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-8 FT, HAUL DISTANCE-5 MI,FOREST,NO ROCK,COMBAT BN CONSTR	1	1	472	2,515		400	2,915
85130GN	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,GRASS,NO ROCK, COMBAT BN CONSTR	1	1	552	469		100	569
85130GP	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,GRASS,MOD ROCK, COMBAT BN CONSTR	1	2	610	840		284	1,124
85130GR	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,GRASS,HVY ROCK, COMBAT BN CONSTR	1	3	674	1,205		459	1,664
85130GT	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,WOODLAND,NO ROCK,COMBAT BN CONSTR	1	1	552	509		114	623
85130GU	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,WOODLAND,MOD ROCK,COMBAT BN CONSTR	1	2	610	888		291	1,179
85130GV	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,WOODLAND,HVY ROCK,COMBAT BN CONSTR	1	3	662	1,250		466	1,716
85130GW	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,FOREST,NO ROCK, COMBAT BN CONSTR	1	1	552	918		298	1,216
85130GY	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,FOREST,MOD ROCK, COMBAT BN CONSTR	1	2	610	1,282		475	1,757

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85130HA	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,FOREST,HVY ROCK, COMBAT BN CONSTR	1	3	674	1,658		650	2,308
85130HB	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,GRASS,NO ROCK, COMBAT BN CONSTR	3	1	1,637	526		120	646
85130HC	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,GRASS,MOD ROCK, COMBAT BN CONSTR	3	2	1,695	930		308	1,238
85130HD	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,GRASS,HVY ROCK, COMBAT BN CONSTR	3	3	1,759	1,332		483	1,815
85130HE	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,WOODLAND,NO ROCK, COMBAT BN CONSTR	3	1	1,637	546		130	676
85130HF	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,WOODLAND,MOD ROCK, COMBAT BN CONSTR	3	2	1,695	983		313	1,296
85130HG	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,WOODLAND,HVY ROCK, COMBAT BN CONSTR	3	3	1,747	1,380		488	1,868
85130HH	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,FOREST,NO ROCK, COMBAT BN CONSTR	3	1	1,637	991		332	1,323
85130HJ	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,FOREST,MOD ROCK, COMBAT BN CONSTR	3	2	1,695	1,447		534	1,981
85130HK	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,FOREST,HVY ROCK, COMBAT BN CONSTR	3	3	1,759	1,860		708	2,568

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85130HL	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,GRASS,NO ROCK,COMBAT BN CONSTR	4	3	2,153	764		191	955
85130HN	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,GRASS,MOD ROCK,COMBAT BN CONSTR	4	4	2,211	1,444		546	1,990
85130HN	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,GRASS,HVY ROCK,COMBAT BN CONSTR	4	4	2,275	2,140		896	3,036
85130HP	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,WOODLAND,NO ROCK, COMBAT BN CONSTR	4	3	2,153	822		219	1,041
85130HR	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,WOODLAND,MOD ROCK, COMBAT BN CONSTR	4	4	2,211	1,479		551	2,030
85130HT	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,WOODLAND,HVY ROCK, COMBAT BN CONSTR	4	4	2,263	2,147		900	3,047
85130HU	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,FOREST,NO ROCK,COMBAT BN CONSTR	4	3	2,153	1,304		449	1,753
85130HV	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,FOREST,MOD ROCK, COMBAT BN CONSTR	4	4	2,211	1,955		803	2,758
85130HW	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,FOREST,HVY ROCK, COMBAT BN CONSTR	4	4	2,275	2,616		1,152	3,768
85130HY	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,MOUNTAINOUS TERRAIN,GRASS,NO ROCK, COMBAT BN CONSTR	5	3	2,954	1,495		446	1,941

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85130JA	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,MOUNTAINOUS TERRAIN,GRASS,MOD ROCK, COMBAT BN CONSTR	5	4	3,013	2,832		1,006	3,838
85130JB	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,MOUNTAINOUS TERRAIN,GRASS,HVY ROCK, COMBAT BN CONSTR	5	5	3,076	4,158		1,531	5,689
85130JC	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,MOUNTAINOUS TERRAIN,WOODLAND,NO ROCK,COMBAT BN CONSTR	5	3	2,954	1,578		505	2,081
85130JD	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,MOUNTAINOUS TERRAIN,WOODLAND,MOD ROCK,COMBAT BN CONSTR	5	4	3,013	2,865		1,010	3,875
85130JE	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,MOUNTAINOUS TERRAIN,WOODLAND,HVY ROCK,COMBAT BN CONSTR	5	5	3,064	4,160		1,536	5,696
85130JF	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,MOUNTAINOUS TERRAIN,FOREST,NO ROCK, COMBAT BN CONSTR	5	3	2,954	2,390		921	3,311
85130JG	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,MOUNTAINOUS TERRAIN,FOREST,MOD ROCK,COMBAT BN CONSTR	5	4	3,013	3,439		1,432	4,87
85130JH	ROAD,ONE LANE,CLASS C,IMPROVE TO ROAD,TWO LANE,CLASS B,ONE MILE,GRADED AND DRAINED,MOUNTAINOUS TERRAIN,FOREST,HVY ROCK,COMBAT BN CONSTR	5	5	3,076	4,567		1,956	6,523
85130JJ	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-4 FT,HAUL DISTANCE-2 MI,GRASS,NO ROCK, COMBAT BN CONSTR	4	2	1,993	1,512		555	2,067
85130JK	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-4 FT,HAUL DISTANCE-2 MI,WOODLAND,NO ROCK,COMBAT BN CONSTR	4	2	1,993	1,692		597	2,289

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS MOB	VERT	GENL	TOT
85130JL	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-4 FT,HAUL DISTANCE-2 MI,FOREST,NO ROCK, COMBAT BN CONSTR	4	2	1,993	2,926		1,473	4,399
85130JM	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-8 FT,HAUL DISTANCE-5 MI,GRASS,NO ROCK, COMBAT BN CONSTR	5	5	2,452	6,397		812	7,209
85130JN	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-8 FT,HAUL DISTANCE-5 MI,WOODLAND,NO ROCK,COMBAT BN CONSTR	5	5	2,452	6,544		871	7,415
85130JP	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-8 FT,HAUL DISTANCE-5 MI,FOREST,NO ROCK, COMBAT BN CONSTR	5	5	2,452	8,178		2,047	10,225
85130JR	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,GRASS,NO ROCK,COMBAT BN CONSTR	2	2	1,214	766		240	1,006
85130JT	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,GRASS,MOD ROCK,COMBAT BN CONSTR	3	4	1,346	1,549		612	2,161
85130JU	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,GRASS,HVY ROCK,COMBAT BN CONSTR	3	6	1,472	2,324		976	3,300
85130JV	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,WOODLAND,NO ROCK,COMBAT BN CONSTR	2	2	1,214	920		302	1,222
85130JW	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,WOODLAND,MOD ROCK,COMBAT BN CONSTR	3	4	1,346	1,791		674	2,465
85130JY	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,WOODLAND,HVY ROCK,COMBAT BN CONSTR	3	6	1,472	2,582		1,038	3,620
85130KA	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,FOREST,NO ROCK,COMBAT BN CONSTR	2	2	1,214	2,180		1,500	3,680

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS MOB	VERT	GENL	TOT
85130KB	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,FOREST,MOD ROCK,COMBAT BN CONSTR	3	4	1,346	2,962		1,871	4,833
85130KC	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,FOREST,HVY ROCK,COMBAT BN CONSTR	3	6	1,472	3,738		2,236	5,974
85130KD	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,GRASS,NO ROCK,COMBAT BN CONSTR	12	4	6,820	879		288	1,167
85130KE	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,GRASS,MOD ROCK,COMBAT BN CONSTR	12	6	6,953	1,734		659	2,393
85130KF	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,GRASS,HVY ROCK,COMBAT BN CONSTR	12	7	7,079	2,581		1,024	3,605
85130KG	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,WOODLAND,NO ROCK,COMBAT BN CONSTR	12	4	6,820	996		336	1,332
85130KH	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,WOODLAND,MOD ROCK,COMBAT BN CONSTR	12	6	6,953	2,015		735	2,750
85130KJ	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,WOODLAND,HVY ROCK,COMBAT BN CONSTR	12	7	7,079	2,882		1,099	3,981
85130KK	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,FOREST,NO ROCK,COMBAT BN CONSTR	12	4	6,820	2,379		1,654	4,033
85130KL	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,FOREST,MOD ROCK,COMBAT BN CONSTR	12	6	6,953	3,412		2,170	5,582
85130KM	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,FOREST,HVY ROCK,COMBAT BN CONSTR	12	7	7,079	4,260		2,535	6,795
85130KN	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED HILLY TERRAIN,GRASS,NO ROCK,COMBAT BN CONSTR	17	11	8,970	1,318		463	1,781
85130KP	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,GRASS,MOD ROCK,COMBAT BN CONSTR	17	13	9,102	2,746		1,176	3,922

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85130KR	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,GRASS,HVY ROCK,COMBAT BN CONSTR	17	15	9,228	4,225		1,906	6,131
85130KT	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,WOODLAND,NO ROCK,COMBAT BN CONSTR	17	11	8,970	1,603		615	2,218
85130KU	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,WOODLAND,MOD ROCK,COMBAT BN CONSTR	17	13	9,102	3,043		1,256	4,299
85130KV	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,WOODLAND,HVY ROCK,COMBAT BN CONSTR	17	15	9,228	4,510		1,985	6,495
85130KW	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,FOREST,NO ROCK,COMBAT BN CONSTR	17	11	8,970	3,174		2,249	5,423
85130KY	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,FOREST,MOD ROCK,COMBAT BN CONSTR	17	13	9,102	4,559		2,992	7,551
85130LA	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,FOREST,HVY ROCK,COMBAT BN CONSTR	17	15	9,228	5,929		3,721	9,650
85130LB	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED, MOUNTAINOUS TERRAIN,GRASS,NO ROCK,COMBAT BN CONSTR	22	14	12,309	2,780		1,083	3,863
85130LC	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED, MOUNTAINOUS TERRAIN,GRASS,MOD ROCK,COMBAT BN CONSTR	22	15	12,442	5,566		2,170	7,736
85130LD	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED, MOUNTAINOUS TERRAIN,GRASS,HVY ROCK,COMBAT BN CONSTR	22	17	12,568	8,397		3,264	11,661
85130LE	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED, MOUNTAINOUS TERRAIN,WOODLAND,NO ROCK,COMBAT BN CONSTR	22	14	12,309	3,234		1,328	4,562
85130LF	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED, MOUNTAINOUS TERRAIN,WOODLAND,MOD ROCK,COMBAT BN CONSTR	22	15	12,442	6,266		2,385	8,651
85130LG	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED, MOUNTAINOUS TERRAIN,WOODLAND,HVY ROCK,COMBAT BN CONSTR	22	17	12,568	8,778		3,479	12,257

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85130LH	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED, MOUNTAINOUS TERRAIN,FOREST,NO ROCK,COMBAT BN CONSTR	22	14	12,309	6,233		4,651	10,884
85130LJ	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED, MOUNTAINOUS TERRAIN,FOREST,MOD ROCK,COMBAT BN CONSTR	22	15	12,442	8,381		5,613	13,994
85130LK	ROAD,ONE LANE,CLASS C,ONE MILE,GRADED AND DRAINED MOUNTAINOUS TERRAIN,FOREST,HVY ROCK,COMBAT BN CONSTR	22	17	12,568	10,707		6,707	17,414
85140AA	ROAD MAINTENANCE,SINGLE LANE,BITUMINOUS SURFACED, COLD PATCH,30 DAYS,100 MILES	44	57	17,196	4,518	799	6,153	11,470
85140AB	ROAD MAINTENANCE, SINGLE LANE, EARTH SURFACE, 30 DAYS, 100 MILES	5	2	2,707	4,140		5,520	9,660
85140AC	ROAD MAINTENANCE, DOUBLE LANE, 30 DAY, 100 MILE, BITUMINOUS SURFACE, COLD PATCH	85	113	32,747	4,888	1,576	6,854	13,318
85140AD	SNOW REMOVAL, 100 MILES OF DOUBLE LANE ROAD, INCLUDING FENCING, PLOWING, AND SAND SPREADING FOR ONE TEMPERATE CLIMATE WINTER SEASON	33	30	13,920	4,106	4,370	9,660	18,136
85140AE	ROAD MAINTENANCE, DOUBLE LANE, 30 DAYS, 100 MILES, EARTH SURFACE	5	1	2,772	4,140		5,520	9,660
85190AA	ROAD,BEACH,2 LANE,PORTABLE MAT SURFACING,1 MILE	493	299	124,783		1,035	2,197	3,232
85190AB	ROAD,TWO LANE,WITH FIBERGLASS REINFORCED PLASTIC MATTING, 1 MILE UNIT	108	54	580,824	81		357	438
85210AA	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-4 FT,HAUL DISTANCE-2 MI,GRASS,NO ROCK,COMBAT BN CONSTR	3	1	2,104	164		79	243
85210AB	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-4 FT,HAUL DISTANCE-2 MI,WOODLAND,NO ROCK, COMBAT BN CONSTR	3	1	2,104	169		82	251

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85210AC	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-4 FT,HAUL DISTANCE-2 MI,FOREST,NO ROCK,COMBAT BN CONSTR	3	1	2,104	292		148	440
85210AD	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-8 FT,HAUL DISTANCE-5 MI,GRASS,NO ROCK,COMBAT BN CONSTR	6	1	3,531	495		64	559
85210AE	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-8 FT,HAUL DISTANCE-5 MI,WOODLAND,NO ROCK, COMBAT BN CONSTR	6	1	3,531	501		69	570
85210AF	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-8 FT,HAUL DISTANCE-5 MI,FOREST,NO ROCK,COMBAT BN CONSTR	6	1	3,531	668		161	829
85210AG	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,FLAT PLAIN TERRAIN,GRASS,NO ROCK,COMBAT BN CONSTR	3	1	1,666	72		23	95
85210AH	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,FLAT PLAIN TERRAIN,GRASS,MODERATE ROCK,COMBAT BN CONSTR	3	1	1,684	198		68	266
85210AJ	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,FLAT PLAIN TERRAIN,GRASS,HEAVY ROCK,COMBAT BN CONSTR	3	2	1,702	323		113	436
85210AK	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,FLAT PLAIN TERRAIN,WOODLAND,NO ROCK,COMBAT BN CONSTR	3	1	1,666	83		30	113
85210AL	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,FLAT PLAIN TERRAIN,WOODLAND,MODERATE ROCK,COMBAT BN CONSTR	3	1	1,684	209		75	284
85210AM	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,FLAT PLAIN TERRAIN,WOODLAND,HEAVY ROCK,COMBAT BN CONSTR	3	2	1,702	335		120	455
85210AN	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,FLAT PLAIN TERRAIN,FOREST,NO ROCK,COMBAT BN CONSTR	3	1	1,666	160		69	229

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85210AP	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,FLAT PLAIN TERRAIN,FOREST,MODERATE ROCK,COMBAT BN CONSTR	3	1	1,684	285		114	399
85210AR	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,FLAT PLAIN TERRAIN,FOREST,HEAVY ROCK,COMBAT BN CONSTR	3	2	1,702	411		159	570
85210AT	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,ROLLING TERRAIN, GRASS,NO ROCK,COMBAT BN CONSTR	7	3	4,383	82		30	112
85210AU	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,ROLLING TERRAIN, GRASS,MODERATE ROCK,COMBAT BN CONSTR	7	3	4,402	233		84	317
85210AV	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,ROLLING TERRAIN, GRASS,HEAVY ROCK,COMBAT BN CONSTR	7	4	4,420	382		138	520
85210AW	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,ROLLING TERRAIN, WOODLAND,NO ROCK,COMBAT BN CONSTR	7	3	4,383	90		32	122
85210AY	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,ROLLING TERRAIN, WOODLAND,MODERATE ROCK,COMBAT BN CONSTR	7	3	4,402	247		89	336
85210BA	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,ROLLING TERRAIN, WOODLAND,HEAVY ROCK,COMBAT BN CONSTR	7	4	4,420	396		143	539
85210BB	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,ROLLING TERRAIN, FOREST,NO ROCK,COMBAT BN CONSTR	7	3	4,383	173		74	247
85210BC	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,ROLLING TERRAIN, FOREST,MODERATE ROCK,COMBAT BN CONSTR	7	3	4,402	342		137	479
85210BD	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,ROLLING TERRAIN, FOREST,HEAVY ROCK,COMBAT BN CONSTR	7	4	4,420	490		191	681
85210BE	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,HILLY TERRAIN, GRASS,NO ROCK,COMBAT BN CONSTR	11	5	6,750	139		44	183
85210BF	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,HILLY TERRAIN, GRASS,MODERATE ROCK,COMBAT BN CONSTR	11	5	6,769	376		136	512

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85210BG	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,HILLY TERRAIN, GRASS,HEAVY ROCK,COMBAT BN CONSTR	11	5	6,787	613		225	838
85210BH	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,HILLY TERRAIN, WOODLAND,NO ROCK,COMBAT BN CONSTR	11	5	6,750	158		58	216
85210BJ	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,HILLY TERRAIN, WOODLAND,MODERATE ROCK,COMBAT BN CONSTR	11	5	6,769	393		147	540
85210BK	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,HILLY TERRAIN, WOODLAND,HEAVY ROCK,COMBAT BN CONSTR	11	5	6,787	624		237	861
85210BL	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,HILLY TERRAIN, FOREST,NO ROCK,COMBAT BN CONSTR	11	5	6,750	253		106	359
85210BM	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,HILLY TERRAIN, FOREST,MODERATE ROCK,COMBAT BN CONSTR	11	5	6,769	477		196	673
85210BN	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,HILLY TERRAIN, FOREST,HEAVY ROCK,COMBAT BN CONSTR	11	5	6,787	704		285	989
85210BP	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,MOUNTAINOUS TERRAIN,GRASS,NO ROCK,COMBAT BN CONSTR	19	6	11,353	300		99	399
85210BR	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,MOUNTAINOUS TERRAIN,GRASS,MODERATE ROCK,COMBAT BN CONSTR	19	6	11,372	683		212	895
85210BT	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,MOUNTAINOUS TERRAIN,GRASS,HEAVY ROCK,COMBAT BN CONSTR	19	6	11,390	1,066		322	1,388
85210BU	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,MOUNTAINOUS TERRAIN,WOODLAND,NO ROCK,COMBAT BN CONSTR	19	6	11,353	342		129	471
85210BV	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,MOUNTAINOUS TERRAIN,WOODLAND,MODERATE ROCK,COMBAT BN CONSTR	19	6	11,372	729		242	971
85210BW	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,MOUNTAINOUS TERRAIN,WOODLAND,HEAVY ROCK,COMBAT BN CONSTR	19	6	11,390	1,110		352	1,462

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85210BY	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,MOUNTAINOUS TERRAIN,FOREST,NO ROCK,COMBAT BN CONSTR	19	6	11,353	491		212	703
85210CA	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,MOUNTAINOUS TERRAIN,FOREST,MODERATE ROCK,COMBAT BN CONSTR	19	6	11,372	846		327	1,173
85210CB	HARDSTAND,1000 SQ YDS,GRADED AND DRAINED,MOUNTAINOUS TERRAIN,FOREST,HEAVY ROCK,COMBAT BN CONSTR	19	6	11,390	1,199		437	1,636
85290AA	CONCRETE HEADWALLS FOR CULVERTS,TWO LANE AND ONE LANE ROADS,ONE MILE,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-4 FT,2 MILE HAUL DISTANCE,ALL TYPE VEGETATION AND ROCK CONDITIONS	12	11	1,097	99	176	49	324
85290AB	TIMBER HEADWALLS FOR CULVERTS,TWO LANE AND ONE LANE ROADS, ONE MILE,GRADED AND DRAINED, SWAMP OR DELTA TERRAIN,FILL-4 FT,2 MILE HAUL DISTANCE,ALL TYPE VEGETATION AND ROCK CONDITIONS	7	6	331	21	71	9	101
85290AC	SOIL-CEMENT FILLED SANDBAG HEADWALLS FOR CULVERTS,TWO LANE AND ONE LANE ROADS,ONE MILE,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-4 FT,2 MILE HAUL DISTANCE,ALL TYPE VEGETATION AND ROCK CONDITIONS	6	4	433	14		62	76
85290AD	CONCRETE HEADWALLS FOR CULVERTS,TWO LANE AND ONE LANE ROADS,ONE MILE,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN FILL-8 FT,5 MILE HAUL DISTANCE,ALL TYPE VEGETATION AND ROCK CONDITIONS	13	12	1,298	95	169	48	312
85290AE	TIMBER HEADWALLS FOR CULVERTS,TWO LANE AND ONE LANE ROADS, ONE MILE,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-8 FT,5 MILE HAUL DISTANCE,ALL TYPE VEGETATION AND ROCK CONDITIONS	1	2	288	20	69	9	98
85290AF	SOIL CEMENT FILLED SANDBAG HEADWALLS FOR CULVERTS,TWO LANE AND ONE LANE ROADS,ONE MILE,GRADED AND DRAINED,SWAMP OR DELTA TERRAIN,FILL-8 FT,5 MILE HAUL DISTANCE,ALL TYPE VEGETATION AND ROCK CONDITIONS	6	5	438	14		62	76

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	SEML	TOT
85290AG	CONCRETE HEADWALLS FOR CULVERTS,TWO LANE AND ONE LANE ROADS,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,ALL TYPE VEGETATION AND ROCK CONDITIONS	13	12	1,268	105	190	53	348
85290AH	TIMBER HEADWALLS FOR CULVERTS,TWO LANE AND ONE LANE ROADS, ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,ALL TYPE VEGETATION AND ROCK CONDITIONS	2	2	313	21	74	9	104
85290AJ	SOIL-CEMENT FILLED SANDBAG HEADWALLS FOR CULVERTS,TWO LANE AND ONE LANE ROADS,ONE MILE,GRADED AND DRAINED,FLAT PLAIN TERRAIN,ALL TYPE VEGETATION AND ROCK CONDITIONS	7	5	478	16		72	88
85290AK	CONCRETE HEADWALLS FOR CULVERTS,TWO LANE AND ONE LANE ROADS,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,ALL TYPE VEGETATION AND ROCK CONDITIONS	25	21	2,107	191	338	100	629
85290AL	TIMBER HEADWALLS FOR CULVERTS,TWO LANE AND ONE LANE ROADS, ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,ALL TYPE VEGETATION AND ROCK CONDITIONS	3	5	676	44	163	9	216
85290AM	SOIL-CEMENT FILLED SANDBAG HEADWALLS FOR CULVERTS,TWO LANE AND ONE LANE ROADS,ONE MILE,GRADED AND DRAINED,ROLLING TERRAIN,ALL TYPE VEGETATION AND ROCK CONDITIONS	16	11	1,108	37		166	203
85290AN	CONCRETE HEADWALLS FOR CULVERTS,TWO LANE AND ONE LANE ROADS,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,ALL TYPE VEGETATION AND ROCK CONDITIONS	39	34	3,481	294	538	170	1,002
85290AP	TIMBER HEADWALLS FOR CULVERTS,TWO LANE AND ONE LANE ROADS, ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,ALL TYPE VEGETATION AND ROCK CONDITIONS	5	7	1,003	64	239	18	321
85290AR	SOIL-CEMENT FILLED SANDBAG HEADWALLS FOR CULVERTS,TWO LANE AND ONE LANE ROADS,ONE MILE,GRADED AND DRAINED,HILLY TERRAIN,ALL TYPE VEGETATION AND ROCK CONDITIONS	23	16	1,563	51		228	279
85290AT	CONCRETE HEADWALLS FOR CULVERTS,TWO LANE AND ONE LANE ROADS,ONE MILE,GRADED AND DRAINED,MOUNTAINOUS TERRAIN,ALL TYPE VEGETATION AND ROCK CONDITIONS	51	45	4,540	390	707	221	1,318

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
85290AU	TIMBER HEADWALLS FOR CULVERTS,TWO LANE AND ONE LANE ROADS, ONE MILE,GRADED AND DRAINED,MOUNTAINOUS TERRAIN,ALL TYPE VEGETATION AND ROCK CONDITIONS	7	10	1,356	86	322	23	431
85290AV	SOIL-CEMENT FILLED SANDBAG HEADWALLS FOR CULVERTS,TWO LANE AND ONE LANE ROADS,ONE MILE,GRADED AND DRAINED,MOUNTAINOUS TERRAIN,ALL TYPE VEGETATION AND ROCK CONDITIONS	31	23	2,166	69		311	380
85291AA	BAILEY BRIDGE 2X2 110 LF. THIS FACILITY SATISFIES A REQUIREMENT OF MILITARY PLANNERS AND THERE ARE NO DRAWINGS IN TM5-302. DATA SUPPLIED BY DAEN-SG IN DEC 1977.	1	72	42,533	23	39	439	501
85291AB	BRIDGE ERECTION SET,FIXED BAILEY BRIDGE		4	27,021				
86010AA	RAILROAD MATERIAL FOR ONE MILE OF SINGLE TRACK USING 90 LB. RAIL.	473	600	137,470	2,091		5,465	7,556
86010AB	RAILROAD TRACK TURNOUT NUMBER 8,56-1/2 INCH GAGE 90 LB 90 LB RAIL WITH TIES AND FITTINGS	13	13	4,018	2	115	5	122
86030AA	RAILROAD BRIDGE SUPERSTRUCTURE TIMBER STRINGER 16 FT SPAN, SINGLE TRACK, E45 LOADING SQUARE ENDS	3	5	731	2	46	46	94
86030AB	RAILROAD BRIDGE SUPERSTRUCTURE TIMBER STRINGER 16 FT SPAN, SINGLE TRACK, E45 LOADING 30 DEG SKEW ENDS	3	5	747	2	51	51	104
86030AC	RAILROAD BRIDGE SUPERSTRUCTURE STEEL STRINGER 20 FT SPAN SINGLE TRACK E45 LOADING SQUARE ENDS	5	6	3,322	12	39	37	88
86030AD	RAILROAD BRIDGE SUPERSTRUCTURE STEEL STRINGER 20 FT SPAN SINGLE TRACK E45 LOADING 30 DEG SKEW ENDS	6	6	3,412	12	39	37	88
86030AE	RAILROAD BRIDGE SUPERSTRUCTURE STEEL STRINGER 30 FT SPAN SINGLE TRACK E45 LOADING SQUARE ENDS	8	9	5,167	15	51	46	112

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DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS NON	VERT	GENL	TOT
86030AF	RAILROAD BRIDGE SUPERSTRUCTURE STEEL STRINGER 30 FT SPAN SINGLE TRACK E45 LOADING 30 DEG SKEW ENDS	12	15	6,287	23	74	55	152
86030AG	RAILROAD BRIDGE SUPERSTRUCTURE STEEL STRINGER 40 FT SPAN SINGLE TRACK E45 LOADING SQUARE ENDS	15	15	10,214	18	64	55	137
86030AH	RAILROAD BRIDGE SUPERSTRUCTURE STEEL STRINGER 40 FT SPAN SINGLE TRACK E45 LOADING 30 DEG SKEW ENDS	16	15	9,846	18	64	55	137
86030AJ	RAILROAD BRIDGE SUPERSTRUCTURE STEEL STRINGER 20 FT SPAN, SINGLE TRACK E80 LOADING SQUARE ENDS	7	6	4,481	12	39	37	88
86030AK	RAILROAD BRIDGE SUPERSTRUCTURE STEEL STRINGER 20 FT SPAN SINGLE TRACK E80 LOADING 30 DEG SKEW ENDS	7	7	4,516	12	39	37	88
86030AL	RAILROAD BRIDGE SUPERSTRUCTURE STEEL STRINGER 30 FT SPAN SINGLE TRACK E80 LOADING SQUARE ENDS	12	11	8,879	16	53	46	115
86030AM	RAILROAD BRIDGE SUPERSTRUCTURE STEEL STRINGER 30 FT SPAN SINGLE TRACK E80 LOADING 30 DEG SKEW ENDS	8	8	5,117	16	53	46	115
86030AN	RAILROAD BRIDGE SUPERSTRUCTURE STEEL STRINGER 40 FT SPAN SINGLE TRACK E80 LOADING SQUARE ENDS	24	23	16,783	23	74	55	152
86030AP	RAILROAD BRIDGE SUPERSTRUCTURE TIMBER STRINGER 40 FT SPAN SINGLE TRACK E80 LOADING 30 DEG SKEW ENDS	21	18	14,336	23	74	55	152
86030AR	RAILROAD BRIDGE SUBSTRUCTURE TIMBER ABUTMENT ON TIMBER PILES, SINGLE TRACK E45 16 FT TIMBER SPAN, WITH WALKWAY SQUARE ENDS	5	5	720	33	51	83	167
86030AT	RAILROAD BRIDGE SUBSTRUCTURE TIMBER ABUTMENT ON TIMBER PILES, SINGLE TRACK E45, 16 FT TIMBER SPAN, WITH WALKWAY, 30 DEG SKEW ENDS	6	6	805	33	55	83	171
86030AU	RAILROAD BRIDGE SUBSTRUCTURE TIMBER ABUTMENT ON TIMBER PILES, SINGLE TRACK E45 20 FT STEEL SPAN SQUARE ENDS	7	7	1,051	38	90	97	225

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
86030AV	RAILROAD BRIDGE SUBSTRUCTURE TIMBER ABUTMENT ON TIMBER PILES, SINGLE TRACK E45 20 FT STEEL SPAN 30 DEG SKEW ENDS	7	8	1,140	38	99	97	234
86030AW	RAILROAD BRIDGE SUBSTRUCTURE TIMBER ABUTMENT ON TIMBER PILES, SINGLE TRACK E45 30 FT STEEL SPAN SQUARE ENDS	8	9	1,245	43	106	110	259
86030AY	RAILROAD BRIDGE SUBSTRUCTURE TIMBER ABUTMENT ON TIMBER PILES, SINGLE TRACK E45 30 FT STEEL SPAN 30 DEG SKEW ENDS	9	10	1,332	43	110	110	263
86030BA	RAILROAD BRIDGE SUBSTRUCTURE TIMBER ABUTMENT ON TIMBER PILES, SINGLE TRACK E45 40 FT AND E80, 20 FT STEEL SPAN SQUARE ENDS	9	10	1,778	47	113	124	284
86030BB	RAILROAD BRIDGE SUBSTRUCTURE TIMBER ABUTMENT ON TIMBER PILES, SINGLE TRACK E45 40 FT AND E80 20 FT STEEL SPAN 30 DEG SKEW ENDS	10	11	1,869	47	117	124	288
86030BC	RAILROAD BRIDGE SUBSTRUCTURE TIMBER ABUTMENT ON TIMBER PILES, SINGLE TRACK E80 30 FT STEEL SPAN SQUARE ENDS	12	13	2,139	56	128	131	315
86030BD	RAILROAD BRIDGE SUBSTRUCYURE TIMBER ABUTMENT ON TIMBER PILES, SINGLE TRACK E80, 30 FT STEEL SPAN 30 DEG SKEW ENDS	13	15	2,337	56	137	131	324
86030BE	RAILROAD BRIDGE SUBSTRUCTURE TIMBER ABUTMENT ON TIMBER PILES, SINGLE TRACK E80, 40 FT STEEL SPAN SQUARE ENDS	14	15	1,996	63	150	152	365
86030BF	RAILROAD BRIDGE SUBSTRUCTURE TIMBER ABUTMENT ON TIMBER PILES, SINGLE TRACK E80 40 FT STEEL SPAN 30 DEG SKEW ENDS	15	17	2,269	63	159	152	374
86030BG	RAILROAD BRIDGE SUBSTRUCTURE STEEL PILE ABUTMENT SINGLE TRACK, E45, 16 FT TIMBER SPAN SQUARE ENDS	6	6	4,334	37	48	69	154

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
86030BH	RAILROAD BRIDGE SUBSTRUCTURE STEEL PILE ABUTMENT SINGLE TRACK, E45, 16 FT TIMBER SPAN 30 DEG SKEW ENDS	7	7	4,501	37	51	69	157
86030BJ	RAILROAD BRIDGE SUBSTRUCTURE STEEL PILE ABUTMENT SINGLE TRACK, E45, 20 FT STEEL SPAN SQUARE ENDS	9	9	6,211	41	60	97	198
86030BK	RAILROAD BRIDGE SUBSTRUCTURE STEEL PILE ABUTMENT SINGLE TRACK, E45, 20 FT STEEL SPAN 30 DEG SKEW ENDS	9	9	6,360	41	62	97	200
86030BL	RAILROAD BRIDGE SUBSTRUCTURE STEEL PILE ABUTMENT SINGLE TRACK, E45, 30 FT STEEL SPAN SQUARE ENDS	9	9	6,233	41	60	97	198
86030BM	RAILROAD BRIDGE SUBSTRUCTURE STEEL PILE ABUTMENT SINGLE TRACK, E45, 30 FT STEEL SPAN 30 DEG SKEW ENDS	9	9	6,345	41	62	97	200
86030BN	RAILROAD BRIDGE SUBSTRUCTURE STEEL PILE ABUTMENT SINGLE TRACK, E45, 40 FT STEEL SPAN OR E80, 20 FT STEEL SPAN SQUARE ENDS	9	9	6,743	41	67	97	205
86030BP	RAILROAD BRIDGE SUBSTRUCTURE STEEL PILE ABUTMENT SINGLE TRACK, E45, 40 FT STEEL SPAN OR E80, 20 FT STEEL SPAN 30 DEG SKEW ENDS	10	10	6,792	41	69	97	207
86030BR	RAILROAD BRIDGE SUBSTRUCTURE STEEL PILE ABUTMENT SINGLE TRACK, E80, 30 FT STEEL SPAN SQUARE ENDS	9	9	6,723	41	69	97	207
86030BT	RAILROAD BRIDGE SUBSTRUCTURE STEEL PILE ABUTMENT SINGLE TRACK, E80, 30 FT STEEL SPAN 30 DEG SKEW ENDS	10	10	7,060	41	71	97	209
86030BU	RAILROAD BRIDGE SUBSTRUCTURE STEEL PILE ABUTMENT SINGLE TRACK, E80, 40 FT STEEL SPAN SQUARE ENDS	11	11	7,419	46	78	110	234
86030BV	RAILROAD BRIDGE SUBSTRUCTURE STEEL PILE ABUTMENT SINGLE TRACK, E80, 40 FT STEEL SPAN 30 DEG SKEW ENDS	12	12	7,709	46	83	110	239
86030BW	RAILROAD BRIDGE SUBSTRUCTURE, TIMBER PILE PIER SINGLE TRACK 10 FT HIGH FOR E45, 32 FT TIMBER OR 40 FT STEEL MAXIMUM COMBINED SPANS	8	9	2,240	31	104	92	227

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
86030BY	RAILROAD BRIDGE SUBSTRUCTURE, TIMBER PILE PIER SINGLE TRACK 20 FT HIGH FOR E45, 32 FT TIMBER OR 40 FT STEEL MAXIMUM COMBINED SPANS	11	12	2,785	31	121	121	273
86030CA	RAILROAD BRIDGE SUBSTRUCTURE, TIMBER PILE PIER SINGLE TRACK 30 FT HIGH FOR E45, 32 FT TIMBER OR 40 FT STEEL MAXIMUM COMBINED SPANS	14	14	5,042	31	150	150	331
86030CB	RAILROAD BRIDGE SUBSTRUCTURE, TIMBER PILE PIER SINGLE TRACK, 10 FT HIGH FOR E45, 60 FT STEEL MAXIMUM COMBINED SPANS	11	12	3,585	40	138	115	293
86030CC	RAILROAD BRIDGE SUBSTRUCTURE, TIMBER PILE PIER SINGLE TRACK 20 FT HIGH FOR E45, 60 FT STEEL MAXIMUM COMBINED SPANS	16	16	4,151	40	155	132	327
86030CD	RAILROAD BRIDGE SUBSTRUCTURE, TIMBER PILE PIER SINGLE TRACK 30 FT HIGH FOR E45, 60 FT STEEL MAXIMUM COMBINED SPANS	18	18	6,794	40	173	150	363
86030CE	RAILROAD BRIDGE SUBSTRUCTURE, TIMBER PILE PIER SINGLE TRACK 10 FT HIGH FOR E45, 80 FT OR E80, 40 FT STEEL MAXIMUM COMBINED SPANS	18	20	4,391	47	178	132	357
86030CF	RAILROAD BRIDGE SUBSTRUCTURE, TIMBER PILE PIER SINGLE TRACK 20 FT HIGH FOR E45, 80 FT OR E80, 40 FT STEEL MAXIMUM COMBINED SPANS	23	26	5,649	47	190	144	381
86030CG	RAILROAD BRIDGE SUBSTRUCTURE, TIMBER PILE PIER SINGLE TRACK 30 FT HIGH FOR E45, 80 FT OR E80, 40 FT MAXIMUM COMBINED SPANS	28	30	9,515	47	207	161	415
86030CH	RAILROAD BRIDGE SUBSTRUCTURE, TIMBER PILE PIER SINGLE TRACK 10 FT HIGH FOR E80, 60 FT STEEL MAXIMUM COMBINED SPANS	21	24	5,605	54	189	138	381
86030CJ	RAILROAD BRIDGE SUBSTRUCTURE, TIMBER PILE PIER SINGLE TRACK 20 FT HIGH FOR E80, 60 FT STEEL MAXIMUM COMBINED SPANS	28	30	7,247	54	215	155	424

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	CONSTRUCTION MATERIAL COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
86030CK	RAILROAD BRIDGE SUBSTRUCTURE, TIMBER PILE PIER SINGLE TRACK 30 FT HIGH FOR E80, 60 FT STEEL MAXIMUM COMBINED SPANS	33	35	12,398	54	242	173	469
86030CL	RAILROAD BRIDGE SUBSTRUCTURE, TIMBER PILE PIER SINGLE TRACK 10 FT HIGH FOR E80, 80 FT STEEL MAXIMUM COMBINED SPANS	32	35	8,036	79	328	190	597
86030CM	RAILROAD BRIDGE SUBSTRUCTURE, TIMBER PILE PIER SINGLE TRACK 20 FT HIGH FOR E80, 80 FT STEEL MAXIMUM COMBINED SPANS	42	46	10,346	79	385	190	654
86030CN	RAILROAD BRIDGE SUBSTRUCTURE, TIMBER PILE PIER SINGLE TRACK 30 FT HIGH FOR E80, 80 FT STEEL MAXIMUM COMBINED SPANS	49	51	17,000	79	443	213	735
86030CP	RAILROAD BRIDGE SUBSTRUCTURE STEEL PILE PIER 10 FT HIGH SINGLE TRACK FOR E45, 32 FT TIMBER E45, 80 FT STEEL OR E80, 60 FT STEEL MAXIMUM COMBINED SPANS	10	9	7,151	30	71	46	147
86030CR	RAILROAD BRIDGE SUBSTRUCTURE STEEL PILE PIER 20 FT HIGH SINGLE TRACK FOR E45, 32 FT TIMBER E45, 80 FT STEEL OR E80, 60 FT STEEL MAXIMUM COMBINED SPANS	12	11	9,199	35	91	52	178
86030CT	RAILROAD BRIDGE SUBSTRUCTURE STEEL PILE PIER 30 FT HIGH SINGLE TRACK FOR E45, 32 FT TIMBER E45, 80 FT STEEL OR E80, 60 FT STEEL MAXIMUM COMBINED SPANS	15	14	11,295	40	115	58	213
86030CU	RAILROAD BRIDGE SUBSTRUCTURE STEEL PILE PIER 10 FT HIGH SINGLE TRACK FOR E80, 80 FT STEEL MAXIMUM COMBINED SPANS	12	11	8,963	38	85	58	181
86030CV	RAILROAD BRIDGE SUBSTRUCTURE STEEL PILE PIER 20 FT HIGH SINGLE TRACK FOR E80, 80 FT STEEL MAXIMUM COMBINED SPANS	15	14	11,357	41	100	63	204

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
86030CW	RAILROAD BRIDGE SUBSTRUCTURE STEEL PILE PIER 30 FT HIGH SINGLE TRACK FOR E80, 80 FT STEEL MAXIMUM COMBINED SPANS	18	16	13,986	51	138	69	258
86030CY	RAILROAD BRIDGE SUBSTRUCTURE, TIMBER TOWER 10 FT HIGH, SINGLE TRACK FOR E45 32 FT TIMBER MAXIMUM COMBINED SPANS	8	10	2,211	14	184	138	336
86030DA	RAILROAD BRIDGE SUBSTRUCTURE, TIMBER TOWER 20 FT HIGH, SINGLE TRACK FOR E45 32 FT TIMBER MAXIMUM COMBINED SPANS	14	19	3,820	23	299	207	529
86030DB	RAILROAD BRIDGE SUBSTRUCTURE, TIMBER TOWER 30 FT HIGH, SINGLE TRACK FOR E45 32 FT TIMBER MAXIMUM COMBINED SPANS	22	30	5,739	37	384	317	738
86030DC	RAILROAD BRIDGE SUBSTRUCTURE, TIMBER TOWER 40 FT HIGH, SINGLE TRACK FOR E45 32 FT TIMBER MAXIMUM COMBINED SPANS	29	40	7,517	46	467	428	941
86030DD	RAILROAD BRIDGE SUBSTRUCTURE, TIMBER TOWER 50 FT HIGH, SINGLE TRACK FOR E45 32 FT TIMBER MAXIMUM COMBINED SPANS	36	50	9,452	58	585	531	1,174
86030DE	RAILROAD BRIDGE SUBSTRUCTURE, TIMBER TOWER 60 FT HIGH, SINGLE TRACK FOR E45 32 FT TIMBER MAXIMUM COMBINED SPANS	40	55	10,434	64	649	580	1,293
86030DF	RAILROAD BRIDGE SUBSTRUCTURE, TIMBER TOWER 10 FT HIGH, SINGLE TRACK FOR E45 80 FT OR E80 40 FT STEEL MAXIMUM COMBINED SPANS	15	20	4,316	23	321	214	558
86030DG	RAILROAD BRIDGE SUBSTRUCTURE, TIMBER TOWER 20 FT HIGH, SINGLE TRACK FOR E45 80 FT OR E80 40 FT STEEL MAXIMUM COMBINED SPANS	22	30	6,151	35	458	317	810
86030DH	RAILROAD BRIDGE SUBSTRUCTURE, TIMBER TOWER 30 FT HIGH, SINGLE TRACK FOR E45 80 FT OR E80 40 FT STEEL MAXIMUM COMBINED SPANS	30	41	8,443	48	624	435	1,107

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
86030DJ	RAILROAD BRIDGE SUBSTRUCTURE, TIMBER TOWER 40 FT HIGH, SINGLE TRACK FOR E45 80 FT OR E80 40 FT STEEL MAXIMUM COMBINED SPANS	40	54	11,138	64	777	580	1,421
86030DK	RAILROAD BRIDGE SUBSTRUCTURE, TIMBER TOWER 50 FT HIGH, SINGLE TRACK FOR E45, 80 FT OR E80 40 FT STEEL MAXIMUM COMBINED SPANS	48	65	13,282	74	886	828	1,788
86030DL	RAILROAD BRIDGE SUBSTRUCTURE, TIMBER TOWER 60 FT HIGH, SINGLE TRACK FOR E45, 80 FT OR E80 40 FT STEEL MAXIMUM COMBINED SPANS	59	81	16,297	83	1,028	1,012	2,123
86030DM	RAILROAD BRIDGE SUBSTRUCTURE TIMBER TOWER 10 FT HIGH, SINGLE TRACK FOR E80, 80 FT STEEL MAXIMUM COMBINED SPANS	17	23	4,964	28	373	248	649
86030DN	RAILROAD BRIDGE SUBSTRUCTURE TIMBER TOWER 20 FT HIGH, SINGLE TRACK FOR E80, 80 FT STEEL MAXIMUM COMBINED SPANS	26	35	7,345	41	504	373	918
86030DP	RAILROAD BRIDGE SUBSTRUCTURE TIMBER TOWER 30 FT HIGH, SINGLE TRACK FOR E80, 80 FT STEEL MAXIMUM COMBINED SPANS	35	47	9,765	55	636	504	1,215
86030DR	RAILROAD BRIDGE SUBSTRUCTURE TIMBER TOWER 40 FT HIGH, SINGLE TRACK FOR E80, 80 FT STEEL MAXIMUM COMBINED SPANS	44	60	12,522	71	796	635	1,502
86030DT	RAILROAD BRIDGE SUBSTRUCTURE TIMBER TOWER 50 FT HIGH, SINGLE TRACK FOR E80, 80 FT STEEL MAXIMUM COMBINED SPANS	56	77	15,648	81	995	966	2,042
86030DU	RAILROAD BRIDGE SUBSTRUCTURE TIMBER TOWER 60 FT HIGH, SINGLE TRACK FOR E80, 80 FT STEEL MAXIMUM COMBINED SPANS	65	89	18,245	92	1,076	1,104	2,272
86030DV	RAILROAD BRIDGE SUBSTRUCTURE 15 CONCRETE FOOTINGS 10FT6IN X 2FT6IN 2500 PSF FOUNDATION SOIL CAPACITY FOR TIMBER TOWERS SINGLE TRACK E45 32 FT TIMBER MAXIMUM COMBINED SPANS	25	17	1,967	58	137	186	381

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DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
86030DW	RAILROAD BRIDGE SUBSTRUCTURE 15 CONCRETE FOOTINGS 4FT6IN X 2FT6IN 5000 PSF FOUNDATION SOIL CAPACITY FOR TIMBER TOWERS SINGLE TRACK E45 32 FT TIMBER MAXIMUM COMBINED SPANS	27	19	1,179	39	98	69	206
86030DY	RAILROAD BRIDGE SUBSTRUCTURE 10 CONCRETE FOOTINGS 14FT X 3FT6IN 2500 PSF FOUNDATION SOIL CAP FOR TIMBER TOWERS SINGLE TRACK E45 80 FT OR E80 40 FT STEEL MAXIMUM COMBINED SPANS	75	51	2,478	53	140	196	389
86030EA	RAILROAD BRIDGE SUBSTRUCTURE 10 CONCRETE FOOTINGS 6FT X 3FT PSF FOUNDATION SOIL CAPACITY FOR TIMBER TOWERS SINGLE TRACK E45 80 FT OR E80 40 FT STEEL MAXIMUM COMBINED SPANS	33	22	1,297	38	77	86	201
86030EB	RAILROAD BRIDGE SUBSTRUCTURE 15 CONCRETE FOOTINGS 5FT X 2FT6IN ON TIMBER PILES FOR TIMBER TOWERS SINGLE TRACK E45 32 FT TIMBER MAXIMUM COMBINED SPANS	31	25	2,712	55	116	258	429
86030EC	RAILROAD BRIDGE SUBSTRUCTURE 15 CONCRETE FOOTINGS 2FT6IN X 2FT6IN ON STEEL PILE FOR TIMBER TOWERS SINGLE TRACK E45 32 FT TIMBER MAXIMUM COMBINED SPANS	18	14	6,785	44	71	104	219
86030ED	RAILROAD BRIDGE SUBSTRUCTURE CONCRETE SPREAD FOOTINGS 2500 PSF FOUNDATION SOIL CAPACITY FOR TIMBER TOWERS SINGLE TRACK E80 80 FT STEEL MAXIMUM COMBINED SPANS	45	30	1,747	37	69	86	192
86030EE	RAILROAD BRIDGE SUBSTRUCTURE 12 CONCRETE FOOTINGS 11FT9IN X 4FT6IN 2500 PSF FOUNDATION SOIL CAPACITY FOR TIMBER TOWERS SINGLE TRACK E80 80 FT STEEL MAXIMUM COMBINED SPANS	96	65	3,063	78	171	304	553
86030EF	RAILROAD BRIDGE SUBSTRUCTURE 12 CONCRETE FOOTINGS 8FT9IN X 2FT6IN 5000 PSF FOUNDATION SOIL CAPACITY FOR TIMBER TOWERS SINGLE TRACK E80 80 FT STEEL MAXIMUM COMBINED SPANS	54	37	1,908	52	116	166	334

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
86030EG	RAILROAD BRIDGE SUBSTRUCTURE 10 CONCRETE FOOTINGS 7FT6IN X 2FT6IN ON TIMBER PILES FOR TIMBER TOWERS SINGLE TRACK E45 80 FT OR E80 40 FT STEEL MAXIMUM COMBINED SPANS	31	24	2,624	49	89	166	304
86030EH	RAILROAD BRIDGE SUBSTRUCTURE 12 CONCRETE FOOTINGS 7FT6IN X 2FT6IN ON TIMBER PILES FOR TIMBER TOWERS SINGLE TRACK E80 80 FT STEEL MAXIMUM COMBINED SPANS	37	29	3,181	56	105	193	354
86030EJ	RAILROAD BRIDGE SUBSTRUCTURE 10 CONCRETE FOOTINGS 6FT6IN X 2FT6IN ON STEEL PILES FOR TIMBER TOWERS SINGLE TRACK E45 80 FT OR E80 40 FT STEEL MAXIMUM COMBINED SPANS	26	21	9,142	53	84	132	269
86030EK	RAILROAD BRIDGE SUBSTRUCTURE 12 CONCRETE FOOTINGS 6FT6IN X 2FT6IN ON STEEL PILES FOR TIMBER TOWERS SINGLE TRACK E80 80 FT STEEL MAXIMUM COMBINED SPANS	32	25	10,975	60	98	155	313
86030EL	RAILROAD BRIDGE SUBSTRUCTURE 15 TIMBER FOOTINGS 2FT4IN X 8FT 2500 PSF FOUNDATION SOIL CAP FOR TIMBER TOWERS SINGLE TRACK FOR E45 32 FT TIMBER MAXIMUM COMBINED SPANS	6	9	1,122	17	69	69	155
86030EM	RAILROAD BRIDGE SUBSTRUCTURE 15 TIMBER FOOTINGS 2FT4IN X 4FT 5000 PSF FOUNDATION SOIL CAP FOR TIMBER TOWERS SINGLE TRACK FOR E45 32 FT TIMBER MAXIMUM COMBINED SPANS	3	5	625	17	63	63	143
86030EN	RAILROAD BRIDGE SUBSTRUCTURE 10 TIMBER FOOTINGS 3FT X 12FT 2500 PSF FOUNDATION SOIL CAP FOR TIMBER TOWERS SINGLE TRACK FOR E45 80 FT OR E80 40 FT STEEL MAXIMUM COMBINED SPANS	8	11	1,400	20	84	75	179
86030EP	RAILROAD BRIDGE SUBSTRUCTURE 10 TIMBER FOOTINGS 3FT X 6FT 5000 PSF FOUNDATION SOIL CAP FOR TIMBER TOWERS SINGLE TRACK FOR E45 80 FT OR E80 40 FT STEEL MAXIMUM COMBINED SPANS	5	7	847	20	75	75	170

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
86030ER	RAILROAD BRIDGE SUBSTRUCTURE TIMBER GRILLAGE FOOTINGS 2500 PSF FOUNDATION SOIL CAPACITY FOR TIMBER TOWERS SINGLE TRACK FOR E80 80 FT STEEL MAXIMUM COMBINED SPANS	14	21	2,587	31	121	121	273
86030ET	RAILROAD BRIDGE SUBSTRUCTURE 12 TIMBER FOOTINGS 3FT6IN X 11FT 2500 PSF FOUNDATION SOIL CAP FOR TIMBER TOWERS SINGLE TRACK FOR E80 80 FT STEEL MAXIMUM COMBINED SPANS	11	16	1,956	21	109	109	239
86030EU	RAILROAD BRIDGE SUBSTRUCTURE 12 TIMBER FOOTINGS 2FT4IN X 8FT6IN 5000 PSF FOUNDATION SOIL CAP FOR TIMBER TOWERS SINGLE TRACK FOR E80 80 FT STEEL MAXIMUM COMBINED SPANS	6	8	1,033	21	86	86	193
86030EV	RAILROAD BRIDGE SUBSTRUCTURE STEEL TOWER 10 FT HIGH SINGLE TRACK FOR E45 32 FT TIMBER MAXIMUM COMBINED SPANS	11	15	15,609	30	90	64	184
86030EW	RAILROAD BRIDGE SUBSTRUCTURE STEEL TOWER 20 FT HIGH SINGLE TRACK FOR E45 32 FT TIMBER MAXIMUM COMBINED SPANS	1	1	8,356	44	144	78	266
86030EY	RAILROAD BRIDGE SUBSTRUCTURE STEEL TOWER 30 FT HIGH SINGLE TRACK FOR E45 32 FT TIMBER MAXIMUM COMBINED SPANS	18	19	28,590	53	173	101	327
86030FA	RAILROAD BRIDGE SUBSTRUCTURE STEEL TOWER 40 FT HIGH SINGLE TRACK FOR E45 32 FT TIMBER MAXIMUM COMBINED SPANS	1	3	17,052	68	229	124	421
86030FB	RAILROAD BRIDGE SUBSTRUCTURE STEEL TOWER 50 FT HIGH SINGLE TRACK FOR E45 32 FT TIMBER MAXIMUM COMBINED SPANS	1	4	25,146	79	259	152	490
86030FC	RAILROAD BRIDGE SUBSTRUCTURE STEEL TOWER 60 FT HIGH SINGLE TRACK FOR E45 32 FT TIMBER MAXIMUM COMBINED SPANS	2	5	25,845	95	320	175	590

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
86030FD	RAILROAD BRIDGE SUBSTRUCTURE STEEL TOWER 70 FT HIGH SINGLE TRACK FOR E45 32 FT TIMBER MAXIMUM COMBINED SPANS	2	6	34,025	106	348	198	652
86030FE	RAILROAD BRIDGE SUBSTRUCTURE STEEL TOWER 80 FT HIGH SINGLE TRACK FOR E45 32 FT TIMBER MAXIMUM COMBINED SPANS	2	7	34,794	122	409	221	752
86030FF	RAILROAD BRIDGE SUBSTRUCTURE STEEL TOWER 10 FT HIGH SINGLE TRACK FOR E45 80 FT OR E80 60 FT STEEL MAXIMUM COMBINED SPANS	1	2	7,857	33	95	69	197
86030FG	RAILROAD BRIDGE SUBSTRUCTURE STEEL TOWER 20 FT HIGH SINGLE TRACK FOR E45 80 FT OR E80 60 FT STEEL MAXIMUM COMBINED SPANS	16	16	19,401	47	150	83	280
86030FH	RAILROAD BRIDGE SUBSTRUCTURE STEEL TOWER 30 FT HIGH SINGLE TRACK FOR E45 80 FT OR E80 60 FT STEEL MAXIMUM COMBINED SPANS	20	20	29,987	56	178	106	340
86030FJ	RAILROAD BRIDGE SUBSTRUCTURE STEEL TOWER 40 FT HIGH SINGLE TRACK FOR E45 80 FT OR E80 60 FT STEEL MAXIMUM COMBINED SPANS	22	20	32,261	71	235	129	435
86030FK	RAILROAD BRIDGE SUBSTRUCTURE STEEL TOWER 50 FT HIGH SINGLE TRACK FOR E45 80 FT OR E80 60 FT STEEL MAXIMUM COMBINED SPANS	28	28	44,296	83	265	156	504
86030FL	RAILROAD BRIDGE SUBSTRUCTURE STEEL TOWER 60 FT HIGH SINGLE TRACK FOR E45 80 FT OR E80 60 FT STEEL MAXIMUM COMBINED SPANS	29	28	46,200	99	325	179	603
86030FM	RAILROAD BRIDGE SUBSTRUCTURE STEEL TOWER 70 FT HIGH SINGLE TRACK FOR E45 80 FT OR E80 60 FT STEEL MAXIMUM COMBINED SPANS	37	35	58,763	109	354	202	665
86030FN	RAILROAD BRIDGE SUBSTRUCTURE STEEL TOWER 80 FT HIGH SINGLE TRACK FOR E45 80 FT OR E80 60 FT STEEL MAXIMUM COMBINED SPANS	42	39	63,942	125	415	225	765

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
86030FP	RAILROAD BRIDGE SUBSTRUCTURE STEEL TOWER 10 FT HIGH SINGLE TRACK FOR E80 80 FT STEEL MAXIMUM COMBINED SPANS	13	16	16,953	32	95	69	196
86030FR	RAILROAD BRIDGE SUBSTRUCTURE STEEL TOWER 20 FT HIGH SINGLE TRACK FOR E80 80 FT STEEL MAXIMUM COMBINED SPANS	16	16	19,642	46	150	83	279
86030FT	RAILROAD BRIDGE SUBSTRUCTURE STEEL TOWER 30 FT HIGH SINGLE TRACK FOR E80 80 FT STEEL MAXIMUM COMBINED SPANS	21	20	30,224	55	178	106	339
86030FU	RAILROAD BRIDGE SUBSTRUCTURE STEEL TOWER 40 FT HIGH SINGLE TRACK FOR E80 80 FT STEEL MAXIMUM COMBINED SPANS	24	23	33,732	70	235	129	434
86030FV	RAILROAD BRIDGE SUBSTRUCTURE STEEL TOWER 50 FT HIGH SINGLE TRACK FOR E80 80 FT STEEL MAXIMUM COMBINED SPANS	29	27	44,618	82	265	156	503
86030FW	RAILROAD BRIDGE SUBSTRUCTURE STEEL TOWER 60 FT HIGH SINGLE TRACK FOR E80 80 FT STEEL MAXIMUM COMBINED SPANS	34	32	49,064	98	325	179	602
86030FY	RAILROAD BRIDGE SUBSTRUCTURE STEEL TOWER 70 FT HIGH SINGLE TRACK FOR E80 80 FT STEEL MAXIMUM COMBINED SPANS	36	35	58,817	108	354	202	664
86030GA	RAILROAD BRIDGE SUBSTRUCTURE STEEL TOWER 80 FT HIGH SINGLE TRACK FOR E80 80 FT STEEL MAXIMUM COMBINED SPANS	43	39	64,183	124	415	225	764
86030GB	RAILROAD BRIDGE SUBSTRUCTURE 2 CONCRETE FOOTINGS 11:-0:: X 28:-0:: 2500 PSF FOUNDATION SOIL CAPACITY FOR STEEL TOWERS SINGLE TRACK E45 32 FT TIMBER, E45 80 FT STEEL OR E80 80 FT STEEL MAXIMUM COMBINED SPANS	57	37	2,487	51	90	150	291

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FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
86030GC	RAILROAD BRIDGE SUBSTRUCTURE 6 CONCRETE FOOTINGS 11:-0:: X 11:-0:: 2500 PSF FOUNDATION SOIL CAPACITY FOR STEEL TOWERS SINGLE TRACK E45 32 FT TIMBER E45 80 FT STEEL OR E80 80 FT STEEL MAX COMBINED SPANS	66	44	2,300	58	108	173	339
86030GD	RAILROAD BRIDGE SUBSTRUCTURE 6 CONCRETE FOOTINGS 7:-0:: X 7:-0:: 5000 PSF FOUNDATION SOIL CAPACITY FOR STEEL TOWERS, SINGLE TRACK E45 32 FT TIMBER E45 80 FT STEEL OR E80 80 FT STEEL MAXIMUM COMBINED SPANS	27	19	1,007	35	75	69	179
86030GE	RAILROAD BRIDGE SUBSTRUCTURE 6 CONCRETE FOOTINGS 5:-0:: X 5:-0:: ON STEEL PILES FOR STEEL TOWERS SINGLE TRACK E45 32 FT TIMBER, E45 80 FT STEEL OR E80 80 FT STEEL MAXIMUM COMBINED SPANS	27	22	10,112	54	71	155	280
86030GF	RAILROAD BRIDGE SUBSTRUCTURE TIMBER GRILLAGE FOOTINGS 2500 PSF FOUNDATION SOIL CAPACITY FOR STEEL TOWERS SINGLE TRACK FOR E45 32 FT TIMBER, E45 80 FT STEEL OR E 80 80 FT STEEL MAXIMUM COMBINED SPANS	20	28	6,137	22	67	58	147
86030GG	RAILROAD BRIDGE SUBSTRUCTURE 6 TIMBER FOOTINGS 10:-0::X10:-0:: 2500 PSF FOUNDATION SOIL CAPACITY FOR STEEL TOWERS SINGLE TRACK FOR E45 32 FT TIMBER, E45 80 FT STEEL OR E80 80 FT STEEL MAXIMUM COMBINED SPANS	17	21	6,621	31	72	63	166
86030GH	RAILROAD BRIDGE SUBSTRUCTURE 6 TIMBER FOOTINGS 7:-0:: X 7:-0:: 5000 PSF FOUNDATION SOIL CAPACITY FOR STEEL TOWERS SINGLE TRACK FOR E45 32 FT TIMBER E45 80 FT STEEL OR E80 80 FT STEEL MAXIMUM COMBINED SPANS	11	13	4,649	31	71	58	160
86030GJ	RAILROAD BRIDGE SUPERSTRUCTURE WALKWAY 16 FT TIMBER STRINGER SPAN, SQUARE ENDS	1	1	142	1	25	18	44
86030GK	RAILROAD BRIDGE SUPERSTRUCTURE WALKWAY 16 FT TIMBER STRINGER SPAN 30 DEG SKEW ENDS	1	1	142	1	25	18	44
86030GL	RAILROAD BRIDGE SUPERSTRUCTURE WALKWAY 20 FT STEEL STRINGER SPAN SQUARE ENDS	2	3	1,536	5	30	18	53

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
86030GM	RAILROAD BRIDGE SUPERSTRUCTURE WALKWAY 20 FT STEEL STRINGER SPAN 30 DEG SKEW ENDS	2	3	1,533	5	30	18	53
86030GN	RAILROAD BRIDGE SUPERSTRUCTURE WALKWAY 30 FT STEEL STRINGER SPAN SQUARE ENDS	4	4	2,218	5	36	23	64
86030GP	RAILROAD BRIDGE SUPERSTRUCTURE WALKWAY 30 FT STEEL STRINGER SPAN 30 DEG SKEW ENDS	4	4	2,227	5	36	23	64
86030GR	RAILROAD BRIDGE SUPERSTRUCTURE WALKWAY 40 FT STEEL STRINGER SPAN SQUARE ENDS	5	5	2,993	6	44	28	78
86030GT	RAILROAD BRIDGE SUPERSTRUCTURE WALKWAY 40 FT STEEL STRINGER SPAN 30 DEG SKEW ENDS	5	5	2,989	6	44	28	78
86030GU	RAILROAD BRIDGE SUBSTRUCTURE TIMBER PLATFORMS FOR TIMBER PILE PIER FACILITIES 86030BM THRU BR AND FOR TIMBER TOWER FACILITIES 86030CN THRU CY	1	1	138		39	9	48
86030GV	RAILROAD BRIDGE SUBSTRUCTURE TIMBER PLATFORMS FOR TIMBER PILE PIER FACILITIES 86030BS THRU CA	1	1	155		44	9	53
86030GW	RAILROAD BRIDGE SUBSTRUCTURE TIMBER PLATFORMS FOR STEEL PILE PIER FACILITIES 86030CB THRU CG	1	1	172		44	9	53
86030GY	RAILROAD BRIDGE SUBSTRUCTURE TIMBER PLATFORMS FOR TIMBER TOWER FACILITIES 86030CH THRU CM	1	2	269		79	17	96
86030HA	RAILROAD BRIDGE SUBSTRUCTURE TIMBER PLATFORMS FOR STEEL TOWER FACILITIES 86030DT THRU EA	1	2	279		79	17	96
86030HB	RAILROAD BRIDGE SUBSTRUCTURE TIMBER PLATFORMS FOR STEEL TOWER FACILITIES 86030EB THRU EQ	1	2	725		41	9	50
86030TP	BOMB DAMAGE REPAIR TO A RAILROAD BRIDGE ONE 40 FT,FOUR-BEAM SPAN AND ONE 30 FT PIER	32	29	14,503	150	676	497	1,323

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FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
86040AA	RAILROAD COAL LOADING PLATFORM W/TIMBER FOOTINGS, SUBSTRUCTURE & DECK, 12 X 84	22	32	5,496	219	455	155	829
86091AA	RAILHEAD,BREAKBULK W/HARDSTAND 110FT X 110FT AND RAILROAD UNLOADING PLATFORM W/RAMPS. REQUIRES 32.3 CY LOCAL AGGREGATE AND 445.0 CY EARTH FILL.	108	78	4,328	316	106	267	689
86091AB	RAILHEAD,CONTAINER W/HARDSTAND 110FT X 110FT. REQUIRES 30.6 LOCAL AGGREGATE.	134	111	3,158	342		146	488
87190AB	CLEARING & GRUBBING, ONE ACRE				39		41	80
87190AC	GRADING & DRAINAGE, 1000 CU YD				368		437	805
87190AD	CLEARING & GRUBBING, ONE LINEAR MILE X 50 FT WIDE				23		23	46
87190AE	SITE PREPERATION FOR COMBAT SUPPORT HOSPITAL,MUST,STANDARD.	173	160	554,349	1,757		639	2,396
87190AG	SITE PREPERATION FOR EVACUATION HOSPITAL,STANDARD.	189	205	428,601	1,757		639	2,396
87210AA	CHAINLINK FENCE WITH TWO OUTRIGGERS, 1000 LINEAL FEET TYPE A 10 FEET HIGH	17	51	12,074	144		460	604
87210AB	BARBED WIRE FENCE WITH TWO OUTRIGGERS, 1000 LINEAL FEET, TYPE B, 10 FEET HIGH	6	8	1,673	403	690	690	1,783
87210AD	TRIPLE CONCERTINA BARBED TAPE OBSTACLE 1000 LINEAL FEET, TYPE D	117	70	1,962	32		129	161
87210AE	CHAINLINK FENCE WITH 18 INCH COIL BARBED TAPE AT TOP 1000 LINEAL FEET TYPE E 10 FEET HIGH	15	40	7,488	144		460	604
87210AF	PERSONNEL GATE CHAINLINK FENCE-10 FEET HIGH X 3 FEET WIDE SINGLE LEAF-TWO PANEL W/GATE	1	2	279	7		14	21
87210AG	VEHICLE GATE CHAINLINK FENCE-10 FEET HIGH BY 12 FOOT OPNG DOUBLE LEAF-TWO PANEL W/GATE	1	2	401	8		17	25

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
87210AH	PERSONNEL GATE-BARBED WIRE FENCE-SINGLE LEAF-3 FT X 7 FT OPENING IN	1	1	358	8	12	5	25
87210AJ	CORNER POST ASSEMBLY CHAINLINK FENCE 2 PANEL W/CORNER POST 10 FEET HIGH			109	12		9	21
87210AK	CORNER POST ASSEMBLY, BARBED WIRE FENCE 2 PANEL W/CORNER POST 10 FEET HIGH	1	1	127	10	16	16	42
87210AL	VEHICLE GATE CHAINLINK FENCE-10 FEET HIGH BY 32 FOOT OPNG DOUBLE LEAF-TWO PANEL W/GATE	1	2	401	8		17	25
87210AM	VEHICLE GATE, BARBED WIRE FENCE-10 FT HIGH BY 12 FOOT OPENING-SINGLE LEAF	2	2	1,023	8	12	14	34
87210AN	SECURITY FENCE, TYPE W, WARNING FENCE W/LIGHTING, 1000 FT UNIT	9	10	3,141	53	543	294	890
87210AP	SECURITY FENCE, TYPE X, PROTECTIVE FENCE W/O LIGHTING, 1000 FT UNIT	8	9	1,656	53	292	294	639
87210AR	SECURITY FENCE, TYPE Y, INTERIOR FENCE W/O LIGHTING, 1000 FT UNIT	7	8	1,404	55	255	258	568
87210AT	VEHICLE & MAN GATE FOR SECURITY FENCE	2	2	332	9	138	55	202
87210AU	SECURITY FENCE, TYPE X CONVERTED TO TYPE W, 1000 FT UNIT	1	1	1,498		248		248
87210AV	DOUBLE APRON FENCE,4&2 PACE,U-TYPE POSTS,100 YARDS,91.44 METERS,REFER TO FM 5-15	20	12	206		1	25	26
87210AW	FOUR-STRAND PROTECTIVE FENCE,U-TYPE POSTS,100 YARDS,91.44 METERS,REFER TO FM 5-15	1		81		1	9	10
87210AY	TRIPLE STANDARD CONCERTINA FENCE,U-TYPE POSTS,100 YARDS, 91.44 METERS,REFER TO FM 5-15	1	3	3,842		122	610	732

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FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
87220AA	GUARD TOWER, 11 X 11 PLATFORM SHELTERED, 14 FT HIGH	3	4	1,033	8	83	51	142
87220AC	GUARD TOWER, 16 X 24 PLATFORM W/8 X 8 SHELTER, 15 FT HIGH	6	10	1,601	31	94	49	174
87230AA	SENTRY BOX 4X4			122	109	460	230	799
89045B6	MECHANICAL EQUIPMENT - 106 TONS/1940 KBH	9	17	31,000	155	2,297	991	3,443
89045BJ	MECH.EQMT.-150 TONS/3000 KBH	13	4	85,000	138	2,209	974	3,321
89045BK	MECHANICAL EQUIPMENT - 205 TONS/1940 KBH	10	18	33,000	200	2,431	1,135	3,766
89050AA	ICE PLANT, 1 TON PER DAY, WOOD FRAME, 20 X 24, GROSS STORAGE 1260 CU FT, NET STORAGE 460 CU FT OR 5.4 TONS, W/SKID MOUNTED GASOLINE UNIT	21	43	10,200		817	184	1,001
89050AB	ICE PLANT, 3.6 TONS PER DAY, WOOD FRAME, 20 X 31, GROSS STORAGE 1260 CU FT NET STORAGE 490 CU FT OR 5 TONS, W/ELECTRIC DRIVEN UNIT	61	294	57,164	71	1,067	299	1,437
89050AC	ICE PLANT, 15 TONS PER DAY, WOOD FRAME BLDG W/METAL ROOF & CLADDING, 40 X 60, GROSS STORAGE 9200 CU FT, NET STORAGE 4130 CU FT OR 100 TON MAX	137	368	73,436		2,685	702	3,387
93101AA	TYPE IV,40 FT WIDE 80 FT LONG,20 FT CLDG HEIGHT,24 FT EAVE HEIGHT.6 IN CONC FLR.4 2-3FTX4FT FIXED WINDOWS.4 2-3FTX7FT PERS DOORS.1 12FTX12FT SINGLE SLIDE DOOR.2FT-6INX3IN LOUVER CONT RIDGE ROOF VENT,ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	9	161	39,918	207	2,070	1,035	3,312
93101AB	TYPE IV,40 FT WIDE 40 FT LONG,12 FT CLDG HEIGHT,14 FT EAVE HEIGHT.6IN CONC FLR.3 3FTX4FT FIXED WINDOWS.PRE-ENGINEERED METAL BLDG.	6	75	21,601	115	1,150	575	1,840
93101AC	TYPE IV,40 FT WIDE 60 FT LONG,20 FT CLDG HEIGHT,24 FT EAVE HEIGHT.6IN CONC FLR.2 3FTX4FT AND 1 2-3FTX4FT FIXED WINDOWS 3 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT,ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	7	113	28,293	150	1,495	748	2,393

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FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93101AD	TYPE IV,40 FT WIDE 80 FT LONG,12 FT CLDG HEIGHT,14 FT EAVE HEIGHT.6IN CONC FLR.1 6FTX4FT SLIDING WINDOW.1 2-3FTX7FT AND 2 3FTX7FT PERS DOORS.4 PAIRS AND 6 SINGLES 2FT-6INX3FT LOUVERS W/FILTER.CONT RIDGE ROOF VENT,ALL WALLS BATT R-6. PRE-ENGINEERED METAL BLDG.	8	161	32,431	161	1,610	805	2,576
93101AE	TYPE IV,40 FT WIDE 140 FT LONG,12 FT CLDG HEIGT,14 FT EAVE HEIGHT.6IN CONC FLR.3 6FTX4FT SLIDING WINDOWS.2 3FTX7FT AND 2 2-3FTX7FT PERS DOORS.10 PAIR AND 1 SINGLE 2FT-6INX3FT LOUVERS W/FILTER.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6. PRE-ENGINEERED METAL BLDG.	14	263	55,428	322	3,220	1,610	5,152
93101AF	TYPE II,40 FT WIDE 180 FT LONG,20 FT CLDG HEIGHT,24 FT EAVE HEIGHT.6IN CONC FLR.14 2-3FTX5FT COM PROJ WINDOWS.4 2-3FTX 7FT PERS DOORS.9 ROUND CONT RIDGE ROOF VENTS.PRE-ENGINEERED METAL BLDG.	16	355	63,663	368	3,680	1,840	5,888
93101AG	TYPE V,20 FT WIDE 180 FT LONG,15 FT CLDG HEIGHT,18 FT EAVE HEIGHT.2 12FTX14FT SINGLE SLIDE DOORS.CONT RIDGE ROOF VENT. PRE-ENGINEERED METAL BLDG.	9	170	36,213	242	2,415	1,208	3,865
93101AH	TYPE II,40 FT WIDE 100 FT LONG,15 FT CLDG HEIGHT,18 FT EAVE HEIGHT.6IN CONC FLOOR.6 2-3FTX5FT COM PROJ WINDOWS. 1 3FTX7FT AND 5 2-3FTX7FT PERS DOORS.2 2-6FTX12FT DBL SLIDE DOORS.CONT RIDGE ROOF VENT.PRE-ENGINEERED METAL BLDG.	9	180	36,670	299	2,990	1,610	4,899
93101AJ	TYPE II,40 FT WIDE 40 FT LONG,12 FT CLDG HEIGHT,16 FT EAVE HEIGHT.6IN CONC FLR.6 2-3FTX5FT COM PROJ WINDOWS.2 2-5FTX 10FT DBL SLIDE DOORS CONT RIDGE ROOF VENT PRE-ENGINEERED METAL BLDG.	4	75	15,783	127	1,265	633	2,025
93101AK	TYPE II,40 FT WIDE 60 FT LONG,12 FT CLDG HEIGHT,16 FT EAVE HEIGHT.6IN CONC FLR.6 2-3FTX5FT COM PROJ WINDOWS.2 2-5FTX10 FT DBL SLIDE DOORS.CONT RIDGE ROOF VENT.BATT R-6.PRE-ENGINEERED METAL BLDG.	6	113	22,228	138	1,380	690	2,208
93101AL	TYPE II,80 FT WIDE 240 FT LONG,12 FT CLDG HEIGHT,16 FT EAVE HEIGHT.6IN CONC FLR.23 2-3FTX5FT COM PROJ WINDOWS. 2 10FTX12FT SINGLE SLIDE AND 5 2-5FTX12FT DBL SLIDE DOORS. CONT RIDGE ROOF VENT.BATT R-6.PRE-ENGINEERED METAL BLDG.	41	875	164,728	1,231	12,305	5,980	19,516

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FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93101AN	TYPE III,80 FT WIDE 240 FT LONG,20 FT CLDG HEIGHT,24 FT EAVE HEIGHT,6IN CONC FLR.18 2-3FTX5FT COM PROJ WINDOWS. 4 2-3FTX7FT PERS DOORS.6 2-5FTX16FT DBL SLIDE AND 4 12FTX16FT SINGLE SLIDE DOORS.CONT RIDGE ROOF VENT.PRE-ENGINEERED METAL BLDG.	42	875	166,120	1,231	12,305	5,980	19,516
93101AN	TYPE II,40 FT WIDE 180 FT LONG,20 FT CLDG HEIGHT,24 FT EAVE HEIGHT.EARTH FLR.16 2-3FTX5FT COM PROJ WINDOWS.8 2-3FTX7FT PERS DOORS.2 14FTX16FT SINGLE SLIDE DOORS.CONT RIDGE ROOF VENT.PRE-ENGINEERED METAL BLDG.	18	355	74,033	460	4,600	2,300	7,360
93101AP	TYPE III,80 FT WIDE 160 FT LONG,20 FT CLDG HEIGHT,24 FT EAVE HEIGHT.EARTH FLR.14 2-3FTX5FT COM PROJ WINDOWS.7 2-3FT X7FT PERS DOORS.4 14FTX16FT SINGLE SLIDE DOORS.CONT RIDGE ROOF VENT.PRE-ENGINEERED METAL BLDG.	31	625	125,205	828	8,280	4,140	13,248
93101AR	TYPE VI,20 FT WIDE 160 FT LONG,15 FT CLDG HEIGHT,18 FT EAVE HEIGHT.4IN CONC FLR.2 2-7FTX14FT DBL SLIDE DOORS.16-ROUND ROOF VENT.PRE-ENGINEERED METAL BLDG.	13	160	52,805	207	2,070	1,035	3,312
93101AT	TYPE III,80 FT WIDE 240 FT LONG,20 FT CLDG HEIGHT,24 FT EAVE HEIGHT.EARTH FLR.22 2-3FTX5FT COM PROJ WINDOWS.12 2-3FTX7FT PERS DOORS.4 14FTX16FT SINGLE SLIDE DOORS.CONT RIDGE ROOF VENT.PRE-ENGINEERED METAL BLDG.	43	875	171,740	1,231	12,305	5,980	19,516
93101AU	TYPE VI,20 FT WIDE 240 FT LONG,15 FT CLDG HEIGHT,18 FT EAVE HEIGHT.CONC FLR.1 14FTX12FT SINGLE SLIDE DOOR.24-ROUND ROOF VENT.PRE-ENGINEERED METAL BLDG.	17	212	63,140	345	3,450	1,725	5,520
93101AV	TYPE II,80 FT WIDE 200 FT LONG,12 FT CLDG HEIGHT,16 FT EAVE HEIGHT.4IN CONC FLOOR.16 3FTX5FT COM PROJ WINDOWS.4 12FTX 10FT SINGLE SLIDE DOORS.2 24INX24IN AUTOMATIC AND 1 24INX 24IN LIGHT PROOF LOUVERS.CONTINIOUS RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	37	775	147,153	690	6,900	3,450	11,040
93101AW	TYPE IV,80 FT WIDE 100 FT LONG,12 FT CLDG HEIGHT,16 FT EAVE HEIGHT.4IN CONC FLR.16 3FTX5FT COM PROJ WINDOWS.1 2-3FTX7FT PERS DOOR.1 2-7FTX10FT DBL SLIDE AND 2-5FTX10FT DBL SLIDE DOORS.1-20INX20IN AUTOMATIC LOUVER.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	19	375	75,478	368	3,680	1,840	5,888

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FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93101AY	TYPE IV,40 FT WIDE 100 FT LONG,12 FT CLDG HEIGHT,16 FT EAVE HEIGHT.4IN CONC FLOOR.16 3FTX5FT COM PROJ WINDOWS. 2 3FTX7FT PERS DOORS.1 2-5FTX10FT DBL SLIDE DOOR.1-20INX20 IN AUTOMATIC LOUVER.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6 PRE-ENGINEERED METAL BLDG.	11	194	42,354	184	1,840	920	2,944
93101BA	TYPE II,40FT WIDE 300 FT LONG,20 FT CLDG HEIGHT,24 FT EAVE HEIGHT.EARTH FLOOR.30 2-3FTX5FT COM PROJ WINDOWS.8 2-3FTX 7FT PERS DOORS.2 2-6FTX16FT SWING TYPE DOORS.CONT RIDGE ROOF VENT.PRE-ENGINEERED METAL BLDG.	29	555	115,711	552	5,520	2,760	8,832
93101BB	TYPE V,20 FT WIDE 300 FT LONG,15 FT CLDG HEIGHT,18 FT EAVE HEIGHT.15-ROUND ROOF VENT. PRE-ENGINEERED METAL BLDG.	17	278	69,961	276	2,760	1,380	4,416
93101BC	TYPE V,20 FT WIDE 140 FT LONG,15 FT CLDG HEIGHT,18 FT EAVE HEIGHT.22-ROUND ROOF VENT.PRE-ENGINEERED METAL BLDG.	12	138	47,945	161	1,610	805	2,576
93101BD	TYPE II,40 FT WIDE 80 FT LONG,20 FT CLDG HEIGHT,24 FT EAVE HEIGHT.EARTH FLOOR.8 2-3FTX5FT COM PROJ WINDOWS.2 2-3FTX7FT PERS DOORS.4 2-6FTX16FT SWING TYPE DOORS.CONT RIDGE ROOF VENT.PRE-ENGINEERED METAL BLDG.	9	158	37,445	161	1,610	805	2,576
93101BE	TYPE V,20 FT WIDE 80 FT LONG,15 FT CLDG HEIGHT,18 FT EAVE HEIGHT.4-ROUND ROOF VENT.PRE-ENGINEERED METAL BLDG.	6	80	25,245	127	1,265	633	2,025
93101BF	TYPE II,40 FT WIDE 220 FT LONG,20 FT CLDG HEIGHT,24 FT EAVE HEIGHT.EARTH FLOOR.22 2-3FTX5FT COM PROJ WINDOWS.4 2-3FT X 7FT PERS DOORS.4 2-6FTX16FT SWING TYPE DOORS.CONT RIDGE ROOF VENT.PRE-ENGINEERED METAL BLDG.	22	415	87,419	518	5,175	2,645	8,338
93101BG	TYPE V,20 FT WIDE 100 FT LONG,15 FT CLDG HEIGHT,18 FT EAVE HEIGHT.4IN CONC FLOOR.5-ROUND ROOF VENT.PRE-ENGINEERED METAL BLDG.	9	95	36,169	127	1,265	633	2,025
93101BH	TYPE II,40 FT WIDE 120 FT LONG,20 FT CLDG HEIGHT,24 FT EAVE HEIGHT.4IN CONC FLOOR.15 2-3FTX5FT COM PROJ WINDOWS.2 3FT X 7FT PERS DOORS.4 2-7FTX16FT SWING TYPE DOORS.CONT RIDGE ROOF VENT.PRE-ENGINEERED METAL BLDG.	14	212	54,146	345	3,450	1,725	5,520

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93101BJ	TYPE IV,40 FT WIDE 100 FT LONG,14 FT CLDG HEIGHT,16 FT EAVE HEIGHT,4IN CONC FLOOR.24 3FTX4FT SINGLE WINDOWS.4 2-3FTX7FT DOORS.11-24INX24IN AUTOMATIC LOUVERS.CONT RIDGE ROOF VENT. ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	16	194	64,894	253	2,530	1,265	4,048
93101BK	TYPE I,20 FT WIDE 50 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.12 3FTX4FT SINGLE HG W/GDS WINDOWS. 2 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.PRE-ENGINEERED METAL BLDG.	3	50	10,546	69	690	345	1,104
93101BL	TYPE I,20 FT WIDE 100 FT LONG,8 FT CLDG HEIGHTS,10 FT EAVE HEIGHT.4IN CONC FLOOR.18 3FTX4FT SINGLE HG W/GDS WINDOWS. 2 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.PRE-ENGINEERED METAL BLDG.	5	95	19,318	127	1,265	633	2,025
93101BM	TYPE I,40 FT WIDE 100 FT LONG,12 FT CLDG HEIGHT,16 FT EAVE HEIGHT.6IN CONC FLOOR.6 3FTX4FT SINGLE HG W/GDS WINDOWS. 4 6FTX10FT SINGLE SLIDE DOORS.CONT RIDGE ROOF VENT.PRE-ENGINEERED METAL BLDG.	9	194	34,428	253	2,530	1,265	4,048
93101BN	TYPE II,80 FT WIDE 220 FT LONG,12 FT CLDG HEIGHT,16 FT EAVE HEIGHT.6IN CONC FLOOR.22 3FTX4FT SINGLE HG W/GDS WINDOWS. 6 6FTX10FT SINGLE SLIDE DOORS.CONT RIDGE ROOF VENT.PRE-ENGINEERED METAL BLDG.	35	198	138,983	115	1,150	575	1,840
93101BP	TYPE I,20 FT WIDE 20 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.2 3FTX4FT SINGLE HG W/GDS WINDOWS. 1 2-3FTX7FT DOOR.CONT RIDGE ROOF VENT.PRE-ENGINEERED METAL BLDG.	1	5	4,215	23	230	115	368
93101BR	TYPE I,20 FT WIDE 30 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.2 3FTX4FT SINGLE HG W/GDS WINDOWS. 1 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.PRE-ENGINEERED METAL BLDG.	1	7	5,816	35	345	173	553
93101BT	TYPE I,30 FT WIDE 70 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.10 3FTX4FT SINGLE HG W/GDS WINDOWS. 6 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	6	24	23,456	138	1,380	690	2,208

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DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93101BU	TYPE I,30 FT WIDE 90 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.17 3FTX4FT SINGLE HG W/GDS WINDOWS. 4 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	7	30	28,596	173	1,725	863	2,761
93101BV	TYPE I,30 FT WIDE 100 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.18 3FTX4FT SINGLE W/GDS WINDOWS. 4 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	8	34	31,353	184	1,840	920	2,944
93101BW	TYPE I,30 FT WIDE 110 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.22 3FTX4FT SINGLE HG W/GDS WINDOWS. 4 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	8	37	34,491	207	2,070	1,035	3,312
93101BY	TYPE I,30 FT WIDE 90 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.15 3FTX4FT SINGLE HG W/GDS WINDOWS. 4 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	7	30	28,341	173	1,725	863	2,761
93101CA	TYPE I,30 FT WIDE 110FTLONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.19 3-3FTX4FT SINGLE HG W/GDS WINDOWS. 4 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	10	37	38,954	207	2,070	1,035	3,312
93101CB	TYPE I,30 FT WIDE 40 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.7 3FTX4FT SINGLE HG W/GDS WINDOWS. 3 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	3	14	13,673	81	805	403	1,289
93101CC	TYPE I,30 FT WIDE 50 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.9 3FTX4FT SINGLE HG W/GDS WINDOWS. 3 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	4	17	16,556	92	920	460	1,472
93101CD	TYPE IV,40 FT WIDE 90 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.8 3FTX4FT SINGLE HG AND 9 3FTX4FT SINGLE HG W/GDS WINDOWS.4 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	8	41	35,304	230	2,300	1,150	3,680

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DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93101CE	TYPE IV,40 FT WIDE 110 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.10 3FTX4FT SINGLE HG AND 12 3FTX4FT SINGLE HG W/GDS WINDOWS.4 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	11	50	42,634	276	2,760	1,380	4,416
93101CF	TYPE IV,40 FT WIDE 120 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.10 3FTX4FT SINGLE HG AND 13 3FTX4FT SINGLE HG W/GDS WINDOWS.4 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	11	54	46,108	311	3,105	1,553	4,969
93101CG	TYPE IV,30 FT WIDE 90 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.7 3FTX4FT SINGLE HG AND 9 3FTX4FT SINGLE HG W/GDS WINDOWS.4 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	7	30	28,475	173	1,725	863	2,761
93101CH	TYPE IV,30 FT WIDE 100 FT LONG,8FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.21 3FTX4FT SINGLE HG WINDOWS.3 2-3FT X7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6. PRE-ENGINEERED METAL BLDG.	8	34	31,230	184	1,840	920	2,944
93101CJ	TYPE IV,40 FT WIDE 260 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.33 3FTX4FT SINGLE HG AND 13 3FTX4FT SINGLE HG W/GDS WINDOWS.7 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	20	117	93,923	667	6,670	3,335	10,672
93101CK	TYPE IV,30 FT WIDE 70 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.8 3FTX4FT SINGLE HG AND 2 3FTX4FT SINGLE HG W/GDS WINDOWS.3 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	6	24	21,941	138	1,380	690	2,208
93101CL	TYPE IV,30 FT WIDE 60 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.6 3FTX4FT SINGLE HG AND 3 3FTX4FT SINGLE HG W/GDS WINDOWS.3 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	5	20	19,185	115	1,150	575	1,840
93101CM	TYPE IV,40 FT WIDE 90 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.20 3FTX4FT SINGLE HG WINDOWS.3 2-3FTX 7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6. PRE-ENGINEERED METAL BLDG.	9	41	35,181	230	2,300	1,150	3,680

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93101CN	TYPE IV,30 FT WIDE 80 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT,4IN CONC FLOOR,17 3FTX4FT SINGLE HG WINDOWS,3 2-3FTX 7FT PERS DOORS,CONT RIDGE ROOF VENT,ALL WALLS BATT R-6. PRE-ENGINEERED METAL BLDG.	7	27	25,344	161	1,610	805	2,576
93101CP	TYPE IV,40 FT WIDE 150 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT,4IN CONC FLOOR,28 3FTX4FT SINGLE HG WINDOWS,2 2-3FTX 7FT PERS DOORS,CONT RIDGE ROOF VENT,ALL WALLS BATT R-6. PRE-ENGINEERED METAL BLDG.	14	68	55,774	391	3,910	1,955	6,256
93101CR	TYPE IV,40 FT WIDE 110 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT,4IN CONC FLOOR,21 3FTX4FT SINGLE HG WINDOWS. 2 2-3FTX7FT PERS DOORS,4-24INX24IN AUTOMATIC LOUVERS,CONT RIDGE ROOF VENT,ALL WALLS BATT R-6,PRE-ENGINEERED METAL BLDG.	11	50	41,874	276	2,760	1,380	4,416
93101CT	TYPE IV,40 FT WIDE 100 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT,4IN CONC FLOOR,18 3FTX4FT SINGLE HG WINDOWS,3 2-3FTX 7FT PERS DOORS,2-24INX24IN AUTOMATIC LOUVERS,CONT RIDGE ROOF VENT,ALL WALLS BATT R-6,PRE-ENGINEERED METAL BLDG.	10	45	38,461	265	2,645	1,323	4,233
93101CU	TYPE IV,40 FT WIDE 120 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT,4IN CONC FLOOR,19 3FTX4FT SINGLE HG WINDOWS,3 2-3FTX 7FT PERS DOORS,2-12INX12IN AUTOMATIC LOUVERS,CONT RIDGE ROOF VENT,ALL WALLS BATT R-6,PRE-ENGINEERED METAL BLDG.	12	54	45,140	311	3,105	1,553	4,969
93101CV	TYPE IV,40 FT WIDE 100 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT,4IN CONC FLOOR,17 3FTX4FT SINGLE HG WINDOWS,3 2-3FT X7FT PERS DOORS,2-12INX12IN AUTOMATIC LOUVERS,CONT RIDGE ROOF VENT,ALL WALLS BATT R-6,PRE-ENGINEERED METAL BLDG.	9	45	38,193	276	2,760	1,380	4,416
93101CW	TYPE IV,30 FT WIDE 100 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT,4IN CONC FLOOR,19 3FTX4FT SINGLE HG WINDOWS,3 2-3FTX 7FT PERS DOORS,CONT RIDGE ROOF VENT,ALL WALLS BATT R-6. PRE-ENGINEERED METAL BLDG.	8	34	31,035	196	1,955	978	3,129
93101CY	TYPE IV,30 FT WIDE 100 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT,4IN CONC FLOOR,19 3FTX4FT SINGLE HG WINDOWS,3 2-3FTX 7FT PERS DOORS,CONT RIDGE ROOF VENT,ALL WALLS BATT R-6. PRE-ENGINEERED METAL BLDG.	8	34	31,035	196	1,955	978	3,129

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DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93101DA	TYPE IV,30 FT WIDE 60 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.9 3FTX4FT SINGLE HG WINDOWS. 4 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	4	20	16,301	115	1,150	575	1,840
93101DB	TYPE IV,30 FT WIDE 50 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.7 3FTX4FT SINGLE HG WINDOWS. 3 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	4	17	13,923	92	920	460	1,472
93101DC	TYPE IV,30 FT WIDE 40 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.5 3FTX4FT SINGLE HG WINDOWS.4 2-3FTX 7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6. PRE-ENGINEERED METAL BLDG.	8	14	31,788	81	805	403	1,289
93101DD	TYPE IV,40 FT WIDE 80 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.16 3FTX4FT SINGLE HG AND 2 3FTX4FT FIXED WINDOWS. 3 2-3FTX7FT PERS DOORS.2-24INX24 LIGHTPRF LOUVERS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	8	36	35,258	207	2,070	1,035	3,312
93101DE	TYPE IV,40 FT WIDE 90 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.20 3FTX4FX SINGLE HG WINDOWS. 3 2-3FTX7FT PERS DOORS.2-24INX24IN LIGHTPRF LOUVERS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	8	41	35,258	230	2,300	1,150	3,680
93101DF	TYPE IV;40 FT WIDE 90 FT LONG;8 FT CLDG HEIGHT; 10 FT EAVE HEIGHT.4IN CONC FLOOR.16 3FTX4FT SINGLE HG WINDOWS. 3 2-3FTX7FT PERS DOORS.1-24INX24IN LIGHTPRF LOUVER.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	8	41	34,704	230	2,300	1,150	3,680
93101DG	TYPE IV,40 FT WIDE 110 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.21 3FTX4FT SINGLE HG WINDOWS. 4 2-3FTX7FT PERS DOORS.2-24INX24IN LIGHTPRF LOUVERS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	11	50	42,775	276	2,760	1,380	4,416

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93101DH	TYPE IV,30 FT WIDE 130 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.26 3FTX4FT SINGLE HG WINDOWS. 4 2-3FTX7FT PERS DOORS.1-24INX24IN LIGHTPROOF LOUVER.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	11	44	40,304	253	2,530	1,265	4,048
93101DJ	TYPE IV,30 FT WIDE 90 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.19 3FTX4FT SINGLE HG WINDOWS. 4 2-3FTX7FT PERS DOORS.1-24INX24IN LIGHTPRF LOUVER.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	8	30	28,896	173	1,725	863	2,761
93101DK	TYPE IV,30 FT WIDE 40 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.13 3FTX4FT SINGLE HG (OBSCURE GLASS IN TOILETS)WINDOWS.2 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	4	14	13,933	81	805	403	1,289
93101DL	TYPE IV,30 FT WIDE 60 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.11 3FTX4FT SINGLE HG WINDOWS. 4 2-3FTX7FT PERS DOORS.1-24INX24IN LIGHTPRF LOUVER.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	5	20	19,990	115	1,150	575	1,840
93101DM	TYPE IV,30 FT WIDE 80 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.13 3FTX4FT SINGLE HG WINDOWS. 6 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	7	27	26,600	161	1,610	805	2,576
93101DN	TYPE IV,30 FT WIDE 40 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.15 3FTX4FT SINGLE HG WINDOWS. 6 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	7	14	29,351	173	1,725	863	2,761
93101DP	TYPE IV,30 FT WIDE 70 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.11 3FTX4FT SINGLE HG WINDOWS. 5 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	6	24	23,079	138	1,380	690	2,208

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DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93101DR	TYPE VI,20 FT WIDE 60 FT LONG,8 FT(LOW PT)CLDG HEIGHT,10 FT (LOW SIDE)EAVE HEIGHT.4IN CONC FLOOR.12 3FTX4FT SINGLE HG AND 1 3FTX4FT SINGLE HG W/GDS WINDOWS.2 2-3FTX7FT PERS DOORS.1-24INX24IN LIGHTPRF LOUVER.3-ROUND ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	1	14	13,764	81	805	403	1,289
93101DT	TYPE VI,80 FT WIDE 80 FT LONG,8 FT(LOW PT)CLDG HEIGHT,10 FT (LOW SIDE)EAVE HEIGHT.4IN CONC FLOOR.15 3FTX4FT SINGLE HG AND 2 3FTX4FT SINGLE HG W/GDS WINDOWS.2 2-3FTX7FT PERS DOORS.3-ROUND ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	5	18	18,108	104	1,035	518	1,657
93101DU	TYPE VI,20 FT WIDE 70 FT LONG,8 FT(LOW PT)CLDG HEIGHT,10 FT (LOW SIDE)EAVE HEIGHT.4IN CONC FLOOR.15 3FTX4FT SINGLE HG AND 1 3FTX4FT SINGLE HG W/GDS WINDOWS.2 2-3FTX7FT PERS DOORS.3-ROUND ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	4	16	16,024	92	920	460	1,472
93101DV	TYPE VI,20 FT WIDE 100 FT LONG,8 FT(LOW PT)CLDG HEIGHT, 10 FT(LOW SIDE)EAVE HEIGHT.4IN CONC FLOOR.19 3FTX4FT SINGLE HG AND 1 3FTX4FT SINGLE HG W/GDS WINDOWS.2 2-3FTX7FT PERS DOORS.1-24INX24IN LIGHTPRF LOUVER.5-ROUND ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	6	23	21,571	127	1,265	633	2,025
93101DW	TYPE IV,40 FT WIDE 110 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.2IN CONC FLOOR.21 3FTX4FT SINGLE HG W/GDS WINDOWS. 3 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	11	50	42,301	276	2,760	1,380	4,416
93101DY	TYPE IV,30 FT WIDE 80 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.17 3FTX4FT SINGLE HG WINDOWS. 4 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	7	27	27,344	161	1,610	805	2,576
93101EA	TYPE IV,30 FT WIDE 90 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.19 3FTX4FT SINGLE HG WINDOWS. 4 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	8	30	28,841	173	1,725	863	2,761

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93101EB	TYPE IV,30 FT WIDE 110 FT WIDE,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT,4IN CONC FLOOR,22 3FTX4FT SINGE HG WINDOWS. 4 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	8	37	34,491	207	2,070	1,035	3,312
93101EC	TYPE IV,30 FT WIDE 110 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.17 3FTX4FT SINGLE HG AND 5 3FTX4FT SINGLE HG W/GDS WINDOWS.3 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	8	37	33,986	207	2,070	1,035	3,312
93101ED	TYPE VI,20 FT WIDE 30 FT LONG,8 FT(LOW PT)CLDG HEIGHT,10 FT (LOW SIDE)EAVE HEIGHT.4IN CONC FLOOR.6 3FTX4FT SINGLE HG WINDOWS.2 2-3FTX7FT PERS DOORS.2-ROUND ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	2	7	7,783	35	345	173	553
93101EE	TYPE VI,20 FT WIDE 50 FT LONG,8 FT(LOW PT)CLDG HEIGHT,10 FT (LOW SIDE)EAVE HEIGHT.4IN CONC FLOOR.10 3FTX4FT SINGLE HG WINDOWS.2 2-3FTX7FT PERS DOORS.2-ROUND ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	3	11	11,663	69	690	345	1,104
93101EF	TYPE II,40 FT WIDE 100 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.24 3FTX4FT SINGLE HG WINDOWS. 4 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	11	45	42,343	265	2,645	1,323	4,233
93101EG	TYPE VI,20 FT WIDE 40 FT LONG,8 FT(LOW PT)CLDG HEIGHT,10 FT (LOW SIDE)EAVE HEIGHT.4IN CONC FLOOR.8 3FTX4FT SINGLE HG WINDOWS.2 2-3FTX7FT PERS DOORS.3-ROUND ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	3	9	10,175	46	460	230	736
93101EH	TYPE VI,20 FT WIDE 100 FT LONG,8 FT(LOW PT)CLDG HEIGHT,10 FT(LOW SIDE)EAVE HEIGHT.4IN CONC FLOOR.19 3FTX4FT SINGLE HG WINDOWS.4 2-3FTX7FT PERS DOORS.5-ROUND ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	6	23	24,055	127	1,265	633	2,025
93101EJ	TYPE IV,30 FT WIDE 60 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.11 3FTX4FT SINGLE HG WINDOWS. 3 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	5	20	19,440	115	1,150	575	1,840

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DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	SEMI	TOT
93101EK	TYPE IV,30 FT WIDE 100 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.19 3FTX4FT SINGLE HG WINDOWS. 3 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	8	34	30,975	184	1,840	920	2,944
93101EL	TYPE III,80 FT WIDE 180 FT LONG,10FT CLDG HEIGHT,14 FT EAVE HEIGHT.4IN CONC FLOOR.35 3FFX5FT COM PROJ WINDOWS. 9 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	31	162	124,039	920	9,200	4,600	14,720
93101EM	TYPE II,20 FT WIDE 40 FT LONG,10 FT CLDG HEIGHT,14 FT EAVE HEIGHT.4 3FTX4FT COM PROJ WINDOWS.PRE-ENGINEERED METAL BLDG	2	9	9,284	46	460	230	736
93101EN	TYPE III,120 FT WIDE 80 FT LONG,10 FT CLDG HEIGHT,14 FT EAVE HEIGHT.4IN CONC FLOOR.29 3FTX5FT COM PROJ WINDOWS. 7 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	21	108	85,890	621	6,210	3,105	9,936
93101EP	TYPE II,20 FT WIDE 20 FT LONG,10 FT CLDG HEIGHT,14 FT EAVE HEIGHT.4 3FTX4FT COM PROJ WINDOWS.PRE-ENGINEERED METAL BLDG	1	5	5,099	23	230	115	368
93101ER	TYPE II,80 FT WIDE 100 FT LONG,10 FT CLDG HEIGHT,14 FT EAVE HEIGHT.4IN CONC FLOOR.26 3FTX5FT COM PROJ WINDOWS. 7 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	18	90	70,132	529	5,290	2,645	8,464
93101ET	TYPE II,20 FT WIDE 20 FT LONG,10 FT CLDG HEIGHT,14 FT EAVE HEIGHT.2 3FTX4FT COM PROJ WINDOWS.PRE-ENGINEERED METAL BLDG	1	5	4,964	23	230	115	368
93101EU	TYPE II,40 FT WIDE 100 FT LONG,10 FT CLDG HEIGHT,14 FT EAVE HEIGHT.4IN CONC FLOOR.23 3FTX5FT COM PROJ WINDOWS. 4 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	11	45	41,416	253	2,530	1,265	4,048
93101EV	TYPE II,42 FT WIDE 100 FT WIDE,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.15 2-3FTX4FT SINGLE HG AND 2 3FTX4FT SINGLE HG WINDOWS.4 2-3FTX7FT AND 2 3FTX7FT PERS DOORS. 34 3FTX3FT FIXED (UNDER EACH WINDOW)LOUVERS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-10.PRE-ENGINEERED METAL BLDG./TROPIC METAL BLDG 00004200SF	9	47	36,765	265	2,645	1,323	4,233

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93101EW	TYPE II,42 FT WIDE 100 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT,4IN CONC FLOOR,15 2-3FTX4FT SINGLE HG AND 2 3FTX4FT SINGLE HG WINDOWS,4 2-3FTX7FT AND 2 3FTX7FT PERS DOORS,CONT RIDGE ROOF VENT,ALL WALLS BATT R-6,PRE-ENGINEERED METAL BLDG.	11	47	42,553	265	2,645	1,323	4,233
93101EY	TYPE II,42 FT WIDE 60 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT,4IN CONC FLOOR,4 2-3FTX4FT SINGLE HG AND 2 3FTX4FT SINGLE HG WINDOWS,2 3FTX7FT AND 2 2-2FT6INX7FT PERS DOORS, 10 3FTX3FT FIXED(UNDER EACH WINDOW)LOUVERS,CONT RIDGE ROOF VENT,ALL WALLS BATT R-10,TROPIC ZONE,PRE-ENGINEERED METAL BLDG.	7	28	27,029	161	1,610	805	2,576
93101FA	TYPE II,42 FT WIDE 60 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT,4IN CONC FLOOR,4 2-3FTX4FT SINGLE HG AND 2 3FTX4FT SINGLE HG WINDOWS,2 3FTX7FT AND 2 2-3FTX7FT PERS DOORS,CONT RIDGE ROOF VENT,ALL WALLS BATT R-6,PRE-ENGINEERED METAL BLDG.	6	28	26,028	161	1,610	805	2,576
93101FB	TYPE II,42 FT WIDE 140 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT,4IN CONC FLOOR,22 2-3FTX4FT SINGLE HG AND 1 3FTX4FT SINGLE HG WINDOWS,2 3FTX7FT AND 4 2-3FTX7FT PERS DOORS, 45 3FTX3FT FIXED(UNDER EACH WINDOW)LOUVERS,CONT RIDGE ROOF VENT,ALL WALLS BATT R-10,TROPIC ZONE,PRE-ENGINEERED METAL BLDG.	16	66	62,175	368	3,680	1,840	5,888
93101FC	TYPE II,42 FT WIDE 140 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT,4IN CONC FLOOR,22 2-3FTX4FT SINGLE HG AND 1 3FTX4FT SINGLE HG WINDOWS,2 3FTX7FT AND 4 2-3FTX7FT PERS DOORS,CONT RIDGE ROOF VENT,ALL WALLS BATT R-6,PRE-ENGINEERED METAL BLDG.	14	66	57,669	368	3,680	1,840	5,888
93101FD	TYPE II,42 FT WIDE 80 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT,4IN CONC FLOOR,7 2-3FTX4FT SINGLE HG AND 1 3FTX4FT SINGLE HG WINDOWS,2 3FTX7FT AND 2 2-3FTX7FT PERS DOORS, 15 3FTX3FT FIXED(UNDER EACH WINDOW)LOUVERS,CONT RIDGE ROOF VENT,ALL WALLS BATT R-10,TROPIC ZONE,PRE-ENGINEERED METAL BLDG.	8	38	33,898	207	2,070	1,035	3,312

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FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93101FE	TYPE II,42 FT WIDE 80 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.7 2-3FTX4FT SINGLE HG AND 1 3FTX4FT SINGL HG WINDOWS.2 3FTX7FT AND 2 3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLD	8	38	31,890	207	2,070	1,035	3,312
93101FF	TYPE VI,20 FT WIDE 20 FT LONG,8 FT(LOW PT)CLDG HEIGHT,10 FT (LOW SIDE)EAVE HEIGHT.2IN CONC FLOOR. 4 3FTX4FT COM PROJ WINDOWS.1 2-3FTX7FT PERS DOORS.1 ROUND ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	1	5	5,088	23	230	115	368
93101FG	TYPE VI,20 FT WIDE 10 FT LONG,8 FT(LOW PT)CLDG HEIGHT,10 FT (LOW SIDE)EAVE HEIGHT.2IN CONC FLOOR. 4 3FTX4FT COM PROJ WINDOWS.1 2-3FTX7FT PERS DOORS.1 ROUND ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	1	2	3,409	12	115	58	185
93101FH	TYPE VI,20 FT WIDE 10 FT LONG,8 FT(LOW PT)CLDG HEIGHT,10 FT (LOW SIDE)EAVE HEIGHT.2IN CONC FLOOR. 4 3FTX4FT COM PROJ WINDOWS.1 2-3FTX7FT PERS DOORS.1 ROUND ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	1	2	3,409	12	115	58	185
93101FJ	TYPE VI,20 FT WIDE 10 FT LONG,8 FT(LOW PT)CLDG HEIGHT,10 FT (LOW SIDE)EAVE HEIGHT.2IN CONC FLOOR. 4 3FTX4FT COM PROJ WINDOWS.1 2-3FTX7FT PERS DOORS.1 ROUND ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	1	2	3,409	12	115	58	185
93101FK	TYPE VI,10 FT WIDE 20 FT LONG,8 FT(LOW PT)CLDG HEIGHT,10 FT (LOW SIDE)EAVE HEIGHT.2IN CONC FLOOR.4 3FTX4FT COM PROJ WINDOWS.1 2-3FTX7FT PERS DOORS.1 ROUND ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	1	2	3,409	12	115	58	185
93101FL	TYPE VI,10 FT WIDE 20 FT LONG,8 FT(LOW PT)CLDG HEIGHT,10 FT (LOW SIDE)EAVE HEIGHT.2IN CONC FLOOR.4 3FTX4FT COM PROJ WINDOWS.1 2-3FTX7FT PERS DOORS.1 ROUND ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	1	2	3,409	12	115	58	185
93101FM	TYPE VI,20 FT WIDE 20 FT LONG,8 FT(LOW PT)CLDG HEIGHT,10 FT (LOW SIDE)EAVE HEIGHT.2IN CONC FLOOR.5 3FTX4FT COM PROJ WINDOWS.1 2-3FTX7FT PERS DOORS.1 ROUND ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	1	5	5,215	23	230	115	368

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FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93101FN	TYPE VI,20 FT WIDE 30 FT LONG,8 FT(LOW PT)CLDG HEIGHT,10 FT (LOW SIDE)EAVE HEIGHT.2IN CONC FLOOR.6 3FTX4FT COM PROJ WINDOWS.2 2-3FTX7FT PERS DOORS.1 ROUND ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	2	7	7,526	35	345	173	553
93101FP	TYPE VI,20 FT WIDE 50 FT LONG,8 FT(LOW PT)CLDG HEIGHT,10 FT (LOW SIDE)EAVE HEIGHT.2IN CONC FLOOR.10 3FTX4FT COM PROJ WINDOWS.2 2-3FTX7FT PERS DOORS.1 ROUND ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	1	11	5,215	69	690	345	1,104
93101FR	TYPE VI,20 FT WIDE 30 FT LONG,8 FT(LOW PT)CLDG HEIGHT,10 FT (LOW SIDE)EAVE HEIGHT.2IN CONC FLOOR.7 3FTX4FT COM PROJ WINDOWS.1 2-3FTX7FT PERS DOORS.1 ROUND ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	1	7	5,975	35	345	173	553
93101FU	TYPE VI,20 FT WIDE 50 FT LONG,8 FT(LOW PT)CLDG HEIGHT,10 FT (LOW SIDE)EAVE HEIGHT.2IN CONC FLOOR.10 3FTX4FT COM PROJ WINDOWS.2 2-3FTX7FT PERS DOORS.1 ROUND ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	3	11	9,873	69	690	345	1,104
93101FV	TYPE VI,20 FT WIDE 80 FT LONG,8 FT(LOW PT)CLDG HEIGHT,10 FT (LOW SIDE)EAVE HEIGHT.2IN CONC FLOOR.16 3FTX4FT COM PROJ WINDOWS.1 2-3FTX7FT PERS DOORS.1 ROUND ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	4	18	14,450	104	1,035	518	1,657
93101FY	TYPE VI,20FT WIDE 30 FT LONG,8FT(LOW PT)CLDG HEIGHT.10FT (LOW SIDE)EAVE HEIGHT.2IN CONC FLOOR.5 3FTX4FT COM PROJ WINDOWS.1 2-3FTX7FT PERS DOORS.1 ROUND ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	2	7	6,894	35	345	173	553
93101GA	TYPE VI,20 FT WIDE 40 FT LONG,8 FT(LOW PT)CLDG HEIGHT,10 FT (LOW SIDE)EAVE HEIGHT.2IN CONC FLOOR.8 3FTX4FT COM PROJ WINDOWS.2 2-3FTX7FT PERS DOORS.1 ROUND ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	3	9	9,913	46	460	230	736
93101GB	TYPE VI,20 FT WIDE 60 FT LONG,8 FT(LOW PT)CLDG HEIGHT,10 FT (LOW SIDE)EAVE HEIGHT.2IN CONC FLOOR.10 3FTX4FT COM PROJ WINDOWS.2 2-3FTX7FT PERS DOORS.1 ROUND ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	3	14	13,226	81	805	403	1,289

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FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
931016C	TYPE VI,20 FT WIDE 50 FT LONG,8 FT(LOW PT)CLDG HEIGHT,10 FT (LOW SIDE)EAVE HEIGHT.2IN CONC FLOOR.10 3FTX4FT COM PROJ WINDOWS.2 2-3FTX7FT PERS DOORS.1 ROUND ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	3	11	11,620	69	690	345	1,104
931016D	TYPE VI,20 FT WIDE 80 FT LONG,8 FT(LOW PT)CLDG HEIGHT,10 FT (LOW SIDE)EAVE HEIGHT.2IN CONC FLOOR.12 3FTX4FT COM PROJ WINDOWS.2 2-3FTX7FT PERS DOORS.1 ROUND ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	4	18	17,365	104	1,035	518	1,657
931016E	TYPE VI,20 FT WIDE 50 FT LONG,8 FT(LOW PT)CLDG HEIGHT,10 FT (LOW SIDE)EAVE HEIGHT.2IN CONC FLOOR.10 3FTX4FT COM PROJ WINDOWS.1 2-3FTX7FT PERS DOORS.1 ROUND ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	3	11	11,115	69	690	345	1,104
931016F	TYPE VI,20 FT WIDE 100FT LONG,8 FT(LOW PT)CLDG HEIGHT,10 FT (LOW SIDE)EAVE HEIGHT.2IN CONC FLOOR.14 3FTX4FT COM PROJ WINDOWS.2 2-3FTX7FT PERS DOORS.1 ROUND ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	5	225	21,204	138	1,380	690	2,208
931016G	TYPE IV,30 FT WIDE 60 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.5 3FTX4FT COM PROJ WINDOWS. 2 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	5	20	18,170	115	1,150	575	1,840
931016H	TYPE IV,30 FT WIDE 100FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.5 3FTX4FT COM PROJ WINDOWS. 2 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	7	34	28,685	196	1,955	978	3,129
931016J	TYPE IV,30 FT WIDE 60 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.12 3FTX4FT COM PROJ WINDOWS. 3 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	5	20	18,818	115	1,150	575	1,840
931016K	TYPE IV,30 FT WIDE 100FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.20 3FTX4FT COM PROJ WINDOWS. 3 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	8	34	31,103	196	1,955	978	3,129

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93101GL	TYPE I,20 FT WIDE 40 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.2IN CONC FLOOR.7 3FTX4FT COM PROJ WINDOWS. 1 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	3	9	9,543	46	460	230	736
93101GM	TYPE I,20 FT WIDE 60 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.2IN CONC FLOOR.7 3FTX4FT SINGLE HG AND 4 3FTX4FT SNG HG W/GDS WINDOWS.2 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VEN PRE-ENGINEERED METAL BLDG.	4	14	14,033	69	690	345	1,104
93101GN	TYPE IV,40 FT WIDE 80 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.2IN CONC FLOOR.15 3FTX4FT COM PROJ WINDOWS. 1 2-3FTX7FT AND 3 3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT. ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	8	36	30,945	207	2,070	1,035	3,312
93101GP	TYPE IV,30 FT WIDE 60 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT,2IN CONC FLOOR.8 3FTX4FT COM PROJ WINDOWS. 1 2-3FTX7FT AND 5 3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT. ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	5	20	19,310	115	1,150	575	1,840
93101GR	TYPE I,20 FT WIDE 30 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.2IN CONC FLOOR.6 3FTX4FT COM PROJ WINDOWS.1 2-3FT X 7FT AND 1 3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	2	7	7,756	35	345	173	553
93101GT	TYPE I,20 FT WIDE 50 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.2IN CONC FLOOR. 3FTX4FT COM PROJ WINDOWS.1 2-3FT X 7FT AND 1 3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	3	11	12,089	58	575	288	921
93101GU	TYPE IV,40FT WIDE 100FT LONG,8 FT CLDG HEIGHT,12 FT EAVE HEIGHT.4IN CONC FLOOR.20 3FTX4FT COM PROJ WINDOWS 3 2-3FT X 7FT AND 1 3FTX7FT PERS DOORS.2 24INX24IN AUTOMATIC LOUVERS. CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED META BLDG.	10	45	39,636	253	2,530	1,265	4,048
93101GV	TYPE II,80 FT WIDE 120 FT LONG,14 FT CLDG HEIGHT,18 FT EAVE HEIGHT.4IN CONC FLOOR.18 3FTX5FT COM PROJ WINDOWS.5 2-3FT X 7FT AND 1 3FTX7FT PERS DOORS.2-24INX24IN AUTOMATIC AND 1-12INX12IN LIGHTPRF LOUVERS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	20	116	90,490	621	6,210	3,105	9,936

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FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93101GW	TYPE I,20 FT WIDE 30 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT,2IN CONC FLOOR.6 3FTX4FT COM PROJ WINDOWS. 2 3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.PRE-ENGINEERED METAL BLDG.	2	7	6,074	35	345	173	553
93101GY	TYPE I,20 FT WIDE 50 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT,2IN CONC FLOOR.12 3FTX4FT COM PROJ WINDOWS. 4 3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.PRE-ENGINEERED METAL BLDG.	3	11	10,546	58	575	288	921
93101HA	TYPE III,100 FT WIDE 200 FT LONG,14 FT CLDG HEIGHT,18 FT EAVE HEIGHT,4IN CONC FLOOR.21 3FTX5FT COM PROJ AND 1 2-3FT X5FT COM PROJ WINDOWS.4 2-3FTX7FT PERS DOORS.14-24INX24IN LIGHTPRF AND 3 30INX30IN AUTOMATIC LOUVERS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	4	225	178,084	138	12,880	6,440	19,458
93101HB	TYPE III,40 FT WIDE 100 FT LONG,14 FT CLDG HEIGHT,18 FT EAVE HEIGHT.4IN CONC FLOOR.14 3FTX5FT COM PROJ WINDOWS. 1 2-3FTX7FT PERS DOORS.12 24INX24IN LIGHTPRF AND 2 30INX30IN AUTOMATIC LOUVERS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	1	45	42,861	253	2,530	1,265	4,048
93101HC	TYPE II,60 FT WIDE 60 FT LONG,14 FT CLDG HEIGHT,18 FT EAVE HEIGHT,4IN CONC FLOOR.9 3FTX5FT COM PROJ WINDOWS. 2 3-7FT PERS DOORS.4 24INX24IN LIGHTPRF AND 1 30INX30IN AUTOMATIC LOUVERS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6. PRE-ENGINEERED METAL BLDG.	1	41	26,884	150	1,495	748	2,393
93101HD	TYPE I,40 FT WIDE 100FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.2IN CONC FLOOR.34 3FTX4FT COM PROJ WINDOWS. 2 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	1	45	39,808	253	2,530	1,265	4,048
93101HE	TYPE II,80 FT WIDE 100FT LONG,18FT CLDG HEIGHT,18 FT EAVE HEIGHT.2IN CONC FLOOR.34 3FTX5FT COM PROJ WINDOWS. 2 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	2	90	76,522	518	5,175	2,588	8,281

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93101HF	TYPE VI,20 FT WIDE 60 FT LONG,8 FT(LOW PT)CLDG HEIGHT,10 FT (LOW SIDE)EAVE HEIGHT.2IN CONC FLOOR.9 3FTX4FT SINGLE HG AND 2 3FTX4FT SINGLE HG W/GDS WINDOWS.1 2-3FTX7FT PERS DOOR 3-ROUND ROOF VENT.ALL WALLS BATT R-6.PRE-ENGD METAL BLDG.	3	14	12,864	35	345	173	553
93101HG	TYPE VI,20 FT WIDE 100FT LONG,8 FT(LOW PT)CLDG HEIGHT,10 FT (LOW SIDE)EAVE HEIGHT.2IN CONC FLOOR.18 3FTX4FT SINGLE HG W/GDS WINDOWS.4 2-3FTX7FT PERS DOORS.4 ROUND ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	6	23	21,458	127	1,265	633	2,025
93101HH	TYPE VI,20 FT WIDE 30 FT LONG,8 FT(LOW PT)CLDG HEIGHT,10 FT (LOW SIDE)EAVE HEIGHT.2IN CONC FLOOR.6 3FTX4FT SINGLE HG W/GDS WINDOWS.2 2-3FTX7FT PERS DOORS.2 ROUND ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	2	7	7,222	46	460	230	736
93101HJ	TYPE VI,20 FT WIDE 50 FT LONG,8 FT(LOW PT)CLDG HEIGHT,10 FT (LOW SIDE)EAVE HEIGHT.2IN CONC FLOOR.10 3FTX4FT SINGLE HG W/GDS WINDOWS.2 2-3FTX7FT PERS DOORS.2 ROUND ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG	3	11	11,108	69	690	345	1,104
93101HK	TYPE VI,20 FT WIDE 80 FT LONG,8 FT (LOW PT) CLDG HEIGHT, 10 FT (LOW SIDE) EAVE HEIGHT,2 IN CONC FLOOR,15 3FTX4FT SGL HG W/GD WINDOWS.3 2-3FTX7FT PERS DOORS.4 ROUND ROOF VENT. ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	4	9	17,028	104	1,035	518	1,657
93101HL	TYPE VI,40 FT WIDE 100FT LONG,8 FT CLDG HEIGHT,12 FT EAVE HEIGHT.2IN CONC FLOOR.12 3FTX4FT SGL HG W/GDS AND 7 3FTX4FT SINGLE HG WINDOWS. 3 2-3FTX7FT PERS DOORS.CON RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGD METAL BLDG.	10	45	38,356	253	2,530	1,265	4,048
93101HM	TYPE VI,40 FT WIDE 50 FT LONG,8 FT CLDG HEIGHT,12 FT EAVE HEIGHT.2IN CONC FLOOR(4IN IN VAULT).11 3FTX4FT COM PROJ WINDOWS.3 2-3FTX7FT PERS DOORS.CONT RIDGEROOF VENT.ALL WALL BATT R-6.PRE-ENGINEERED METAL BLDG.	5	101	20,275	127	1,265	633	2,025
93101HN	TYPE VI,40 FT WIDE 70 FT LONG,8 FT CLDG HEIGHT,12 FT EAVE HEIGHT.2IN CONC FLOOR(4IN IN VAULT).14 3FTX4FT COM PROJ WINDOWS.3 2-3FTX7FT PERS DOORS.CONTRIDGEROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	7	32	27,482	173	1,725	863	2,761

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DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93101HP	TYPE IV,40 FT WIDE 90 FT LONG,8 FT CLDG HEIGHT,12 FT EAVE HEIGHT.2IN CONC(4IN IN VAULT).18 3FTX4FT COM PROJ WINDOWS. 3 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	9	41	34,816	230	2,300	1,150	3,680
93101HR	TYPE IV,80 FT WIDE 140 FT LONG,14 FT CLDG HEIGHT,18 FT EAVE HEIGHT.4IN CONC FLOOR.13 3FTX5FT COM PROJ WINDOWS.1 2-3FT X 7FT PERS DOOR.7 10FTX10FT SINGLE SIDE DOORS.CONT RIDGE ROOF VENT.PRE-ENGINEERED METAL BLDG.	24	126	94,687	713	7,130	3,565	11,408
93101HT	TYPE IV,80 FT WIDE 200 FT LONG,14 FT CLDG HEIGHT,18 FT EAVE HEIGHT.4IN CONC FLOOR.17 2-3FTX4FT COM PROJ WINDOWS.1 2-3FT 7FT PERS DOORS.9 10FTX10FT SINGLE SLIDE DOORS.CONT RIDGE ROOF VENT.PRE-ENGINEERED METAL BLDG.	34	180	133,945	1,024	10,235	5,118	16,377
93101HU	TYPE IV,80 FT WIDE 240 FT LONG,14 FT CLDG HEIGHT,18 FT EAVE HEIGHT.4IN CONC FLOOR.19 2-3FTX4FT COM PROJ WINDOWS.1 2-3FT 7FT PERS DOOR.11 10FTX10FT SINGLE SLIDE DOORS.CONT RIDGE ROOF VENT.PRE-ENGINEERED METAL BLDG.	40	216	160,705	1,231	12,305	5,796	19,332
93101HV	TYPE IV,40 FT WIDE 60 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.16 2-3FTX4FT SINGLE HG W/GDS WINDOWS. 4 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT PRE-ENGINEERED METAL BLDG.	5	27	20,908	150	1,495	748	2,393
93101HW	TYPE IV,40 FT WIDE 100FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.24 2-3FTX4FT SINGLE HG WINDOWS. 4 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT. PRE-ENGINEERED METAL BLDG.	8	45	33,833	253	2,530	1,265	4,048
93101HY	TYPE IV,40 FT WIDE 60 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.13 3FTX4FT COM PROJ WINDOWS. 2 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT. PRE-ENGINEERED METAL BLDG.	5	27	20,020	150	1,495	748	2,393
93101JA	TYPE IV,30 FT WIDE 60 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.10 3FTX4FT COM PROJ WINDOWS. 3 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT. PRE-ENGINEERED METAL BLDG.	4	20	15,765	115	1,150	575	1,840

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DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93101JB	TYPE IV,30 FT WIDE 60 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.10 3FTX4FT COM PROJ WINDOWS. 3 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	4	20	17,685	115	1,150	575	1,840
93101JC	TYPE IV,30 FT WIDE 60 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.9 3FTX4FT COM PROJ WINDOWS. 3 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	5	20	18,450	115	1,150	575	1,840
93101JF	TYPE IV,40 FT WIDE 70 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.12 3FTX4FT SINGLE HG AND 2 3FTX4FT SINGLE HG W/GDS WINDOWS.4 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	5	32	18,578	173	1,725	863	2,761
93101JG	TYPE IV,40 FT WIDE 90 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.16 3FTX4FT SINGLE HG AND 2 3FTX4FT SINGLE HG W/GDS WINDOWS.4 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	9	41	34,460	230	2,300	1,150	3,680
93101JH	TYPE IV,30 FT WIDE 40 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.2IN CONC FLOOR.11 3FTX4FT COM PROJ WINDOWS. 2 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT. PRE-ENGINEERED METAL BLDG.	3	14	11,062	69	690	345	1,104
93101JJ	TYPE IV,30 FT WIDE 60 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.2IN CONC FLOOR.14 3FTX4FT COM PROJ WINDOWS. 2 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT. PRE-ENGINEERED METAL BLDG.	4	20	16,023	115	1,150	575	1,840
93101JK	TYPE IV,40 FT WIDE 70 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.14 2-3FTX4FT SINGLE HG AND 3 3FTX4FT SINGLE HG W/GDS WINDOWS 3 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	7	32	27,380	173	1,725	863	2,761
93101JL	TYPE IV,30 FT WIDE 60 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT.4IN CONC FLOOR.11 2-3FTX4FT SINGLE HG WINDOWS. 3 2-3FTX7FT PERS DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	5	20	18,705	115	1,150	575	1,840

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DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93101JN	TYPE IV,40 FT WIDE 60 FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT,2IN CONC FLOOR,12 3FTX4FT COM PROJ WINDOWS. 4 2-3FTX7FT PERS DOORS,CONT RIDGE ROOF VENT,ALL WALLS BATT R-6,PRE-ENGINEERED METAL BLDG.	6	27	23,645	150	1,495	748	2,393
93101JW	TYPE II,60 FT WIDE 260FT LONG,8 FT CLDG HEIGHT,10 FT EAVE HEIGHT,2IN CONC FLOOR,52 3FTX4FT COM PROJ WINDOWS. 9 2-3FTX7FT PERS DOORS,CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENGINEERED METAL BLDG.	35	176	134,853	1,001	10,005	4,945	15,951
93101JP	TYPE VI,20 FT WIDE 40 FT LONG,8 FT(LOW PT)CLDG HEIGHT,10 FT (LOW SIDE)EAVE HEIGHT,4IN CONC FLOOR,3 3FTX4FT COM PROJ WINDOWS.3 2-3FTX7FT PERS DOORS.2 ROUND ROOF VENT. PRE-ENGINEERED METAL BLDG.	2	90	7,028	46	460	230	736
93101JR	TYPE VI,20 FT WIDE 70 FT LONG,8 FT(LOW PT)CLDG HEIGHT,10 FT (LOW SIDE)EAVE HEIGHT,4IN CONC FLOOR,9 3FTX4FT COM PROJ WINDOWS,3 2-3FTX7FT AND 1 3FTX7FT PERS DOORS,3 ROUND ROOF VENT. PRE-ENGINEERED METAL BLDG.	3	16	12,364	81	805	403	1,289
93101JT	TYPE VI,20 FT WIDE 30 FT LONG,8 FT(LOW PT)CLDG HEIGHT,10 FT (LOW SIDE)EAVE HEIGHT,4IN CONC FLOOR,6 3FTX4FT COM PROJ WINDOWS.2 2-3FTX7FT PERS DOORS.2 ROUND ROOF VENT. PRE-ENGINEERED METAL BLDG.	2	11	8,533	69	690	345	1,104
93101KA	TYPE IV,50 FT.WIDE 80 FT.LONG, 8 FT CLDG HEIGHT 10 FT.EAVE HEIGHT 2IN. CONC FLOOR.20 3FT.X4FT.SINGLE HG WINDOWS.4 3X7 FT.PERS.DOORS.CONT RIDGE ROOF VENT ALL WALLS BATT R-6. PRE-ENGINEERED METAL BLDG.	7	34	32,000	184	1,639	892	2,715
93101KG	TYPE IV,60 FT.WIDE 80 FT.LONG, 8 FT CLDG HEIGHT TO FT.EAVE HEIGHT 2IN. CONC FLOOR.20 3FT.X4FT.SINGLE HG WINDOWS.4 3X7 FT.PERS.DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6. PRE-ENGINEERED METAL BLDG.	8	37	34,000	198	1,668	920	2,786
93101KP	TYPE IV;30FT WIDE 60FT LONG;8FT CLDG HEIGHT; 10FT EAVE HEIGHT;4IN CONC FLOOR.8 4FTX4FT COM PROJ WINDOWS. 2 3FTX7FT PERS DOORS,2 ROUND ROOF VENTS.1 LOUVER. ALL WALLS BATT R. PRE-ENGINEERED METAL BLDG.	4	20	15,765	115	1,150	575	1,840

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93101KT	TYPE IV;30FT WIDE 60FT LONG;8FT CLDG HEIGHT;10FT EAVE HEIGHT;4IN CONC FLOOR.4 2-3FT X 7FT PERS DOORS. 2 3FTX7FT PERS DOORS. 1 ROUND ROOF VENT.12 3FTX2FT6IN LOUVERS. PRE-ENGINEERED METAL BUILDING.	4	20	15,765	115	1,150	575	1,840
93101KU	TYPE 1;20FT WIDE 100FT LONG;8FT CLDG HEIGHT; 10FT EAVE HEIGHT.4IN CONC FLOOR. 14 3FTX4FT SINGLE HG WINDOWS. 2 2-3FTX7FT PERS DOORS. ALL WALLS BATT R-6. PRE-ENGINEERED METAL BUILDING.	6	23	21,000	127	1,265	633	2,025
93101KV	TYPE I;20FT WIDE 100FT LONG;8FT CLDG HEIGHT; 10FT EAVE HEIGHT.4IN CONC FLOOR.14 3FTX4FT SINGLE HG WINDOWS.	6	23	21,450	127	1,265	633	2,025
93101KW	TYPE I;20FT WIDE 100FT LONG;8FT CLDG HEIGHT; 10FT EAVE HEIGHT.4IN CONC FLOOR.14 3FTX4FT SINGLE HG WINDOWS. 2 2-3FTX7FT PERS DOORS.14 3FTX2FT6IN LOUVERS. PRE-ENGINEERED METAL BLDG.	6	23	21,450	127	1,265	633	2,025
93101KY	TYPE I;20FT WIDE 100FT LONG;8FT CLDG HEIGHT;10FT EAVE HEIGHT.4IN CONC FLOOR.14 3FTX4FT SINGLE HG WINDOWS. 2 2-3FTX7FT PERS DOORS. ALL WALLS BATT R6. PRE-ENGINEERED METAL BLDG.	6	23	21,450	127	1,265	633	2,025
93101LA	TYPE I; 20FT WIDE 50FT LONG;8FT CLDG HEIGHT;10FT EAVE HEIGHT.4IN CONC FLOOR.9 3FTX4FT SINGLE HG WINDOWS. 3 3FTX7FT PERS DOORS.ALL WALLS BATT R-6 PRE-ENGINEERED METAL BLDG.	3	11	12,100	69	690	345	1,104
93101LB	TYPE I;20FT WIDE 50FT LONG;8FT CLDG HEIGHT; 10FT EAVE HEIGHT.4IN CONC FLOOR.9 3FTX4FT SINGLE HG WINDOWS. 3 3FTX7FT PERS DOORS.9 3FTX2FT6IN LOUVERS. PRE-ENGINEERED METAL BLDG.	3	11	12,100	69	690	345	1,104
93101LC	TYPE I; 20FT WIDE 50FT LONG;8FT CLDG HEIGHT; 10FT EAVE HEIGHT.4IN CONC FLOOR.9 3FTX4FT SINGLE HG WINDOWS. 3 3FTX7FT PERS DOORS.9 3FTX2FT6IN LOUVERS PRE-ENGINEERED METAL BLDG.	3	11	12,100	69	690	345	1,104

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DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93101LD	TYPE 1;20FT WIDE 50FT LONG;8FT CLDG HEIGHT; 10FT EAVE HEIGHT.4IN CONC FLOOR.9 3FTX4FT SINGLE HG WINDOWS 3 3FTX7FT PERS DOORS.ALL WALLS BATT R-6 PRE-ENGINEERED METAL BLDG.	3	11	12,100	69	690	345	1,104
93101LE	TYPE I;40FT WIDE 70FT LONG;8FT CLDG HEIGHT;10FT EAVE HEIGHT.4IN CONC FLOOR.9 3FTX4FT SINGLE HG WINDOWS. 3 3FTX7FT < 3 2-3FT X 7FT PERS DOORS.1 ROUND ROOF VENT ALL WALLS BATT R-6. PRE-ENGINEERED METAL BUILDING.	7	30	27,000	143	1,380	690	2,213
93101LF	TYPE I; 40FT WIDE 70FT LONG;8FT CLDG HEIGHT;10FT EAVE HEIGHT.4IN CONC FLOOR.9 3FTX4FT SINGLE HG WINDOWS. 2 3FT X 7FT < 3 2-3FT X 7FT PERS DOORS.9 3FTX2FT6IN LOUVERS ROUND ROOF VENT; PRE-ENGINEERED METAL BUILDING.	7	30	27,000	143	1,380	690	2,213
93101LG	TYPE I;40FT WIDE 70FT LONG;8FT CLDG HEIGHT; 10FT EAVE HEIGHT.4IN CONC FLOOR.9 3FTX4FT SINGLE HG WINDOWS. 3 3FTX7FT < 3 2-3FT X 7FT PERS DOORS.9 3FTX2FT6IN LOUVERS ROUND ROOF VENT; PRE-ENGINEERED METAL BLDG.	7	30	27,000	143	1,380	690	2,213
93101LH	TYPE I;40FT WIDE 70FT LONG;8FT CLDG HEIGHT;10FT EAVE HEIGHT.4IN CONC FLOOR.9 3FTX4FT SINGLE HG WINDOWS. 3 3FTX7FT <3 2-3FT X 7FT PERS.DOORS.1 ROUND ROOF VENT. ALL WALLS BATT R-6. PRE-ENGINEERED METAL BLDG.	7	30	27,000	143	1,380	690	2,213
93101MD	TYPE I;40FT WIDE 50FT LONG;8FT CLDG HEIGHT;10FT EAVE HEIGHT.2IN CONC FLOOR.7 2-3FTX4FT SINGLE HG WINDOWS. 1 3FTX7FT PERS DOOR. 2 4FTX7FT DBL SLIDE DOORS. CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENG MET BLDG.	5	101	20,275	107	1,036	519	1,662
93101ME	TYPE I;40FT WIDE 100FT LONG;8FT CLDG HEIGHT;10FT EAVE HEIGHT.2IN CONC FLOOR.10 2-3FTX4FT SINGLE HG WINDOWS. 3 3FTX7FT PERS DOORS.4 4FTX7FT DBL SLIDE DOORS. CONT RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENG METAL BLDG.	10	45	38,356	202	1,961	981	3,144
93101MF	TYPE I;20FT WIDE 30FT LONG;8FT CLDG HEIGHT;10FT EAVE HEIGHT.2IN CONC FLOOR.4 2-3FTX4FT SINGLE HG WINDOWS. 2 3FTX7FT PERS DOORS.1 4FTX7FT DBL SLIDE DOOR. CONT.RIDGE ROOF VENT ALL WALLS BATT R-6. PRE-ENGINEERED METAL BUILDING. METAL BLDG 00000600SF	19	7	7,756	41	397	199	637

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DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93101MG	TYPE I;20FT WIDE 50FT LONG;8FT CLDG HEIGHT;10FT EAVE HEIGHT.2IN CONC FLOOR.4 2-3FTX4FT SINGLE HG WINDOWS 3 3FTX7FT PERS DOORS.1 4FTX7FT DBLE SLIDE DOORS. CONT RIDGE ROOF VENT.ALL WALLS BATT R-6 PRE-ENGINEERED METAL BUILDING. METAL BLDG 000010005F	3	11	12,089	69	690	345	1,104
93101MH	TYPE I;40FT WIDE 50FT LONG;8FT CLDG HEIGHT;10FT EAVE HEIGHT.2IN CONC FLOOR.3 2-3FTX4FT SINGLE HG WINDOWS. 5 3FTX7FT PERS DOORS.2 4FTX7FT DBLE SLIDE DOORS. CONT.RIDGE ROOF VENT.ALL WALLS BATT R-6 PRE-ENGINEERED METAL BUILDING. METAL BLDG 000020005F	5	101	20,275	107	1,036	519	1,662
93101MJ	TYPE I;40FT WIDE 100FT LONG;8FT CLDG HEIGHT;10FT EAVE HEIGHT.2IN CONC FLOOR.8 203FTX4FT SINGLE HG WINDOWS. 6 3FTX7FT PERS DOORS.2 4FTX7FT DBLE SLIDE DOORS. CONT.RIDGE ROOF VENT.ALL WALLS BATT R-6. PRE-ENGINEERED METAL BLDGS.	10	45	38,336	202	1,961	981	3,144
93101MK	TYPE I;30FT WIDE 40FT LONG;8FT CLDG HEIGHT;10FT EAVE HEIGHT.2IN CONC FLOOR.2 2-3FTX4FT SINGLE HG WINDOWS 1 3FTX7FT PERS DOOR. CONT.RIDGE ROOF VENT.ALL WALLS BATT R-6 PRE-ENGINEERED METAL BLDGS.	3	14	13,673	72	699	350	1,121
93101ML	TYPE I;40FT WIDE 60FT LONG;8FT CLDG HEIGHT;10FT EAVE HEIGHT.2IN CONC FLOOR.9 2-3FTX4FT SINGLE HG WINDOWS 1 2-3FTX7FT PERS DOOR. CONT.RIDGE ROOF VENT.ALL WALLS BATT R-6.PRE-ENG MET BLDG.	5	27	20,908	110	1,068	535	1,713
93101MM	TYPE I,40FT.WIDE BY 135FT LONG 14FT CLDG.HEIGHT 16FT EAVES 6EA.2-3X4FT SGL HUNG WINDOWS.1EA.3X7FT PERS.DOORS.7EA 12FT BY 13FT OVERHEAD DOORS.CONT.ROOF VENTS.ALL WALLS BATT R-6. PRE-ENGINEERED METAL BUILDING.	12	50	64,000	230	2,473	1,380	4,083
93101MN	TYPE I 40FT.WIDE BY 75FT LONG 14FT CLDG HEIGHT 16FT EAVES 6EA.2-3X4FT SGL HUNG WINDOWS 1EA.3X7FT PERS DOORS 3EA 12FT BY 13FT OVERHEAD DOORS,CONT.ROOF VENTS.ALL WALLS BATT R-6. PRE-ENGINEERED METAL BUILDING.	8	37	34,000	163	1,587	828	2,578

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DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93101MP	TYPE II 60FT WIDE 100FT LONG 8FT CLDG HEIGHT 10FT EAVE HEIGHT.2IN CONC FLOOR.PRE-ENGINEERED METAL BUILDING	15	175	24,684	378	3,779	1,889	6,046
93101MR	TYPE IV;40FT WIDE 40FT LONG;8FT CLDG HEIGHT;10FT EAVE HEIGHT.2IN CONC FLOOR. PRE-ENGINEERED METAL BLDG.	4	180	14,056	100	997	498	1,595
93101MT	TYPE IV,40 FT.WIDE 70 FT.LONG, 8 FT CLDG HEIGHT 10 FT.EAVE HEIGHT 2IN. CONC FLOOR.18 3FT.X4FT.SINGLE HG WINDOWS.4 3X7 FT.PERS.DOORS.CONT RIDGE ROOF VENT.ALL WALLS BATT R-6. PRE-ENGINEERED METAL BLDG.	7	30	27,000	161	1,582	805	2,548
93101MU	TYPE I;40FT WIDE 130FT LONG;8FT CLDG HEIGHT;10FT EAVE HEIGHT.2IN CONC FLOOR PRE-ENGINEERED METAL BLDG.	13	60	34,000	263	2,550	1,275	4,088
93101NB	TYPE I 60 FT WIDE 120 FT LONG 12 FT CLDG HEIGHT 14 FT EAVE HEIGHT 4IN CONC FLR 25 3X4FT SLIDING WINDOWS 2 3X7FT AND 0 2-3X7FT PERSONNEL DOORS CONT ROOF VENT ALL WALLS BATT R-6 PRE-ENGINEERED METAL BUILDING	16	355	63,683	331	3,312	1,656	5,299
93102AA	ENDWALL UNIT, LIGHTWEIGHT STEEL PANEL BUILDING 20 FT WIDE AND 8 FT HIGH		1	748		3	2	5
93102AB	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 20 FT WIDE AND 8 FT HIGH BUILDING, 4 FT WIDE 1 DOOR SECTION		1	532		3	2	5
93102AC	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 20 FT WIDE AND 8 FT HIGH BUILDING, 4 FT WIDE 2 WINDOW SECTION		1	579		3	2	5
93102AD	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 20 FT WIDE AND 8 FT HIGH BUILDING, 4 FT WIDE SOLID SECTION			288		3	2	5
93102AE	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 20 FT WIDE AND 8 FT HIGH BUILDING, 2 FT WIDE SOLID SECTION			258		2	1	3
93102AF	ENDWALL UNIT, LIGHTWEIGHT STEEL PANEL BUILDING 20 FT WIDE AND 20 FT HIGH	1	2	1,251	1	3	5	9

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93102AG	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 20 FT WIDE AND 20 FT HIGH BUILDING, 4 FT WIDE, 1 DOOR SECTION		1	736	1	3	5	9
93102AH	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 20 FT WIDE AND 20 FT HIGH BUILDING, 4 FT WIDE 2 WINDOW SECTION		1	994	1	3	5	9
93102AJ	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 20 FT WIDE AND 20 FT HIGH BUILDING, 4 FT WIDE SOLID SECTION		1	608	1	3	5	9
93102AK	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 20 FT WIDE AND 20 FT HIGH BUILDING, 2 FT WIDE SOLID SECTION			406	1	2	2	5
93102AL	ENDWALL UNIT, LIGHTWEIGHT STEEL PANEL BUILDING 30 FT WIDE AND 8 FT HIGH WITH 1 WINDOW AND 1 DOOR		1	1,223		7	5	12
93102AM	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 30 FT WIDE AND 8 FT HIGH BUILDING, 20 FT BAY WITH 2 DOORS AND 2 WINDOWS	2	16	4,294		17	15	32
93102AN	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 30 FT WIDE AND 8 FT HIGH BUILDING, 20 FT BAY WITH 2 WINDOWS	2	16	4,153		17	15	32
93102AP	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 30 FT WIDE AND 8 FT HIGH BUILDING, 20 FT BAY WITH 4 WINDOWS	2	16	4,153		17	15	32
93102AR	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 30 FT WIDE AND 8 FT HIGH BUILDING, 10 FT BAY WITH 2 WINDOWS	2	8	2,710		9	8	17
93102AT	EXTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 30 FT WIDE AND 8 FT HIGH BUILDING, 40 FT SECTION WITH 8 WINDOWS	6	33	9,682		9	8	17
93102AU	EXTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 30 FT WIDE AND 8 FT HIGH BUILDING, 20 FT BAY WITH 4 WINDOWS	4	17	6,451		17	15	32
93102BG	EXTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 12 FT HIGH, 40 FT BAY WITH 4 WINDOWS AND 4 DOORS	8	43	12,547	7	41	28	76

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93102BH	ENDWALL UNIT, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 8 FT HIGH WITH 1 WINDOW AND 1 DOOR	1	2	1,646	1	7	5	13
93102BJ	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 8 FT HIGH BUILDING, 20 FT BAY WITH 2 WINDOWS	3	20	4,847	3	20	13	36
93102BK	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 8 FT HIGH BUILDING, 20 FT BAY WITH 4 WINDOWS	3	20	4,965	3	20	13	36
93102BL	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 8 FT HIGH BUILDING, 20 FT BAY SOLID SECTION	3	20	4,729	3	20	13	36
93102BM	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 8 FT HIGH BUILDING, 10 FT BAY SOLID SECTION	2	11	3,055	2	10	7	19
93102BN	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 8 FT HIGH BUILDING, 20 FT BAY WITH 2 WINDOWS AND 2 DOORS	3	20	4,989	3	20	13	36
93102BP	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 8 FT HIGH BUILDING, 20 FT BAY WITH 1 WINDOW AND 1 DOOR	3	20	4,859	3	20	13	36
93102BR	EXTERIOR BAR, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 8 FT HIGH BUILDING, 40 FT BAY WITH 12 WINDOWS	5	35	7,888	7	39	25	71
93102BT	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 12 FT HIGH, 20 FT BAY WITH 2 WINDOWS AND 2 DOORS	3	21	5,598	3	21	14	38
93102BU	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 12 FT HIGH, 20 FT BAY WITH 4 WINDOWS	3	21	5,570	3	21	14	38
93102BV	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 12 FT HIGH, 20 FT BAY WITH 2 8 BY 8 FT DOUBLE DOORS	3	23	5,775	3	21	14	38
93102BW	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 12 FT HIGH, 20 FT BAY SOLID SECTION	3	21	5,339	3	21	14	38

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93102BY	EXTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 12 FT HIGH, 40 FT BAY WITH 4 8 BY 8 FT DOUBLE DOORS	8	47	12,828	7	41	28	76
93102CA	ENDWALL UNIT, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 14 FT HIGH SOLID SECTION	1	3	2,308	1	8	5	14
93102CB	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 14 FT HIGH, 20 FT BAY WITH 2 WINDOWS AND 2 DOORS	4	21	5,945	5	23	16	44
93102CC	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 14 FT HIGH, 20 FT BAY WITH 2 WINDOWS	4	21	5,839	5	23	16	44
93102CD	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 14 FT HIGH, 20 FT BAY WITH 4 WINDOWS	4	21	6,282	5	23	16	44
93102CE	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 14 FT HIGH, 20 FT BAY WITH 6 WINDOWS	4	21	6,039	5	23	16	44
93102CF	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 14 FT HIGH, 20 FT BAY WITH 1 8 BY 8 FT DOUBLE DOOR	3	21	5,110	5	23	16	44
93102CG	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 14 FT HIGH, 20 FT BAY WITH 2 WINDOWS AND 2 DOORS	3	19	4,116	5	17	10	32
93102CH	EXTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 14 FT HIGH, 40 FT BAY WITH 8 WINDOWS	8	44	13,389	9	46	32	87
93102CJ	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 14 FT HIGH, 40 FT BAY WITH 12 WINDOWS	9	44	14,456	9	46	32	87
93102CK	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 14 FT HIGH, 40 FT BAY WITH 2 8 BY 8 FT DOUBLE DOORS	6	39	8,948	9	46	32	87
93102CL	EXTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 14 FT HIGH, 40 FT BAY WITH 4 WINDOWS AND 4 DOORS	6	39	9,320	9	35	21	65
93102CM	EXTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 16 FT HIGH, WITH 1 WINDOW AND 1 DOOR	1	3	2,628	1	9	5	15

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93102CN	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 16 FT HIGH, 20 FT BAY WITH 1 8 BY 8 FT DOUBLE DOOR	4	22	6,018	5	26	17	48
93102CP	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 16 FT HIGH, 20 FT BAY SOLID SECTION	3	19	4,751	5	26	17	48
93102CR	EXTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 16 FT HIGH, 40 FT BAY WITH 18 WINDOWS	9	44	15,050	5	26	17	48
93102CT	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 20 FT HIGH, 20 FT BAY WITH 2 WINDOWS AND 2 DOORS	4	22	6,960	5	26	25	56
93102CU	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 20 FT HIGH, 20 FT BAY WITH 1 WINDOW AND 1 DOOR	4	22	6,862	5	26	25	56
93102CV	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 20 FT HIGH, 20 FT BAY WITH 2 WINDOWS	4	22	6,850	5	26	25	56
93102CW	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 20 FT HIGH, 20 FT BAY WITH 1 12 BY 16 ROLL UP DOOR	4	22	7,787	5	29	28	62
93102CY	EXTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 20 FT HIGH, 40 FT BAY WITH 2 WINDOWS AND 2 DOORS	10	46	15,831	5	26	25	56
93102DA	ENDWALL UNIT, LIGHTWEIGHT STEEL PANEL BUILDING 50 FT WIDE AND 8 FT HIGH, SOLID SECTION	1	2	2,059	1	7	6	14
93102DB	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 50 FT WIDE AND 8 FT HIGH BUILDING 20 FT BAY WITH 2 DOORS AND 3 WINDOWS	4	24	6,158	5	20	20	45
93102DC	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 50 FT WIDE AND 8 FT HIGH, 20 FT BAY SOLID SECTION	4	24	3,840	5	20	20	45
93102DD	EXTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 50 FT WIDE AND 8 FT HIGH BUILDING, 40 FT BAY WITH 4 DOORS AND 6 WINDOWS	7	45	10,425	9	39	39	87

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93102DE	ENDWALL UNIT, LIGHTWEIGHT STEEL PANEL BUILDING 50 FT WIDE AND 12 FT HIGH SOLID SECTION	1	3	2,760	2	7	7	16
93102DF	INTERIOR BAY;LIGHTWEIGHT STEEL PANEL BUILDING 50FT WIDE AND 12 FT HIGH, 20 FT BAY WITH 2 DOORS AND 1 WINDOW	4	25	6,624	6	21	21	48
93102DG	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 50 FT WIDE AND 12 FT HIGH, 20 FT BAY WITH 2 WINDOWS	4	25	6,515	6	21	21	48
93102DH	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 50 FT WIDE AND 12 FT HIGH, 20 FT BAY WITH 1 16 BY 12 FT ROLL UP DOOR	4	25	6,220	6	30	30	66
93102DJ	EXTERIOR BAY;LIGHTWEIGHT STEEL PANEL BUILDING 50FT WIDE AND 12 FT HIGH, 40 FT BAY WITH 4 DOORS AND 2 WINDOWS	9	52	14,783	12	41	41	94
93102DK	ENDWALL UNIT, LIGHTWEIGHT STEEL PANEL BUILDING 50 FT WIDE AND 14 FT HIGH SOLID SECTION	2	4	3,045	2	8	7	17
93102DL	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 50 FT WIDE AND 14 FT HIGH, 20 FT BAY WITH 1 DOOR AND 2 WINDOWS	4	26	6,932	6	22	21	49
93102DM	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 50 FT WIDE AND 14 FT HIGH, 10 FT BAY SOLID SECTION	3	13	4,256	3	12	10	25
93102DN	EXTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 50 FT WIDE AND 14 FT HIGH, 40 FT BAY WITH 2 DOORS AND 4 WINDOWS	10	53	15,955	12	44	41	97
93102EA	ENDWALL UNIT, LIGHTWEIGHT STEEL PANEL BUILDING 60 FT WIDE AND 12 FT HIGH, SOLID SECTION	1	3	3,119	2	8	7	17
93102EB	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 60 FT WIDE AND 12 FT HIGH, 20 FT BAY WITH 2 DOORS	5	29	7,236	6	23	23	52
93102EC	EXTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 60 FT WIDE AND 12 FT HIGH, 40 FT BAY WITH 4 WINDOWS	10	59	14,475	12	46	46	104
93102ED	ENDWALL UNIT, LIGHTWEIGHT STEEL PANEL BUILDING 60 FT WIDE AND 14 FT HIGH, SOLID SECTION	2	4	3,467	2	9	8	19

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERY	GENL	TOT
93102EE	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 60 FT WIDE AND 14 FT HIGH, 20 FT BAY WITH 6 WINDOWS	5	29	7,504	6	26	26	58
93102EF	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 60 FT WIDE AND 14 FT HIGH, 20 FT BAY, SOLID SECTION	5	30	7,546	6	26	26	58
93102EG	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 60 FT WIDE AND 14 FT HIGH, 20 FT BAY WITH 2 DOORS AND 3 WINDOWS	5	30	7,865	6	26	26	58
93102EH	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 60 FT WIDE AND 14 FT HIGH, 20 FT BAY WITH 7 WINDOWS	5	30	7,959	6	26	26	58
93102EJ	EXTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 60 FT WIDE AND 14 FT HIGH, 40 FT BAY WITH 4 DOORS AND 6 WINDOWS	11	61	17,040	12	53	53	118
93102EK	ENDWALL UNIT, LIGHTWEIGHT STEEL PANEL BUILDING 60 FT WIDE AND 18 FT HIGH, WITH 1 DOOR AND 1 WINDOW	2	5	4,289	2	10	10	22
93102EL	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 60 FT WIDE AND 18 FT HIGH, 20 FT BAY WITH 2 WINDOWS AND 2 12 BY 16 ROLL UP DOOR	5	31	10,940	7	38	37	82
93102EM	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 60 FT WIDE AND 18 FT HIGH, 20 FT BAY WITH 2 WINDOWS AND 1 8 BY 8 DOUBLE DOOR	5	31	8,487	7	33	32	72
93102EN	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 60 FT WIDE	5	30	8,594	7	33	32	72
93102EP	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 60 FT WIDE AND 18 FT HIGH, 20 FT BAY WITH 2 WINDOWS AND 1 12 BY 16 ROLL UP DOOR	5	31	9,661	7	33	32	72
93102ER	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 60 FT WIDE AND 18 FT HIGH, 20 FT BAY WITH 1 DOOR AND 13 WINDOWS	5	30	8,995	7	33	32	72
93102ET	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 60 FT WIDE AND 18 FT HIGH, 20 FT BAY WITH 12 WINDOWS	5	30	8,866	7	38	37	82

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FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93102EU	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 60 FT WIDE AND 18 FT HIGH, 20 FT BAY, SOLID SECTION	3	24	4,149	7	33	32	72
93102EV	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 60 FT WIDE AND 18 FT HIGH, 20 FT BAY WITH 2 12 BY 16 ROLL UP DOORS	5	31	10,853	7	33	32	72
93102EW	EXTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 60 FT WIDE AND 18 FT HIGH, 40 FT BAY WITH 4 WINDOWS AND 2 12 BY 16 ROLL UP DOORS	11	61	17,192	14	71	69	154
93102FA	ENDWALL UNIT, LIGHTWEIGHT STEEL PANEL BUILDING, 60 FT WIDE 20 FT HIGH	2	6	4,337	2	12	12	26
93102FB	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING, 60 FT WIDE AND 20 FT HIGH, 20 FT BAY WITH 4 WINDOWS AND 2 12 BY 16 ROLLUP DOORS	5	32	11,665	7	40	39	86
93102FC	INTERIOR BAY,LIGHTWEIGHT STEEL PANEL BUILDING 60 FT WIDE AND 20 FT HIGH, 20 FT BAY WITH 4 WINDOWS	4	11	8,574	7	36	35	78
93102FD	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING, 60 FT WIDE AND 20 FT HIGH, 20 FT BAY, SOLID SECTION	6	31	8,708	7	36	35	78
93102FE	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING, 60 FT WIDE AND 20 FT HIGH, 20 FT BAY WITH 1 12 BY 16 ROLL UP DOOR	5	31	10,027	7	39	37	83
93102FF	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING, 60 FT WIDE AND 20 FT HIGH, 20 FT BAY WITH 4 DOORS	5	31	8,967	7	36	35	78
93102FG	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING, 60 FT WIDE AND 20 FT HIGH, 20 FT BAY WITH 2 12 BY 16 ROLL UP DOORS	5	32	11,372	7	40	39	86
93102FH	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING, 60 FT WIDE AND 20 FT HIGH, 20 FT BAY WITH 2 WINDOWS AND 1 16 BY 18 ROLL UP DOOR	5	32	10,843	7	38	37	82
93102FJ	EXTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING, 60 FT WIDE AND 20 FT HIGH, 40 FT BAY WITH 8 WINDOWS AND 4 12 BY 16 ROLL UP DOORS	13	66	25,561	14	71	69	154

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS NOR	VERT	GENL	TOT
93102FK	EXTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING, 60 FT WIDE AND 20 FT HIGH, 40 FT BAY WITH 8 WINDOWS	13	64	20,237	14	71	69	154
93102FL	EXTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING, 60 FT WIDE AND 20 FT HIGH, 40 FT BAY WITH 4 12 BY 16 ROLL UP DOOR	12	66	25,212	14	81	78	173
93102FM	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 60 FT WIDE AND 12 FT HIGH, 20 FT BAY WITH 2 WINDOWS AND 2 8 BY 8 DOORS	3	27	4,757	6	23	23	52
93102GA	INSULATION PACKAGE FOR LIGHTWEIGHT STEEL PANEL BUILDINGS, R-6, 1000 SF, DESERT/TROPIC CLIM		2	350		18		18
93102GD	STRIP FOOTINGS WITH REINFORCING STEEL PACKAGE, 100 LF	2	1	84	5		18	23
93102GE	ISOLATED FOOTING WITH REINFORCING STEEL PACKAGE, 30/40 FT WIDE BUILDING, 12 FT HIGH AND LESS			24	2	7	7	16
93102GF	ISOLATED FOOTING WITH REINFORCING STEEL PACKAGE, 30/40 FT WIDE BUILDING, TALLER THAN 12 FT HIGH	1		32	2	8	8	18
93102GG	ISOLATED FOOTING WITH REINFORCING STEEL PACKAGE, 50/60 FT WIDE BUILDING, 12 FT HIGH AND LESS	1	1	40	2	8	8	18
93102GH	ISOLATED FOOTING WITH REINFORCING STEEL PACKAGE, 50/60 FT WIDE BUILDING TALL THAN 12 FT HIGH	1	1	55	2	9	9	20
93102GL	ISOLATED FOOTING WITH REINFORCING STEEL PACKAGE, 90 FT TENSION FABRIC MEMBRANE BUILDING	1	1	86	2	8	8	18
93102GN	ISOLATED FOOTING WITH REINFORCING STEEL PACKAGE, 124 FT TENSION FABRIC MEMBRANE BUILDING	1	1	90	2	9	9	20
93102HA	BASIC BUILDING, LIGHTWEIGHT TENSION FABRIC MEMBRANE BUILDING, 90 BY 140 BY 12/34	12	10	39,928	35	206	206	447
93102HB	INTERIOR BAY, LIGHTWEIGHT TENSION FABRIC MEMBRANE BUILDING, 90 BY 50 BY 34	11	11	70,972	52	235	235	522

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FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93102HC	BASIC BUILDING, LIGHTWEIGHT TENSION FABRIC MEMBRANE BUILDING, 124 BY 184 BY 14/42	19	11	71,559	14	30	30	74
93102HD	INTERIOR BAY, LIGHTWEIGHT TENSION FABRIC MEMBRANE BUILDING, 124 BY 60 BY 42	10	9	62,732	21	32	32	85
93102JA	ENDWALL UNIT, LIGHTWEIGHT STEEL PANEL BUILDING, 20 FT WIDE AND 16 FT HIGH, SOLID SECTION	1	2	1,421		3	3	6
93102JB	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING, 20 FT WIDE AND 16 FT HIGH, 4 FT BAY, SOLID SECTION		1	565		3	3	6
93102JC	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING, 20 FT WIDE AND 16 FT HIGH, 4 FT BAY, WITH 1 WINDOW AND 1 DOOR		1	744		3	3	6
93102JD	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING, 40 FT WIDE AND 8 FT HIGH, 20 FT BAY, WITH 2 8 BY 8 FT DOORS	2	17	2,834	3	20	13	36
93102JE	ENDWALL UNIT, LIGHTWEIGHT STEEL PANEL BUILDING, 20 FT WIDE AND 8 FT HIGH, WITH 1 8 BY 8 FT DOOR		2	942		3	2	5
93102JF	ENDWALL UNIT LIGHTWEIGHT STEEL PANEL BUILDING 40FT WIDE AND 8 FT HIGH, WITH 1 4 BY 7 FT DOOR AND 1 8 BY 8 FT DOOR		1	1,456	1	7	5	13
93102JG	ENDWALL UNIT, LIGHTWEIGHT STEEL PANEL BUILDING, 60 FT WIDE AND 20 FT HIGH, WITH 2 16 BY 18 FT ROLL UP DOORS	3	5	4,202	2	12	12	26
93102JH	EXTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING, 40 FT WIDE AND 8 FT HIGH, 40 FT BAY, WITH 4 WINDOWS AND 3 DOORS	4	10	7,141	7	39	25	71
93102JJ	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING, 50 FT WIDE AND 14 FT HIGH, 20 FT BAY, WITH 2 16 BY 12 FT ROLL UP DOORS	4	24	5,709	12	48	46	106
93102JK	ENDWALL UNIT, LIGHTWEIGHT STEEL PANEL BUILDING, 30 FT WIDE AND 14 FT HIGH, WITH 1 WINDOW AND 1 DOOR	1	2	1,690	1	7	6	14
93102JL	EXTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING, 30 FT WIDE AND 14 FT HIGH, 40 FT BAY, WITH 2 DOORS	6	34	11,155	3	35	39	79

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93102JM	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING, 30 FT WIDE AND 14 FT HIGH, 20 FT BAY, WITH 8 WINDOWS	3	17	5,339	2	17	20	39
93102KJ	ENDWALL UNIT, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 12 FT HIGH	1	2	2,052	1	7	5	13
93102KK	ENDWALL UNIT, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 20 FT HIGH, SOLID SECTION	2	4	2,920	1	9	8	18
93102KL	EXTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 30 FT WIDE AND 8 FT HIGH BUILDING, 40 FT SECTION WITH 4 WINDOWS AND 4 DOORS	5	33	9,269		35	30	65
93102KM	EXTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 8 FT HIGH BUILDING, 40 FT BAY WITH 8 WINDOWS	7	41	11,058	7	39	25	71
93102KN	EXTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 12 FT HIGH, 40 FT BAY WITH 8 WINDOWS	7	43	12,257	7	41	28	76
93102KP	EXTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 12 FT HIGH, 40 FT BAY SOLID SECTION	7	43	11,775	7	41	28	76
93102KR	EXTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 16 FT HIGH, 40 FT BAY WITH 4 WINDOWS AND 4 DOORS	8	44	13,676	9	53	35	97
93102KT	EXTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 20 FT HIGH, 40 FT BAY WITH 4 WINDOWS AND 4 DOORS	10	46	16,056	9	53	51	113
93102KU	EXTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 40 FT WIDE AND 20 FT HIGH, 40 FT BAY WITH 2 12 BY 16 FT ROLL UP DOOR AND 8 WINDOWS	9	45	18,469	9	62	55	126
93102KV	EXTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING, 60 FT WIDE AND 18 FT HIGH, 40 FT BAY WITH 4 DOORS AND 10 WINDOWS	12	62	18,363	14	67	64	145
93102KW	INTERIOR BAY, LIGHTWEIGHT STEEL PANEL BUILDING 60 FT WIDE AND 18 FT HIGH, 10 FT BAY WITH 7 WINDOWS	4	16	5,872	3	17	16	36

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93102LA	BARRACKS TYPE,BASIC BUILDING,LIGHTWEIGHT STEEL PANEL BUILDING, 20 BY 20, 8 FT MIN CLEARANCE, TEMP CLIM	4	11	5,200				
93102LB	WAREHOUSE TYPE, BASIC BUILDING, LIGHTWEIGHT STEEL PANEL BUILDING, 30 BY 30 FOR PERSONNEL USE, 8 FOOT MINIMUM CLEARANCE, TEMP CLIM	5	13	6,800				
93102LC	BASIC BUILDING, LIGHTWEIGHT STEEL PANEL BUILDING, 40 BY 40, WITH CONCRETE FOUNDATION, 20 FOOT MINIMUM CLEARANCE, TEMP CLIM	6	16	8,200				
93102LD	SHOP TYPE BASIC BUILDING, LIGHTWEIGHT STEEL PANEL BUILDING, 60 BY 60, 20 FT MINIMUM CLEARANCE, TEMP CLIM	7	22	10,400				
93102LE	SHOP TYPE BASIC BUILDING, LIGHTWEIGHT STEEL PANEL BUILDING, 60 BY 80, 20 FT MINIMUM CLEARANCE, TEMP CLIM	9	26	13,600				
93102LG	BARRACKS TYPE, BASIC BUILDING LIGHTWEIGHT STEEL PANEL BUILDING, 20 BY 20, 8 FT MIN CLEARANCE, DESERT/TROPIC CLIM	7	22	10,400				
93102LH	WAREHOUSE TYPE, BASIC BUILDING, LIGHTWEIGHT STEEL PANEL BUILDING, 30 BY 30 FOR PERSONNEL USE, 8 FOOT MINIMUM CLEARANCE, DESERT/TROPIC CLIM	8	23	12,800				
93102LJ	BASIC BUILDING, LIGHTWEIGHT STEEL PANEL BUILDING, 40 BY 40, WITH CONCRETE FOUNDATION, 20 FOOT MINIMUM CLEARANCE, DESERT/TROPIC CLIM	11	28	14,500				
93102LK	SHOP TYPE BASIC BUILDING, LIGHTWEIGHT STEEL PANEL BUILDING, 60 BY 60, 20 FT MINIMUM CLEARANCE, DESERT/TROPIC CLIM	14	37	19,200				
93102LL	SHOP TYPE BASIC BUILDING, LIGHTWEIGHT STEEL PANEL BUILDING, 60 BY 80, 20 FT MINIMUM CLEARANCE, DESERT/TROPIC CLIM							
93102LM	BARRACKS TYPE, BASIC BUILDING LIGHTWEIGHT STEEL PANEL BUILDING, 20 BY 20, 8 FT MIN CLEARANCE, FRIGID CLIM	16	45	24,000				

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	CONSTRUCTION MATERIAL COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93102LN	WAREHOUSE TYPE, BASIC BUILDING, LIGHTWEIGHT STEEL PANEL BUILDING, 30 BY 30 FOR PERSONNEL USE, 8 FOOT MINIMUM CLEARANCE, FRIGID CLIM	12	32	16,400				
93102LP	BASIC BUILDING, LIGHTWEIGHT STEEL PANEL BUILDING, 40 BY 40, WITH CONCRETE FOUNDATION, 20 FOOT MINIMUM CLEARANCE, FRIGID CLIM	14	37	19,200				
93102LR	SHOP TYPE BASIC BUILDING, LIGHTWEIGHT STEEL PANEL BUILDING, 60 BY 80, 20 FT MINIMUM CLEARANCE, FRIGID CLIM	24	63	32,600				
93102LT	SHOP TYPE BASIC BUILDING, LIGHTWEIGHT STEEL PANEL BUILDING, 60 BY 60, 20 FT MINIMUM CLEARANCE, FRIGID CLIM	28	73	38,000				
93102MA	BUILDING, LIGHTWEIGHT STEEL PANEL 20X30X8, WINDOWS 1 PERSONNEL DOOR					16	10	26
93102MB	BLDG, LTWT STL PNL 20X50X8 1 PERSONNEL DOOR					16	10	26
93102MC	BLDG, LTWT STL PNL 20X24X8 1 PERSONNEL DOOR					14	9	23
93102MD	BUILDING, LIGHTWEIGHT STEEL PANEL 20X20X8FT, 2 WINDOWS AND 1 PERSONEL DOOR					14	9	23
93102ME	BUILDING, LIGHTWEIGHT STEEL PANEL 20X100X8FT, 2 WINDOWS AND 1 PERSONEL DOOR					14	9	23
93102MG	BUILDING, LIGHTWEIGHT STEEL PANEL 20X40X8FT, 2 WINDOWS AND 1 PERSONEL DOOR					16	10	26
93102MH	BUILDING, LIGHTWEIGHT STEEL PANEL 20X10X8FT, 2 WINDOWS AND 1 PERSONEL DOOR					13	8	21
93102MJ	BUILDING, LIGHTWEIGHT STEEL PANEL 20X60X8FT, 2 WINDOWS AND 1 PERSONNEL DOOR					14	9	23

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93102MK	BUILDING, LIGHTWEIGHT STEEL PANEL 20X80X8FT, 2 WINDOWS AND 1 PERSONEL DOOR					14	9	23
93102MM	BUILDING, LIGHTWEIGHT STEEL PANEL 20X50X8FT, 2 WINDOWS AND 1 PERSONEL DOOR					16	10	26
93102NA	BLDG, LTWT STL PNL 30X70X8 1 PERSONNEL DOOR					43	36	79
93102NB	3 PERSONEL DOORS					60	51	111
93102NC	BUILDING, LIGHTWEIGHT STEEL PANEL 30X100X8FT, 17 WINDOWS 3 PERSONEL DOORS					68	58	126
93102ND	BUILDING, LIGHTWEIGHT STEEL PANEL 30X110X8FT, 17 WINDOWS 3 PERSONEL DOORS					60	51	111
93102NE	BUILDING, LIGHTWEIGHT STEEL PANEL 30X40X8FT, 7 WINDOWS AND 3 PERSONEL DOORS					51	43	94
93102NF	BUILDING, LIGHTWEIGHT STEEL PANEL 30X50X8FT, 9 WINDOWS AND 3 PERSONEL DOORS					51	43	94
93102NG	BUILDING, LIGHTWEIGHT STEEL PANEL 30X80X8FT, 15 WINDOWS AND 3 PERSONEL DOORS					51	43	94
93102NH	BUILDING, LIGHTWEIGHT STEEL PANEL 30X60X8FT, 11 WINDOWS AND 3 PERSONEL DOORS					33	28	61
93102PA	BLDG, LTWT STL PNL 40X50X8 PERSONEL DOOR AND 1 VEHICLE DOOR				10	56	37	103
93102PB	BLDG, LTWT STL PNL 40X100X8 2 PERSONNEL DOORS, AND 2 VEHICLE DOORS				15	85	55	155
93102PC	BLDG, LTWT STL PNL 40X100X12 2 PERSONNEL DOORS AND 2 VEHICLE DOORS				18	110	74	202

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93102PD	BLDG, LTWT STL PNL 40X100X14 2 PERSONEL DOORS				14	52	31	97
93102PE	BLDG, LTWT STL PNL 40X120X14 6 PERSONEL DOORS				14	52	31	97
93102PF	BUILDING, LIGHTWEIGHT STEEL PANEL 40X90X8FT, 17 WINDOWS AND 3 PERSONEL DOORS				21	108	70	199
93102PG	BUILDING, LIGHTWEIGHT STEEL PANEL 40X110X8FT, 21 WINDOWS 3 PERSONEL DOORS				21	108	70	199
93102PH	BUILDINGC LIGHT WEIGHT STEEL PANEL 40X120X8FT, 21 WINDOWS 3 PERSONEL DOORS				18	105	68	191
93102PJ	BUILDING, LIGHTWEIGHT STEEL PANEL 40X80X8FT, 14 WINDOWS AND 3 PERSONEL DOORS				15	85	55	155
93102PK	BUILDING, LIGHTWEIGHT STEEL PANEL 40X60X8FT, 9 WINDOWS AND 1 PERSONEL DOOR				12	66	43	121
93102PL	BUILDING, LIGHTWEIGHT STEEL PANEL 40X70X8FT, 10 WINDOWS AND 2 PERSONEL DOORS				14	76	61	151
93102RA	BLDG, LTWT STL PNL 90X140X14 AND 1 VEHICLE DOOR .				35	206	206	447
93102RB	BLDG, LTWT STL PNL 90X240X14 AND 2 VEHICLE DOORS				86	440	440	966
93102TA	BUILDING, LIGHWEIGHT STEEL PANEL 30X150FT, 6 WINDOWS AND 3 3 PERSONEL DOORS				23	85	79	187
93102TB	BUILDING, LIGHTWEIGHT STEEL PANEL 50X130X14FT, 4 WINDOWS, 2 PERSONEL DOORS AND 2 VEHICLE DOORS				29	112	105	246
93111AA	BARRACKS TYPE,WOOD FRAME W/WOOD ROOF,ASPHALT ROOFING AND PLYWOOD SIDING,LINED FOR TEMPERATE CLIMAT,BASIC BUILDING, ONE STORY,20FT W X 20FT L,CONCRETE FLOOR,CONCRETE FOOTINGS, 8FT MIN CLEARANCE	10	11	1,883	23	136	37	196

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93111AB	BARRACKS TYPE,WOOD FRAME W/WOOD ROOF,ASPHALT ROOFING AND PLYWOOD SIDING,LINED FOR TEMPERATE CLIMATE,ADDITIONAL BAY, ONE STORY,20FT W X 10FT L,CONCRETE FLOOR,CONCRETE FOOTINGS, 8FT MIN CLEARANCE	4	5	728	2	38	14	54
93111AC	BARRACKS TYPE,WOOD FRAME W/WOOD ROOF,ASPHALT ROOFING AND PLYWOOD SIDING,INSULATED CEILING FOR TROPIC CLIMATE,BASIC BUILDING,ONE STORY,20FT W X 20FT L,CONCRETE FLOOR,CONCRETE FOOTINGS,8FT MIN CLEARANCE	12	14	2,401	23	131	37	191
93111AD	BARRACKS TYPE,WOOD FRAME W/WOOD ROOF,ASPHALT ROOFING AND PLYWOOD SIDING,INSULATED CEILING FOR TROPIC CLIMATE, ADDITIONAL BAY,ONE STORY,20FT X 10FT L,CONCRETE FLOOR, CONCRETE FOOTINGS,8FT MIN CLEARANCE	5	6	1,095	2	41	14	57
93111AE	FRAME ROOF & FOUNDATION WOOD FRAME CONSTRUCTION BARRACKS TYPE,BASIC BUILDING, 30FT WX 40FT L,WOOD & ASPH ROOFING, CONCRETE FOUNDATION,8FT MIN CLEARANCE	27	29	3,934	32	322	62	416
93111AF	FRAME ROOF & FOUNDATION WOOD FRAME CONSTRUCTION BARRACKS TYPE,ADDITIONAL 10FT BAY FOR 30FT WIDE BLDG,WOOD & FELT ROOFING,CONCRETE FOUNDATION,8FT MIN CLEARANCE	6	7	924	2	75	14	91
93111AG	FRAME ROOF & FOUNDATION WOOD FRAME CONSTRUCTION BARRACKS TYPE,BASIC BUILDING, 30FT WX 40FT L,CORRUGATED STEEL ROOF, CONCRETE FOUNDATION,8FT MIN CLEARANCE	9	13	2,083	32	357	62	451
93111AH	FRAME ROOF & FOUNDATION WOOD FRAME CONSTRUCTION BARRACKS TYPE,ADDITIONAL 10FT BAY FOR 30FT WIDE BLDG,CORRUGATED STEEL ROOF,CONCRETE FOUNDATION,8FT MIN CLEAR	4	6	915	2	67	14	83
93111AJ	BARRACKS TYPE,WOOD FRAME W/WOOD ROOF,ASPHALT ROOFING AND PLYWOOD SIDING,LINED FOR TEMPERATE CLIMATE,BASIC BUILDING, ONE STORY,40FT W X 50FT L,CONCRETE FLOOR,CONCRETE FOOTINGS,8FT MIN CLEARANCE	42	44	5,872	37	501	110	648
93111AL	BARRACKS TYPE,WOOD FRAME W/WOOD ROOF,ASPHALT ROOFING AND PLYWOOD SIDING,INSULATED CEILING FOR TROPIC CLIMATE,BASIC BUILDING,ONE STORY,20FT W X 20FT L,WOOD FLOOR,CONCRETE FOOTINGS,8FT MIN CLEARANCE	10	15	2,739	37	504	110	651

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DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS NOR	VERT	GENL	TOT
93111AM	BARRACKS TYPE,WOOD FRAME W/WOOD ROOF,ASPHALT ROOFING AND PLYWOOD SIDING,INSULATED CEILING FOR TROPIC CLIMATE, ADDITIONAL BAY,ONE STORY,20FT W X 10FT L,WOOD FLOOR,CONC FOOTINGS,8FT MIN CLEARANCE	4	7	1,279	2	107	18	127
93111AN	BARRACKS TYPE,WOOD FRAME W/WOOD ROOF,ASPHALT ROOFING AND PLYWOOD SIDING,LINED FOR TEMPERATE CLIMATE,BASIC BUILDING, ONE STORY,20FT W X 20FT L, WOOD FLOOR, WOOD FOOTINGS,8FT MIN CLEARANCE	7	12	2,029	2	106	5	113
93111AW	BARRACKS TYPE,WOOD FRAME W/WOOD ROOF,ASPHALT ROOFING AND PLYWOOD SIDING,INSULATED CEILING FOR TROPIC CLIMATE,BASIC BUILDING,ONE STORY,30FT W X 40FT L,WOOD FLOOR,CONCRETE FOOTINGS,8FT MIN CLEARANCE	23	35	6,199	3	97	16	116
93111AY	BARRACKS TYPE,WOOD FRAME W/WOOD ROOF,ASPHALT ROOFING AND PLYWOOD SIDING,INSULATED CEILING FOR TROPIC CLIMATE, ADDITIONAL BAY,ONE STORY,30FT W X 10FT L,WOOD FLOOR,CONC FOOTINGS,8FT MIN CLEARANCE	5	8	1,546	5	140	18	163
93111BA	BARRACKS TYPE,WOOD FRAME W/WOOD ROOF,ASPHALT ROOFING AND PLYWOOD SIDING,LINED FOR TEMPERATE CLIMATE,BASIC BUILDING, ONE STORY,30FT W X 40FT L, WOOD FLOOR, WOOD FOOTINGS,8FT MIN CLEARANCE	17	27	4,748	5	189	18	212
93111BB	BARRACKS TYPE,WOOD FRAME W/WOOD ROOF,ASPHALT ROOFING AND PLYWOOD SIDING,LINED FOR TEMPERATE CLIMATE,ADDITIONAL BAY, ONE STORY,30FT W X 10FT L, WOOD FLOOR, WOOD FOOTINGS,8FT MIN CLEARANCE	4	6	1,122	3	104	16	123
93111BC	BARRACKS TYPE,WOOD FRAME W/WOOD ROOF,ASPHALT ROOFING AND PLYWOOD SIDING,INSULATED CEILING FOR TROPIC CLIMATE,BASIC BUILDING,ONE STORY,30FT W X 40FT L,WOOD FLOOR,WOOD FOOTINGS,8FT MIN CLEARANCE	20	32	6,157	5	130	18	173
93111BD	BARRACKS TYPE,WOOD FRAME W/WOOD ROOF,ASPHALT ROOFING AND PLYWOOD SIDING,INSULATED CEILING FOR TROPIC CLIMATE, ADDITIONAL BAY,ONE STORY,30FT W X 10FT L,WOOD FLOOR,WOOD FOOTINGS,8FT MIN CLEARANCE	5	8	1,544	5	196	18	219

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93111BE	BARRACKS TYPE,WOOD FRAME W/WOOD ROOF,ASPHALT ROOFING AND PLYWOOD SIDING,INSULATED CEILING FOR TROPIC CLIMATE,BASIC BUILDING,ONE STORY,30FT W X 40FT L,CONC FLOOR,CONCRETE FOOTINGS,8FT MIN CLEARANCE	29	33	5,327	5	131	18	154
93111BF	BARRACKS TYPE,WOOD FRAME W/WOOD ROOF,ASPHALT ROOFING AND PLYWOOD SIDING,INSULATED CEILING FOR TROPIC CLIMATE, ADDITIONAL BAY,ONE STORY,30FT W X 40FT L,CONC FLOOR,CONC FOOTINGS,8FT MIN CLEARANCE	7	8	1,365	2	64	5	71
93111BG	BARRACKS TYPE,WOOD FRAME W/WOOD ROOF,ASPHALT ROOFING AND PLYWOOD SIDING,INSULATED CEILING FOR TROPIC CLIMATE,BASIC BUILDING,ONE STORY,40FT W X 50FT L,CONCRETE FLOOR,CONCRETE FOOTINGS,8FT MIN CLEARANCE	45	49	7,915	2	46	5	53
93111DA	FRAME ROOF & FOUNDATION WOOD FRAME CONSTRUCTION WAREHOUSE TYPE,BASIC BUILDING 32FT WX32FT L,WOOD ROOF & ASPH ROOFING CONCRETE FOOTINGS,TEMPERATE CLIMATE,13FT 9IN MIN CLEARANCE	28	29	3,330	23	258	46	327
93111DB	FRAME ROOF & FOUNDATION WOOD FRAME CONSTRUCTION WAREHOUSE TYPE,BASIC BUILDING 32FT W X 32FT L,WOOD ROOF AND ASPHALT ROOFING,CONCRETE FOOTINGS,TROPICAL CLIMATE,13FT 9IN MIN CLEARANCE	30	32	4,280	23	242	46	311
93111DC	FRAME ROOF & FOUNDATION WOOD FRAME CONSTRUCTION WAREHOUSE TYPE,ADDITIONAL 16FT BAY FOR 32FT WIDE BLDG,WOOD ROOF AND ASPHALT ROOFING,CONCRETE FOOTINGS,TEMPERATE CLIMATE,13FT 9IN MIN CLEARANCE	14	15	1,788	7	138	32	177
93111DD	FRAME ROOF & FOUNDATION WOOD FRAME CONSTRUCTION WAREHOUSE TYPE,ADDITIONAL 16FT BAY FOR 32FT WIDE BLDG,WOOD ROOF AND ASPHALT ROOFING,CONCRETE FOOTINGS,TROPICAL CLIMATE,13FT 9IN MIN CLEARANCE	15	16	2,254	7	133	32	172
93111DE	FRAME ROOF & FOUNDATION WOOD FRAME CONSTRUCTION WAREHOUSE TYPE,BASIC BUILDING 48FT WX32FT L,WOOD ROOF & ASPH ROOFING CONCRETE FOOTINGS,TEMPERATE CLIMATE,13FT 9IN MIN CLEARANCE	40	41	4,487	23	389	55	467

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DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93111DF	FRAME ROOF & FOUNDATION WOOD FRAME CONSTRUCTION WAREHOUSE TYPE,BASIC BUILDING 48FT W X 32FT L,WOOD ROOF AND ASPHALT ROOFING,CONCRETE FOOTINGS,TROPICAL CLIMATE,13FT 9IN MIN CLEARANCE	43	46	6,096	23	382	55	460
93111DG	FRAME ROOF & FOUNDATION WOOD FRAME CONSTRUCTION WAREHOUSE TYPE,ADDITIONAL 16FT BAY FOR 48FT WIDE BLDG,WOOD ROOF & ASPH ROOFING,CONCRETE FOOTINGS,13FT 9IN MIN CLEARANCE TEMPERATE CLIMATE	19	19	2,143	7	197	51	255
93111DH	FRAME ROOF & FOUNDATION WOOD FRAME CONSTRUCTION WAREHOUSE TYPE,ADDITIONAL 16FT BAY FOR 48FT WIDE BLDG,WOOD ROOF AND ASPHALT ROOFING,CONCRETE FOOTINGS,TROPICAL CLIMATE,13FT 9IN MIN CLEARANCE	20	21	2,769	7	173	51	231
93111DJ	FRAME ROOF & FOUNDATION WOOD FRAME CONSTRUCTION WAREHOUSE TYPE,BASIC BUILDING 64FT WX32FT L,WOOD ROOF & ASPH ROOFING CONCRETE FOOTINGS,TEMPERATE CLIMATE,13FT 9IN MIN CLEARANCE	54	54	6,114	28	490	69	587
93111DK	FRAME ROOF & FOUNDATION WOOD FRAME CONSTRUCTION WAREHOUSE TYPE,BASIC BUILDING 64FT W X 32FT L,WOOD ROOF AND ASPHALT ROOFING,CONCRETE FOOTINGS,TROPICAL CLIMATE,13FT 9IN MIN CLEARANCE	57	60	7,860	28	478	69	575
93111DL	FRAME ROOF & FOUNDATION WOOD FRAME CONSTRUCTION WAREHOUSE TYPE,ADDITIONAL 16FT BAY FOR 64FT WIDE BLDG,WOOD ROOF & ASPH ROOFING,CONCRETE FOOTINGS,13FT 9IN MIN CLEARANCE TEMPERATE CLIMATE	24	23	2,495	7	260	69	336
93111DM	FRAME ROOF & FOUNDATION WOOD FRAME CONSTRUCTION WAREHOUSE TYPE,ADDITIONAL 16FT BAY FOR 64FT WIDE BLDG,WOOD ROOF AND ASPHALT ROOFING,CONCRETE FOOTINGS,TROPICAL CLIMATE,13FT 9IN MIN CLEARANCE	25	26	3,232	7	246	69	322
93111DN	FRAME ROOF & FOUNDATION WOOD FRAME CONSTRUCTION WAREHOUSE TYPE,BASIC BUILDING 80FT WX32FT L,WOOD ROOF & ASPH ROOFING CONCRETE FOOTINGS,TEMPERATE CLIMATE,13FT 9IN MIN CLEARANCE	65	65	7,079	28	589	83	700

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DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93111DP	FRAME ROOF & FOUNDATION WOOD FRAME CONSTRUCTION WAREHOUSE TYPE,BASIC BUILDING 80FT W X 32FT L,WOOD ROOF AND ASPHALT ROOFING,CONCRETE FOOTINGS,TROPICAL CLIMATE,13FT 9IN MIN CLEARANCE	69	73	9,438	28	580	83	691
93111DR	FRAME ROOF & FOUNDATION WOOD FRAME CONSTRUCTION WAREHOUSE TYPE,ADDITIONAL 16FT BAY FOR 80FT WIDE BLDG,WOOD ROOF & ASPH ROOFING,CONCRETE FOOTINGS,13FT 9IN MIN CLEARANCE TEMPERATE CLIMATE	29	28	2,851	9	316	81	404
93111DT	FRAME ROOF & FOUNDATION WOOD FRAME CONSTRUCTION WAREHOUSE TYPE,ADDITIONAL 16FT BAY FOR 80FT WIDE BLDG,WOOD ROOF AND ASPHALT ROOFING,CONCRETE FOOTINGS,TROPICAL CLIMATE,13FT 9IN MIN CLEARANCE	31	31	3,746	9	301	81	391
93111DU	FRAME ROOF & FOUNDATION WOOD FRAME CONSTRUCTION WAREHOUSE TYPE,BASIC BUILDING 96FT WX32FT L,WOOD ROOF & ASPH ROOFING CONCRETE FOOTINGS,TEMPERATE CLIMATE,13FT 9IN MIN CLEARANCE	78	78	8,380	28	702	97	827
93111DV	FRAME ROOF & FOUNDATION WOOD FRAME CONSTRUCTION WAREHOUSE TYPE,BASIC BUILDING 96FT W X 32FT L,WOOD ROOF AND ASPHALT ROOFING,CONCRETE FOOTINGS,TROPICAL CLIMATE,13FT 9IN MIN CLEARANCE	82	86	10,987	28	681	97	806
93111DW	FRAME ROOF & FOUNDATION WOOD FRAME CONSTRUCTION WAREHOUSE TYPE,ADDITIONAL 16FT BAY FOR 96FT WIDE BLDG,WOOD ROOF & ASPH ROOFING,CONCRETE FOOTINGS,13FT 9IN MIN CLEARANCE TEMPERATE CLIMATE	34	32	3,222	9	369	101	479
93111DY	FRAME ROOF & FOUNDATION WOOD FRAME CONSTRUCTION WAREHOUSE TYPE,ADDITIONAL 16FT BAY FOR 96FT WIDE BLDG,WOOD ROOF AND ASPHALT ROOFING,CONCRETE FOOTINGS,TROPICAL CLIMATE,13FT 9IN MIN CLEARANCE	35	35	4,229	9	361	101	471
93111LW	SLIDING DOOR;FOR OPENING 10FT WIDE X12FT HIGH;DOOR-IN-PAIR W/DOUBLE TRACK;WOOD FRAME WAREHOUSE TYPE BLDGS.	1	1	205		18	9	27

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93111LV	SLIDING DOOR;FOR OPENING 10 OR 12FT WIDE X12FT HIGH;ONE PANEL W/SINGLE TRACK;WOOD FRAME WAREHOUSE TYPE BLDGS.	1	1	122		14	7	21
93111MN	FRAME ROOF & FOUNDATION WOOD FRAME CONSTRUCTION SHOP TYPE BASIC BUILDING 100FT WS 100FT WOOD ROOF &ASPH ROOFING; CONCRETE FOUNDATION; 20FT MIN CLEARANCE; TEMPERATE	111	142	32,250				
93111MP	FRAME ROOF + FOUNDATION WOOD FRAME CONSTRUCTION SHOP TYPE BASIC BUILDING 100FT W X 100FT L,CORRUGATED STEEL ROOF, CONCRETE FOUNDATION 20FT MIN CLEARANCE,TROPIC	97	111	29,034				
93111MR	FRAME ROOF & FOUNDATION WOOD FRAME CONSTRUCTION SHOP TYPE ADDITIONAL 20FT BAY FOR 100FT WIDE BLDG;WOOD ROOF & ASPH ROOFING; CONCRETE FOUNDATION 20FT MIN CLEARANCE; TEMPERATE.	19	24	5,507				
93111MT	FRAME ROOF < FOUNDATION WOOD FRAME CONSTRUCTION SHOP TYPE ADDITIONAL 20FT BAY FOR 100FT WIDE BLDG CORRUGATED STEEL ROOF; CONCRETE FOUNDATION; 20FT MIN CLEARANCE; TROPICAL	17	21	5,452				
93111MU	FRAME ROOF < FOUNDATION WOOD FRAME CONSTRUCTION SHOP TYPE BASIC BUILDING 140FT WX 140FT L; WOOD ROOF < ASPH ROOFING; CONCRETE FOUNDATION; 20FT MIN CLEARANCE; TEMPERATE	212	264	58,755				
93111MV	FRAME ROOF < FOUNDATION WOOD FRAME CONSTRUCTION SHOP TYPE BASIC BUILDING 140FT WX 140FT L; CORRUGATED STEEL ROOF; CONCRETE FOUNDATION; 20FT MIN CLEARANCE; TROPICAL	159	190	49,230				
93111MW	FRAME ROOF < FOUNDATION WOOD FRAME CONSTRUCTION SHOP TYPE ADDITIONAL 20FT BAY FOR 140FT WIDE BLDG; WOOD ROOF < ASPH ROOFING; CONCRETE FOUNDATION 20FT MIN CLEARANCE; TEMPERATE.	26	33	7,450				
93111MY	FRAME ROOF < FOUNDATION WOOD FRAME CONSTRUCTION SHOP TYPE ADDITIONAL 20FT BAY FOR 140 FT WIDE BLDG;CORRUGATED STEEL ROOF; CONCRETE FOUNDATION; 20FT MIN CLEARANCE; TROPICAL	19	26	6,926				
93111NA	FRAME ROOF AND FOUNDATION WOOD FRAME CONSTRUCTION SHOP TYPE BASIC LEAN-TO 20 FT W X 20 FT L; WOOD ROOF AND ASPHALT ROOFING; CONCRETE FOUNDATION; 14FT 6IN MIN CLEARANCE;TEMP	30	26	34,127				

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93111ND	FRAME ROOF AND FOUNDATION WOOD FRAME CONSTRUCTION SHOP TYPE ADDITIONAL 20FT BAY FOR 20 FT W LEAN-TO; WOOD ROOF AND ASPH ROOFING; CONCRETE FOUNDATION; 14FT 6IN MIN CLEARANCE;TROP	15	13	17,043				
93111NE	FRAME ROOF AND FOUNDATION WOOD FRAME CONSTRUCTION SHOP TYPE BASIC LEAN-TO 40 FT W X 20 FT L; WOOD ROOF AND ASPHALT ROOFING; CONCRETE FOUNDATION; 14FT 6IN MIN CLEARANCE;TEMP	58	50	67,126				
93111NF	FRAME ROOF AND FOUNDATION WOOD FRAME CONSTRUCTION SHOP TYPE BASIC LEAN-TO 40 FT W X 20 FT L; WOOD ROOF AND ASPHALT ROOFING; CONCRETE FOUNDATION; 14FT 6IN MIN CLEARANCE;TROP	59	50	67,206				
93111NG	FRAME ROOF AND FOUNDATION WOOD FRAME CONSTRUCTION SHOP TYPE ADDITIONAL 20FT BAY FOR 40FT W LEAN-TO; WOOD ROOF AND ASPH ROOFING; CONCRETE FOUNDATION; 14FT 6IN MIN CLEARANCE;TEMP	26	21	32,695				
93111NH	FRAME ROOF AND FOUNDATION WOOD FRAME CONSTRUCTION SHOP TYPE ADDITIONAL 20FT BAY FOR 40FT W LEAN-TO; WOOD ROOF AND ASPH ROOFING; CONCRETE FOUNDATION; 14FT 6IN MIN CLEARANCE;TROP	26	22	32,468				
93111NJ	SMOKE JACK FOR RAILROAD STEAM ENGINE HOUSE							
93111NK	TEN TON CRANE SUPPORT							
93111PA	FLOOR CONCRETE W/O REINFORCING 2 IN THICK 1000 SF ALL TYPE BUILDINGS	4	2	84	2	16	28	46
93111PB	FLOOR CONCRETE W/O REINFORCING 4 IN THICK 1000 SF ALL TYPE BUILDINGS	7	5	160	2	29	51	82
93111PC	FLOOR CONCRETE W/6X6 MESH REINFORCING 6 INCH THICK 1000 SF ALL TYPE BUILDING	11	8	373	3	37	67	107
93111PD	CLADDING CORRUGATED STEE W/DOORS & WINDOWS 100 FT PERIMETER OF BLDG,8FT HIGH, BARRACKS TYPE BLDG, WOOD FRAME CONST	1	1	503	2	87	5	94

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93111PE	CLADDING CORRUGATED STEE W/DOORS SCREENED OPENINGS & VENTS,100 FT PERIMETER OF BLDG,8FT HIGH,BARRACKS TYPE BLDG,WOOD FRAME CONST	2	2	686	2	127	5	134
93111PF	CLADDING COORUGATED STEEL W/DOORS & WINDOWS 100 FT PERIMETER OF BLDG,13FT-9IN HIGH,WAREHOUSE TYPE BLDG,WOOD FRAME CONST.	3	5	835	5	113	28	146
93111PG	CLADDING COORUGATED STEEL W/DOORS SCREENED OPENINGS & VENTS,100 FT PERIMETER OF BLDG,13FT-9IN HIGH,WAREHOUSE TYPE BLDG,WOOD FRAME CONST	3	5	805	5	140	28	173
93111PH	LINER REFLECTIVE TYPE INSULATION FOR CEILING 1000 SF AREA COVERED,WOOD FRAME WAREHOUSE TYPE BLDGS.	1	1	484	2	37	5	44
93111RA	WOOD COLUMN FOR CORE MODULE WITH CONCRETE FOUNDATION ALL CLIMATES	9	7	1,240	2	26	2	30
93111RB	WOOD COLUMN FOR VEHICLE BAY MODULE WITH CONCRETE FOUNDATION ALL CLIMATES	10	7	1,288	2	26	5	33
93111RC	20 FOOT LONG WOOD WALL FOR CORE MODULE WITH CONCRETE FOUNDATION, WINDOWS, DOORS, CLADDING, INSULATION DESERT/TROPIC CLIMATES	24	21	1,819	20	334	66	420
93111RD	60 FOOT LONG WOOD WALL FOR VEHICLE BAY MODULE WITH CONCRETE FOUNDATION, WINDOWS, DOORS, CLADDING, INSULATION DESERT/TROPIC CLIMATES	71	76	4,914	83	946	240	1,269
93111RE	60 FOOT LONG WOOD WALL FOR CORE MODULE WITH CONCRETE FOUNDATION, WINDOWS, DOORS, CLADDING, INSULATION DESERT/TROPIC CLIMATES	73	70	8,451	69	863	197	1,129
93111RF	20 FOOT LONG WOOD WALL FOR VEHICLE BAY MODULE WITH CONCRETE FOUNDATION, WINDOWS, DOORS, CLADDING, INSULATION DESERT/TROPIC CLIMATES	36	32	4,142	28	315	81	424

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93111RG	WOOD ROOF FRAMING FOR 1200S.F. INTERIOR BAY OR CORE MODULE WITH DECKING, ROOFING, INSULATION DESERT/TROPIC CLIMATES	8	27	3,359	24	393	76	493
93111RH	COMPLETER SET FOR WOOD ROOF FRAMING FOR END BAY MODULE WITH DECKING, ROOFING, INSULATION (USED WITH 93111RG FOR END SUBFACILITIES ONLY) DESERT/TROPIC CLIMATES	3	2	3,049	6	13	13	32
93111RJ	6 INCH CONCRETE FLOOR SLAB FOR VEHICLE BAY MODULE, 1200S.F. AREA ALL CLIMATES	199	135	1,360	14	3	6	23
93111RK	4 INCH CONCRETE FLOOR SLAB FOR CORE MODULE, 1200S.F.AREA ALL CLIMATES	133	90	942	14	3	6	23
93111RL	VEHICLE BAY END MODULE-WOOD FRAME CONSTRUCTION, CONCRETE FLOOR AND FOUNDATIONS, WOOD CLADDING AND ROOF DECK, OPEN ONE SIDE, ONE COLUMN TEMPERATE/FRIGID CLIMATES	364	328	26,506	132	1,305	353	1,790
93111RM	VEHICLE BAY END MODULE-WOOD FRAME CONSTRUCTION, CONCRETE FLOOR AND FOUNDATIONS, WOOD CLADDING AND ROOF DECK, OPEN ONE SIDE, TWO COLUMNS TEMPERATE/FRIGID CLIMATES	374	335	27,794	138	1,332	348	1,818
93111RN	VEHICLE BAY END MODULE-WOOD FRAME CONSTRUCTION, CONCRETE FLOOR AND FOUNDATIONS, WOOD CLADDING AND ROOF DECK, CLOSED ALL SIDES, TWO COLUMNS TEMPERATE/FRIGID CLIMATES	445	411	32,708	217	2,277	589	3,083
93111RP	1200 SQUARE FOOT CORE END MODULE-WOOD FRAME CONSTRUCTION, CONCRETE FLOOR AND FOUNDATIONS, WOOD CLADDING AND ROOF DECK , OPEN ONE SIDE, ONE COLUMN TEMPERATE/FRIGID CLIMATES	275	248	23,070	135	1,632	368	2,135
93111RR	1200 SQUARE FOOT CORE INTERIOR MODULE-WOOD FRAME CONSTRUCTION, CONCRETE FLOOR AND FOUNDATIONS, WOOD CLADDING AND ROOF DECK, OPEN TWO SIDES, ONE COLUMN TEMPERATE/FRIGID CLIMATES	199	176	11,570	60	757	159	976

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93111RT	1200 SQUARE FOOT CORE END MODULE-WOOD FRAME CONSTRUCTION, CONCRETE FLOOR AND FOUNDATIONS, WOOD CLADDING AND WOOD ROOF DECKING, OPEN ONE SIDE, TWO COLUMNS TEMPERATE/FRIGID CLIMATES	357	325	32,761	206	1,026	567	1,799
93111RU	VEHICLE BAY INTERIOR MODULE-WOOD FRAME CONSTRUCTION, CONCRETE FLOOR AND FOUNDATIONS, WOOD CLADDING AND ROOF DECKING, OPEN TWO SIDES, ONE COLUMN TEMPERATE/FRIGID CLIMATES	290	244	16,983	68	715	176	959
93111RV	VEHICLE BAY END MODULE-WOOD FRAME CONSTRUCTION, CONCRETE FLOOR AND FOUNDATIONS, WOOD CLADDING AND ROOF DECK, OPEN ONE SIDE, ONE COLUMN DESERT/TROPIC CLIMATES	363	311	22,254	132	1,304	344	1,780
93111RW	VEHICLE BAY END MODULE-WOOD FRAME CONSTRUCTION,FOUNDATIONS, WOOD CLADDING AND ROOF DECK, OPEN ONE SIDE ONLY, TWO COLUMNS DESERT/TROPIC CLIMATE	373	318	23,542	135	1,331	348	1,814
93111RY	VEHICLE BAY END MODULE-WOOD FRAME CONSTRUCTION,FOUNDATIONS, WOOD CLADDING AND ROOF DECK, OPEN ONE SIDE, TWO COLUMNS DESERT/TROPIC CLIMATES	444	394	28,456	217	2,277	589	3,083
93111TA	1200 SQUARE FOOT CORE END MODULE-WOOD FRAME CONSTRUCTION, CONCRETE FLOOR AND FOUNDATIONS, WOOD CLADDING AND ROOF DECK , OPEN ONE SIDE, ONE COLUMN DESERT/TROPIC CLIMATES	274	238	20,679	135	1,632	359	2,126
93111TB	1200 SQUARE FOOT CORE INTERIOR MODULE-WOOD FRAME CONSTRUCTION, CONCRETE FLOOR AND FOUNDATIONS, WOOD CLADDING AND ROOF DECK, OPEN TWO SIDES, ONE COLUMN DESERT/TROPIC CLIMATES	198	166	9,179	60	757	150	967
93111TC	1200 SQUARE FOOT CORE END MODULE-WOOD FRAME CONSTRUCTION, CONCRETE FLOOR AND FOUNDATIONS, WOOD CLADDING AND WOOD ROOF DECKING, OPEN ONE SIDE, TWO COLUMNS DESERT/TROPIC CLIMATES	356	315	30,370	206	1,026	558	1,790

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TO
93111TD	VEHICLE BAY INTERIOR MODULE-WOOD FRAME CONSTRUCTION, CONCRETE FLOOR AND FOUNDATIONS, WOOD CLADDING AND ROOF DECKING, OPEN TWO SIDES, ONE COLUMN DESERT/TROPIC CLIMATES	289	233	14,291	68	715	167	95
93111TE	CORE-1200S.F.-ADDITIONAL WALL INSULATION FOR MAX."U"=0.1 TEMPERATE/FRIGID CLIMATES	1	10	2,391		1	9	1
93111TF	CORE-2400S.F.-ADDITIONAL WALL INSULATION FOR MAX."U"=0.1 TEMPERATE/FRIGID CLIMATES	1	14	3,338		1	9	1
93111TG	REPAIR BAY-ADDITIONAL SIDE WALL INSULATION FOR MAX."U"=0.1 TEMPERATE/FRIGID CLIMATES	1	11	2,692		1	9	1
93111TH	REPAIR BAY-ADDITIONAL END WALL INSULATION FOR MAX."U"=0.1 TEMPERATE/FRIGID CLIMATES		6	1,360		1	9	1
93112AA	PANELIZED WOOD BLDGS 12 FT WIDE DESSERT/TROPICAL, COMPLETE CONCRETE FLOOR BLDG, 24 FT LONG.	11	6	1,641	16	200	118	33
93112AC	PANELIZED WOOD BLDGS 12 FT WIDE DESSERT/TROPICAL, COMPLETE CONCRETE STEMWALL FTG, X 24 FT LONG.	12	13	3,179	18	213	124	35
93112AE	PANELIZED WOOD BLDGS 12 FT WIDE DESSERT/TROPICAL, COMPLETE WOOD FLOOR BLDG, X 24 FT LONG.	10	9	6,247	17	266	116	39
93112AH	BUILDING SUPERSTRUCTURE FOR 12X24 FOOT PANELIZED WOOD BUILDING	3	7	1,603	5	100	44	14
93112BA	PANELIZED WOOD BLDGS 24 FT WIDE DESERT/TROPICAL, COMPLETE CONCRETE FLOOR BLDG, X 24 FT LONG.	25	27	5,342	22	381	213	61
93112BB	PANELIZED WOOD BLDGS 24 FT WIDE DESERT/TROPICAL, COMPLETE CONCRETE FLOOR BLDG, X 36 FT LONG.	36	37	6,638	29	526	238	79
93112BC	PANELIZED WOOD BLDGS 24 FT WIDE DESERT/TROPICAL, COMPLETE CONCRETE FLOOR BLDG, X 48 FT LONG.	46	46	7,935	40	590	346	97

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93112BD	PANELIZED WOOD BLDGS 24 FT WIDE DESERT/TROPICAL, COMPLETE CONCRETE FLOOR BLDG, X 60 FT LONG.	56	55	9,231	48	695	413	1,156
93112BL	24 FT WIDE DESERT/TROPICAL COMPLETE ROOF ASSEMBLY END BAY, PANELIZED WOOD BUILDING.	2	5	987	1	68	31	100
93112BM	24 FT WIDE DESERT/TROPICAL COMPLETE ROOF ASSEMBLY INTERIOR BAY,PANELIZED WOOD BUILDING.	1	4	326	1	54	28	83
93112BN	24 FT WIDE WALL ASSEMBLY END BAY,PANELIZED WOOD BUILDING.	1	4	936	2	81	35	118
93112BP	24 FT WIDE WALL ASSEMBLY INTERIOR BAY,PANELIZED WOOD BUILDING.	1	1	572	1	28	13	42
93112CA	PANELIZED WOOD BLDGS 24 FT WIDE DESERT/TROPICAL, COMPLETE WOOD FLOOR BLDG, X 24 FT LONG.	20	22	13,698	28	599	273	900
93112CB	PANELIZED WOOD BLDGS 24 FT WIDE DESERT/TROPICAL, COMPLETE WOOD FLOOR BLDG, X 36 FT LONG.	25	27	16,328	36	784	360	1,180
93112CC	PANELIZED WOOD BLDGS 24 FT WIDE DESERT/TROPICAL, COMPLETE WOOD FLOOR BLDG, X 48 FT LONG.	30	32	19,966	46	986	458	1,490
93112CD	PANELIZED WOOD BLDGS 24 FT WIDE DESERT/TROPICAL, COMPLETE WOOD FLOOR BLDG, X 60 FT LONG.	34	35	22,280	54	1,179	552	1,785
93112DA	PANELIZED WOOD BLDGS 36 FT WIDE X 40 FT LONG X 8 FT HIGH, DESERT/TROPICAL. COMPLETE CONCRETE FLOOR BLDG.	136	638	49,927	47	416	429	892
93112DB	PANELIZED WOOD BLDGS 36 FT WIDE X 60 FT LONG X 8 FT HIGH, DESERT/TROPICAL. COMPLETE CONCRETE FLOOR BLDG.	203	961	75,176	67	590	546	1,203
93112DC	PANELIZED WOOD BLDGS 36 FT WIDE X 80 FT LONG X 8 FT HIGH, DESERT/TROPICAL. COMPLETE CONCRETE FLOOR BLDG.	270	1,284	100,425	87	765	665	1,917
93112DD	PANELIZED WOOD BLDGS 36 FT WIDE X 100 FT LONG X 8 FT HIGH, DESERT/TROPICAL, COMPLETE CONCRETE FLOOR BLDG.	337	1,607	125,674	106	937	783	1,826

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93112DE	PANELIZED WOOD BLDGS 36 FT WIDE X 120 FT LONG X 8 FT HIGH, DESERT/TROPICAL. COMPLETE CONCRETE FLOOR BLDG.	404	1,930	150,923	128	1,111	900	2,139
93112DF	PANELIZED WOOD BLDGS 36 FT WIDE X 40 FT LONG X 12 FT HIGH, DESERT/TROPICAL. COMPLETE CONCRETE FLOOR BLDG.	136	646	50,887	47	637	388	1,072
93112DG	PANELIZED WOOD BLDGS 36 FT WIDE X 60 FT LONG X 12 FT HIGH, DESERT/TROPICAL. COMPLETE CONCRETE FLOOR BLDG.	204	973	76,729	66	846	531	1,441
93112DH	PANELIZED WOOD BLDGS 36 FT WIDE X 80 FT LONG X 12 FT HIGH, DESERT/TROPICAL. COMPLETE CONCRETE FLOOR BLDG.	272	1,300	102,571	87	1,055	673	1,815
93112DJ	PANELIZED WOOD BLDGS 36 FT WIDE X 100 FT LONG X 12 FT HIGH, DESERT/TROPICAL. COMPLETE CONCRETE FLOOR BLDG.	340	1,627	128,413	99	1,262	815	2,176
93112DK	PANELIZED WOOD BLDGS 36 FT WIDE X 120 FT LONG X 12 FT HIGH, DESERT/TROPICAL. COMPLETE CONCRETE FLOOR BLDG.	408	1,954	154,255	128	1,470	959	2,557
93112DW	36 FT WIDE DESSERT/TROPICAL COMPLETE ROOF ASSEMBLY END BAY, PANELIZED WOOD BUILDING	43	303	21,950	2	102	58	162
93112DY	36 FT WIDE DESSERT/TROPICAL COMPLETE ROOF ASSEMBLY INTERIOR BAY, PANELIZED WOOD BUILDING.	46	312	23,915	2	84	40	126
93112EA	PANELIZED WOOD BLDGS 36 FT WIDE X 40 FT LONG X 8 FT HIGH, DESERT/TROPICAL. COMPLETE WOOD FLOOR BLDG	110	620	60,042	31	719	477	1,227
93112EB	PANELIZED WOOD BLDGS 36 FT WIDE X 60 FT LONG X 8 FT HIGH, DESERT/TROPICAL. COMPLETE WOOD FLOOR BLDG	162	935	90,127	40	1,052	622	1,714
93112EC	PANELIZED WOOD BLDGS 36 FT WIDE X 80 FT LONG X 8 FT HIGH, DESERT/TROPICAL. COMPLETE WOOD FLOOR BLDG	214	1,250	120,212	49	1,381	771	2,201
93112ED	PANELIZED WOOD BLDGS 36 FT WIDE X 100 FT LONG X 8 FT HIGH, DESERT/TROPICAL. COMPLETE WOOD FLOOR BLDG	266	1,565	150,298	59	1,724	907	2,690
93112EE	PANELIZED WOOD BLDGS 36 FT WIDE X 120 FT LONG X 8 FT HIGH, DESERT/TROPICAL. COMPLETE WOOD FLOOR BLDG	318	1,880	180,383	67	2,045	1,065	3,177

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	CONSTRUCTION MATERIAL COST $	CONST EFFORT IN MAN-HOURS HOR	CONST EFFORT IN MAN-HOURS VERT	CONST EFFORT IN MAN-HOURS GENL	CONST EFFORT IN MAN-HOURS TOT
93112EF	PANELIZED WOOD BLDGS 36 FT WIDE X 40 FT LONG X 12 FT HIGH, DESERT/TROPICAL. COMPLETE WOOD FLOOR BLDG	110	622	60,738	31	917	400	1,348
93112EG	PANELIZED WOOD BLDGS 36 FT WIDE X 60 FT LONG X 12 FT HIGH, DESERT/TROPICAL. COMPLETE WOOD FLOOR BLDG	163	938	91,284	40	1,270	554	1,864
93112EH	PANELIZED WOOD BLDGS 36 FT WIDE X 80 FT LONG X 12 FT HIGH, DESERT/TROPICAL. COMPLETE WOOD FLOOR BLDG	216	1,254	121,702	49	1,625	708	2,382
93112EJ	PANELIZED WOOD BLDGS 36 FT WIDE X 100 FT LONG X 12 FT HIGH, DESERT/TROPICAL. COMPLETE WOOD FLOOR BLDG	269	1,570	152,377	59	1,979	863	2,901
93112EK	PANELIZED WOOD BLDGS 36 FT WIDE X 120 FT LONG X 12 FT HIGH, DESERT/TROPICAL. COMPLETE WOOD FLOOR BLDG	322	1,886	182,923	67	2,333	1,017	3,417
93112FA	36 FT WIDE 8 FT HIGH WALL ASSEMBLY END BAY, PANELIZED WOOD BUILDING.	3	5	1,922	5	92	40	137
93112FB	36 FT WIDE 8 FT HIGH WALL ASSEMBLY INTERIOR BAY, PANELIZED WOOD BUILDING.	1	1	690	2	48	21	71
93112FC	36 FT WIDE 12 FT HIGH WALL ASSEMBLY END BAY, PANELIZED WOOD BUILDING.	3	6	2,270	5	139	53	197
93112FD	36 FT WIDE 12 FT HIGH WALL ASSEMBLY INTERIOR BAY, PANELIZED WOOD BUILDING.	2	2	1,151	2	71	29	102
93112GA	PANELIZED WOOD BLDGS 48 FT WIDE X 60 FT LONG X 12 FT HIGH, DESERT/TROPICAL. COMPLETE CONCRETE FLOOR BLDG	194	881	72,524	75	1,225	726	2,026
93112GB	PANELIZED WOOD BLDGS 48 FT WIDE X 80 FT LONG X 12 FT HIGH, DESERT/TROPICAL. COMPLETE CONCRETE FLOOR BLDG	207	896	76,450	91	1,518	886	2,495
93112GC	PANELIZED WOOD BLDGS 48 FT WIDE X 100 FT LONG X 12 FT HIGH, DESERT/TROPICAL. COMPLETE CONCRETE FLOOR BLDG	220	911	78,864	114	1,818	1,053	2,985
93112GD	PANELIZED WOOD BLDGS 48 FT WIDE X 120 FT LONG X 12 FT HIGH, DESERT/TROPICAL. COMPLETE CONCRETE FLOOR BLDG	233	926	82,034	130	2,129	1,227	3,486

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93112GE	PANELIZED WOOD BLDGS 48 FT WIDE X 140 FT LONG X 12 FT HIGH, DESERT/TROPICAL. COMPLETE CONCRETE FLOOR BLDG	246	941	85,204	146	2,431	1,394	3,971
93112GF	PANELIZED WOOD BLDGS 48 FT WIDE X 160 FT LONG X 12 FT HIGH, DESERT/TROPICAL. COMPLETE CONCRETE FLOOR BLDG	259	956	88,374	168	2,723	1,555	4,446
93112GL	48 FT WIDE DESERT/TROPICAL COMPLETE ROOF ASSEMBLY END BAY, PANELIZED WOOD BUILDING.	58	407	30,497	2	230	109	341
93112GM	48 FT WIDE DESERT/TROPICAL COMPLETE ROOF ASSEMBLY INTERIOR BAY,PANELIZED WOOD BUILDING.	4	9	1,539	2	193	95	290
93112GN	48 FT WIDE WALL ASSEMBLY END BAY,PANELIZED WOOD BUILDING.	4	8	2,665	3	133	51	187
93112GP	48 FT WIDE WALL ASSEMBLY INTERIOR BAY,PANELIZED WOOD BUILDING.	1	1	1,023	2	71	29	102
93112GR	48 FT WIDE WOOD FLOOR FRAMING END BAY,PANELIZED WOOD BUILDING.	20	19	6,911	10	247	117	374
93112HA	PANELIZED WOOD BLDGS 48 FT WIDE X 60 FT LONG X 12 FT HIGH, DESERT/TROPICAL. COMPLETE WOOD FLOOR BLDG.	175	884	90,437	75	1,807	811	2,693
93112HB	PANELIZED WOOD BLDGS 48 FT WIDE X 80 FT LONG X 12 FT HIGH, DESERT/TROPICAL. COMPLETE WOOD FLOOR BLDG.	186	898	99,391	93	2,307	1,037	3,437
93112HC	PANELIZED WOOD BLDGS 48 FT WIDE X 100 FT LONG X 12 FT HIGH, DESERT/TROPICAL. COMPLETE WOOD FLOOR BLDG.	197	912	108,345	114	2,803	1,263	4,180
93112HD	PANELIZED WOOD BLDGS 48 FT WIDE X 120 FT LONG X 12 FT HIGH, DESERT/TROPICAL. COMPLETE WOOD FLOOR BLDG.	208	926	117,299	135	3,314	1,493	4,942
93112HE	PANELIZED WOOD BLDGS 48 FT WIDE X 140 FT LONG X 12 FT HIGH, DESERT/TROPICAL. COMPLETE WOOD FLOOR BLDG.	219	940	126,253	156	3,793	1,711	5,660

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93112HF	PANELIZED WOOD BLDGS 48 FT WIDE X 160 FT LONG X 12 FT HIGH, DESERT/TROPICAL. COMPLETE WOOD FLOOR BLDG.	230	954	135,207	176	4,290	1,938	6,404
93112HG	PANELIZED WOOD BLDGS 48 FT WIDE X 60 FT LONG X 12 FT HIGH, TEMPERATE/FRIGID. COMPLETE WOOD FLOOR BLDG.	175	884	90,437	75	1,807	811	2,693
93112JA	PANELIZED WOOD BLDGS 60 FT WIDE X 60 FT LONG X 12 FT HIGH, DESERT/TROPICAL. COMPLETE CONCRETE FLOOR BLDG.	243	1,087	86,714	102	1,273	797	2,172
93112JB	PANELIZED WOOD BLDGS 60 FT WIDE X 80 FT LONG X 12 FT HIGH, DESERT/TROPICAL. COMPLETE CONCRETE FLOOR BLDG.	284	1,127	92,610	137	1,588	1,012	2,737
93112JC	PANELIZED WOOD BLDGS 60 FT WIDE X 100 FT LONG X 12 FT HIGH, DESERT/TROPICAL. COMPLETE CONCRETE FLOOR BLDG.	325	1,167	98,450	167	1,887	1,219	3,273
93112JD	PANELIZED WOOD BLDGS 60 FT WIDE X 120 FT LONG X 12 FT HIHG, DESERT/TROPICAL. COMPLETE CONCRETE FLOOR BLDG.	366	1,207	104,318	200	2,216	1,440	3,856
93112JE	PANELIZED WOOD BLDGS 60 FT WIDE X 140 FT LONG X 12 FT HIGH, DESERT/TROPICAL. COMPLETE CONCRETE FLOOR BLDG.	407	1,247	110,186	232	2,530	1,654	4,416
93112JF	PANELIZED WOOD BLDGS 60 FT WIDE X 160 FT LONG X 12 FT HIGH, DESERT/TROPICAL. COMPLETE CONCRETE FLOOR BLDG.	448	1,287	116,054	263	2,845	1,869	4,977
93112JG	PANELIZED WOOD BLDGS 60 FT WIDE X 180 FT LONG X 12 FT HIHG, DESERT/TROPICAL. COMPLETE CONCRETE FLOOR BLDG.	489	1,327	121,922	294	3,159	2,083	5,536
93112JL	60 FT WIDE DESERT/TROPICAL COMPLETE ROOF ASSEMBLY END BAY PANELIZED WOOD BUILDING.	62	493	35,513	3	201	84	288
93112JM	60 FT WIDE DESERT/TROPICAL COMPLETE ROOF ASSEMBLY INTERIOR BAY, PANELIZED WOOD BUILDING.	7	17	3,689	3	168	74	245
93112JN	60 FT WIDE WALL ASSEMBLY END BAY, PANELIZED WOOD BUILDING.	4	8	3,189	5	166	63	234
93112JP	60 FT WIDE WALL ASSEMBLY INTERIOR BAY, PANELIZED WOOD BUILDING.	2	2	1,139	2	71	29	102

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93112JR	60 FT WIDE WOOD FLOOR FRAMING END BAY,PANELIZED WOOD BUILDING.	25	22	8,529	14	324	155	493
93112KA	PANELIZED WOOD BLDGS 60 FT WIDE X 60 FT LONG X 12 FT HIGH, DESERT/TROPICAL. COMPLETE WOOD FLOOR BLDG	151	1,033	92,299	91	2,045	890	3,026
93112KB	PANELIZED WOOD BLDGS 60 FT WIDE X 80 FT LONG X 12 FT HIGH, DESERT/TROPICAL. COMPLETE WOOD FLOOR BLDG	216	1,102	122,766	118	2,574	1,119	3,811
93112KC	PANELIZED WOOD BLDGS 60 FT WIDE X 100 FT LONG X 12 FT HIGH, DESERT/TROPICAL. COMPLETE WOOD FLOOR BLDG	231	1,126	134,871	140	3,098	1,348	4,586
93112KD	PANELIZED WOOD BLDGS 60 FT WIDE X 120 FT LONG X 12 FT HIGH, DESERT/TROPICAL. COMPLETE WOOD FLOOR BLDG	246	1,152	147,724	164	3,629	1,574	5,367
93112KE	PANELIZED WOOD BLDGS 60 FT WIDE X 140 FT LONG X 12 FT HIGH, DESERT/TROPICAL. COMPLETE WOOD FLOOR BLDG	261	1,177	160,513	190	4,158	1,802	6,150
93112KF	PANELIZED WOOD BLDGS 60 FT WIDE X 160 FT LONG X 12 FT HIGH, DESERT/TROPICAL. COMPLETE WOOD FLOOR BLDG	276	1,202	173,302	210	4,686	2,030	6,926
93112KG	PANELIZED WOOD BLDGS 60 FT WIDE X 180 FT LONG X 12 FT HIGH, DESERT/TROPICAL. COMPLETE WOOD FLOOR BLDG	287	1,228	185,455	236	5,198	2,241	7,675
93112LA	PANELIZED WOOD BLDGS 144 FT WIDE X 140 FT LONG X 12 FT HIGH DESERT/TROPICAL. COMPLETE CONCRETE FLOOR BLDG	739	2,828	256,776	436	6,972	3,856	11,264
93112LB	PANELIZED WOOD BLDGS 144 FT WIDE X 160 FT LONG X 12 FT HIGH DESERT/TROPICAL. COMPLETE CONCRETE FLOOR BLDG	788	2,883	267,059	491	7,792	4,308	12,591
93112LC	PANELIZED WOOD BLDGS 144 FT WIDE X 180 FT LONG X 12 FT HIGH DESERT/TROPICAL. COMPLETE CONCRETE FLOOR BLDG	837	2,938	277,342	545	8,612	4,761	13,918
93112LG	PANELIZED WOOD BLDGS 144 FT WIDE X 140 FT LONG X 12 FT HIGH DESERT/TROPICAL. COMPLETE WOOD FLOOR BLDG	515	2,726	364,667	369	10,455	4,506	15,330
93112LH	PANELIZED WOOD BLDGS 144 FT WIDE X 160 FT LONG X 12 FT HIGH DESERT/TROPICAL. COMPLETE WOOD FLOOR BLDG	542	2,772	389,738	417	11,786	5,089	17,292

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93112LJ	PANELIZED WOOD BLDGS 144 FT WIDE X 180 FT LONG X 12 FT HIGH DESERT/TROPICAL, COMPLETE WOOD FLOOR BLDG	569	2,818	414,809	465	13,127	5,671	19,263
93112LL	144 FT WIDE DESERT/TROPICAL COMPLETE ROOF ASSEMLY END BAY PANELIZED WOOD BUILDING	155	1,203	90,862	7	779	307	1,093
93112LM	144 FT WIDE DESERT/TROPICAL COMPLETE ROOF ASSEMLY END BAY INTERIOR BAY,PANELIZED WOOD BUILDING.	15	31	7,868	7	658	290	955
93112LP	144 FT WIDE WALL ASSEMBLY INTERIOR BAY,PANELIZED WOOD BUILDING.	2	3	1,183	2	75	30	107
93112NA	FOOTING STEM WALL 40 LF 2 FT DEEP,PANELIZED WOOD BUILDING.	1	1	290	2	29	21	52
93112NK	FOOTING STEM WALL 40 LF 5.5 FT DEED,PANELIZED WOOD BUILDING	3	2	445	3	71	69	143
93112NL	FOOTING STEM WALL 5.5 FT DEEP EXTERNAL COLUMN PAD,PANELIZED WOOD BUILDING.			49	5	3	2	10
93112NM	FOOTING STEM WALL 5.5 FT DEEP EXTERNAL COLUMN PAD,PANELIZED WOOD BUILDING.			59	5	3	8	16
93112NN	FOOTING THICK SLAB 40 LF,PANELIZED WOOD BUILDING.	2	1	326	2	21	17	40
93112NP	FOOTING THICK SLAB EXT. COLUMN PAD,PANELIZED WOOD BUILDING.			38	5	2	1	8
93112NR	FOOTING THICK SLAB INT. COLUMN PAD,PANELIZED WOOD BUILDING.			48	5	3	3	11
93112NT	CONCRETE SLAB 12 FT X 20 FT AREA 4 INCH THICK,PANELIZED WOOD BUILDING.	6	3	64	3	6	12	21
93112NU	CONCRETE SLAB 12 FT X 20 FT AREA 6 INCH THICK,PANELIZED WOOD BUILDING.	6	4	108	3	9	17	29
93112NW	ANCHOR BOLT COL. AND TIE DOWN CONNECTOR,PANELIZED WOOD BUILDING.			7		1	1	2

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93112NY	CONCRETE 2500 POUNDS SQUAR INCH ONE CUBIC YARD,PANELIZED WOOD BUILDING.			12		2	3	5
93112PA	WOOD FLOOR INTERIOR EMBED POST FOR 10 FT GIRDERS,PANELIZED WOOD BUILDING.			151	9	5	3	17
93112PB	WOOD FLOOR EMBED POST AT O.S. PERIMETER AND 12 FT GIRDERS, PANELIZED WOOD BUILDING.	1		175	1	5	5	11
93112PC	WOOD FLOOR GIRDER INTERIOR BAY X 12 FT,PANELIZED WOOD BUILDING.			62	9	5	2	16
93112PD	WOOD FLOOR GIRDER END BAY X 12 FT,PANELIZED WOOD BUILDING.			69	9	2	1	12
93112PE	WOOD FLOOR GIRDER INTERIOR BAY X 10 FT,PANELIZED WOOD BUILDING.			16	9	3	2	14
93112PF	WOOD FLOOR GIRDER END BAY X 10 FT,PANELIZED WOOD BUILDING.			54	9	5	2	16
93112PG	WOOD FLOOR GIRDER END BAY AT COLUMNS 60 FT BUILDING,PANE- PANELIZED WOOD BUILDING			62	28	5	2	35
93112PH	WOOD FLOOR GIRDER INTERIOR BAY AT COL. 60 FT BUILDING, PANELIZED WOOD BUILDING		1	120	9	3	2	14
93112PL	WOOD FLOOR EXTERIOR COLUMN TO GIRDER CONNECTOR,PANELIZED WOOD BUILDING.		1	107		3	2	5
93112PM	WOOD FLOOR INTERIOR COLUMN TO GIRDER CONNECTOR,PANELIZED WOOD BUILDING.		1	64		3	2	5
93112PN	WOOD FLOOR SUPPORT FOR COLUMNS IN PANELIZED WOOD BUILDINGS	1	1	154	1	6	3	10
93112PP	WOOD FLOOR SUPPORT FOR INTERIOR COLUMNS 60 FT BUILDING, PANELIZED WOOD BUILDING.	1	2	282	1	10	5	16
93112PR	WOOD FLOOR PANEL 4 FT X 12 FT,PANELIZED WOOD BUILDING.			163	9	5	2	16

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS NOR	VERT	GENL	TOT
93112PT	WOOD FLOOR POST FOR 10 FT GIRDERS,PANELIZED WOOD BUILDING.			145	9	3	1	13
93112PU	WOOD FLOOR POST FOR 12 FT GIRDERS,PANELIZED WOOD BUILDING.			167	9	5	2	16
93112PY	STAIRS AND PORCH,PANELIZED WOOD BUILDING.	1	2	1,071		18	5	23
93112RG	PANELIZED WOOD BUILDING,CORNER TIE DOWN CONNECTING GIRDER			87		1	1	2
93112TL	GABLE FOR 24 FT TRUSS 48 FT & 144 FT BUILDING, LEFT, PANELIZED WOOD BUILDING			58		8	5	13
93112TM	GABLE FOR 24 FT TRUSS 48 FT & 144 FT BUILDING, RIGHT, PANELIZED WOOD BUILDING			58		8	5	13
93112TN	GABLE FOR 24 FT TRUSS 144 FT BUILDING, RIDGE LEFT, PANELIZED WOOD BUILDING			58		8	5	13
93112TP	GABLE FOR 24 FT TRUSS 144 FT BUILDING, RIDGE RIGHT, PANELIZED WOOD BUILDING		1	138		8	5	13
93112TR	GABLE FOR 30 FT TRUSS 60 FT BUILDING, LEFT, PANELIZED WOOD BUILDING	1	1	277	124	10	6	140
93112TW	ROOF PANEL FOR 12FOOT X 24FOOT BUILDING.DESERT/TROPIC CLIMATE ZONES			101	1	7	3	11
93112TY	ROOF PANEL FOR 12FOOT X 24FOOT BUILDING.TEMPERATE/FRIGID CLIMATE ZONE.			114	1	7	3	11
93112VC	INSULATION FIBERGLASS TYPE FLOOR 240 SQUARE FT,PANELIZED WOOD BUILDING.			21	2	2	1	5
93112VH	FILL NON-FROST SUSCEPTABLE 240 CUBIC FT,PANELIZED WOOD BUILDING.	13	6	66	5		2	7
93112VK	WOOD FLOOR SKIRTING - 40 LF OF SIDEWALL,PANELIZED WOOD BUILDING.			18	5	2	1	8

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
93112WD	WALL PANEL 8 FT HIGH,RIGH CORNER,PANELIZED WOOD BUILDING.			47	1	5	2	8
93112WW	WINDOW,DESERT/TROPICAL SINGLE GLAZING,PANELIZED WOOD BLDGS. BUILDING.			63		2	1	3
93115BA	BARRACKS, ARCH, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 50 BY 8, TEMP CLIM	5	3	294				
93115BB	BARRACKS, ARCH, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 50 BY 8, DESERT/TROPIC CLIM	5	3	294				
93115BC	BARRACKS, ARCH, LIGHTWEIGHT STEEL PANEL BUILDING WITH INTERIOR, 20 BY 50 BY 8, FRIGID CLIM	5	3	294				
99980AA	STANDARD DETAIL 1-A,INTERIOR PARTITION,10FT MAX HEIGTH, W/HARDPRESSED FIREBOARD TO 8FT HIGH ON ONE SIDE 100 LINEAL FEET UNIT.	3	4	740		69	9	78
99980AB	STANDARD DETAIL 1-B,INTERIOR PARTITION,10FT MAX HEIGTH, W/HARDPRESSED WALLBOARD TO 8FT HIGH ON ONE SIDE 100 LINEAL FEET UNIT.	4	5	1,746		69	9	78
99980AC	STANDARD DETAIL 1-C,INTERIOR PARTITION,10FT MAX HEIGTH, W/HARDPRESSED WALLBOARD TO 8FT HIGH ON ONE SIDE 100 LINEAL FEET UNIT.	3	4	802		92	14	106
99980AD	STANDARD DETAIL 1-D,INTERIOR PARTITION,10FT MAX HEIGTH, W/HARDPRESSED FIREBOARD TO 8FT HIGH ON ONE SIDE 100 LINEAL FEET UNIT.	2	2	723		92	14	106
99980AE	STANDARD DETAIL 1-E,INTERIOR PARTITION,10FT MAX HEIGTH, W/HARDPRESSED WALLBOARD TO 8FT HIGH ON ONE SIDE 100 LINEAL FEET UNIT.	4	5	1,090		127	18	145
99980AF	STANDARD DETAIL 1-F,INTERIOR PARTITION,10FT MAX HEIGTH, W/HARDPRESSED FIREBOARD TO 8FT HIGH ON ONE SIDE 100 LINEAL FEET UNIT.	2	2	817		127	18	145

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
99980AG	STANDARD DETAIL 1-G,INTERIOR PARTITION,10FT MAX HEIGTH, W/HARDPRESSED WALLBOARD TO 10B HIGH ONBOTH SIDE 100 LINEAL FEET UNIT.	3	4	693		147	37	184
99980AH	STANDARD DETAIL 1-H,INTERIOR PARTITION,10FT MAX HEIGTH, W/HARDPRESSED FIREBOARD TO10FT HIGH ONBOTH SIDE 100 LINEAL FEET UNIT.	2	2	1,101		147	37	184
99980AJ	STANDARD DETAIL 1-J,INTERIOR PARTITION,10FT MAX HEIGTH, W/HARDPRESSED FIREBOARD ONE SIDE AND COMPOSITION WALLBOARD.	3	4	739		127	18	145
99980AK	STANDARD DETAIL 1-K.INTERIOR PARTITION.10FT MAX HEIGHT, W/HARDPRESSE FIBERBOARD ONE SIDE AND COMPOSITION WALLBOARD OTHER SIDE TO A FT HIGH 100 LINEAL FEET UNIT.	3	4	1,448		147	37	184
99980AL	STANDARD DETAIL 1-X,INTERIOR PARTITION,10FT MAX HEIGTH 100 LINEAL FEET UNIT.	4	5	1,014		55	28	83
99980AM	STANDARD DETAIL 1-L SOUNDPROOF PARTITION,10 FT HIGH 100 LINEAL FEET UNIT.	4	6	1,392		184	37	221
99980AN	STANDARD DETAIL 6-C COUNTER 1 FT 6 IN WIDE,3 FT HIGH UNIT OF 100 LINEAL FEET FREE STANDING	2	2	722		101	18	119
99980AP	STANDARD DETAIL 1-N,INTERIOR PARTITION,COMPOSITION 100 LINEAL FEET UNIT.	3	4	650		101	18	119
99980AR	STANDARD DETAIL 1-P,LEADED PARTITION,10FT MAX HEIGTH W/1 IN WOOD SHEATHING AND LEAD SHEET ONE SIDE AND HARDPRESSED FIBERBOARD OTHER SIDE 100 LINEAL FEET UNIT.	8	5	4,316		253	55	308
99980AT	STANDARD DETAIL 1-Q,INTERIOR PARTITION.10FT MAX HEIGTH FOR PHYSICAL TRAINING EQUIPMENT,100 LINEAL FEET UNIT	3	5	1,199		147	18	165
99980AV	STANDARD DETAIL 1-S,RAILING,3FT HIGH,W/COMPOSITION WALLBOARD BOTH SIDES,100 LINEAL FT UNIT.	1	1	269		78	9	87

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
99980AV	STANDARD DETAIL 1-V.RAILING,3FT HIGH W/HARDPRESSED FIBERBOARD BOTH SIDES,100 LINEAL FEET UNIT.	1	1	296		78	9	87
99980AW	STANDARD DETAIL 1-Z,RAILING 3FT 6IN HIGH,100 LINEAL FEET UNIT.	3	3	819		18	9	27
99980AY	STANDARD DETAIL 1-Z,GATE,2FT 6IN WIDE OPENING FOR USE WITH 1-Z RAILING,UNIT OF TEN GATES.	1	1	308		55	28	83
99980BA	STANDARD DETAIL 1-T,SUSPENDED PARTITION.3FT DROP,100 LINEAL FT UNIT	1	2	884		69	37	106
99980BB	STANDARD DETAIL 1-W,INTERIOR PARTITION,10FT MAX HEIGTH W/1 IN WOOD SHEATHING TO 4 1/2 FT AND 2 X 2 WIRE MESH TO 10 FT ALL ON ONE SIDE 100 LINEA FEET UNIT.	3	4	1,119		55	18	73
99980BC	STANDARD DETAIL 1-AA INTERIOR PARTITION,14FT MAX HEIGTH W/HARDPRESSED FIBERBOARD TO 8FT ON ONE SIDE AND BARBED WIRE TO 14FT 100 LINEAL FT UNIT.	3	3	680		92	28	120
99980BD	STANDARD DETAIL 1-BB INTERIOR PARTITION,14FT MAX HEIGTH W/HARDPRESSED FIBERBOARD TO 14FT ON ONE SIDE ONLY 100 LINEAL FEET UNIT.	3	4	1,296		101	14	115
99980BE	STANDARD DETAIL 1-CC INTERIOR PARTITION,14FT MAX HEIGTH W/HARDPRESSED FIBERBOARD TO 14FT ON BOTH SIDES 100 LINEAL FEET UNIT.	4	5	1,874		166	37	203
99980BF	STANDARD DETAIL 2-A PANEL DOOR 40IN X 84IN SINGLE LEAF COMPLETE WITH DOOR HARDWARE UNIT OF TEN DOORS.	2	3	676		28	9	37
99980BG	STANDARD DETAIL 2-B PANEL DOOR 36IN X 84IN SINGLE LEAF COMPLETE WITH DOOR HARDWARE UNIT OF TENS DOORS.	2	3	789		28	9	37
99980BH	STANDARD DETAIL 2-C PANEL DOOR 30IN X 84IN SINGLE LEAF COMPLETE WITH DOOR HARDWARE UNIT OF TEN DOORS.	2	4	847		28	9	37

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
99980BJ	STANDARD DETAIL 2-D PANEL DOOR 24IN X 84IN SINGLE LEAF COMPLETE WITH DOOR HARDWARE UNIT OF TEN DOORS.	3	5	579		28	9	37
99980BK	STANDARD DETAIL 2-E PANEL DOOR 30IN X 84IN PAIR COMPLETE WITH DOOR HARDWARE UNIT OF TEN DOORS OPENINGS.	2	3	648		55	18	73
99980BL	STANDARD DETAIL 2-F PANEL DOOR 30IN X 84IN W/VISION PANL COMPLETE WITH DOOR HARDWARD UNIT OF TEN DOORS.	2	3	505		46	9	55
99980BM	STANDARD DETAIL 2-G PANEL DOOR 30IN X 84IN IN PAIR W/DOOR HARDWARE UNIT OF TEN DOOR OPENINGS.	2	4	793		92	18	110
99980BN	STANDARD DETAIL 2-H BOARD &BATTEN DOOR 36IN X 82 IN COMPLETE WITH DOOR HARDWARE UNIT OF TEN DOORS.	1	2	200		74	9	83
99980BP	STANDARD DETAIL 2-J BOARD &BATTEN DOOR 30IN X 82IN COMPLETE WITH DOOR HARDWARE UNIT OF TEN DOORS.	2	2	243		74	9	83
99980BR	STANDARD DETAIL 2-K BOARD & BATTEN DOOR 36IN X 82IN IN PR COMPLETE WITH DOOR HARDWARE UNIT OF TEN DOORS OPENINGS.	3	5	471		101	18	119
99980BT	STANDARD DETAIL 2-L BOARD & BATTEN DOOR 30IN X 82 IN IN PR COMPLETE WITH DOOR HARDWARE UNIT OF TEN DOORS OPENINGS.	2	2	478		101	18	119
99980BU	STANDARD DETAIL 2-X BOARD &BATTEN DOOR 24IN X 82IN COMPLETE WITH DOOR HARDWARE UNIT OF 10 DOORS.	2	2	610		74	9	83
99980BV	STANDARD DETAIL 2-M PANEL DOOR 40IN X 84 IN LEAD FACED COMPLETE WITH DOOR HARDWARE UNIT OF TEN DOORS OPENINGS.	2	1	1,156		74	28	102
99980BW	STANDARD DETAIL 2-N PANEL DOOR 36IN X 84 IN LEAD FACED COMPLETE WITH DOOR HARDWARE UNIT OF TEN DOORS.	2	1	1,196		74	28	102
99980BY	STANDARD DETAIL 2-P PANEL DOOR 36IN X 84 IN LEAD FACED COMPLETE WITH DOOR HARDWARE UNIT OF TEN DOORS.	1	1	871		74	28	102
99980CA	STANDARD DETAIL 2-Q GATE 2FT 6IN W X 3FT HIGH OPENING UNIT OF TEN GATES.			42		46		46

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
99980CB	STANDARD DETAIL 2-R SCREENED LOUVER DOORS 2FT HX VARIABLE WIDTH UNIT OF 10 LOUVERS.			168		69		69
99980CC	STANDARD DETAIL 2-S LIGHT-PROOF LOUVER FOR DOORS 2FT HX VARIABLE WIDTH UNIT OF 10 LOUVERS.			121		92		92
99980CD	STANDARD DETAIL 2-U METAL COVERED DOOR 36IN X 82IN COMPLETE WITH DOOR HARDWARE AND BUCK UNIT OF 10 DOORS	1	2	1,774		115	18	133
99980CE	STANDARD DETAIL 2-W DUTCH DOOR 36IN X 82IN COMPLETE WITH DOOR HARDWARE UNIT OF 10 DOORS.	1	1	161		115	18	133
99980CF	STANDARD DETAIL 2-Y SLIDING DOOR FOR 24IN X 82IN OPENING COMPLETE WITH TRACK UNIT OF 10 DOORS.	1	1	310		46	9	55
99980CG	STANDARD DETAIL 3-A INTERIOR WINDOW 2FT X 3FT FIXED UNIT OF 10 WINDOWS.			106		37		37
99980CH	STANDARD DETAIL 3-B WICKERT 2FT W X 3FT H OPENING UNIT OF 10 WICKETS			172		37	9	46
99980CJ	STANDARD DETAIL 3-D REMOVABLE PANEL WITH LIGHT PROOF LOUVER 3FT X 7FT UNIT OF 10 PANELS.	1	1	199		104	14	118
99980CK	STANDARD DETAIL 3-F WICKET 2FT X 3 FT OPENING UNIT OF 10 WICKETS.	1	1	209		37	9	46
99980CL	STANDARD DETAIL 3-G INTERIOR WINDOW MULTIPLE UNIT OF 17 WINDOWS			210		55	9	64
99980CM	STANDARD DETAIL 3-H BLACKBOARD 8 FT WIDE X 4 FT HIGH UNIT OF 10 BLACKBORDS		1	205		48	9	57
99980CN	STANDARD DETAIL 3-J BULLETIN BOARD 4 FT X 4 FT UNIT OF 10 BOARDS			82		37	5	42
99980CP	STANDARD DETAIL 4-A SHELVES 7 FT HIGH 1 FT DEEP UNIT OF 100 LINEAL FEET	2	3	438		74	18	92

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
99980CR	STANDARD DETAIL 4-B SHELVES 7 FT HIGH 1 FT 6 IN DEEP UNIT OF 100 LINEAR FEET	3	4	1,061		110	28	138
99980CT	STANDARD DETAIL 4-C SHELVES 7 FT HIGH 2 FT DEEP UNIT OF 100 LINEAL FEET	4	5	1,203		147	28	175
99980CU	STANDARD DETAIL 4-D SHELVES W/DOORS 7 FT HIGH 1 FT 6 IN DEEP, UNIT OF 100 LEVEL FEET	4	6	1,405		221	37	258
99980CV	STANDARD DETAIL 4-E SHELVES W/DOORS 7 FT HIGH 2 FT DEEP UNIT OF 100 LINEL FEET	5	7	1,548		262	46	308
99980CW	STANDARD DETAIL 4-F CLOTHING SHELVES 7 FT HIGH 1 FT 6IN DEEP, UNIT OF 10J LINEAL FEET	2	2	931		97	18	115
99980CY	STANDARD DETAIL 4-G COMPARTMENT SHELVES 7 FT HIGH 1 FT DEEP, UNIT OF 100 LINEAL FEET	2	3	541		110	18	128
99980DA	STANDARD DETAIL 4-H COUNTER AND SHELVES UNIT OF 100 LINEAL FEET	4	6	1,278		147	28	175
99980DB	STANDARD DETAIL 4-J COUNTER AND SHELVES UNIT OF 100 LINEAL FEET	3	4	823		166	28	194
99980DC	STANDARD DETAIL 4-K LUGGAGE RACK 7 FT 7 IN HIGH 2 FT 4 IN DEEP 4 FT LONG UNIT OF 10 RACKS	2	3	669		55	9	64
99980DD	STANDARD DETAIL 4-L CLOTHES HANGING RACK 7 FT 8 IN HIGH 4 FT 7 IN DEEP 4 FT LONG UNIT OF 10 RACKS	2	3	661		46	9	55
99980DE	STANDARD DETAIL 4-M LOCKER 1 FT WIDE 1 FT 8 IN DEEP 6 FT 8 IN HIGH UNIT OF 10 LOCKERS		1	223		69	9	78
99980DF	STANDARD DETAIL 4-N MOVABLE CLOTHES RACK,6 FT HIGH 10 FT LONG,UNIT OF 10 RACKS	1	2	244		28	5	33
99980DG	STANDARD DETAIL 4-P GAS CYLINDER STORAGE RACK,WALL MOUNTED UNIT OF 10 RACKS 4 FT LONG			328		23	5	28

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
99980DH	STANDARD DETAIL 4-Q MOP RACK,3 FT LONG UNIT OF 10 RACKS			70		18	2	20
99980DJ	STANDARD DETAIL 4-R GAS CYLINDER STORAGE RACK,FREE STANDING UNIT OF 10 RACKS 4 FT LONG	1	1	243		23	5	28
99980DK	STANDARD DETAIL 4-S WALL MOUNTED MOP RACK,4 FT LONG UNIT OF 10 RACKS			58		28	2	30
99980DL	STANDARD DETAIL 4-T SHELVES 6 FT 3 IN HIGH,1 FT 6 IN DEEP UNIT OF 100 LINEAL FEET	2	3	542		74	18	92
99980DM	STANDARD DETAIL 4-U COUNTER AND SHELVES UNIT OF 100 LINEAL FEET	4	6	1,154		124	28	152
99980DN	STANDARD DETAIL 4-W COUNTER AND SHELVES UNIT OF 100 LINEAL FEET	2	3	448		110	28	138
99980DP	STANDARD DETAIL 4-V PLATFORM 3 FT 6 IN WIDE X 8 FT LONG X 6 IN HIGH.			54		5	1	6
99980DR	STANDARD DETAIL 4-X PORTABLE WORK BENCH.3 FT WIDE 15 FT LONG,UNIT OF 10 BENCHES	4	6	1,201		92	28	120
99980DT	STANDARD DETAIL 4-Y,4-Z OR 4-BB STORAGE BINS UNIT OF 100 LINEAL FEET	3	5	700		138	37	175
99980DU	STANDARD DETAIL 4-AA STORAGE BINS 7 FT 4 IN HIGH,4 FT DEEP UNIT OF 100 LINEAL FEET	5	7	1,793		124	37	161
99980DV	STANDARD DETAIL 4-CC SHELVES 6 FT 3 IN HIGH,2 FT 6 IN DEEP UNIT OF 100 LINEAL FEET	4	6	535		74	28	102
99980DW	STANDARD DETAIL 4-DD WORK BENCH,2 FT 9 INCH WIDE UNIT OF 10 0 LINEAL FEET	3	4	759		78	18	96
99980DY	STANDARD DETAIL 4-EE STORAGE BINS, 8 FT 2 INCH HIGH 1 FT 6 IN DEEP UNIT OF 100 LINEAL FEET	2	2	850		92	18	110

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
99980EA	STANDARD DETAIL 4-FF STORAGE BINS, 8 FT 2 INCH HIGH 2 FT DEEP UNIT OF 100 LINEAL FEET	3	4	1,382		138	28	166
99980EB	STANDARD DETAIL 4-GG WORK TABLE, 4 FT WIDE X 3 FT HIGH UNIT OF 100 LINEAL FEET	2	3	683		92	18	110
99980EC	STANDARD DETAIL 4-LL AND 4-MM WORK BENCH, 3 FT 8 IN WIDE 3 FT HIGH 8 FT LONG UNIT OF 10 BENCHES	3	4	1,290		127	18	145
99980ED	STANDARD DETAIL 4-NN WORK BENCH,3 FT 8 INCH WIDE,3 FT HIGH 5 FT LONG UNIT OF 10 BENCHES	3	3	1,225		117	18	135
99980EE	STANDARD DETAIL 4-PP WORK BENCH,3 FT WIDE, 3 FT HIGH UNIT OF 100 LINEAL FEET	3	4	948		147	28	175
99980EF	STANDARD DETAIL 4-RR BATTERY RACK,UNIT OF 100 LINEAL FEET	3	3	780		69	18	87
99980EG	STANDARD DETAIL 4-SS STORAGE BINS, 8 FT 2 IN HI,4 FT DEEP UNIT OF 100 LINEAL FEET	3	5	1,762		138	37	175
99980EH	STANDARD DETAIL 5-A WALL SHELVES,4 FT HIGH, 1 FT DEEP UNIT OF 100 LINEAL FEET	1	2	524		55	18	73
99980EJ	STANDARD DETAIL 5-B WALL SHELVES 3 FT 2 IN HIGH,8 IN DEEP UNIT OF 100 LINEAL FEET	1	1	420		46	9	55
99980EK	STANDARD DETAIL 5-C WALL SHELVES WITH DOORS,4 FT HIGH 1 FT DEEP UNIT OF 100 LINEAL FEET	2	3	729		138	18	156
99980EL	STANDARD DETAIL 5-D SHELF AND HOOK STRIP UNIT OF 100 LINEAL FEET			106		18	5	23
99980EM	STANDARD DETAIL 5-E CLOSET SHELF AND POLE UNIT OF LINEAL FEET			119		28	5	33
99980EN	STANDARD DETAIL 5-F SCRUB-UP SHELF, UNIT OF 100 LINEAL FT			45		18		18

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
99980EP	STANDARD DETAIL 6-A COUNTER W/O SINK,1 FT 6 IN WIDE,3FT HI UNIT OF 100 LINEL FEET WALL MOUNTED	1	2	297		69	18	87
99980ER	STANDARD DETAIL 6-A COUNTER W/24 X 16 X 12 IN SINK,1FT 6IN WIDE 3 FT HIGH 4 FT LONG UNIT OF 10 COUNTERS	1	2	724		110	18	128
99980ET	STANDARD DETAIL 6-B COUNTER W/O SINK,2 FT WIDE,3 FT HIGH UNIT OF 100 LINEAL FEET WALL MOUNTED	1	2	347		69	18	87
99980EU	STANDARD DETAIL 6-B COUNTER W/24 X 16 X 12 IN SINK,2 FT WD 3 FT HIGH 4 FT LONG UNIT OF 10 COUNTERS	1	2	737		110	18	128
99980EV	STANDARD DETAIL 6-C COUNTER 1 FT 6 IN WIDE,3 FT HIGH UNIT OF 100 LINEAL FEET FREE STANDING	1	2	375		55	18	73
99980EW	STANDARD DETAIL 6-D COUNTER FREE STANDING,2 FT WIDE 3 FT HIGH UNIT OF 100 LINEAL FEET	2	2	747		55	14	69
99980EY	STANDARD DETAIL 6-E COUNTER TOP HINGED,2 FT WIDE,3 FT 7 IN LONG UNIT OF 10 TOPS			128		46	9	55
99980FA	STANDARD DETAIL 6-F COUNTER W/DOORS, 3 FT HIGH, 2 FT WIDE UNIT OF 100 LINEAL FEET	2	3	651		138	37	175
99980FB	STANDARD DETAIL 6-G COUNTER KITCHENETTE, 1 FT 6 INCH WIDE 2 FT 5 IN HIGH 5 FT 6 IN LONG UNIT OF 10 COUNTERS		1	141		46	9	55
99980FC	STANDARD DETAIL 6-H COUNTER FOR DISPOSAL CAN,3 FT HIGH 2 FT WIDE 4 FT LONG UNIT OF 10 COUNTERS	1	1	200		46	9	55
99980FD	STANDARD DETAIL 6-J COUNTER 3 FT WIDE, 3 FT HIGH,WITH LEAD -LINED TROUGH UNIT OF 100 LINEAL FEET	3	4	1,039		161	37	198
99980FE	STANDARD DETAIL 6-K COUNTER DENTAL,2 FT WIDE,3 FT HIGH 4 FT LONG UNIT OF 10 COUNTERS	1	1	445		156	28	184
99980FF	STANDARD DETAIL 6-L COUNTER W/24 X 16 X 12 IN SINK,2 FT 2 IN WIDE 3 FT HIGH 4 FT LONG UNIT OF 10 COUNTERS	1	2	760		124	18	142

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
99980FG	STANDARD DETAIL 6-M COUNTER SERVING,3 FT 10 IN WIDE,3 FT H I UNIT OF 100 LINEAL FEET	2	2	559		92	18	110
99980FH	STANDARD DETAIL 6-N COUNTER PREPARATION,2 FT 3 INCH WIDE 3 FT HIGH UNIT OF 100 LINEAL FEET	1	2	301		83	18	101
99980FJ	STANDARD DETAIL 6-P COUNTER DISHWASHING WITH 4 SINKS 24 X 16 X 12 IN PER 100 LINEAL FOOT UNIT	1	2	738		138	18	156
99980FK	STANDARD DETAIL 6-Q COUNTER POT WASHING WITH 6 SINKS 30 X 24 X 12 IN PER 100 LINEAL FOOT UNIT	2	3	1,071		156	18	174
99980FL	STANDARD DETAIL 6-R COUNTER AND FUME HOOD,7 FT 9 INCH HIGH 2 FT DEEP 4 FT LONG UNIT OF 10 COUNTERS	1	1	218		184	37	221
99980FM	STANDARD DETAIL 6-T COUNTER POT SCRAPING,2 FT 6 INCH WIDE 4 FT 6 IN LONG UNIT OF 10 COUNTERS	1	1	473		202	18	220
99980FN	STANDARD DETAIL 6-U COUNTER,2 FT WIDE,5 FT LONG UNIT OF 10 COUNTERS	1	2	285		92	9	101
99980FP	STANDARD DETAIL 6-W COUNTER,2 FT WIDE, 14 FT LONG UNIT OF 10 COUNTERS	3	4	583		138	18	156
99980FR	STANDARD DETAIL 6-X COUNTER,2 FT WIDE, 2 FT LONG UNIT OF 10 COUNTERS	1	1	209		46	9	55
99980FT	STANDARD DETAIL 6-Z COUNTER 2 FT WIDE 5 FT LONG UNIT OF 10 COUNTERS	2	2	349		58	9	67
99980FU	STANDARD DETAIL 6-AA COUNTER 2 FT WIDE 6 FT LONG UNIT OF 10 COUNTERS	2	3	381		58	9	67
99980FV	STANDARD DETAIL 6-BB COUNTER 2 FT WIDE 8 FT LONG UNIT OF 10 COUNTERS	2	3	416		58	9	67
99980FW	STANDARD DETAIL 6-CC COUNTER 2 FT WIDE 14 FT LONG UNIT OF 10 COUNTERS	3	4	485		92	18	110

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
99980FY	STANDARD DETAIL 6-DD COUNTER 1 FT 6 IN WIDE 3 FT HI 20FT LG WITH 3 FT WIDE GATE UNIT OF 10 COUNTERS	4	6	757		110	18	128
99980GA	STANDARD DETAIL 6-EE COUNTER 2 FT WIDE TOP,3 FT HIGH WITH DOORS UNIT OF 100 LINEAL FEET	2	3	618		133	37	170
99980GB	STANDARD DETAIL 7-A DESK AND DRAWERS UNIT OF 10 DESKS	2	3	899		276	37	313
99980GE	STANDARD DETAIL 19-C AND 19-D.VESTIBULE FOR SINGLE DOOR ENTRANCE							
99980GF	STANDARD DETAIL 7-E 3 FT W; 6 FT L; 3 FT H WORK TABLE UNIT OF 10 TABLES	1	2	319		12	3	15
99980GG	STANDARD DETAIL 11-A.SINK IN COUNTER							
99980GH	STANDARD DETAIL 11-B; SINK ON STAND UNIT OF 10 SINKS	1	1	89		13	2	15
99980GJ	STANDARD DETAIL,7-H LIBRARY TABLE 30X60INCH.UNIT OF 10 TABLES IN THIS FACILITY.	1	2	331		18	6	24
99980GK	STANDARD DETAIL 7-J; WORK TABLE 2 FT 5IN HIGH; 6 FT; 8-1/4 IN LONG; 2 FT DEEP UNIT OF 10 TABLES	3	5	722		2	1	3
99980GL	STANDARD DETAIL 11-K; WATER SERVICE BOX					1	1	2
99980GM	STANDARD DETIL 11-W.GREASE INTERCEPTOR/OIL SEPARATOR-CONC							
99980GN	STANDARD DETAIL 11-Q; VENT STACK FLASHING AND ROUGH-IN; UNIT OF 10 VENTS					5	5	10
99980GP	STANDARD DETAIL 11-T; FLOOR DRAIN FOR 2 IN OR 4 IN PIPE; UNIT OF 10 DRAINS					9	9	18
99980GR	STANDARD DETAIL 9-A.SPACE HEATER							
99980GT	STANDARD DETAIL 10-F.EXTERIOR LIGHTPROOF LOUVERS W/FAN							

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
99980GU	STANDARD DETAIL 7-S; COOKS TABLE W/SINK; UNIT OF 10 TABLES	2	3	471		13	2	15
99980GV	STANDARD DETAIL 8-N.MONITOR WITH EXHAUST FAN							
99980GW	STANDARD DETAIL 11-M; OIL FIRED WATER HEATER AND STORAGE TANK					9	9	18
99980GY	STANDARD DETAIL 8-L; WEATHERPROOF ENCL	1	1	202		2	1	3
99980HA	STANDARD DETAIL 9-D; RADIATION CONNECTION					18	18	36
99980HB	STANDARD DETAIL 11-E; SHOWER PLUMBING					5	5	10
99980HC	STANDARD DETAIL,8-C BENCH UNIT 1FOOT-3INCH WIDE,1FOOT-4INCH HIGH UNIT OF 100 LF OF BENCH IN THIS FACILITY.	1	1	158		5	1	6
99980HD	STANDARD DETAIL 11-X; TYPICAL HOSE BIBB; UNIT OF 10 BIBBS			32		51	25	76
99980HE	STANDARD DETAIL 14-A; AIR CONDITIONING UNIT INSTALLATION FOR AIR COOLED OR WATER COOLED UNITS			56		46	46	92
99980HF	STANDARD DETAIL 15-G; UNIT HEATER CONNECTION					9	9	18
99999AA	CONTAINERIZED(TRICON) ROAD REPAIR AND FIELD FORTIFICATIONS KIT W/48 INCH CORRUGATED METAL PIPE AND SANDBAGS.	5	13	4,546				
99999AB	CONTAINERIZED (TRICON) ROAD REPAIR KIT W/36 INCH CORRUGATED METAL PIPE AND SANDBAGS.	5	12	4,391				
99999AC	CONTAINERIZED (TRICON) ROAD REPAIR KIT W/24 INCH CORRUGATED METAL PIPE AND SANDBAGS.	4	14	3,663				
99999AD	CONTAINERIZED (TRICON) ROAD REPAIR KIT W/18 INCH CORRUGATED METAL PIPE AND SANDBAGS.	4	16	3,175				

DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
99999AE	CONTAINERIZED (TRICON) SANDBAGS FOR EXPEDIENT CONSTRUCTION/ REPAIR OF ROADS AND FIELD FORTIFICATIONS.	5	18	5,963				
99999AF	CONTAINERIZED (TRICON) FIELD FORTIFICATIONS KIT W/BARBED TAPE CONCERTINA WIRE AND BARBED TAPE GLOVES.	2	16	12,390				
99999AG	CONTAINERIZED (TRICON) FIELD FORTIFICATIONS KIT W/BARBED WIRE, STEEL U-SHAPED PICKETS, ENGINEER TAPE AND STEEL I-SECTIONS.	8	15	5,266				
99999AH	CONTAINERIZED (MILVAN) FIELD FORTIFICATIONS AND GENERAL CONSTRUCTION KIT - 2 IN X 12 IN TREATED LUMBER.	16	49	6,324				
99999AJ	CONTAINERIZED (MILVAN) FIELD FORTIFICATIONS AND GENERAL CONSTRUCTION KIT - 8 IN X 12 IN TREATED STRUCTURAL TIMBER.	16	49	7,824				
99999AK	CONTAINERIZED (MILVAN) GENERAL CONSTRUCTION KIT - PLYWOOD, CORRUGATED SHEET METAL, 1X6 AND 2X4 TREATED LUMBER.	21	59	12,639				
99999AL	CONTAINERIZED (MILVAN) GENERAL CONSTRUCTION KIT - ASSORTED SIZES OF TREATED LUMBER (1X6 2X4 2X6 2X8 & 2X10)	16	49	5,349				
99999AM	CONTAINERIZED (TRICON) GENERAL CONSTRUCTION KIT OF CONSUMABLE SUPPLIES.	11	20	12,414				
99999AN	CONTAINERIZED (TRICON) GENERAL CONSTRUCTION KIT OF ELECTRICAL SUPPLIES.	9	38	52,212				
99999AP	CONTAINERIZED (TRICON) GENERAL CONSTRUCTION KIT OF PLUMBING SUPPLIES.	2	12	3,755				
99999AR	CONTAINERIZED (TRICON) RIGGING KIT W/ASSORTED SIZES OF FIBER ROPE - WIRE ROPE - CHAIN AND RELATED ACCESSORIES.	7	14	13,090				
99999AT	CONTAINERIZED (TRICON) MARKING & CAMOUFLAGE KIT W/MARKING & CAMOUFLAGE PAINT AND CAMOUFLAGE NET SETS (WOODLAND).	5	19	21,159				

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DESERT CLIMATE

FACILITY NUMBER	DESCRIPTION	CONSTRUCTION MATERIAL WT SHT TONS	CONSTRUCTION MATERIAL VOL MEAS TONS	COST $	CONST EFFORT IN MAN-HOURS HOR	VERT	GENL	TOT
99999AU	CONTAINERIZED (TRICON) HAND TOOL KIT FOR USE BY INDIGENOUS LABOR.			373				
99999AV	CONTAINERIZED (TRICON) MARKING & CAMOUFLAGE KIT W/MARKING & CAMOUFLAGE PAINT AND CAMOUFLAGE NET SETS (DESERT).	4	15	8,160				

END REPORT DHDXER1

By Order of the Secretary of the Army:

JOHN A. WICKHAM, JR.
General, United States Army
Chief of Staff

Official:

R. L. DILWORTH
Brigadier General, United States Army
The Adjutant General

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