

ATTACHMENT J11

# Terre Haute International Airport-Hulman Field (ANG) Natural Gas Distribution System

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# **J11 Terre Haute International Airport-Hulman Field (ANG) Natural Gas Distribution System**

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## **J11.1 Terre Haute International Airport-Hulman Field (ANG) Overview**

The 181<sup>st</sup> Fighter Wing (FW) of the Indiana Air National Guard occupies 891.88 acres of leased land on the Terre Haute International Airport-Hulman Field, situated approximately five miles east of downtown Terre Haute, located in west central Indiana. The mission of the 181<sup>st</sup> FW is to provide trained personnel and equipment to protect life and property, and preserve the peace, order and public safety of the state of Indiana when directed by the Governor. The unit currently flies the F-16 Falcon. The 181<sup>st</sup> FW occupies 4 administrative, 23 industrial, and 4 services buildings totaling approximately 323,335 square feet with 275 full-time personnel. A unit training drill is conducted once a month and results in a surge of up to a total of 1250 personnel.

## **J11.2 Natural Gas Distribution System Description**

### **J11.2.1 Natural Gas Distribution System Fixed Equipment Inventory**

The Terre Haute International Airport-Hulman Field (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 is:

?? Gas service to Building 61 is owned by the Indiana Gas Company

#### **J11.2.1.1 Description**

Natural gas service is provided by the Indiana Gas Company and enters the base at two points. The configuration is a branched dead-end system with gas delivered at 300 psig and distributed at 10 psig. The distribution system contains approximately 2,200 linear feet of PE pipe and 3,300 linear feet of steel pipe. Pipe diameter ranges from 3/4 inch to four inches. Pipes are buried at an average depth of three feet and are not marked with tracer wire. The system contains four steel plug valves, six meters

and six regulators. Base personnel indicate the capacity of the current system is adequate for present and future needs.

### J11.2.1.2 Inventory

**Table 1** provides a general listing of the major natural gas distribution system fixed assets for the Terre Haute International Airport-Hulman Field (ANG) natural gas distribution system included in the sale.

**TABLE 1**

Fixed Inventory

Natural Gas Distribution System Terre Haute International Airport-Hulman Field (ANG)

Item	Size	Quantity	Unit	Approximate Year of Construction
<b>PE Pipe</b>	(in)			
	2	149	LF	1997
	2	248	LF	2000
	4	1804	LF	1997
<b>Steel Pipe</b>	(in)			
	¾	53	LF	1981
	2	191	LF	1986
	2	191	LF	1991
	2	276	LF	1992
	2.5	145	LF	1967
	4	205	LF	1962
	4	1148	LF	1967
	4	212	LF	1974
	4	218	LF	1976
	4	650	LF	1998
<b>Steel Plug Valves</b>	(in)			
	2	1	EA	1992
	4	2	EA	1997
	4	1	EA	2000
<b>Regulators</b>	Orifice size (in)			
	Unknown	1	EA	1955
	Unknown	1	EA	1981
	5/16	1	EA	1997
	3/8	1	EA	1985

Item	Size	Quantity	Unit	Approximate Year of Construction
	3/4	1	EA	2001
	1	1	EA	1998
<b>Meters (described further in Section J11. 5)</b>				
<b>Equimeter</b>		1	EA	2001
<b>Rockwell</b>		2	EA	1981
<b>American</b>		1	EA	1998
<b>Rockwell</b>		1	EA	1997
<b>American</b>		1	EA	1997
Notes:				
PE = Polyethylene				
LF = Linear Feet				
EA = Each				
IN = Inches				

### J11.2.2 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 Terre Haute International Airport-Hulman Field (ANG)

Qty	Item	Make/Model	Description	Remarks
None				

**TABLE 3**  
Specialized Vehicles and Tools  
Natural Gas Distribution System Terre Haute International Airport-Hulman Field (ANG)

Description	Quantity	Location	Maker
None			

### J11.2.3 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 Terre Haute International Airport-Hulman Field (ANG)

Qty	Description	Remarks

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

### J11.3 Specific Service Requirements

The service requirements for the Terre Haute International Airport-Hulman Field (ANG) natural gas distribution system are as defined in the Section C Description/Specifications/Work Statement.

### J11.4 Current Service Arrangement

- ?? **Current Provider:** Indiana Gas Company
- ?? **Average Annual Usage (2000):** 1,886 MCF
- ?? **Maximum Monthly Use:** 567 MCF (Dec)
- ?? **Minimum Monthly Use:** 13 MCF (Sep)

### J11.5 Secondary Metering

#### J11.5.1 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 J11.6 below.

**TABLE 5**  
Existing Secondary Meters  
Natural Gas Distribution System Terre Haute International Airport-Hulman Field (ANG)

Meter Location (building #)	Meter Description
Building 67 (Corrosion Control)	Equimeter 750 CFH at 1/2" & 1600 at 2" diff., 2
Building 40 (Squadron Operations)	Rockwell 750 at 1/2" & 1600 at 2" diff, 1981
Building 64 (CE)	American 800 at 1/2" & 1700 at 2" diff, 1998
Building 63 (Med/Dining)	Rockwell r-200 200 CFH, 1997
Building 62 (Composite)	American 425 at 1/2" & 900 at 2" diff, 1997
Bldg.#38 (Avionics)	Rockwell 750 at 1/2" & 1600 at 2" diff, 1981

#### J11.5.2 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 J11.6 below.

**TABLE 6**  
New Secondary Meters  
Natural Gas Distribution System Terre Haute International Airport-Hulman Field (ANG)

Meter Location	Meter Description
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None	
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## J11.6 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 25<sup>th</sup> 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 25<sup>th</sup> 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 15<sup>th</sup> 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 25<sup>th</sup> of each month for the previous month. System efficiency reports shall be submitted to the person identified at time of contract award.

## J11.7 Energy Saving Projects

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

## J11.8 Service Area

IAW Paragraph C.4 Service Area, the service area is defined as all areas within the Terre Haute International Airport-Hulman Field (ANG) boundaries.

## J11.9 Off-Installation Sites

No off-installation sites are included in the sale of the Terre Haute International Airport-Hulman Field (ANG) natural gas distribution system.

## J11.10 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 Terre Haute International Airport-Hulman Field (ANG)

Location	Description
None	

## J11.11 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 Terre Haute International Airport-Hulman Field (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 Terre Haute International Airport-Hulman Field (ANG)

Project Location	Project Description
None	