

Duluth IAP (ANG) Natural Gas Distribution System

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J2 Duluth IAP (ANG) Natural Gas Distribution System

J2.1 Duluth IAP (ANG) Overview

J2.2 Natural Gas Distribution System Description

The 148th Fighter Wing is located at Duluth International Airport in St. Louis County, Minnesota, seven miles northwest of downtown Duluth. The main base occupies 153.3 acres on the northeast corner of the airport. Additionally, the munitions storage area (physically separated from the main base) occupies 16.71 acres north of Runway 09/27. The base has a total of 37 buildings; 18 industrial and 19 administrative. Normal base population is 320 personnel but surges to 1100 occur once each month during drill sessions. The 148th currently flies the F-16 ADF Fighting Falcon. Its mission is to “Provide the best Air Defense, Service, and Support to the State and the Nation in times of peace and war.

J2.2.1 Natural Gas Distribution System Fixed Equipment Inventory

The Duluth IAP (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 distribution system privatization are:

1. All meter and regulator assemblies are owned by City of Duluth Comfort Systems

J2.2.1.1 Description

The Duluth IAP (ANG) natural gas distribution system is a dead-end system. It has a system pressure of 60 psi and consists of approximately 7300 linear feet of 2-inch polyethylene (PE) pipe and 6, ¼-turn PE Ball valves. There are 2 service lines that enter the base approximately 200 feet south of building 202 at the front gate. The system is providing gas service to 12 facilities on base and all meters and regulator valves are owned by the gas supplier “City of Duluth Comfort Systems”. The condition of the system PE piping is considered to be good and the PE ball valves are in excellent condition. Gas was first installed at the base in 1978. Since that time, there has been no history of leaks or outages.

J2.2.1.2 Inventory

Table 1 provides a general listing of the major natural gas distribution system fixed assets for the Duluth IAP (ANG) natural gas distribution system included in the sale.

TABLE 1
Fixed Inventory
Natural Gas Distribution System Duluth IAP (ANG)

Item	Size (in.)	Quantity	Unit	Approximate Year of Construction
PE Gas Pipe	2.00	1400	LF	1978
	2.00	900	LF	1984
	2.00	3300	LF	1985
	2.00	400	LF	1988
	2.00	1300	LF	1992
PE Ball Valves	2.00	1	EA	1978
	2.00	1	EA	1984
	2.00	2	EA	1985
	2.00	1	EA	1988
	2.00	1	EA	1994

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.

None

TABLE 2
Spare Parts
Natural Gas Distribution System Duluth IAP (ANG)

Qty	Item	Make/Model	Description	Remarks
None				

TABLE 3
Specialized Vehicles and Tools
Natural Gas Distribution System Duluth IAP (ANG)

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 Duluth IAP (ANG)

Qty	Item	Description	Remarks
1	1	AutoCAD Gas Utility System Map file	One electronic file copy

J2.3 Specific Service Requirements

The service requirements for the Duluth IAP (ANG) natural gas distribution system are as defined in the Section C, *Description/Specifications/Work Statement*.

J2.4 Current Service Arrangement

The provider is the City of Duluth Comfort Systems. The average usage is 98,783 cubic feet per day and the usage fluctuates plus or minus 5000 cubic feet per day.

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 Duluth IAP (ANG)

Meter Location	Meter Description
None	

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 Duluth IAP (ANG)

Meter Location	Meter Description
None	

J2.6 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. 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 Duluth IAP (ANG) boundaries.

J2.9 Off-Installation Sites

No off-installation sites are included in the Duluth IAP (ANG) 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 Duluth IAP (ANG)

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 Duluth IAP (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 Renewal and Replacement 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
Natural Gas Distribution System Duluth IAP (ANG)

Project Location	Project Description
None	