

ATTACHMENT J15

Louisville IAP (ANG) Natural Gas Distribution System

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J15 Louisville IAP (ANG) Natural Gas Distribution System

J15.1 Louisville IAP (ANG) Overview

The 123rd Airlift Wing (AW) of the Kentucky Air National Guard occupies two parcels of leased land on the Louisville International Airport (IAP); one of 76 acres and the other of 5. The base is located on the northeast side of the airport approximately five miles south of downtown Louisville, Kentucky. The mission of the 123rdAW is to provide worldwide theater airlift for U.S. military and to support humanitarian operations. The unit currently flies the C-130H model aircraft and occupies four administrative, six industrial and two services buildings totaling approximately 355,000 square feet. The 123rd has 334 full-time personnel, a number that surges once a month to 1,180 personnel during unit training drills.

J15.2 Natural Gas Distribution System Description

J15.2.1 Natural Gas Distribution System Fixed Equipment Inventory

The Louisville 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, meters, and sacrificial anodes. 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:

?? The entire gas system servicing the 5-acre parcel is already privatized. It is owned by Louisville Gas & Electric Company; approximately 340 linear feet of distribution piping and the two gas meters servicing Buildings 800 and 810.

J15.2.1.1 Description

Natural gas service is provided by the Louisville Gas & Electric Company. It enters the base at a single point near the main gate. The configuration is a dead-end distribution system with gas delivered at 90 psig and distributed at 14 psig. The distribution system contains approximately 4,600 linear feet of steel pipe ranging from two to six inches in diameter. Pipes are buried at an average depth of four feet and are not marked with tracer wire. The system contains seven steel plug valves, nine meters, ten regulators, and ten sacrificial anodes. Base personnel indicate the capacity of the current system is adequate for present and future needs.

J15.2.1.2 Inventory

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

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

Item	Size	Quantity	Unit	Approximate Year of Construction
Steel Pipe	(in)			
	2	442	LF	1995
	3	571	LF	1995
	4	380	LF	1995
	6	3253	LF	1995
Steel Plug Valves	(in)			
	4	7	EA	1995
Sacrificial Anodes				
		10	EA	1995
Regulators	Orifice size (in)			
	3/16	1	EA	1995
	1/4	4	EA	1995
	1/2	3	EA	1995
	3/4	1	EA	1995
	1	1	EA	1995
Meters (see description in Section J15.5.1)				
		9	EA	1995
Notes:				
LF = Linear Feet				
EA = Each				
IN = Inches				

J15.2.2 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 Louisville IAP (ANG)

Qty	Item	Make/Model	Description	Remarks
None				

TABLE 3

Specialized Vehicles and Tools

Natural Gas Distribution System Louisville IAP (ANG)

Description	Quantity	Location	Maker
None			

J15.2.3 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 Louisville IAP (ANG)

Qty	Description	Remarks
1	Natural Gas Utility System Maps (electronic copy)	AutoCAD Release Version 14

J15.3 Specific Service Requirements

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

J15.4 Current Service Arrangement

?? **Current Provider:** Louisville Gas & Electric (LG&E)

?? **Average Annual Usage (2000):** 15,500 MCF

?? **Maximum Monthly Use (January):** 3832 MCF

?? **Minimum Monthly Use (July):** 72 MCF

J15.5 Secondary Metering**J15.5.1 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 J15.6 below.

TABLE 5

Existing Secondary Meters

Natural Gas Distribution System Louisville IAP (ANG)

Meter Location	Meter Description
Building 700	American Meter AL-1000, 1995
Building 200	American Meter AL-425, 1995
Building 300	Roots Meter 2H175, 1995
Building 400	American AI-1400, 1995
Building 100	Romet Ltd. 5000, 1995
Building 500	Roots Meter 5H175, 1995
Building 510	Roots Meter 3M175, 1995
Building 600	Roots Meter 3C175, 1995
Building 610	Equimeter 415, 1995

J15.5.2 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 J15.6 below.

TABLE 6
 New Secondary Meters
 Natural Gas Distribution System Louisville IAP (ANG)

Meter Location (Building #)	Meter Description
None	

J15.6 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.

J15.7 Energy Saving Projects

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

J15.8 Service Area

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

J15.9 Off-Installation Sites

No off-installation sites are included in the sale of the Louisville IAP (ANG) natural gas distribution system.

J15.10 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 Louisville IAP (ANG)

Location	Description
None	

J15.11 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 Louisville 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 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 Louisville IAP (ANG)

Project Location	Project Description
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None	
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