

ATTACHMENT J10

Cheyenne MAP (ANG) Wastewater Collection System

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J10 Cheyenne MAP (ANG) Wastewater Collection System

J10.1 Cheyenne MAP (ANG) Overview

The 153rd Airlift Wing (AW) of the Wyoming Air National Guard occupies approximately 77 acres of leased land on the City of Cheyenne Municipal Airport, located two miles north of downtown Cheyenne, Wyoming. The mission of the 153rd AW is to deliver troops and cargo, provide aeromedical evacuation, and to airlift passengers and cargo when required. The unit currently flies the C-130H3 Lockheed "Hercules" transport plane. The 153rd AW occupies five administrative and 18 industrial buildings totaling approximately 351,000 square feet with 180 full-time personnel. A unit training drill is conducted once a month and results in a surge of up to a total of 1200 personnel

J10.2 Wastewater Collection System Description

J10.2.1 Wastewater Collection System Fixed Equipment Inventory

The Cheyenne 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

J10.2.1.1 Description

The Cheyenne MAP (ANG) wastewater collection system operates via gravity flow and exits the base at four locations. The wastewater collection system consists of approximately 2,500 linear feet of PVC pipe, 190 linear feet of cast iron pipe; and 1,800 linear feet of vitrified clay pipe. All pipes range in size from four to twelve inches. Pipe depth ranges from four to eight feet without tracer wire or warning tape. The system includes 17 pre-cast concrete manholes and three brick manholes ranging from six to eight feet in depth. Base personnel indicate the capacity of the current system is adequate for present and future needs.

J10.2.1.2 Inventory

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

TABLE 1
Fixed Inventory
Wastewater Collection System Cheyenne MAP (ANG)

Item	Size	Quantity	Unit	Approximate Year of Construction
PVC Pipe	(in)			
	4	50	LF	1994
	6	143	LF	1990
	6	100	LF	1991
	6	155	LF	1994
	8	455	LF	1980
	8	543	LF	1990
	8	460	LF	1984
	8	200	LF	1999
	10	135	LF	1990
	12	235	LF	1990
Cast Iron Pipe	(in)			
	4	50	LF	1977
	8	140	LF	1971
Vitrified Clay Pipe	(in)			
	4	55	LF	1943
	8	66	LF	1945
	8	690	LF	1943
	8	230	LF	1950
	12	790	LF	1945
Standard Sanitary Sewer Manhole (4 ft diameter)	Depth (ft)			
Brick	6	1	EA	1945
Brick	8	2	EA	1950
Pre-cast	6	2	EA	1971
Pre-cast	6	4	EA	1980
Pre-cast	6	7	EA	1990
Pre-cast	6	2	EA	1994

Item	Size	Quantity	Unit	Approximate Year of Construction
Pre-cast	6	1	EA	1995
Pre-cast	6	1	EA	1999
Notes:				
PVC = Polyvinyl Chloride				
LF = Linear Feet				
In = Inches				
FT = Feet				
EA = Each				

J10.2.2 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 Cheyenne MAP (ANG)

Qty	Item	Make/Model	Description	Remarks
None				

TABLE 3

Specialized Vehicles and Tools
Wastewater Collection System Cheyenne MAP (ANG)

Description	Quantity	Location	Maker
None			

J10.2.3 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 Cheyenne MAP (ANG)

Qty	Description	Remarks
1	Wastewater Utility System Maps (electronic copy)	AutoCAD Release Version 2000

J10.3 Specific Service Requirements

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

J10.4 Current Service Arrangement

Current Provider: City of Cheyenne

Monthly Effluent: Annual wastewater bill is based on average water usage for months of January, February, and March. Monthly average is approximately 306 kGal/month.

Yearly Effluent (2000): 3,669 kGal

J10.5 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 J10.6 below.

TABLE 5

New Secondary Meters

Wastewater Collection System Cheyenne MAP (ANG)

Meter Location	Meter Description
None	

J10.6 Monthly Submittals

The Contractor shall provide the Government monthly submittals for the following:

1. Invoice (IAW paragraph 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.

J10.7 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.

J10.8 Service Area

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

J10.9 Off-Installation Sites

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

J10.10 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 Cheyenne MAP (ANG)

Location	Description
None	

J10.11 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 Cheyenne 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 Cheyenne MAP (ANG)

Project Location	Project Description
None	