

ATTACHMENT J26

Toledo Express Airport (ANG) Natural Gas Distribution System

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J26 Toledo Express Airport (ANG) Natural Gas Distribution System

J26.1 Toledo Express Airport (ANG) Overview

The 180th Fighter Wing (FW) of the Ohio Air National Guard occupies 135.4 acres of leased land on the Toledo Express Airport (ANG), located approximately 22 miles west of Toledo, Ohio. The mission of the 180th FW is to provide combat ready F16C and support units capable of deploying world-wide in minimum response time. The 180th FW occupies 3 administrative, 13 industrial, and 7 services buildings totaling approximately 321,882 square feet with 290 full-time personnel. A unit training drill is conducted once a month and results in a surge of up to a total of 900 personnel.

J26.2 Natural Gas Distribution System Description

J26.2.1 Natural Gas Distribution System Fixed Equipment Inventory

The Toledo Express 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.

J26.2.1.1 Description

Columbia Gas Company provides natural gas service. It enters the base at three points. The configuration consists of three separate dead-end systems with gas delivered at 250 psig and distributed at 50 psig. The distribution system contains approximately 5100 linear feet of polyethylene (PE) pipe and 3400 linear feet of steel pipe ranging from ¾ inch to two inches in diameter. Pipes are buried at an average depth of five feet and are marked with tracer wire over the PE pipe and no tracer wire over the steel pipe. The system contains three PE ball valves, one steel plug valve, five meters and 19 regulators. Base personnel indicate the capacity of the current system is adequate for present and future needs.

J26.2.1.2 Inventory

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

TABLE 1

Fixed Inventory

Natural Gas Distribution System Toledo Express Airport (ANG)

Item	Size	Quantity	Unit	Approximate Year of Construction
PE Pipe	(in)			
	¾	105	LF	1980
	1	170	LF	1997
	1	380	LF	1980
	1.25	145	LF	1991
	2	960	LF	1992
	2	1610	LF	1978
	2	795	LF	1994
	2	895	LF	1997
Steel Pipe	(in)			
	2	3400	LF	1972
Steel Plug Valves	(in)			
	2	1	EA	1972
PE Ball Valves	(in)			
	1	1	EA	1997
	2	1	EA	1980
	2	1	EA	1976
Regulators	Orifice size (in)			
Equimeter	1/8	1	EA	1997
Fisher-Controls	1/4	1	EA	1978
American	3/16	1	EA	1991
Fisher-Controls	3/16	1	EA	1997
Fisher-Governor	3/16	1	EA	1978
Rockwell	3/16	1	EA	1980
Schlumberger	3/8	1	EA	1997
Fisher-Governor	3/8	2	EA	1980
American	1/2	1	EA	1978
American	1/2	1	EA	1978
Rockwell	1/2	1	EA	1978
Fisher-Governor	1/2	3	EA	1992
Fisher-Governor	1/2	1	EA	1980
Fisher-Governor	1/2	1	EA	1978

Item	Size	Quantity	Unit	Approximate Year of Construction
Fisher-Governor	3/4	1	EA	1978
Equimeter	3/4	1	EA	1997
Meters (See Section J26.5 for more details)				
American, 800 CFH at ½ in & 1700 CFH at 2 in		1	EA	1978
Equimeter, 275 CFH at 5 PSI		1	EA	1997
Equimeter, 100 CFH at ½ in & 2000 CFH at 2 in		1	EA	1997
Equimeter, 415 CFH at ½ in & 900 CFH at 2 in		1	EA	1980
Metric Metal Works estimated at 700 CFH at 2 in		1	EA	1997
Notes:				
PE = Polyethylene				
LF = Linear Feet				
EA = Each				
IN = Inches				
CFH = Cubic Feet Hour				
PSI = Pounds per Square Inch				

J26.2.2 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 Toledo Express Airport (ANG)

Qty	Item	Make/Model	Description	Remarks
None				

TABLE 3
Specialized Vehicles and Tools
Natural Gas Distribution System Toledo Express Airport (ANG)

Description	Quantity	Location	Maker
None			

J26.2.3 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 Toledo Express Airport (ANG)

Qty	Description	Remarks
1	Natural Gas Utility System Maps (electronic copy)	AutoCAD Release Version 2000

J26.3 Specific Service Requirements

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

J26.4 Current Service Arrangement

?? **Current Provider:** Columbia Gas Company

?? **Average Annual Usage (2000):** 22,653 MCF

?? **Maximum Monthly Use:** 4,751 MCF (January)

?? **Minimum Monthly Use:** 103 MCF (July)

J26.5 Secondary Metering

J26.5.1 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 J26.6 below.

TABLE 5

Existing Secondary Meters

Natural Gas Distribution System Toledo Express Airport (ANG)

Meter Location (Building Number)	Meter Description
Bldg. 127	Equimeter , Model 415, 415 CFH at ½ in and 900 at 2 in diff, 1980
Bldg. 148	Equimeter, Model 275, estimated at 275 CFH, 1997
Bldg. 124	American Meter, 800 CFH at ½", 1700 CFH at 2", 1978
Bldg. 137	Equimeter, Model 100, 100 CFH at ½ in and 2000 CFH at 2 in diff, 1997
Bldg. 149	Metric Metal Works, estimated at 700 CFH, 1997

J26.5.2 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 J26.6 below.

TABLE 6

New Secondary Meters

Natural Gas Distribution System Toledo Express Airport (ANG)

Meter Location	Meter Description
None	

J26.6 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.

J26.7 Energy Saving Projects

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

J26.8 Service Area

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

J26.9 Off-Installation Sites

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

J26.10 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 Toledo Express Airport (ANG)

Location	Description
None	

J26.11 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 Toledo Express 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 Toledo Express Airport (ANG)

Project Location	Project Description
None	