ATTACHMENT J5

Greater Peoria Regional Airport (ANG) Natural Gas Distribution System

Table of Contents

List of Tables

J5 Greater Peoria Regional Airport (ANG) Natural Gas Distribution System

J5.1 Greater Peoria Regional Airport (ANG) Overview

The 182nd Airlift Wing (AW) of the Illinois Air National Guard occupies 339 acres of leased land, separated into two parcels of 334 and 5 acres respectively. All utility systems on the 5-acre parcel are already privatized. Both parcels of leased land are on the Greater Peoria Regional Airport, located approximately six miles southwest of Peoria, in north central Illinois. The mission of the 182nd AW is to provide air transportation of personnel and equipment to deployed locations. The unit currently flies the C-130E Hercules. The 182nd AW occupies five administrative and 30 industrial buildings, totaling approximately 413,406 square feet with 238 full-time personnel. A unit training drill is conducted once a month and results in a surge of up to a total of 1200 personnel.

J5.2 Natural Gas Distribution System Description

J5.2.1 Natural Gas Distribution System Fixed Equipment Inventory

The Greater Peoria Regional Airport (ANG) 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.

Specifically excluded from the natural gas system privatization are:

?? The Liquid Propane Air System

?? The natural gas distribution system owned by the Central Illinois Light Company (CILCO) enters the base at approximately 65 feet west of the centerline of Falcon Blvd and 50 feet north of the centerline of Munitions Road at the northwest corner of that intersection. Base ownership begins at the downstream side of the flange of the last isolation valve of the Central Illinois Light Company (CILCO) owned meter assembly.

J5.2.1.1 Description

Natural gas service is provided by Central Illinois Light Company (CILCO) and enters the base at one point. The configuration is a looped system with multiple dead-end branches and with gas delivered at 15 psig. The distribution system contains approximately 11,300 linear feet of PE pipe ranging from 3/4 to four inches in diameter. Pipes are buried at an average depth of 2.5 feet tracer wire. The

system contains 20 PE ball valves, one air release valve, fourteen meters, and 16 regulators. Base personnel indicate the capacity of the current system is adequate for present and future needs.

J5.2.1.2 Inventory

Table 1 provides a general listing of the major natural gas distribution system fixed assets for the Greater Peoria Regional Airport (ANG) natural gas distribution system included in the sale.

TABLE 1
Fixed Inventory
Natural Gas Distribution System Greater Peoria Regional Airport (ANG)

Item	Size	Quantity	Unit	Approximate Year of Construction
PE Pipe	(in)			
	3/4	75	LF	1999
	1	1990	LF	1992
	1	55	LF	1990
	1	270	LF	1993
	1.25	85	LF	1992
	1.25	145	LF	1991
	1.25	240	LF	1990
	1.25	172	LF	1994
	2	170	LF	1994
	2	258	LF	2000
	2	5026	LF	1990
	2	178	LF	1992
	3	135	LF	1999
	3	620	LF	1994
	4	1845	LF	1990
PE Ball Valves	(in)			
	3/4	1	EA	1999
	1	2	EA	1992
	1	1	EA	1990
	1	1	EA	1993
	1.25	1	EA	1992
	1.25	1	EA	1991
	1.25	1	EA	1990
	1.25	1	EA	1994

Item	Size	Quantity	Unit	Approximate Year of Construction
	2	1	EA	1994
	2	1	EA	2000
	2	5	EA	1990
	2	1	EA	1992
	3	1	EA	1999
	3	1	EA	1994
	4	1	EA	1990
Air Release Valve	(in)			
	6	1	EA	1990
Regulators	Orifice size (in)			
	3/4	1	EA	1999
	1	2	EA	1990
	1	1	EA	1999
	1	1	EA	2000
	1	3	EA	1992
	1.25	1	EA	1993
	1.5	1	EA	1994
	1.5	1	EA	1992
	1.5	2	EA	1990
	2	1	EA	1992
	2	1	EA	1994
	2	1	EA	1990
Meters (see Section J5.5 for more details)				
		4	EA	1994
		3	EA	1992
		1	EA	1993
		6	EA	1990

Notes:
PE = Polyethylene
LF = Linear Feet
EA = Each
IN = Inches

J5.2.2 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 Greater Peoria Regional Airport (ANG)

Qty	Item	Make/Model	Description	Remarks
None				

TABLE 3
Specialized Vehicles and Tools
Natural Gas Distribution System Greater Peoria Regional Airport (ANG)

Description	Quantity	Location	Maker
None			

J5.2.3 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 Greater Peoria Regional Airport (ANG)

Qty	Description	Remarks
1	Natural Gas System Plan	Blueprints

J5.3 Specific Service Requirements

The service requirements for the Greater Peoria Regional Airport (ANG) natural gas distribution system are as defined in the Section C Description/Specifications/Work Statement.

J5.4 Current Service Arrangement

?? **Current Provider:** Central Illinois Light Company (CILCO)

?? **Average Annual Usage (2000):** 18,600 kCF

?? **Maximum Monthly Use:** 4,860 kCF (January)

?? **Minimum Monthly Use:** 53 kCF (June)

J5.5 Secondary Metering

J5.5.1 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 J5.6 below.

TABLE 5
Existing Secondary Meters
Natural Gas Distribution System Greater Peoria Regional Airport (ANG)

Meter Location (Building #)	Meter Description
528	Schlumberger, 1.5 inch, Model 2040/40AZ, 1500 CFH, 1994
530	Sprague, Model 250, 1 inch, 275 CFH, 1994
536	Schlumberger,, Model B-31-R, 1 inch, 1200 CFH, 1992
620	American Meter, Model Al-425, 1.25 inch, 425 CFH @1/2 in diff, 900 CFH @ 2 in diff, 1993
628	American Meter, Model Al-2300, 4 inch, 2300 CFH @1/2 in diff, 5000 CFH @ 2 in diff, 1994
636	American Meter, Model Al-425, 1.25 inch, 425 CFH @1/2 in diff, 900 CFH @ 2 in diff, 1990
728	American Meter, Model Al-425, 1.25 inch, 425 CFH @1/2 in diff, 900 CFH @ 2 in diff, 1992
730	Sprague, Model 675, 1.5 in, 625 CFH @ ½ WC, 1325 CFH @ 2 in WC, 1990
734	Rockwell, Model S-90, 4 inch, 2500 CFH @ ½ in diff, 5000 CFH @ 2 in diff, 1990
820	Schlumberger, Model 2050/100 A1, 1.5 inch, Min 150 CFH, Max 3000 CFH, 1994
830	Sprague, Model 675, 1.5 inch. 625 CFH @ ½ in WC, 1325 CFH @ 2 in WC, 1990
834	Rockwell, Model 750, 1.5 in, 750 CFH @ ½ in diff, 1600 CFH @ 2 in diff, 1990
836	Roots Meter, Model: 5M175, 2 in, 5000 CFH, 1992
831	American Meter, Model AL-1400, 3 inch, 1400 CFH @ ½ in diff, 3000 CFH @ 2 in diff, 1990

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.13 Transition Plan. After installation, the Contractor shall maintain and read these meters IAW Paragraphs C.3 and J5.6 below.

TABLE 6
New Secondary Meters
Natural Gas Distribution System Greater Peoria Regional Airport (ANG)

Meter Location	Meter Description
630	To be determined
632	To be determined

J5.6 Monthly Submittals

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

1. Invoice (IAW 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.

J5.7 Energy Saving Projects

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

J5.8 Service Area

IAW Paragraph C.4 Service Area, the service area is defined as all areas within the Greater Peoria Regional Airport (ANG) boundaries.

J5.9 Off-Installation Sites

No off-installation sites are included in the sale of the Greater Peoria Regional Airport (ANG) natural gas distribution system.

J5.10 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 Greater Peoria Regional Airport (ANG)

Location	Description
None	

J5.11 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 Greater Peoria Regional Airport (ANG) 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 Greater Peoria Regional Airport (ANG)

Project Location	Project Description
None	