

ATTACHMENT J2

New Castle AGS (ANG), DE Wastewater Collection System

Table of Contents

NEW CASTLE AGS (ANG), DE WASTEWATER COLLECTION SYSTEM.....I

J2 NEW CASTLE AGS (ANG), DE WASTEWATER COLLECTION SYSTEM 1

J2.1 NEW CASTLE AGS (ANG), DE OVERVIEW 1

J2.2 WASTEWATER COLLECTION SYSTEM DESCRIPTION..... 1

J2.2.1 Wastewater Collection System Fixed Equipment Inventory..... 1

 J2.2.1.1 Description..... 1

 J2.2.1.2 Inventory 2

J2.2.2 Wastewater Collection System Non-Fixed Equipment and Specialized Tools..... 2

J2.2.3 Wastewater Collection System Manuals, Drawings, and Records..... 3

J2.3 SPECIFIC SERVICE REQUIREMENTS..... 3

J2.4 CURRENT SERVICE ARRANGEMENT 3

J2.5 SECONDARY METERING..... 3

J2.6 MONTHLY SUBMITTALS..... 3

J2.7 INFILTRATION AND INFLOW (I&I) PROJECTS..... 4

J2.8 SERVICE AREA..... 4

J2.9 OFF-INSTALLATION SITES 4

J2.10 SPECIFIC TRANSITION REQUIREMENTS..... 4

J2.11 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..... 4

J2 New Castle AGS (ANG), DE Wastewater Collection System

J2.1 New Castle AGS (ANG), DE Overview

The 166th Airlift Wing is located on historic New Castle County Airport, 5 miles south of Wilmington Delaware. The installation is located on 79.6 acres and includes 44 buildings totaling 256,534 square feet. The normal population of the installation is 290 personnel but surges to 900 personnel one weekend per month. The men and women of the 166th Airlift Wing support, maintain and fly the C-130 “Hercules.” This venerable transport aircraft is used in a variety of roles to include: Airlift, Airdrop and Aeromedical Evacuation. The aircraft of the 166th have seen duty in Saudi Arabia during DESERT SHIELD and DESERT STORM, Operation JUST CAUSE in Panama, Operation JOINT ENDEAVOR in Bosnia, and a host of other countries around the world.

J2.2 Wastewater Collection System Description

J2.2.1 Wastewater Collection System Fixed Equipment Inventory

The New Castle AGS (ANG), DE 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: Nothing

J2.2.1.1 Description

The New Castle-ANG Base wastewater collection system is comprised of approximately 8,000 linear feet of sewer pipes ranging from 4 to 8 inches in diameter. There are 3 lift stations on the base, 2 installed in 1999 and one in 1989. There is a wide range of ages in the system from 50 years old to recently installed and general condition is unknown. The base has no sewage treatment facilities, septic tanks, storage tanks, nor leach fields. The collection system contains mostly clay pipe and 27 manholes. The system contains 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.

J2.2.1.2 Inventory

Table 1 provides a general listing of the major Wastewater Collection System fixed assets for the New Castle AGS (ANG), DE Wastewater Collection System included in the sale.

TABLE 1
Fixed Inventory
Wastewater Utility System New Castle AGS (ANG), DE

Item	Size (in.)	Quantity	Unit	Approximate Year of Construction
PVC Pipe	4.00	470	LF	1993
	6.00	440		1975
	8.00	510		1979
Cast Iron Pipe	3.00	1410	LF	1995
	4.00	420		1995
	6.00	170		1970
	8.00	450		1970
Vitrified Clay Pipe(Terracota)	4.00	270	LF	1995
	6.00	590		1983
	8.00	3370		1950
Sanitary Sewer Manholes		27	EA	1972
In Ground Lift Stations	89 SF	1	EA	1989
	89 SF	2	EA	1999
Grinder Pump	1.25	1	EA	1989

Notes:
PVC = Polyvinyl Chloride
LF = Linear Feet
EA = Each

J2.2.2 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 New Castle AGS (ANG), DE

Qty	Item	Make/Model	Description	Remarks
None				

TABLE 3
Specialized Vehicles and Tools
Wastewater Collection System New Castle AGS (ANG), DE

Description	Quantity	Location	Maker
None			

J2.2.3 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 New Castle AGS (ANG), DE

Qty	Item	Description	Remarks
1	Drawings	AUTOCAD (Release 14)	Collection System

J2.3 Specific Service Requirements

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

J2.4 Current Service Arrangement

The New Castle AGS (ANG) Wastewater Collection System is maintained by ANG personnel.

J2.5 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.

J2.6 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.

J2.7 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.

J2.8 Service Area

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

J2.9 Off-Installation Sites

No off-installation sites are included in the sale of the New Castle AGS (ANG), DE Wastewater Collection System.

J2.10 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 New Castle AGS (ANG), DE

Location	Description
None	

J2.11 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 New Castle AGS (ANG), DE 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 through Sub-CLIN Projects. Renewal and Replacement projects will be recovered through Sub-CLIN AB.

TABLE 6
System Deficiencies
Wastewater Collection System New Castle AGS (ANG), DE

Project Location	Project Description
No System Deficiencies	