ATTACHMENT J2

Channel Islands ANG Station Natural Gas Distribution System

Table of Contents

List of Tables

J2 Channel Islands ANG Station Natural Gas Distribution System

J2.1 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.

J2.2 Natural Gas Distribution System Description

J2.2.1 Natural Gas Distribution System Fixed Equipment Inventory

The Channel Islands ANG Station natural gas 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, regulators, and meters. 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.

J2.2.1.1 Description

The Southern California Gas Company (SCGC) provides natural gas service. The configuration is a dead-end branched system with gas delivered at 35 psig at one base entry point. The distribution system contains approximately 5,400 linear feet of PE pipe ranging from one to five inches in diameter. Pipes are buried at an average depth of three feet and are marked with tracer wire. The system contains 15 PE ball valves, 13 earthquake valves, 11 meters and 13 regulators. Base personnel indicate the capacity of the current system is adequate for present and future needs.

J2.2.1.2 Inventory

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

TABLE 1
Fixed Inventory
Natural Gas Distribution System Channel Islands ANG Station

Item	Size	Quantity	Unit	Approximate Year of Construction
PE Pipe	(in)			
	1	40	LF	1990
	1.5	101	LF	1990
	2	316	LF	1990
	2.5	710	LF	1990
	3	1851	LF	1990
	3.5	63	LF	1990
	4	488	LF	1990
	5	1870	LF	1990
PE Ball Valves	(in)			
	1	2	EA	1990
	1.5	4	EA	1990
	2	2	EA	1990
	2.5	1	EA	1990
	3	2	EA	1990
	3.5	1	EA	1990
	4	1	EA	1990
	5	2	EA	1990
Earthquake Shut-off Valves	PSI rating			
Quake Master, Model 15	0-60	1	EA	1990
Safe-T-Quake, Model STQ 114	5	1	EA	1990
Quake Master, Model 15	0-60	1	EA	1990
Koss International, Model 314	20	1	EA	1990
Safe-T-Quake, Model STQ 114	5	1	EA	1990
Safe-T-Quake, Model STQ 114	5	1	EA	1990
Safe-T-Quake, Model STQ 34	Unknown	1	EA	1990
Quake Master, Model 20	Unknown	1	EA	1990
Safe-T-Quake, Model STQ 114	5	1	EA	1990
Safe-T-Quake, Model STQ 114	5	1	EA	1990
Safe-T-Quake, Model STQ 114	5	1	EA	1990
Safe-T-Quake, Model STQ 114	5	1	EA	1990
Safe-T-Quake, Model STQ 114	5	1	EA	1990

Item	Size	Quantity	Unit	Approximate Year of Construction
Regulators	Orifice size (in)			
Sprague	Unknown	1	EA	1990
American	1 1/4"	1	EA	1990
Sprague	Unknown	1	EA	1990
American	1 1/4"	1	EA	1990
Equimeter	1"	1	EA	1990
American	1 1/4"	1	EA	1990
Equimeter	Unknown	1	EA	1990
Sprague	Unknown	1	EA	1990
American	9/16"	1	EA	1990
American	9/16"	1	EA	1990
American	9/16"	1	EA	1990
American	9/16"	1	EA	1990
American	9/16"	1	EA	1990
Meters (see section J2.5 for details)				
American GT-3		1	EA	1990
American GT-3		1	EA	1990
American AL-1400		1	EA	1990
Equimeter 1000		1	EA	1990
Equimeter S-275		1	EA	1990
American GT-3		1	EA	1990
American AL-425		1	EA	1990
American AL-800		1	EA	1990
American AL-425		1	EA	1990
American AL-425		1	EA	1990
American AL-800		1	EA	1990

Notes:
PE = Polyethylene
LF = Linear Feet
EA = Each
IN = Inches
PSI = Pounds per Square Inch

J2.2.2 Natural Gas 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
Natural Gas Distribution System Channel Islands ANG Station

Qty	Item	Make/Model	Description	Remarks
None				

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

Description	Quantity	Location	Maker
None			

J2.2.3 Natural Gas 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
Natural Gas Distribution System Channel Islands ANG Station

Qty	Description	Remarks
1	Natural Gas Utility System Maps (paper copy)	No AutoCAD

J2.3 Specific Service Requirements

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

J2.4 Current Service Arrangement

?? **Current Provider:** Southern California Gas Company

?? **Average Annual Usage (2000):** 2,333 Mcf

?? **Maximum Monthly Use:** 536 Mcf (March)

?? **Minimum Monthly Use:** 17 Mcf (July)

J2.5 Secondary Metering

J2.5.1 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 J2.6 below.

TABLE 5
Existing Secondary Meters
Natural Gas Distribution System Channel Islands ANG Station

Meter Location	Meter Description
Building 602	American GT-3 Consumption Meter, range unknown, 1990
Building 701	American GT-3 Consumption Meter, range unknown, 1990
Building 801	American AL-1400 Consumption Meter, 1400 CFH at ½ in and 3000 CFH at 2 in, 1990
Building 802	Equimeter 1000 Consumption Meter, 1000 CFH at ½ in and 2200 CFH at 2 in, 1990
Building 1204	Equimeter S-275 Consumption Meter, range unknown, 1990
Building 1401	American GT-3 Consumption Meter, range unknown, 1990
Building 1402	American AL-425 Consumption Meter, 425 CFH at ½ in and 900 CFH at 2 in, 1990
Building 1501	American AL-800 Consumption Meter, 800 CFH at ½ in and 1700 CFH at 2 in, 1990
Building 1502	American AL-425 Consumption Meter, 425 CFH at ½ in and 900 CFH at 2 in, 1990
Building 1503	American AL-425 Consumption Meter, 425 CFH at ½ in and 900 CFH at 2 in, 1990
Building 1601	American AL-800 Consumption Meter, 800 CFH at ½ in and 1700 CFH at 2 in, 1990

J2.5.2 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 J2.6 below.

TABLE 6
New Secondary Meters
Natural Gas Distribution System Channel Islands ANG Station

Meter Location	Meter Description
None	

J2.6 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 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.
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 the person identified at time of contract award.

J2.7 Energy Saving Projects

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

J2.8 Service Area

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

J2.9 Off-Installation Sites

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

J2.10 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
Natural Gas Distribution System Channel Islands ANG Station

Location	Description
None	

J2.11 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 natural gas 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 through Schedule L-3. Renewal and replacement projects will be recovered through Sub-CLIN AB.

TABLE 8
System Deficiencies
Natural Gas Distribution System Channel Islands ANG Station

Project Location	Project Description
None	