

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE K		PAGE OF PAGES 1 of 15	
2. AMENDMENT/MODIFICATION NO. 0010		3. EFFECTIVE DATE December 6, 2000		4. REQUISITION/PURCHASE REQ. NO. SCO600-00-0697	
6. ISSUED BY DEFENSE ENERGY SUPPORT CENTER 8725 JOHN J. KINGMAN ROAD, SUITE 4950 FORT BELVOIR, VA 22060-6222 BUYER/SYMBOL - MIKE WHITE/DESC-APP PHONE - (703) 767-9653 FAX 703-767-8757 P.P.8.2		CODE SCO600		7. ADMINISTERED BY (If other than Item 6) CODE SCO600	
8. NAME AND ADDRESS OF CONTRACTOR (NO., street,city,county,State,and ZIP Code) BIDDER CODE: CAGE CODE:			X		9a. AMENDMENT OF SOLICITATION NO. SP0600-00-R-0009
					9b. DATED (SEE ITEM 11) January 19, 2000
					10a. MODIFICATION OF CONTRACT/ORDER NO.
					10b. DATED (SEE ITEM 13)
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<p><input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended</p> <p>Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning <u>1</u> copy of the amendment;(b) By acknowledging receipt of this amendment on each copy of the offer submitted; or(c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.</p>					
12. ACCOUNTING AND APPROPRIATION DATA (If required)					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.					
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b)					
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:					
D. OTHER (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)					
See Attached					
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME OF CONTRACTING OFFICER JACOB R. MOSER		
15B. NAME OF CONTRACTOR/OFFEROR BY <i>(Signature of person authorized to sign)</i>		15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>(Signature of Contracting Officer)</i>		16C. DATE SIGNED

This Amendment is issued to incorporate the following changes to solicitation SPO600-00-R-0009:

- A. Section B.2.1, change second sentence to read:
Concurrent with the sale of the utility system, the Government will acquire electrical distribution, natural gas distribution, water distribution, and wastewater collection/treatment service
- B. Section B.2.3, change eighth sentence to read:
In addition to the sale of the utility system identified in the Bill of Sale, the Government will also acquire electrical distribution, natural gas distribution, water distribution, and wastewater collection/treatment service
- C. Section C.12, Quality Management Plan change "See paragraph C.3.2" to:
See paragraph L.6.2
- D. Paragraph H.3, Catastrophic Loss: Change first sentence to read:
The Contractor(s) shall propose in the Service Interruption/Contingency Plan (para C.7) how it plans to protect itself from a catastrophic loss (for example, an earthquake) and/or personal injury due to negligence
- E. Paragraph I.2, FAR Clauses, 52.203-8, correct spelling of Recission to:
Rescission
- F. Paragraph I.2, FAR Clauses, 52.219-4, correct Hubzone to:
HUBZone
- G. Paragraph I.6 Regulated Utility Clauses Incorporated by Reference add the following clause:
52.241-8 Change in Rates or Terms and Conditions of Service for Unregulated Services (IAW FAR 41.501[d][2] Feb 1995 For the purposes of this clause the blank(s) is/are completed as follows: To be determined

H. Attachment J5 "U.S. Army Fort Bliss Water Distribution System" is hereby incorporated in its entirety. **Receipt of offers for "this system only" is April 17, 2001. Receipt of offers for previously advertised systems remain January 17, 2001.**

ATTACHMENT J5

U.S. Army Fort Bliss Water Distribution System

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J5 U.S. Army Fort Bliss Water Distribution System

J5.1 U.S. Army Fort Bliss Overview

The U.S. Army Fort Bliss was established in November 1848 as the Post of El Paso. In March 1854, it was renamed Fort Bliss in honor of William Wallace Smith Bliss, a veteran of the Florida Seminole and Mexican Wars and later adjutant general of the Army's Western Division. Originally established to protect settlers from Indians and marauding bandits, it is one of the oldest posts in the United States Army. Although both infantry and cavalry soldiers could once be found on Fort Bliss, today the mission focus is on air defense artillery. As the center for air defense, Fort Bliss' partner organizations include:

11th Air Defense Artillery Brigade

3rd Armored Cavalry Regiment

William Beaumont Army Medical Center

U. S. Army Sergeants Major Academy

"Capstone" school in the U.S. Army's Noncommissioned Officer Education System

Joint Task Force Six

German Air Force Command (United States/Canada)

German Air Defense School

The U.S. Army Fort Bliss is located at the tip of West Texas on the borders of Texas and New Mexico. With 1.1 million acres, the Post is larger than the state of Rhode Island and can accommodate every weapon system in the Army. Although the main cantonment area is located in Texas, ranges extend into the state of New Mexico. Excellent ranges and immense training areas, coupled with America's third longest runway at Biggs Army airfield, make Fort Bliss a premier facility for training, mobilization, and deploying combat forces. Each year, many military training exercises occur at the Post, including the largest joint training exercise in the world, Roving Sands.

J5.2 Water Distribution System Description

J5.2.1 Water Distribution System Fixed Equipment Inventory

The U.S. Army Fort Bliss water distribution system consists of all appurtenances physically connected to the distribution system from the point at which the water is produced from government owned wells, to the point of demarcation defined by the real estate instruments. Generally, the point of demarcation will be the building footprint. The system may include, but is not limited to, wells, pipelines, valves, fire hydrants, pumps, tanks, and meters. The following description and inventory is included to provide the Offeror with a general understanding of the size and configuration of the distribution system. The Offeror shall base the proposal on site inspections, information in the bidder's library, other pertinent information, and to a lesser degree the following description. Under no circumstances shall the successful Contractor be entitled to any adjustment based on the accuracy of the following description and inventory.

The water rights possessed by the U.S. Army Fort Bliss will not in any way shape or form be transferred to the Contractor as a result of any privatization action, or be considered as part of this scope.

Fort Bliss is considering implementation of a re-use watering system for parade grounds and other large turf areas, which will take treated sewage water from the City of El Paso or from an, as yet to be constructed, Fort Bliss water treatment facility. If implemented, the successful offeror will be required to accept ownership of all re-use water piping, valves, pumps, tanks, and other appurtenances associated with the re-use watering system.

Fort Bliss is also considering installation of a brackish water desalination plant on the range just off the main cantonment area. If installed, the successful offeror will be required to accept ownership of all piping, valves, pumps, tanks, and other appurtenances from the outfall of the plant to the connection to the existing raw water collection system.

J5.2.1.1 Description

The water treatment and distribution system at U.S. Army Fort Bliss consists of groundwater wells, non-chlorinated lines, main distribution trunk lines, treatment facilities, booster pump stations, distribution mains, and elevated and ground storage tanks. The U.S. Army Fort Bliss provides treated water to the Main Post and outlying ranges from government owned water treatment facilities and via the interconnects to the City of El Paso's water system.

There are 13 wells that supply ground water to the U.S. Army Fort Bliss Main Post area. The total capacity of all wells is 13,516 gallons per minute. The depths of the wells range from 295' to 398'. Eleven non-chlorinated lines transfer raw water from the wells to the treatment facility. The total length of non-chlorinated lines is 57,180 feet. The treatment facility

receives the raw water from the wells, then chlorinates and fluoridates the water, provides contact time, and pumps the water to storage tanks. Within the facility is a Williams Electric Co. monitoring system, which displays the water surface elevations in each of the storage tanks and the pump flow rates.

There are four main distribution trunk lines that transfer water from the pumps at the treatment facility to various areas within the Main Post. There are no individual services from these trunk lines. There are six booster pump stations and 20 water storage tanks located throughout the Main Post. Thirteen of the tanks are ground storage tanks with a total storage volume of 9,608,000 gallons. The remaining seven tanks are elevated storage tanks with a total storage volume of 2,900,000 gallons. The water level in each of the tanks is telemetered to the water treatment facility. The chlorinated water lines form the network for delivering potable water to the various services throughout the Main Post. The lines generally start at the water storage tanks or from the distribution lines off of the storage tanks, and terminate at service connections. Within the system there are about 811,718 feet of water main ranging in size from 2" to 20". The Main Post also contains 947 main line valves and 1059 fire hydrants. The water system is controlled by a computerized level control and scheduling system which has recently been upgraded by Williams Electric company.

J5.2.1.2 Inventory

Table 1 provides a general listing of the major collection system fixed assets for the U.S. Army Fort Bliss water distribution system included in the purchase. The system will be sold in an "as is, where is" condition without any warranty, representation, or obligation on the part of the Government to make any alterations, repairs, or improvements. Ancillary equipment attached to, and necessary for, operating the system, though not specifically mentioned herein, is considered part of the purchased utility.

TABLE 1
Fixed Inventory
Water Distribution System Inventory U.S. Army Fort Bliss

Item	Unit	Quantity on	Quantity on	Total
		Main Post	Ranges	
Pipe 2"	LF	785	860	1,645
2.5"	LF	0	345	345
3"	LF	8,996	525	9,521
4"	LF	41,170	3,955	395,133
6"	LF	345,533	49,600	228,227
8"	LF	203,967	24,260	107,082
10"	LF	101,777	5,305	85,590
12"	LF	57,635	27,955	6,200
14"	LF	6,200	0	28,015
16"	LF	28,015	0	17,640
20"	LF	17,640	0	4
Meters	Each	4	0	0
Building Services	Each	0	0	1,039
Main Valves	Each	947	92	73
Post Indic. Valves	Each	58	15	1,131
Fire Hydrants	Each	1,059	72	15
Ground Storage Tanks	Each	13	2	12
Elevated Tanks	Each	7	5	15
Wells	Each	13	2	6
Booster Pump Stations	Each	6	0	

LF = Linear Feet

J5.2.2 Water Distribution System Non-Fixed Equipment and Specialized Tools Inventory

Table 2 lists other ancillary equipment (spare parts) and **Table 3** lists specialized vehicles and tools included in the purchase. Offerors shall field verify all equipment and tools prior to submitting a bid. Offerors shall make their own determination of the adequacy of all equipment and tools. The successful Contractor shall provide any and all equipment, vehicles, and tools, whether included in the purchase or not, to maintain a fully operating system under the terms of this contract.

TABLE 2
 Spare Parts
 Water Distribution System U.S. Army Fort Bliss

Qty	Item	Make/Model	Description	Remarks
None Identified				

TABLE 3
 Specialized Equipment and Vehicles
 Water Distribution System U.S. Army Fort Bliss

Description	Quantity	Location	Maker
None Identified			

J5.2.3 Water Distribution System Manuals, Drawings, and Records Inventory

Table 4 lists the manuals, drawings, and records that will be transferred with the system.

TABLE 4
 Manuals, Drawings, and Records
 Water Distribution System U.S. Army Fort Bliss

Qty	Item	Description	Remarks
To be Identified in Technical Library	Same	Same	Same

J5.3 Specific Service Requirements

None Identified.

J5.4 Current Service Arrangement

The water treatment and distribution system at U.S. Army Fort Bliss consists of groundwater wells, non-chlorinated lines, main distribution trunk lines, treatment facilities, booster pump stations, distribution mains, and elevated and ground storage tanks. The U.S. Army Fort Bliss provides treated water to the Main Post from government owned water treatment facilities and from interconnects to the City of El Paso's water system.

J5.5 Secondary Metering

The Base may require secondary meters for internal billings of their reimbursable customers, utility usage management, and energy conservation monitoring. The Contractor shall assume full ownership and responsibility for existing and future secondary meters IAW Paragraph C.3.

J5.5.1 Existing Secondary Meters

TABLE 5
Existing Secondary Meters
Water Distribution System U.S. Army Fort Bliss

Meter Location	Meter Description
Approximately 100 locations to be furnished in technical library	

J5.5.2 Required New Secondary Meters

The Contractor shall install and calibrate new secondary meters as listed in **Table 6**. New secondary meters shall be installed IAW Paragraph C.17, Transition Plan. After installation, the Contractor shall maintain and read these meters IAW Paragraphs C.3, H.5, and J5.5 below.

TABLE 6
New Secondary Meters
Water Distribution System U.S. Army Fort Bliss

Meter Location	Meter Description
None Identified	

J5.6 Monthly Submittals

The Contractor shall provide the Government monthly submittals for the following:

1. Invoice (IAW paragraph G.2). The Contractor's monthly invoice shall be presented in a format proposed by the Contractor and accepted by the Contracting Officer. Invoices shall be submitted by the 25th of each month for the previous month. Invoices shall be submitted to:

Name: Raymond Balderas
Address: Building 777 basement, Fort Bliss, Texas 79916
Phone number: (915) 568-3107

2. Outage Report. The Contractor's monthly outage report will be prepared in the format proposed by the Contractor and accepted by the Contracting Officer. Outage reports shall include the following information for Scheduled and Unscheduled outages:

Scheduled: Requestor, date, time, duration, facilities affected, feedback provided during outage, outage notification form number, and digging clearance number.

Unscheduled: Include date, time and duration, facilities affected, response time after notification, completion times, feedback provided at time of outage, specific item failure, probability of future failure, long term fix, and emergency digging clearance number.

Outage reports shall be submitted by the 25th of each month for the previous month. Outage reports shall be submitted to:

Name: Roger Briney
Address: Building 777, Room 320, Fort Bliss, Texas 79916
Phone number:

3. **Meter Reading Report.** The monthly meter reading report shall show the current and previous month readings for all secondary meters. The Contractor's monthly meter reading report will be prepared in the format proposed by the Contractor and accepted by the Contracting Officer. Meter reading reports shall be submitted by the 15th of each month for the previous month. Meter reading reports shall be submitted to:

Name: Raymond Balderas
Address: Building 777 basement, Fort Bliss, Texas 79916
Phone number: (915) 568-3107

4. **System Efficiency Report.** If required by Paragraph C.3, the Contractor shall submit a system efficiency report in a format proposed by the Contractor and accepted by the Contracting Officer. System efficiency reports shall be submitted by the 25th of each month for the previous month. System efficiency reports shall be submitted to:

Name: Joe E. Mathis
Address: Building 777 basement, Fort Bliss, Texas 79916
Phone number: (915) 568-3107

J5.7 Water Savings and Conservation Projects

IAW paragraph C.3, Utility Service Requirement, the following projects have been implemented by the Government for water conservation purposes:

- Installation of low flow toilets
- Installation of ground source heat pumps in new family housing
- Installation of xeriscape landscaping throughout the Installation

J5.8 Service Area

IAW Paragraph C.4, Service Area, the service area is defined as all areas within the U.S. Army Fort Bliss boundaries to include the main cantonment area, Site Monitor Station, McGregor Range, Oro Grande Range Camp, Dona Ana Range Camp, and Biggs Army Airfield.

J5.9 Off-Installation Sites

Nearby to U.S. Army Fort Bliss, is the Beaumont Medical Center, which is a complex of the main hospital building, staff housing, and laboratory facilities that support the hospital

activities. The requirement for water service to the Beaumont Medical Center is part of and associated with this scope.

J5.10 Specific Transition Requirements

IAW Paragraph C.17, Transition Plan, **Table 7** lists service connections and disconnections required upon transfer, and **Table 8** lists the improvement projects required upon transfer of the U.S. Army Fort Bliss Water Distribution system.

TABLE 7
 Service Connections and Disconnections
 Water Distribution System U.S. Army Fort Bliss

Location	Description
To be included in Technical Library	

TABLE 8
 System Improvement Projects
 Water Distribution System U.S. Army Fort Bliss

Project Location	Project Description
To be included in Technical Library	

I. Attachment J11, para J11.11 Table 8, Lackland AFB Electric Distribution System, replace Table 8 with the following:

TABLE 8
 System Deficiencies
 Electric Distribution System Lackland AFB

Project Location	Project Description
MPLS 961019	Electrical Circuit for Main Base
MPLS 961033	PCB Transformers have been replaced)
MPLS 961020	Construct New Circuit 9 to Selfridge
MPLS 971001B	Electrical Underground at Pepperrell St
MPLS 981001A	Electrical Underground at Ladd St
MPLS 991001A	Electrical Underground at 2300-2500 Area
MPLS001001B	Circuit 5, Across from Military Hwy
MPYJ961039	Replace LTA Switching Station

Projects MPLS 97-1044 (Luke Blvd), MPLS 97-1001A (Goodfellow Street), MPLS 98-1001B (Parade Ground), and MPLS 99-1001B (Bong Avenue) have been completed and are removed from the above table.

J. Attachment J23, para J23.2.1.1, "Sheppard AFB Electric Distribution System", references to overhead and underground distribution line are updated with the following information:

Overhead Primary consist of 198,313 linear feet
Overhead Secondary consist of 311,019 linear feet
Underground Primary consist of 148,054 linear feet
Underground Secondary consist of 57,766 linear feet

The following information is provided for clarification purposes only and do not change any part of the RFP.

Sheppard AFB Electric Distribution System:

Linear feet totals for overhead primary and secondary distribution lines are not consistent between Attachment J23 and the 2/00 Utility System Inventory list located in the Technical Library. Which is correct?

See para J above

We had hoped to use the AutoCAD map of the electrical system (electric.dwg) from the DESC website to help resolve the linear feet differences. However, the drawing file when opened in AutoCAD has several different layers associated it that are difficult to determine how they are used. Can a more specific description be provided for each layer, so that we could more easily determine which layer to display for a given type of lines.

Specifics regarding layers may be found at the following Tri-Service Spatial Data Site:

<http://tsc.wes.army.mil/Products/TSSDS-TSFMS/tssds/projects/sds190/default>.
You should download the first software application listed as "All SDS 1.95 software application: 23MB" This will provide access to applicable layer codes as well as the tutorial reference for assistance as required. Note the alpha codes are used for layer names.

The AutoCAD electric.dwg file shows that circuits 1, 3, 5, and 7 come east out of the substation underground for nearly 300 feet, but the G4-1.pdf map of the 11 circuits shows them as overhead lines, which is correct?

All circuits run underground for approximately 300 to 500 yards depending on final destination with one exception, circuit #4 servicing the north end of the base (80th Flying Training) runs entirely underground

Lackland AFB Electric Distribution System:

The following information (description of projects, Lackland AFB Elec Distribution Systems) is provided for informational purposes and is available at the Technical Library.

Would you please send me the description or other technical details of the following projects which are listed in section J11.11, Table 8, of the RFP: (see para I above)

MPLS 96-1019, Electric Circuit to Main Base.

This is an upgrade project to eliminate the possible overloading of the electrical distribution line feeders entering Lackland AFB in the vicinity of the Valley High Gate.

MPLS 96-1020, Construct new circuit 9 to Selfridge.

This is a project to relieve the overloading of Circuit 3, which is carrying 520 amps peak load while the rated capacity is only 414 amps.

MPLS 97-1001B, Electrical underground at Pepperell St.

This project is to switch from overhead to underground lines along Pepperell Street.

MPLS 98-1001A, Electrical underground at Ladd St.

This project is to switch from overhead to underground lines along Ladd Street.

MPLS 99-1001A, Electrical underground at 2300-2500 area.

This project is to switch from overhead to underground lines at the 2300-2500 area.

MPLS 001001B, Circuit 5, Across from Military Hwy.

This project is to switch from overhead to underground lines of Circuit 5 near the Military Highway.

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MPYJ 96-1039, Replace LTA Switching Station.

This project replaces the damaged switch holding pad and outdated switchgear at the Lackland Training Area Switching Station.