

ATTACHMENT J9

Ft Wayne IAP (ANG) Wastewater Collection System

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J9 Ft Wayne IAP (ANG) Wastewater Collection System

J9.1 Ft Wayne IAP (ANG) Overview

The 122nd Fighter Wing (FW) of the Indiana Air National Guard occupies 166 acres of leased land on the Fort Wayne International Airport (IAP), located approximately three miles south of downtown Fort Wayne, Indiana. The mission of the 122nd FW is to achieve and maintain the level of operational readiness that will provide trained and equipped combat-ready tactical units, capable of global deployment, ready for immediate integration into the active Air Force to assure air offense, air defense, or joint action with ground forces. The unit currently flies the F-16 Falcon. The 122 FW occupies five administrative, and 30 industrial buildings totaling approximately 423,000 square feet with 287 full-time personnel. A unit training drill is conducted twice a month and results in a surge of up to a total of 974 personnel. There are currently three funded projects that will affect the base in the future. The first is a project entitled "Replace Fuel Cell and Corrosion Control Facility" which has a planned start date of October 2001. The second is a project entitled "Repair of Base Roads": realignment and construction of 4350 LF roadway including a new main entrance, planned bid date is 2001 with construction in 2002. The third is entitled "Construction of New Dining Facility/Medical Training Facility" which is ongoing with completion scheduled for September 2002.

J9.2 Wastewater Collection System Description

J9.2.1 Wastewater Collection System Fixed Equipment Inventory

The Ft Wayne IAP (ANG) Wastewater Collection System consists of all appurtenances physically connected to the collection system from the point of demarcation defined by the Right of Way. The system may include, but is not limited to, pipelines, manholes, and lift stations. 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 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 Wastewater Collection System privatization are:

?? Oil water separators

?? Storm sewers

J9.2.1.1 Description

The Ft Wayne IAP (ANG) wastewater collection system operates via a combination of gravity flow and force mains and exits the base at one location. The wastewater collection system consists of approximately 340 linear feet of concrete pipe, 1,100 linear feet of reinforced concrete pipe, and

5,400 linear feet of vitrified clay pipe. Pipes range in size from six to twelve inches. Pipe depth ranges from four to twelve feet without tracer wire or warning tape. The system includes five lift stations and twelve manholes ranging from eight to twelve feet in depth. Base personnel indicate the capacity of the current system is adequate for present and future needs.

J9.2.1.2 Inventory

Table 1 provides a general listing of the major Wastewater Collection System fixed assets for the Ft Wayne IAP (ANG) Wastewater Collection System included in the sale.

TABLE 1

Fixed Inventory

Wastewater Collection System Ft Wayne IAP (ANG)

Item	Size	Quantity	Unit	Approximate Year of Construction
Concrete Pipe	(in)			
	6	340	LF	1958
Vitrified Clay Pipe	(in)			
	6	245	LF	1990
	6	160	LF	1957
	6	65	LF	1954
	6	465	LF	1953
	6	260	LF	1979
	6	130	LF	1958
	6	150	LF	1985
	6	900	LF	1993
	6	285	LF	1980
	6	230	LF	1976
	6	390	LF	1998
	6	180	LF	1987
Force main	6	1970	LF	1993
Reinforced Concrete Pipe	(in)			
	12	710	LF	1990
	12	350	LF	1953
Standard Sanitary Sewer Manhole, 4 ft diameter	Depth (ft)			
Brick	8	1	EA	1953
Brick	12	1	EA	1953
Pre-cast Concrete	8	2	EA	1990

Item	Size	Quantity	Unit	Approximate Year of Construction
Pre-cast Concrete	8	3	EA	1993
Pre-cast Concrete	8	1	EA	1980
Pre-cast Concrete	8	1	EA	1976
Pre-cast Concrete	8	2	EA	1987
Pre-cast Concrete	12	1	EA	1998
Wastewater Lift/Pump Station				
Lift Station #1		1	EA	1958
Lift Station #2		1	EA	1980
Lift Station #3		1	EA	1993
Lift Station #4		1	EA	1953
Lift Station #5		1	EA	1954
Wastewater Pump	(HP)			
Lift Station #1, Grinder submersible	10.5	1	EA	1996
Lift Station #2, Grinder submersible	1	2	EA	2000
Lift Station #3, Grinder submersible	1.5	2	EA	1993
Lift Station #4, Grinder submersible	7.5	2	EA	1990
Lift Station #5, Grinder submersible	3.5	2	EA	1996
Notes:				
LF = Linear Feet				
In = Inches				
FT = Feet				
HP = Horsepower				
EA = Each				

J9.2.2 Wastewater Collection 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
Wastewater Collection System Ft Wayne IAP (ANG)

Qty	Item	Make/Model	Description	Remarks
None				

TABLE 3
Specialized Vehicles and Tools
Wastewater Collection System Ft Wayne IAP (ANG)

Description	Quantity	Location	Maker
None			

J9.2.3 Wastewater Collection 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
Wastewater Collection System Ft Wayne IAP (ANG)

Qty	Description	Remarks
1	Sanitary Sewer, NO.46096A1610-21-92, 2 sheets	AutoCAD Release Version 2000

J9.3 Specific Service Requirements

The service requirements for the Ft Wayne IAP (ANG) Wastewater Collection System are as defined in the Section C Description/Specifications/Work Statement.

J9.4 Current Service Arrangement

?? **Current Provider:** City of Fort Wayne

?? **Average Annual Effluent (2000):** 2,644 kGal

?? **Maximum Monthly Effluent:** 436 kGal (May)

?? **Minimum Monthly Effluent:** 90 kGal (November)

?? **A railroad passes through the middle of the installation. This railroad averages about 34 trains per day. The permit for a railroad utility crossing is secured prior to construction and is granted by the state Public Service Commission.**

J9.5 Secondary Metering

The Contractor shall install and calibrate new secondary meters as listed in **Table 5**. 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 J9.6 below.

TABLE 5

New Secondary Meters
Wastewater Collection System Ft Wayne IAP (ANG)

Meter Location	Meter Description
None	

J9.6 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 (blockage and overflow information) 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. Infiltration and Inflow Report. If required by Paragraph C.3, the Contractor shall submit an Infiltration and Inflow 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.

J9.7 Infiltration and Inflow (I&I) Projects

IAW Paragraph C.3 Utility Service Requirement, the following projects have been implemented by the Government for managing and monitoring I&I: None.

J9.8 Service Area

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

J9.9 Off-Installation Sites

No off-installation sites are included in the sale of the Ft Wayne IAP (ANG) Wastewater Collection System.

J9.10 Specific Transition Requirements

IAW Paragraph C.13 Transition Plan, **Table 6** provides a listing of service connections and disconnections required upon transfer.

TABLE 6
Service Connections and Disconnections
Wastewater Collection System Ft Wayne IAP (ANG)

Location	Description
None	

J9.11 Government Recognized System Deficiencies

Table 7 provides a listing of system improvements that the Government has planned. The Government recognizes these improvement projects as representing current deficiencies associated with the Ft Wayne IAP (ANG) Wastewater Collection 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 recovered through Schedule L-3. Renewal and replacement projects will be recovered through Sub-CLIN AB.

TABLE 7
 System Deficiencies
 Wastewater Collection System Ft Wayne IAP (ANG)

Project Description
None