

ATTACHMENT J8

Fresno Yosemite IAP (ANG) Wastewater Collection System

Table of Contents

FRESNO YOSEMITE IAP (ANG) WASTEWATER COLLECTION SYSTEMI

J8 FRESNO YOSEMITE IAP (ANG) WASTEWATER COLLECTION SYSTEM.....2

J8.1 FRESNO YOSEMITE IAP (ANG) OVERVIEW.....2

J8.2 WASTEWATER COLLECTION SYSTEM DESCRIPTION.....2

 J8.2.1 Wastewater Collection System Fixed Equipment Inventory2

 J8.2.1.1 Description.....2

 J8.2.1.2 Inventory3

 J8.2.2 Wastewater Collection System Non-Fixed Equipment and Specialized Tools4

 J8.2.3 Wastewater Collection System Manuals, Drawings, and Records4

J8.3 SPECIFIC SERVICE REQUIREMENTS.....4

J8.4 CURRENT SERVICE ARRANGEMENT5

J8.5 SECONDARY METERING.....5

J8.6 MONTHLY SUBMITTALS.....5

J8.7 INFILTRATION AND INFLOW (I&I) PROJECTS.....5

J8.8 SERVICE AREA.....6

J8.9 OFF-INSTALLATION SITES6

J8.10 SPECIFIC TRANSITION REQUIREMENTS.....6

J8.11 GOVERNMENT RECOGNIZED SYSTEM DEFICIENCIES6

List of Tables

Fixed Inventory3

Spare Parts4

Specialized Vehicles and Tools4

Manuals, Drawings, and Records.....4

New Secondary Meters.....5

Service Connections and Disconnections6

System Deficiencies.....6

J8 Fresno Yosemite IAP (ANG) Wastewater Collection System

J8.1 Fresno Yosemite IAP (ANG) Overview

The 144th Fighter Wing (FW) of the California Air National Guard occupies two separate parcels of land (the main base area and the Munitions Storage Area) totaling 110.726 acres of leased land on the Fresno Yosemite International Airport, located approximately 4 miles east of downtown Fresno, California. The mission of the 144th FW is to provide air defense protection for California from the Mexican border to Ukiah utilizing the F-16 Fighting Falcon jet fighter aircraft. The 144th FW occupies 6 administrative, 16 industrial and 2 services buildings totaling approximately 341,251 square feet with 325 full-time personnel. A unit training drill is conducted once a month and results in a surge of up to a total of 990 personnel. There is currently an ongoing construction project (Composite Support Facility), which when completed by the end of FY 2001, will add an additional 6,236 square feet of building area.

J8.2 Wastewater Collection System Description

J8.2.1 Wastewater Collection System Fixed Equipment Inventory

The Fresno Yosemite IAP (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

?? Storm sewers

J8.2.1.1 Description

The wastewater collection system consists of two separate systems: the main base area and the Munitions Storage Area. Both wastewater collection systems operate via gravity flow. The system at the main base area exits the base at two locations and the Munitions Storage Area system exits at one location. The two wastewater collection systems consist of approximately 7,700 linear feet of vitrified clay pipe. Pipe diameter ranges in size from four to twelve inches. Pipe depth ranges from

four to twelve feet without tracer wire or warning tape. The systems include 16 pre-cast concrete manholes ranging from six to ten feet in depth. Base personnel indicate the capacities of the current systems are adequate for present and future needs.

J8.2.1.2 Inventory

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

TABLE 1
Fixed Inventory
Wastewater Collection System Fresno Yosemite IAP (ANG)

Item	Size	Quantity	Unit	Approximate Year of Construction
Vitrified Clay Pipe	(in)			
	4	174	LF	1958
	4	219	LF	1987
	4	439	LF	1992
	4	229	LF	1983
	4	130	LF	1990
	4	72	LF	1966
	4	99	LF	1955
	4	226	LF	1977
	4	216	LF	1976
	4	452	LF	1993
	4	208	LF	1995
	4	60	LF	1999
	4	1160	LF	1966
	6	344	LF	1995
	6	330	LF	1975
	6	204	LF	1955
	6	280	LF	1988
	8	1623	LF	1995
	10	887	LF	1995
	12	375	LF	1995
Standard Sanitary Sewer Manholes (4 ft diameter)	Depth (ft)			
Pre-Cast Concrete	6	3	EA	1995
Pre-Cast Concrete	8	6	EA	1995

Item	Size	Quantity	Unit	Approximate Year of Construction
Pre-Cast Concrete	10	7	EA	1995
Notes:				
LF = Linear Feet				
In = Inches				
FT = Feet				
EA = Each				

J8.2.2 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 Fresno Yosemite IAP (ANG)

Qty	Item	Make/Model	Description	Remarks
None				

TABLE 3

Specialized Vehicles and Tools

Wastewater Collection System Fresno Yosemite IAP (ANG)

Description	Quantity	Location	Maker
None			

J8.2.3 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 Fresno Yosemite IAP (ANG)

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

J8.3 Specific Service Requirements

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

J8.4 Current Service Arrangement

- ?? **Current Provider:** City of Fresno
- ?? **Average Annual Effluent (2000):** 17,700 kGal
- ?? **Maximum Monthly Effluent:** 2,520 kGal (August)
- ?? **Minimum Monthly Effluent:** 790 kGal (February)
- ?? **Estimated based on 100% of water usage**

J8.5 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 J8.6 below.

TABLE 5
New Secondary Meters
Wastewater Collection System Fresno Yosemite IAP (ANG)

Meter Location	Meter Description
None	

J8.6 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.

J8.7 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.

J8.8 Service Area

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

J8.9 Off-Installation Sites

The Fresno Yosemite IAP (ANG) wastewater collection system includes the main base area as well as the Munitions Storage Area (MSA) located on the opposite side of the runway, northwest of the main base area. The MSA has a dedicated wastewater collection system, with its own exit and connection to the City of Fresno owned line, exclusive of the main base system.

J8.10 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 Fresno Yosemite IAP (ANG)

Location	Description
None	

J8.11 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 Fresno Yosemite IAP (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 Fresno Yosemite IAP (ANG)

Project Location	Project Description
None	