

ATTACHMENT J9

Rosecrans Memorial Airport (ANG) Wastewater Collection System

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J9 Rosecrans Memorial Airport (ANG) Wastewater Collection System

J9.1 Rosecrans Memorial Airport (ANG) Overview

Rosecrans Memorial Airport is located in northwestern Missouri, approximately 40 miles north of Kansas City and 4 miles west of Saint Joseph, Missouri. Owned and operated by the City of Saint Joseph, Rosecrans Memorial Airport is home to the 139th Airlift Wing whose mission is to train, equip, and maintain units and individuals to meet worldwide requirements for federal day-to-day and mobilization missions and state emergencies. The base is located on the east side of the airport and consists of a total of 42 buildings: 32 industrial and 10 administrative totaling 309,000 square feet with no transient housing or billeting. The Air National Guard occupies a 101 acre parcel of land; 54 acres owned by the US Government and 47 acres leased from the City of Saint Joseph. Day-to-day activities are managed by 352 full-time personnel. This increases to 997 personnel during the unit training drills conducted one weekend each month.

J9.2 Wastewater Collection System Description

J9.2.1 Wastewater Collection System Fixed Equipment Inventory

The Rosecrans Memorial 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, lift stations, and pumps. 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 and associated wet wells and pumps
- ?? Grease Traps
- ?? Tanks and Drainage systems to tanks to support fire suppression systems
- ?? The City of Saint Joseph owns five lift stations (designated LS 1 thru LS-5) which are located on the base.

J9.2.1.1 Description

The Rosecrans Memorial Airport (ANG) wastewater collection system operates via both gravity flow and force mains. The wastewater collection system consists of approximately 2700 linear feet of PVC pipe ranging in size from four to eight inches, 300 linear feet of 6-inch ductile iron pipe; and

approximately 2800 linear feet of vitrified clay pipe ranging in size from four to ten inches. Pipe depths range from three to six feet without tracer wire or warning tape. The system includes three lift stations, ranging from six to 13 feet deep, five pre-cast concrete manholes and 10 brick manholes ranging from six to 12 feet deep. 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 Rosecrans Memorial Airport (ANG) Wastewater Collection System included in the sale.

TABLE 1
Fixed Inventory
Wastewater Collection System Rosecrans Memorial Airport (ANG)

Item	Size	Quantity	Unit	Approximate Year of Construction
PVC Pipe	(in)			
	4	521	LF	1990
	4	736	LF	1986
	4	817	LF	1994
	4	221	LF	1995
	8	383	LF	1997
Ductile Iron Pipe	(in)			
	6	84	LF	1967
	6	196	LF	1974
Vitrified Clay Pipe	(in)			
	4	452	LF	1959
	6	337	LF	1952
	6	77	LF	1959
	8	524	LF	1997
	8	300	LF	1980
	10	765	LF	1980
	10	359	LF	1959
Standard Sanitary Sewer Manhole (4 foot dia)	Depth (ft)			
- Brick	6	4	EA	1980
- Brick	6	3	EA	1986

Item	Size	Quantity	Unit	Approximate Year of Construction
- Brick	6	2	EA	1952
- Brick	10	1	EA	1990
- Pre-cast	10	4	EA	1997
- Pre-cast	12	1	EA	1967
Wastewater Lift/Pump Station				
- Lift Station 6 (4 ft diameter, 6 ft deep)		1	EA	1994
- Lift Station 7 (6 ft diameter, 11 ft deep)		1	EA	1996
- Lift Station 8 (6 ft diameter 13 ft deep)		1	EA	1997
Lift Station Pumps				
- Grinder, submersible (Lift Station 6)	2 hp	2	EA	1994
- Turbine, submersible (Lift Station 7)	5hp	2	EA	1996
- Turbine, submersible (Lift Station 8)	2hp	2	EA	1997

Notes:
PVC = Polyvinyl Chloride
LF = Linear Feet
HP = Horsepower
FT = Feet
IN = Inches
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 Rosecrans Memorial Airport (ANG)

Qty	Item	Make/Model	Description	Remarks
None				

TABLE 3
Specialized Vehicles and Tools
Wastewater Collection System Rosecrans Memorial Airport (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 Rosecrans Memorial Airport (ANG)

Qty	Item Description	Remarks
1	Utility Map: Sanitary Sewer System	AutoCAD Release Version 2000

J9.3 Specific Service Requirements

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

J9.4 Current Service Arrangement

- ?? Provider: City of Saint Joseph, Missouri
- ?? Average Annual Usage: 2,560,000 gallons
- ?? Maximum Monthly Use: 270,000 gallons in January
- ?? Minimum Monthly Use: 140,000 gallons in November
- ?? Wastewater bill is calculated based on 100% of water bill

J9.5 Secondary Metering

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 J6.6 below.

TABLE 5

New Secondary Meters
Wastewater Collection System Rosecrans Memorial Airport (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.

J9.8 Service Area

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

J9.9 Off-Installation Sites

No off-installation sites are included in the sale of the Rosecrans Memorial Airport (ANG) Wastewater Collection System.

J9.10 Specific Transition Requirements

IAW Paragraph C.13 Transition Plan, **Table 5** provides a listing of service connections and disconnections required upon transfer.

TABLE 6
Service Connections and Disconnections
Wastewater Collection System Rosecrans Memorial Airport (ANG)

Location	Description
None	

J9.11 Government Recognized System Deficiencies

Table 6 provides a listing of system improvements that the Government has planned. The Government recognizes these improvement projects as representing current deficiencies associated with the Rosecrans Memorial 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 Rosecrans Memorial Airport (ANG)

Project Location	Project Description
None	