

ATTACHMENT J3

Channel Islands ANG Station Water Distribution System

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J3 Channel Islands ANG Station Water Distribution System

J3.1 Channel Islands ANG Station Overview

The 146th Airlift Wing (AW) of the California Air National Guard occupies 206 acres of fee-owned land adjacent to the Point Mugu Naval Air Station, an active duty Navy flying installation. The Channel Islands ANG Station is located 50 miles northwest of Los Angeles in Port Hueneme, California. The mission of the 146th AW is to provide global military airlift capability to a full spectrum of state and federal agencies. The unit currently flies the C-130 Hercules. The 146th AW occupies two administrative, nine industrial, and four services buildings totaling approximately 345,191 square feet with 354 full-time personnel. A unit training drill is conducted once a month and results in a surge of up to a total of 1,204 personnel.

J3.2 Water Distribution System Description

J3.2.1 Water Distribution System Fixed Equipment Inventory

The Channel Islands ANG Station water distribution system consists of all appurtenances physically connected to the distribution system from the point in which the distribution system enters the Installation and Government ownership currently starts to the point of demarcation, defined by the Right of Way. The system may include, but is not limited to, pipelines, valves, fire hydrants, a cathodic protection system (anodes and test stations) and exterior backflow prevention devices. The actual inventory of items sold will be in the bill of sale at the time the system is transferred. The following description and inventory is included to provide the Contractor with a general understanding of the size and configuration of the distribution system. The Government makes no representation that the inventory is accurate. The Contractor shall base its proposal on site inspections, information in the technical library, other pertinent information, and to a lesser degree the following description and inventory. Under no circumstances shall the Contractor be entitled to any service charge adjustments based on the accuracy of the following description and inventory.

Specifically excluded from the water distribution system privatization are:

- ?? Lawn sprinkler systems
- ?? Fire suppression systems
- ?? The above-ground 337,000-gallon tank used for fire suppression

J3.2.1.1 Description

Water is supplied by the Point Mugu Naval Air Station and enters the base at one point. The configuration is a looped system and with water delivered at 115 psig and distributed at 65 psig. The distribution system consists of approximately 16,200 linear feet of ductile iron pipe. Pipe diameter ranges from two to twelve inches. Pipes are buried at an average depth of four feet without the use of tracer wire or marking tape. The system also has 25 cast iron-gate valves, 32 fire hydrant assemblies,

809 sacrificial anodes, 16 test stations, and two exterior backflow prevention devices. Base personnel indicate the capacity of the current system is adequate for present and future needs.

J3.2.1.2 Inventory

Table 1 provides a general listing of the major water distribution system fixed assets for the Channel Islands ANG Station water distribution system included in the sale.

TABLE 1

Fixed Inventory

Water Distribution System Channel Islands ANG Station

Item	Size	Quantity	Unit	Approximate Year of Construction
Ductile Iron Pipe	(in)			
	2	278	LF	1990
	2.5	16	LF	1990
	3	42	LF	1990
	4	16	LF	1990
	6	219	LF	1990
	8	14921	LF	1990
	12	687	LF	1990
Cast Iron Gate Valves	(in)			
	2	2	EA	1990
	2.5	1	EA	1990
	3	2	EA	1990
	4	1	EA	1990
	8	19	EA	1990
Fire Hydrant Assemblies				
		32	EA	1990
Exterior Backflow Prevention Devices	(in)			
	2	1	EA	1990
	4	1	EA	1990
Cathodic Protection System				
Sacrificial Anodes		809	EA	1990
Test Stations (8.75 in diameter by 12 in deep)		16	EA	1990
Notes:				
EA = Each				
LF = Linear Feet				
IN=Inches				

J3.2.2 Water Distribution System Non-Fixed Equipment and Specialized Tools

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, vehicles, and tools prior to submitting a bid. Offerors shall make their own determination of the adequacy of all equipment, vehicles, and tools.

TABLE 2
Spare Parts
Water Distribution System Channel Islands ANG Station

Qty	Item	Make/Model	Description	Remarks
None				

TABLE 3
Specialized Vehicles and Tools
Water Distribution System Channel Islands ANG Station

Description	Quantity	Location	Maker
None			

J3.2.3 Water Distribution System Manuals, Drawings, and Records

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

TABLE 4
Manuals, Drawings, and Records
Water Distribution System Channel Islands ANG Station

Qty	Description	Remarks
1	Water Utility System Maps (paper copy)	No AutoCAD Available

J3.3 Specific Service Requirements

The service requirements for the Channel Islands ANG Station water distribution system are as defined in the Section C, Description/Specifications/Work Statement.

J3.4 Current Service Arrangement

?? **Current Provider:** Mugu Naval Air Station reads and bills the base for usage

?? **Average Annual Usage (2000):** 44,115 kGal

?? **Maximum Monthly Usage:** 7,590 kGal (August)

?? **Minimum Monthly Usage:** 288 kGal (February)

?? The U.S. Forest Service uses the Channel Islands ANG Station water distribution system to fill up their fire fighting aircraft with water. In FY 2000, that amounted to approximately 1,012 kGal of water used that did not enter the wastewater system.

J3.5 Secondary Metering

J3.5.1 Existing Secondary Meters

Table 5 provides a listing of the existing (at the time of contract award) secondary meters that will be transferred to the Contractor. The Contractor shall provide meter readings for all secondary meters IAW Paragraph C.3 and J3.6 below.

TABLE 5
Existing Secondary Meters
Water Distribution System Channel Islands ANG Station

Meter Location	Meter Description (Type)
None	

J3.5.2 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.13 Transition Plan. After installation, the Contractor shall maintain and read these meters IAW Paragraphs C.3 and J3.6 below.

TABLE 6
New Secondary Meters
Water Distribution System Channel Islands ANG Station

Meter Location	Meter Description
Fire Hydrant 26 (northwest side of aircraft parking apron)	Water consumption meter
Fire Hydrant 25 (north side of aircraft parking apron between Fire Hydrants 26 and 24)	Water consumption meter
Fire Hydrant 24 (northeast side of aircraft parking apron)	Water consumption meter

J3.6 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 the person identified at time of contract award.
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 be submitted by the 25th of each month for the previous month. Outage reports shall be submitted to the person identified at time of contract award.

3. **Meter Reading Report.** The monthly meter reading report shall show the current and previous month readings for all identified 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 the person identified at time of contract award.

J3.7 Water Conservation Projects

IAW Paragraph C.3 Utility Service Requirement, the following projects have been implemented by the Government for conservation purposes: None.

J3.8 Service Area

IAW Paragraph C.4 Service Area, the service area is defined as all areas within the Channel Islands ANG Station boundaries.

J3.9 Off-Installation Sites

No off-installation sites are included in the sale of the Channel Islands ANG Station water distribution system.

J3.10 Specific Transition Requirements

IAW Paragraph C.13 Transition Plan, **Table 7** provides a listing of service connections and disconnections required upon transfer.

TABLE 7

Service Connections and Disconnections
Water Distribution System Channel Islands ANG Station

Location	Description
None	

J3.11 Government Recognized System Deficiencies

Table 8 provides a listing of system improvements that the Government has planned. The Government recognizes these improvement projects as representing current deficiencies associated with the Channel Islands ANG Station water distribution system. If the utility system is sold, the Government will not accomplish these planned improvements. The Contractor shall make a determination as to its actual need to accomplish and the timing of any and all such planned improvements. Capital upgrade projects shall be proposed through the Capital Upgrades and Renewals and Replacements Plan process and will be recovered through Schedule L-3. Renewal and replacement projects will be recovered through Sub-CLIN AB.

TABLE 8

System Deficiencies
Water Distribution System Channel Islands ANG Station

Project Location	Project Description
None	