

ATTACHMENT J15

YEAGER AGS (ANG) Wastewater System

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J15 YEAGER AGS (ANG) Wastewater System

J15.1 YEAGER AGS (ANG) Overview

J15.2 Wastewater System Description

Yeager AGS (ANG) is home to the 130th Airlift Wing which provides staff and operational support for an eight primary authorized aircraft C-130H unit to airdrop or airland forces. Contingency capability is maintained for European, Asian, and South American theaters while operating independently from forward operating or collocated base. Yeager AGS (ANG) is located a Charleston West Virginia and has a total of 74.8 acres under lease. Of this total, 43 acres are located on top of the hill on which the airport was built. Most of this area has been developed. Any expansion requires relocation of existing buildings to other areas, using vehicle parking areas, or acquiring additional land. The lower portion of the base has been developed along the access road to the airfield. This section contains approximately 33 acres. Development has been on benches made from leveling hill tops or cutting into the side of hills. The developed area in this lower section covers 9.3 acres. The remainder is made up of hillsides and ravines which are expensive to develop. The apron and taxiway at Yeager Airport were built in 1949. The first facilities built were Building 101-Base Supply, Building 107-Maintenance Hangar, and Building 102-Headquarters in 1951. The base currently has 31 buildings with a total square footage of 295,051. There are currently eight C-130 aircraft at this installation.

J15.2.1 Wastewater System Fixed Equipment Inventory

The Yeager AGS (ANG) wastewater 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 system privatization are: None.

J15.2.1.1 Description

The Yeager Field-ANG Base wastewater collection system is comprised of approximately 9,000 linear feet of sewer pipes ranging from 4 to 8 inches in diameter. There are no lift

stations on the base and it is a 100 percent gravity flow system. There is a wide range of pipe ages in the system from 49 years old to recently installed, however, even the oldest pipes and manholes inspected are in good to very good condition. The base has no sewage treatment facilities, septic tanks, storage tanks, nor leach fields. Collection system contains PVC and VCP pipe, a small amount of steel piping and 47 manholes servicing 19 buildings. System contains 7 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.

J15.2.1.2 Inventory

Table 1 provides a general listing of the major wastewater system fixed assets for the YEAGER AGS (ANG) wastewater system included in the sale.

TABLE 1
Fixed Inventory
Wastewater Utility System YEAGER AGS (ANG)

Item	Size (in.)	Quantity	Unit	Approximate Year of Construction
PVC Pipe	4.00	358	LF	1993
	4.00	55	LF	1998
	4.00	81	LF	1980
	4.00	51	LF	1990
	6.00	54	LF	1993
	6.00	142	LF	1995
	8.00	2703	LF	1990
	8.00	78	LF	1980
	8.00	399	LF	1991
	8.00	566	LF	1993
	8.00	24	LF	1995
	Vitrified Clay Pipe	4.00	67	LF
4.00		26	LF	1977
6.00		703	LF	1951
6.00		116	LF	1970
6.00		146	LF	1958
6.00		82	LF	1976
6.00		92	LF	1977
8.00		1149	LF	1951
8.00		176	LF	1970
8.00		1244	LF	1972
Cast Iron Pipe	4.00	140	LF	1983

Item	Size (in.)	Quantity	Unit	Approximate Year of Construction
	4.00	333	LF	1990
	8.00	125	LF	1990
Standard Sanitary Sewer Manhole				
- Brick – 6 FT		2	EA	1958
- Brick – 8 FT		8	EA	1951
- Precast – 6 FT		11	EA	1972
		1	EA	1983
		1	EA	1980
		17	EA	1990
		6	EA	1993
- Precast – 8 FT		1	EA	1999

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

J15.2.2 Wastewater 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 System YEAGER AGS (ANG)

Qty	Item	Make/Model	Description	Remarks
None				

TABLE 3
 Specialized Vehicles and Tools
 Wastewater System YEAGER AGS (ANG)

Description	Quantity	Location	Maker
None			

J15.2.3 Wastewater 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 System YEAGER AGS (ANG)

Qty	Item	Description	Remarks
1	Maps	Distribution System Layout	AUTOCAD Release 14

J15.3 Specific Service Requirements

The service requirements for the YEAGER AGS (ANG) wastewater system are as defined in the Section C, *Description/Specifications/Work Statement*.

J15.4 Current Service Arrangement

The City of Charlestown accepts untreated wastewater from Yeager AGS (ANG).

J15.5 Secondary Metering

None.

J15.6 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 named at time of 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 named at time of 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 named at time of award.

J15.7 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.

J15.8 Service Area

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

J15.9 Off-Installation Sites

No off-installation sites are included in the sale of the YEAGER AGS (ANG) wastewater system.

J15.10 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 System YEAGER AGS (ANG)

Location	Description
None	

J15.11 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 YEAGER AGS (ANG) wastewater 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 System YEAGER AGS (ANG)

Project Location	Project Description
None	