

ATTACHMENT J7

Greater Peoria Regional Airport (ANG) Wastewater Collection System

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J7 Greater Peoria Regional Airport (ANG) Wastewater Collection System

J7.1 Greater Peoria Regional Airport (ANG) Overview

The 182nd Airlift Wing (AW) of the Illinois Air National Guard occupies 339 acres of leased land, separated into two parcels of 334 and 5 acres respectively. All utility systems on the 5-acre parcel are already privatized. Both parcels of leased land are on the Greater Peoria Regional Airport, located approximately six miles southwest of Peoria, in north central Illinois. The mission of the 182nd AW is to provide air transportation of personnel and equipment to deployed locations. The unit currently flies the C-130E Hercules. The 182nd AW occupies five administrative and 30 industrial buildings, totaling approximately 413,406 square feet with 238 full-time personnel. A unit training drill is conducted once a month and results in a surge of up to a total of 1200 personnel.

J7.2 Wastewater Collection System Description

J7.2.1 Wastewater Collection System Fixed Equipment Inventory

The Greater Peoria Regional Airport (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

J7.2.1.1 Description

The Greater Peoria Regional Airport (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 2,700 linear feet of PVC pipe, 5,700 linear feet of vitrified clay pipe, and 1,800 linear feet of ductile iron pipe. Pipes range in size from four to eight inches. Pipe depth ranges from six to 14 feet with tracer wire or warning tape. The system includes one lift station and 21 pre-cast concrete manholes ranging from six to 14 feet in depth. Base personnel indicate the capacity of the current system is adequate for present and future needs.

J7.2.1.2 Inventory

Table 1 provides a general listing of the major Wastewater Collection System fixed assets for the Greater Peoria Regional Airport (ANG) Wastewater Collection System included in the sale.

TABLE 1

Fixed Inventory

Wastewater Collection System Greater Peoria Regional Airport (ANG)

Item	Size	Quantity	Unit	Approximate Year of Construction
PVC Pipe	(in)			
	4	80	LF	1992
	4	60	LF	1999
	4	614	LF	1994
	4	80	LF	1990
	6	372	LF	1990
	6	1165	LF	1994
	6	159	LF	1993
	8	80	LF	1990
	8	96	LF	1999
Vitrified Clay Pipe	(in)			
	4	692	LF	1990
	6	222	LF	1990
	6	92	LF	1992
	8	4743	LF	1990
Ductile Iron Pipe	(in)			
	6	118	LF	1991
Force Main	6	1696	LF	1990
Standard Sanitary Sewer Manhole, 4 ft diameter	Depth (ft)			
Pre-cast	6	1	EA	1990
Pre-cast	8	2	EA	1990
Pre-cast	10	9	EA	1990
Pre-cast	12	4	EA	1990
Pre-cast	14	5	EA	1990
Wastewater Lift/Pump Station	Depth (ft)			
	9	1	EA	1990
Wastewater Pump	(HP)			

Item	Size	Quantity	Unit	Approximate Year of Construction
Submersible pump	7.5	1	EA	1990
Submersible pump	7.5	1	EA	2000
Notes:				
PVC = Polyvinyl Chloride				
LF = Linear Feet				
In = Inches				
FT = Feet				
HP = Horsepower				
EA = Each				

J7.2.2 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 Greater Peoria Regional Airport (ANG)

Qty	Item	Make/Model	Description	Remarks
None				

TABLE 3
Specialized Vehicles and Tools
Wastewater Collection System Greater Peoria Regional Airport (ANG)

Description	Quantity	Location	Maker
None			

J7.2.3 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 Greater Peoria Regional Airport (ANG)

Qty	Description	Remarks
1	Sanitary Sewer Layout	Blueprint

J7.3 Specific Service Requirements

The service requirements for the Greater Peoria Regional Airport (ANG) Wastewater Collection System are as defined in the Section C Description/Specifications/Work Statement.

J7.4 Current Service Arrangement

- ?? **Current Provider:** Greater Peoria Sanitary District
- ?? **Average Annual Effluent (2000):** 4700 kGals
- ?? **Maximum Monthly Effluent:** 580 kGals (September)
- ?? **Minimum Monthly Effluent:** 260 kGals (December)
- ?? **Amounts estimated at 100% of the water bill**

J7.5 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 J7.6 below.

TABLE 5
 New Secondary Meters
 Wastewater Collection System Greater Peoria Regional Airport (ANG)

Meter Location	Meter Description
None	

J7.6 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.

J7.7 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.

J7.8 Service Area

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

J7.9 Off-Installation Sites

No off-installation sites are included in the sale of the Greater Peoria Regional Airport (ANG) Wastewater Collection System.

J7.10 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 Greater Peoria Regional Airport (ANG)

Location	Description
None	

J7.11 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 Greater Peoria Regional Airport (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 Greater Peoria Regional Airport (ANG)

Project Location	Project Description
None	

