

ATTACHMENT J4

MARTIN STATE AGS (ANG) Wastewater Collection System

Table of Contents

MARTIN STATE AGS (ANG) WASTEWATER COLLECTION SYSTEM.....I

J4 MARTIN STATE AGS (ANG) WASTEWATER COLLECTION SYSTEM 1

J4.1 MARTIN STATE AGS (ANG) OVERVIEW 1

J4.2 WASTEWATER COLLECTION SYSTEM DESCRIPTION..... 1

J4.2.1 Wastewater Collection System Fixed Equipment Inventory..... 1

 J4.2.1.1 Description..... 2

 J4.2.1.2 Inventory 2

J4.2.2 Wastewater Collection System Non-Fixed Equipment and Specialized Tools..... 2

J4.2.3 Wastewater Collection System Manuals, Drawings, and Records..... 3

J4.3 SPECIFIC SERVICE REQUIREMENTS..... 3

J4.4 CURRENT SERVICE ARRANGEMENT..... 3

J4.5 SECONDARY METERING..... 3

J4.6 MONTHLY SUBMITTALS..... 3

J4.7 INFILTRATION AND INFLOW (I&I) PROJECTS..... 4

J4.8 SERVICE AREA..... 4

J4.9 OFF-INSTALLATION SITES 4

J4.10 SPECIFIC TRANSITION REQUIREMENTS..... 4

J4.11 GOVERNMENT RECOGNIZED SYSTEM DEFICIENCIES 4

List of Tables

Fixed Inventory..... 2

Spare Parts 2

Specialized Vehicles and Tools..... 3

Manuals, Drawings, and Records..... 3

Service Connections and Disconnections..... 4

System Deficiencies..... 5

J4 MARTIN STATE AGS (ANG) Wastewater Collection System

J4.1 MARTIN STATE AGS (ANG) Overview

The Martin State AGS (ANG) is located at Martin State Airport in the Middle River area of Baltimore County, Baltimore, Maryland. It occupies all the east, or northeast, side of Martin State Airport, except for the most southern area beyond Taxiway “D.” Surrounding land is primarily industrial along Eastern Boulevard with a large undeveloped tract across MD 150 (Eastern Blvd). It contains 45 buildings (10 industrial, 8 administrative, and 27 administrative/industrial) totaling 356,489 SF. The normal population is 500 personnel; however, the population surges to 1000 two drill weekends per month.

The 175th wing has state and federal missions to augment active forces and provide assistance to state authorities during natural disasters, civil disturbances and other emergencies. In peacetime, the 175th Wing prepares for wartime taskings, natural catastrophes, and major civilian accidents by participating in various deployments and exercises. The unit must maintain the capability to meet mobility standards and worldwide deployment when directed by competent authority. The 175th Wing consists of two distinct flying units with different missions—the 104th Fighter Squadron, flying the A-10 “Thunderbolt II” single-seat jet and the 135th Airlift squadron, operating the C-130E “Hercules” transport aircraft. The 175th Fighter Squadron’s mission is to conduct tactical air, forward air control, and night flying operations through the utilization of assigned tactical forces in either an offensive or defensive capacity. The 135th Airlift Squadron’s mission is to support tactical forces for worldwide resupply missions and airlift employment operations by airland and airdrop.

J4.2 Wastewater Collection System Description

J4.2.1 Wastewater Collection System Fixed Equipment Inventory

The 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, valves, controls, treatment plants, 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 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: There are several oil water separators and one kitchen grease trap that are not included in the privatization and are considered part of the facility creating the discharge.

J4.2.1.1 Description

The Martin State-ANG Base wastewater collection system is comprised of approximately 5,600 linear feet of sewer pipes ranging from 4 to 8 inches in diameter. The age of the system ranges from 1958 to 1981 and considered to be in excellent condition. Average depth of the pipes is 6 to 8 feet. The base has no sewage treatment facilities, storage tanks, or lift stations. Collection system contains mostly vitrified clay pipe. The system has 22 manholes that are of brick or precast construction and considered to be in average condition.

J4.2.1.2 Inventory

Table 1 provides a general listing of the major Wastewater Collection System fixed assets for the MARTIN STATE AGS (ANG) Wastewater Collection System included in the sale.

TABLE 1
Fixed Inventory
Wastewater Utility System MARTIN STATE AGS (ANG)

Item	Size (in.)	Quantity	Unit	Approximate Year of Construction
Vitrified Clay Pipe	6.00	920	LF	1958
	6.00	1280	LF	1981
	8.00	1171	LF	1958
	4.00	471	LF	1981
	8.00	1785	LF	1981
Manholes				
- Brick		9	EA	1958
- Precast		13	EA	1981

Notes:
LF = Linear Feet
EA = Each

J4.2.2 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 MARTIN STATE AGS (ANG)

Qty	Item	Make/Model	Description	Remarks
None				

TABLE 3
Specialized Vehicles and Tools
Wastewater Collection System MARTIN STATE AGS (ANG)

Description	Quantity	Location	Maker
None			

J4.2.3 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 MARTIN STATE AGS (ANG)

Qty	Item	Description	Remarks
1	Maps	Collection System	AUTOCAD Release 14

J4.3 Specific Service Requirements

The service requirements for the MARTIN STATE AGS (ANG) Wastewater Collection System are as defined in the Section C, *Description/Specifications/Work Statement*.

J4.4 Current Service Arrangement

System maintenance is performed by ANG personnel. Wastewater is collected for treatment by the City of Baltimore, Bureau of Sanitation.

J4.5 Secondary Metering

There are currently no requirements for secondary metering of wastewater included in this contract. Any future wastewater secondary metering requested by the Government will be IAW C.3, Future Secondary Meters.

J4.6 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.

J4.7 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.

J4.8 Service Area

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

J4.9 Off-Installation Sites

No off-installation sites are included in the sale of the MARTIN STATE AGS (ANG) Wastewater Collection System.

J4.10 Specific Transition Requirements

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

TABLE 5
 Service Connections and Disconnections
 Wastewater Collection System MARTIN STATE AGS (ANG)

Location	Description
None	

J4.11 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 MARTIN STATE AGS (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 Renewal and Replacement Plan process and

will be recovered Schedule L-3. Renewal and Replacement projects will be recovered through Sub-CLIN AC.

TABLE 6

System Deficiencies

Wastewater Collection System MARTIN STATE AGS (ANG)

Project Location	Project Description
None	