

ATTACHMENT J4

# McGuire AFB Wastewater System

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# J4 McGuire AFB Wastewater System

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## J4.1 McGuire AFB Overview

McGuire AFB is located in central New Jersey, 18 miles southeast of Trenton, 45 miles east of Philadelphia, and 80 miles south of New York City. The area surrounding the base remains very rural, consisting mainly of farmland. McGuire AFB encompasses approximately 3,598 acres and is bordered on the west, south and east by the Fort Dix Army reservation.

There are 751 commercial type buildings and facilities on the installation. Currently there is approximately 4,278,000 square feet of commercial type building space on the main base, 400,000 square feet in the New Jersey Air National Guard facilities, and approximately 2,306,000 square feet of military family housing facilities. McGuire AFB currently employs more than 11,500 people, including some 1,600 civilians. There is no significant growth or reduction in heated facility square feet projected for McGuire AFB.

The 305<sup>th</sup> Air Mobility Wing has operational and administrative control over base activities. The major tenants located at McGuire AFB include the following:

- Air Mobility Warfare Center
- 514<sup>th</sup> Air Mobility Wing
- 108<sup>th</sup> Air Refueling Wing
- Air Mobility Operations Group

## J4.2 Wastewater System Description

### J4.2.1 Wastewater System Fixed Equipment Inventory

The McGuire 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, 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:

- All oil/water separators, grease traps, septic tanks, and storm sewers as described in the Right-of-Way Document.
- Two pump stations (Buildings 3710 and 3819) servicing the Military Family Housing areas as described in the Right-of-Way Document.
- Falcon Courts North and Falcon Courts East Military Family Housing (MFH) areas and the trailer court as described in the Right-of-Way Document.

#### J4.2.1.1 Description

Wastewater generated at McGuire AFB is treated at the Fort Dix Wastewater Treatment Plant except for septic systems. The existing wastewater collection system at McGuire AFB consists of gravity and force sewer mains with 9 lift stations and two pumping stations. The wastewater collection system pipe sizes range from 2 inches to 27 inches in diameter, with the majority of the system being 8 inches in diameter. The total length of the sewer collection system is about 145,313 linear feet. Most of the network of piping was relined between 1987 and 1995. The pipe that is noted as being relined in 1995 was accomplished in the three-year period of 1994 to 1996.

The piping systems are estimated at 8-foot average depth for gravity piping 10 inch and under, and 12-foot average depth for piping 12 inch and over. The manholes are estimated at 8-foot average depth for manholes associated with piping 10 inches and under, and 12-foot average depth for manholes associated with piping 12 inches and over. Force mains are estimated at a 4-foot average depth except for the 16-inch force main that is estimated at a 6-foot average depth. Twenty percent of all piping is estimated to be under pavements.

The entire wastewater collection system includes about 339 manholes, 9 manhole-lift stations, and 2 pumping stations. The two pumping stations are located in buildings 1507 and 3413. Two pump stations (Buildings 3710 and 3819) servicing the Military Family Housing areas are not included in the system being privatized. The wastewater collection system provides service for approximately 654 facilities. Wastewater exits McGuire AFB at three separate locations for treatment at the Fort Dix facility.

Wastewater generated in the northwest portion of the installation is collected primarily through gravity mains and one pumping station in building 3413. The remainder of the wastewater collection system includes the system on the eastern and southern portions of the installation and the school system on the north of Wrightstown-Cookstown Road. The system does not include Falcon Courts North and Falcon Courts East Military Family Housing (MFH) areas and the trailer court. The Falcon Courts North MFH area is located immediately north of gate #2 on the north side of Wrightstown-Cookstown Road, Falcon Courts East is located on the east end of the base near Gate 2, and the trailer court is located north of the main entrance on the north side of Wrightstown-Cookstown Road.

Wastewater from the Falcon Courts North and Falcon Courts East MFH areas, and the trailer park flows to the main base system for conveyance to Fort Dix. The specific point of

demarcation between the wastewater system owned and maintained by the housing developer and the main base privatized system is identified in Section J41.

Wastewater from the main base is moved through a series of gravity lines and lift stations to the pumping station at building 1507. Wastewater is pumped from building 1507 via a 16-inch force main west along runway 06/24, and then north to the McGuire AFB/Fort Dix boundary.

McGuire AFB (including the military family housing) is currently generating approximately 483 million gallons of wastewater per year. Base personnel indicated that there were no capacity problems with the collection system.

The base does not have any cathodic protection nor does it have any EMCS or SCADA systems for this utility. The Base typically has not installed tracer wire with PVC (polyvinyl chloride) Pipe.

Permits for supporting emergency generators sets covered in the McGuire AFB Title V Air Permit will be transferred to the successful offeror at the time of closing.

#### J4.2.1.2 Inventory

**Table 1** provides a general listing of the major wastewater system fixed assets for the McGuire AFB wastewater system included in the sale.

TABLE 1  
Fixed Inventory  
*Wastewater Utility System McGuire AFB*

Item	Size	Quantity	Unit	Approximate Year of Construction
Vitrified Clay Pipe	8-inch	1,250	lf	1982
Vitrified Clay Pipe	8-inch	700	lf	1989
Vitrified Clay Pipe	8-inch	550	lf	1995
Vitrified Clay Pipe	10-inch	850	lf	1995
Relined Vitrified Clay Pipe (School Area)	10-inch	450	lf	1987
Relined Vitrified Clay Pipe (School Area)	6-inch	3,800	lf	1987
Relined Vitrified Clay Pipe	6-inch	5,080	lf	1995
Relined Vitrified Clay Pipe	8-inch	2,000	lf	1987
Relined Vitrified Clay Pipe	8-inch	52,200	lf	1995
Relined Vitrified Clay Pipe	10-inch	1,620	lf	1995

<b>Item</b>	<b>Size</b>	<b>Quantity</b>	<b>Unit</b>	<b>Approximate Year of Construction</b>
<b>Relined Vitrified Clay Pipe</b>	12-inch	5,270	lf	1995
<b>Relined Vitrified Clay Pipe</b>	15-inch	4,750	lf	1995
<b>Relined Vitrified Clay Pipe</b>	18-inch	4,325	lf	1995
<b>Relined Vitrified Clay Pipe</b>	21-inch	3,950	lf	1995
<b>Relined Vitrified Clay Pipe</b>	24-inch	2,975	lf	1995
<b>Relined Vitrified Clay Pipe</b>	27-inch	4,995	lf	1995
<b>PVC</b>	6-inch	623	lf	1999
<b>PVC</b>	8-inch	487	lf	1999
<b>PVC</b>	6-inch	516	lf	2000
<b>PVC</b>	8-inch	785	lf	2000
<b>PVC Force Main Pipe</b>	2-inch	1,237	lf	2000
<b>PVC Force Main Pipe</b>	2-inch	3,100	lf	1997
<b>PVC Force Main Pipe</b>	4-inch	500	lf	1997
<b>PVC Force Main Pipe</b>	4-inch	975	lf	2000
<b>Relined Cast Iron Force Main Pipe</b>	6-inch	1,800	lf	1995
<b>Relined Cast Iron Force Main Pipe</b>	10-inch	2,900	lf	1995
<b>Cast Iron Force Main Pipe</b>	16-inch	15,450	lf	1995
<b>Cast Iron Force Main Pipe (School Area)</b>	5-inch	800	lf	1961
<b>Terra Cotta Pipe</b>	6-inch	400	lf	1997
<b>Cast Iron Pipe</b>	8-inch	1,600	lf	1997
<b>Approximately 30 VCP Service Laterals</b>	6-inch	2,250	lf	1945
<b>Approximately 190 VCP Service Laterals</b>	6-inch	14,250	lf	1955
<b>Approximately 20 VCP Service Laterals</b>	6-inch	1,500	lf	1965
<b>Approximately 5 VCP Service Laterals</b>	6-inch	375	lf	1975

Item	Size	Quantity	Unit	Approximate Year of Construction
<b>Approximately 8 VCP Service Laterals</b>	6-inch	600	lf	1995
<b>School Area Service Laterals</b>	6-inch	400	lf	1961
<b>Sanitary Sewage Pumping Station, Bldg #1507, (7,200sf)</b>				
		1	ea	1994
2 Ton Lift	2 Ton	1	ea	1994
Flow Meter	16-inch	1	ea	1994
Pumps and controls	1500 gpm	3	ea	1994
Backup generator, Detroit Diesel Model #81237405	500 kw	1	ea	1996
<b>Sanitary Sewage Pumping Station, Bldg #3413, (165sf)</b>				
		1	ea	1942
Pumps and controls	150 gpm	2	ea	1996
Backup generator, Onan Genset Model #20.0 DTA-15	25 kw	1	ea	1981
<b>Lift Station (Manhole at weather station near bldg. 1619)</b>				
		1	ea	1997
Two 25 gpm pumps	25 gpm	2	ea	1997
Pump Controls		2	ea	1997
<b>Lift Station (Manhole near bldg. 1605)</b>				
		1	ea	1997
Two 50 gpm pumps	50 gpm	2	ea	1997
Pump Controls		2	ea	1997
<b>Lift Station (Manhole near bldg. 1839)</b>				
		1	ea	1997
Two 100 gpm pumps	100 gpm	2	ea	1997
Pump Controls		2	ea	1997
<b>Lift Station (Manhole near bldg. 1837)</b>				
		1	ea	1997
Two 200 gpm pumps	200 gpm	2	ea	1997
Pump Controls		2	ea	1997
<b>Lift Station (Manhole near bldg. 1818)</b>				
		1	ea	1955
Two 150 gpm pumps	150 gpm	2	ea	1981
Pump Controls		2	ea	1981

Item	Size	Quantity	Unit	Approximate Year of Construction
<b>Lift Station (Manhole near bldg. 1821)</b>		1	ea	1955
Two 25 gpm pumps	25 gpm	2	ea	1995
Pump Controls		2	ea	1995
<b>Lift Station (Manhole near structure 2109)</b>		1	ea	2000
Two 25 gpm pumps	25 gpm	2	ea	2000
Pump Controls		2	ea	2000
<b>Lift Station (Manhole near structure 3007)</b>		1	ea	2000
Two 25 gpm pumps	25 gpm	2	ea	2000
Pump Controls		2	ea	2000
<b>Lift Station (Manhole near school #3)</b>		1	ea	1961
Two 25 gpm pumps	25 gpm	2	ea	2000
Pump Controls		2	ea	2000
<b>Manhole, 8 feet deep</b>	5' diameter	40	ea	1945
<b>Manhole, 8 feet deep</b>	5' diameter	172	ea	1955
<b>Manhole, 12 feet deep</b>	5' diameter	84	ea	1955
<b>Manhole, 8 feet deep</b>	5' diameter	3	ea	1975
<b>Manhole, 8 feet deep</b>	5' diameter	9	ea	1985
<b>Manhole, 8 feet deep</b>	5' diameter	10	ea	1995
<b>Manhole, 8 feet deep</b>	5' diameter	8	ea	2000
<b>Manhole, 8 feet deep (School Area)</b>	5' diameter	13	ea	1961

**Legend**

ea = each

gpm = gallons per minute

kw = kilowatt

lf = linear feet

PVC = polyvinyl chloride

sf = square feet

VCP = vitreous clay pipe

## J4.2.2 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 McGuire AFB*

Qty	Item	Make/Model	Description	Remarks
None.				

TABLE 3  
Specialized Vehicles and Tools  
*Wastewater System McGuire AFB*

Description	Quantity	Location	Maker
None.			

## J4.2.3 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 McGuire AFB*

Qty	Item	Description	Remarks
1	System Drawings	Sanitary Sewerage System and Treatment Plant, Tab G-2	

### Manuals for Main Lift Station – Bldg 1507

1	Manual	Process Instruments Operations & Maint	Volumes I,II and III
1	Manual	O&M Manual Sluice and Slide Gates	Waterman
1	Manual	Two Ton Hoist for lift station	Shupper and Brickle Equip Co
1	Manual	O&M for Seal Water Pump	IMCO
1	Manual	O&M for Bertical Raw WW Pumps	Worthington
1	Manual	O&M for Exhaust Fans	Willard, Inc
1	Manual	Sump Pump Manuals	Allied Pump Corp
1	Manual	O&M for Electrical Distribution System, HVAC, Potable Water Service, and	

		Telephone system	
1	Manual	O&M for Single Loop Controllers	Bristle Bobcock
1	Manual	O&M for McGuire AFB Pump Station	
1	Manual	O&M for Pumps	Grundfos
1	Manual	Instructions for Task Master Twin Shaft Shredder	Franklin Miller
1	Manual	O&M Guide Drives Variable Frequency Drive	CEGELEC

#### Manuals for Lift Station 3413

1	Manual	O&M Duplex Self-Priming Pumps	Gorman/Rupp
1	Manual	O&M Shredder Series 1000	O&E Machine Corp

#### Lift Station 3819 and 1837

1	Manuals	Various manuals covering equipment such as auto dialers and lift station pumps
1	Manuals	Manuals for Main Lift Station – Bldg 1507

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## J4.3 Specific Service Requirements

The service requirements for the McGuire AFB wastewater system are as defined in the Section C, *Description/Specifications/Work Statement*. The following requirements are specific to the McGuire AFB wastewater system and are in addition to those found in Section C. If there is a conflict between requirements described below and Section C, the requirements listed below take precedence over those found in Section C.

- Employees must wear uniforms for easy identification.
- Road cuts for the purpose of installing new lines or expanding existing lines are not permitted on any streets without the prior written approval of the Base Civil Engineer.
- Any excavations for the purpose of repair, replacement or installation of lines must be closed within 24 hours of repair, replacement or installation completion. All disturbed grounds must be completely restored within 5 working days to include sodding, seeding or hydroseeding, as appropriate for the area disturbed, which will be determined by the contracting officer.
- Prior to operating a vehicle on the flightline, the contractor shall complete flightline driver's training and pass the flightline driver's test, which will be provided and administered by the government.
- Contractor shall establish procedures to mark utilities to support excavation work. For non-emergency requests, contractor shall complete all markings no later than 48

hours prior to planned excavation. For emergency requests, contractor shall complete all markings within 2 hours of request.

- In reference to Army RFP Section C.9.8, the Contractor shall respond to installation emergency and crisis situations (i.e., hostage situations, bomb threats, etc.) and exercises for emergency and crisis situations that require utility support. Participation may be in a simulated capacity equal to other participants. The Contractor shall respond to these events as emergency service calls and respond to the emergency situation with qualified personnel and equipment as soon as possible after notification during normal duty hours. In no case will response be longer than those requirements listed for Emergency Service Requests. The Contractor shall advise and assist the on-scene commander until the event is terminated.
- As outlined in Army RFP Section C.5.2.5, the Owner shall apply for personnel security clearances and obtain applicable security badges to gain access into secured areas. The Air Force will only provide an escort if it is required to eliminate an emergency situation. The Air Force will not provide escorts for normal maintenance and repair work in secured areas. The Air Force will work with the Owner during the transition period to accommodate for possible delays in clearances.
- In reference to Army RFP C.5.1.5, Record Drawings, the base will require CAD drawing files and information to allow for Geographical Information System (GIS) updates to be supplied within 30 days of the completion of any alterations to the waste water system. The red line for drawings must be within 1 day of work.

#### **J4.3.1 Routine, Urgent, and Emergency Repair Response**

The Contractor shall employ sound utility practices to ensure that continuous, dependable, and reliable utility service is provided to the Installation 24 hours each day and to minimize the scope and length of any service disruption. In the event of a service request, at a minimum the Contractor shall meet the following requirements defined for routine, urgent, and emergency responses.

Should the Installation, during the term of this contract, have an Emergency Restoration Plan that prioritizes service restoration, the plan may be presented to the Contractor, and the Contractor shall adhere to the priority list established within the plan.

##### **J4.3.1.1 Notification Procedures**

The Contractor shall have in-place mechanisms, means, or procedures by which installation personnel can submit service requests to the Contractor. If there is an order of precedence of phone numbers for Government personnel to call, the Contractor shall determine and clearly define that precedence. The Contractor also shall clearly identify any difference in service request procedures that apply to routine, urgent, and emergency matters.

The Government will be responsible for disseminating such procedures within the Installation. In addition, the Contractor shall provide to the Administrative Contracting Officer the name of the local Project Manager or other responsible person and an alternate with after-hours contacts' telephone numbers.

#### **J4.3.1.2 Routine Service Requests**

A routine service request is one that does not pose an immediate threat to public health, safety, property, or to a mission or operation conducted at the Installation. Such requests may include, but are not necessarily limited to requests for new or relocated service connections.

The Contractor is not required to respond to the Installation's routine service requests outside normal duty hours. The Contractor may respond to routine service requests outside of normal duty hours at its option and with appropriate coordination. Initial response to any routine service request shall be made within 5 calendar days, and completed within 30 calendar days of receiving the request. After initial response, the Contractor shall pursue completion of routine service requests with due diligence.

#### **J4.3.1.3 Urgent Service Requests**

An urgent condition is not an emergency but significantly hinders performance of Installation activities and requires elimination of potential fire, health, and safety hazards (for example, environmental controls, non-emergency utility leaks, special requests and events, plumbing problems, downgraded emergency responses, etc.).

Once an urgent request is received, the Contractor shall respond with a representative knowledgeable of the system and the Service Interruption/Contingency Plan to the site of the request within 24 hours. All urgent requests will be remedied within 5 calendar days.

#### **J4.3.1.4 Emergency Service Requests**

An emergency condition is one that is detrimental to the mission of the base, significantly impacts operational effectiveness, or compromises the safety, health, and life of personnel. Such requests shall include, but are not necessarily limited to, wastewater main overflows, or other situations that have a negative effect on the environment.

The Contractor shall ensure it is able to receive the Installation's emergency service requests 24 hours a day, every day. Once an emergency request is received, the Contractor shall respond immediately. A representative knowledgeable of the system and the Service Interruption/Contingency Plan shall be on the site of the emergency within 1 hour. Additionally, repair crews appropriately trained to eliminate the condition must respond to the emergency site within 2 hours. Work will be continuous until the emergency condition is eliminated or downgraded and service is restored. All emergencies will be remedied or downgraded to a non-emergency status within 24 hours.

### **J4.3.2 Metering of Contractor Used Utilities**

The existing wastewater collection system includes two pumping stations. The two pumping stations are located inside of buildings numbered 1507 and 3413.

The two pumping stations currently use electricity, and potable water supplied by McGuire AFB and oil for heating supplied by others. The contractor shall install an electric meter on each pump station. The contractor will be the owner and maintainer of the associated electrical system from the standard Point of Demarcation identified the Right-of-Way document. The meters will be read by the Government on a monthly basis and the

electricity used shall be paid to the Government at the Non-Federal utility rate calculated according to AFI 32-1061.

Electrical usage at the 9 lift stations will also be metered. The meters will be read by the government on a monthly basis and the electricity used shall be paid to the Government at the Non-Federal utility rate calculated according to AFI 32-1061.

The water will be metered at the two pumping stations and the government will be reimbursed for water at the non-federal utility rate calculated according to AFI 32-1061. Oil needed to heat the pumping stations will be purchased by the contractor directly from the oil provider.

### **J4.3.3 Environmental Compliance**

The contractor shall conduct all operations in such a manner as to comply with the following:

- Air Force Instruction (AFI) 32-7080, Pollution Prevention Program;
- AFI 32-7042, Solid and Hazardous Waste Compliance.

The contractor is required to comply with all applicable State and Federal laws, State and Federal regulations, and Air Force instructions in effect at the time of performance. The laws and regulations include, but are not limited to: environmental and occupational safety and health. The contractor shall be responsible for compliance with construction and operating permits, and also responsible for penalties, fines, or natural resource damage claims that may be required or assessed by the State of New Jersey, Federal or Local Governments resulting from performance, or failure to perform, during the course of performance

### **J4.3.4 System Operation and Maintenance During Transition**

The Operational Transition Plan shall establish system operation and maintenance procedures during the transition period. The transition period will take place with the assistance of installation management. Operations during the transition period may include a period of joint operations with the incumbent Government utility personnel. Joint operations, if requested, will start no more than 60 calendar days prior to the contract start date and will extend no more than 30 calendar days beyond contract start.

Joint operations shall be divided into two periods. In the first period, the Government will operate the system and will let Contractor personnel observe Government employees to familiarize themselves with the systems. During this period, if needed, a Government employee familiar with the system will be available to answer questions about the system. The Contractor shall have no more than three employees, per installation, per system, observing Government employees on any given day. The first period ends the day before the contract start date.

The Contractor shall assume full responsibility of all operations and maintenance at 12:01 a.m. on the contract start date. At this time, the second period of joint operations shall begin, if needed. The Contractor is expected to fully staff the utility systems beginning at 12:01 a.m. on the contract start date.

The second period of joint operations will be available only if Government employees are available. The Government employees will be available to answer questions about the system and may observe Contractor employees during this period. Government employees will not operate the systems, but will be available only as advisors.

The Operational Transition Plan may include a period of onsite familiarization for contractor employees. The Contractor shall be limited to five contractor personnel per installation, per system, during the 30 days prior to the contract start date. At least one Government employee will be assigned to be available during normal working hours to indoctrinate contractor personnel on the utility system.

The familiarization time requested and numbers of contractor personnel needing familiarization will be included in the Operational Transition Plan. Onsite training is only an orientation session and is not a technical training course.

#### J4.3.5 Rights of the Government to Perform Function with Its Own Personnel

The Government reserves the right to perform or supplement performance of contract functions with Government personnel during periods of disaster, war emergencies, police actions, or acts of God affecting the installation. This performance will not constitute a breach of contract on the part of the Contractor.

### J4.4 Current Service Arrangement

Fort Dix provides wastewater treatment for McGuire Air Force Base. As required by this contract, the Contractor shall demonstrate the ability to meet and shall establish the requirements to provide wastewater service for McGuire AFB.

McGuire AFB generated approximately 483 million gallons (Mgal) of wastewater in Fiscal Year 2003. The flow ranged from 36 Mgal in October 2002 to a high of 48 Mgal in January 2003. The most recent monthly readings are available in the technical library. The current operator of the treatment system holds all operational permits and licenses. Currently, there are no unique environmental or operational permits or licenses required for the treatment of wastewater generated on McGuire AFB.

### J4.5 Secondary Metering

New secondary metering shall be installed as described in the below table.

TABLE 5  
New Secondary Meters  
Wastewater System McGuire AFB

Project Location	Project Description
18-inch VCP exiting McGuire AFB property in the NW quadrant of the base.	Install one 18-inch flow meter to be read, calibrated and maintained in accordance with Section C.3 of the contract.
24-inch VCP exiting McGuire AFB property in the NW	Install one 24-inch flow meter to be read, calibrated and maintained in

quadrant of the base.	accordance with Section C.3 of the contract.
9 each lift stations as identified in Table 1.	Install an electric meter for each of 9 lift stations.

## 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 25<sup>th</sup> of each month for the previous month. Invoices shall be submitted to:

Privatization Officer  
 305 CONS/LGCA  
 2402 Vandenberg Ave.  
 McGuire AFB, NJ 08641  
 (609) 754-5929

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 25<sup>th</sup> of each month for the previous month. Outage reports shall be submitted to:

Flight Chief, Maintenance Engineering  
 305CES/CEOE  
 2403 Vandenberg Ave  
 McGuire AFB, NJ 08641  
 (609) 754-4868

3. Meter Reading Report. The monthly meter reading report shall show the current and previous month readings for all secondary meters. The Contractor's monthly meter reading report will be prepared in the format proposed by the Contractor and accepted by the Contracting Officer. Meter reading reports shall be submitted by the 25<sup>th</sup> of each month for the previous month. Meter reading reports shall be submitted to:

Flight Chief, Maintenance Engineering  
 305CES/CEOE  
 2403 Vandenberg Avenue  
 McGuire AFB, NJ 08641  
 (609) 754-4868

4. 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 25<sup>th</sup> of each month for the previous month. System efficiency reports shall be submitted to:

Flight Chief, Maintenance Engineering  
 305CES/CEOE  
 2403 Vandenberg Ave  
 McGuire AFB, NJ 08641  
 (609) 754-4868

## 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 McGuire AFB boundaries except as amended below:

It does not include the Falcon Courts North Military Housing area located immediately north of the main installation across Wrightstown-Cookstown Road, the trailer park located near the main entrance of the installation across Wrightstown-Cookstown Road or the Falcon Courts East Military Housing Areas. The Military Family Housing areas are being privatized through the Military Family Housing Privatization Program. However, sewage from the housing areas will flow through the McGuire privatized wastewater system and will continue to be treated at the Fort Dix treatment plant.

## J4.9 Off-Installation Sites

No off-installation sites are included in the sale of the McGuire AFB wastewater system.

## J4.10 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 System McGuire AFB

Location	Description
Building 1619 in the center of the airfield.	Connect Building 1619 to lift station approximately 200 feet away. Assume a lift pump and a 2" pipe run from Building 1619 to the lift station at the adjacent weather station.

## J4.11 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 McGuire AFB 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 through Schedule L-3. Renewal and Replacement projects will be recovered through Sub-CLIN AB.

**TABLE 7**  
System Deficiencies  
*Wastewater System McGuire AFB*

Project Location	Project Description
None.	