

**ATTACHMENT J3**

# Capital MAP (ANG) Wastewater Collection System

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# J3 Capital MAP (ANG) Wastewater Collection System

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## J3.1 Capital MAP (ANG) Overview

The 183<sup>rd</sup> Fighter Wing (FW) of the Illinois Air National Guard occupies 91 acres of leased land on the Capital Municipal Airport (MAP), located approximately three miles northwest of downtown Springfield, Illinois. The mission of the 183<sup>rd</sup> FW is to provide 15 combat ready aircraft, pilots, and required support personnel capable of global deployment to perform tactical, general-purpose warfare as directed by major command authority. The unit currently flies the F-16 Falcon. The 183<sup>rd</sup> FW occupies 2 administrative and 31 industrial buildings totaling approximately 267,600 square feet with 321 full-time personnel. A unit training drill is conducted once a month and results in a surge of up to a total of 1,121 personnel.

## J3.2 Wastewater Collection System Description

### J3.2.1 Wastewater Collection System Fixed Equipment Inventory

The Capital MAP (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 and manholes. 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

?? Grease Traps

#### J3.2.1.1 Description

The Capital MAP (ANG) wastewater collection system operates via gravity flow and enters the base at one location and exits the base at three separate locations. The wastewater collection system consists of approximately 560 linear feet of PVC pipe, 170 linear feet of ductile iron pipe; 140 linear feet of concrete asbestos pipe and 6000 linear feet of vitrified clay pipe. Pipes range in diameter from four to eight inches. Pipe depth ranges from five to 18 feet without tracer wire or warning tape. The system includes four pre-cast concrete manholes and 16 brick manholes ranging from six to 20 feet in depth. Base personnel indicate the capacity of the current system is adequate for present and future needs.

### J3.2.1.2 Inventory

**Table 1** provides a general listing of the major Wastewater Collection System fixed assets for the Capital MAP (ANG) Wastewater Collection System included in the sale.

**TABLE 1**

Fixed Inventory

Wastewater Collection System Capital MAP (ANG)

Item	Size	Quantity	Unit	Approximate Year of Construction
<b>PVC Pipe</b>	(in)			
	6	280	LF	1992
	8	284	LF	1977
<b>Ductile Iron Pipe</b>	(in)			
	6	170	LF	1951
<b>Vitrified Clay Pipe</b>	(in)			
	4	92	LF	1951
	4	60	LF	1961
	6	400	LF	1977
	6	375	LF	1966
	6	1374	LF	1977
	6	156	LF	1959
	6	236	LF	1974
	8	1795	LF	1949
	8	219	LF	1975
	8	1324	LF	1977
<b>Asbestos Concrete Pipe</b>	(in)			
	6	137	LF	1980
<b>Standard Sanitary Sewer Manhole, 4 ft diameter</b>	Depth (ft)			
<b>Brick</b>	6	4	EA	1977
<b>Brick</b>	6	1	EA	1966
<b>Brick</b>	8	1	EA	1977
<b>Brick</b>	8	1	EA	1966
<b>Brick</b>	12	1	EA	1949
<b>Brick</b>	14	1	EA	1949
<b>Brick</b>	16	1	EA	1949
<b>Brick</b>	18	5	EA	1949

Item	Size	Quantity	Unit	Approximate Year of Construction
Brick	20	1	EA	1949
Pre-cast concrete	6	2	EA	1990
Pre-cast concrete	8	1	EA	1990
Pre-cast concrete	10	1	EA	1990
Notes:				
PVC = Polyvinyl Chloride				
LF = Linear Feet				
In = Inches				
FT = Feet				
EA = Each				

### J3.2.2 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 Capital MAP (ANG)

Qty	Item	Make/Model	Description	Remarks
None				

**TABLE 3**  
Specialized Vehicles and Tools  
Wastewater Collection System Capital MAP (ANG)

Description	Quantity	Location	Maker
None			

### J3.2.3 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 Capital MAP (ANG)

Qty	Description	Remarks
1	Base Sanitary Sewer Map	AutoCAD Release Version 2000

### J3.3 Specific Service Requirements

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

### J3.4 Current Service Arrangement

?? **Current Provider:** City Water Light and Power Company

?? **Average Annual Effluent (2000):** 1,521 kGal

?? **Maximum Monthly Effluent:** 193 kGal (September)

?? **Minimum Monthly Effluent:** 76 kGal (October)

### J3.5 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 J3.6 below.

**TABLE 5**  
New Secondary Meters  
Wastewater Collection System Capital MAP (ANG)

Meter Location	Meter Description
None	

### J3.6 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 (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 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. 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 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.

### J3.7 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.

### J3.8 Service Area

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

### J3.9 Off-Installation Sites

No off-installation sites are included in the sale of the Capital MAP (ANG) Wastewater Collection System.

### J3.10 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 Capital MAP (ANG)

Location	Description
None	

### J3.11 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 Capital MAP (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 Capital MAP (ANG)

Project Location	Project Description
None	