

Walter Reed Army Medical Center: Forest Glen Annex Wastewater Collection System

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J06 Walter Reed Army Medical Center: Forest Glen Annex Wastewater Collection System

J06.1 Walter Reed Army Medical Center Overview

The Main Campus of Walter Reed Army Medical Center (WRAMC) is located in northern Washington, D.C., at 7100 Georgia Ave. N.W., between Rock Creek Park and Georgia Avenue near the Maryland - District of Columbia boundary. WRAMC is staffed by about 600 physicians, 535 registered nurses, and 600 licensed practical nurses. The host command is the U.S. Army Medical Command. The WRAMC mission is multi-faceted, and includes:

- (1) provision of advanced and sub-specialty health care and services to soldiers, their families, and a large community of military retirees.
- (2) Medical education and training, which contribute to the Army medical department of tomorrow.
- (3) Medical research for our soldiers and patients, to strengthen the armed forces of the future

J06.2 Wastewater Collection System Description

J06.2.1 Wastewater Collection System Fixed Equipment Inventory

The Walter Reed Army Medical Center Forest Glen Annex wastewater system consists of all appurtenance physically connected to the collection system from the point of demarcation defined by the real estate instruments to point in which the collection system exits the base (Section B). The system may include, but is not limited to, pipelines, manholes, lift stations, valves, controls, treatment plants, meters, etc The following description and inventory is included to provide the Contractor a general understanding of the size and configuration of the distribution system. The Government makes no representation that the inventory is accurate. The Contractor shall base the 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 cost adjustments based on the accuracy of the following description and inventory.

J06.2.1.1 Wastewater Collection System Description

The wastewater collection system at the Forest Glen Annex is a gravity flow system consisting of sewer collection pipes and manholes. There are no wastewater treatment facilities or lift stations on the Forest Glen Annex. The system consists of approximately 9,055 LF of pipe system, ranging in size from 4 inches to 12 inches, made up of terra cotta clay, vitrified clay, transite, and cast iron pipe. There are about 56 manholes.

Table 1 provides a general listing of the major collection system fixed assets for the WRAMC Forest Glen Annex wastewater collection systems included in the purchase. The systems will be sold in a “as is, where is” condition without any warranty, representation, or obligation on the part of Government to make any alterations, repairs, or improvements. Ancillary equipment attached to, and necessary for, operating the system, though not specifically mentioned herein, is considered part of the purchased utility.

TABLE 1
 Fixed Inventory
 Wastewater Collection System Inventory Forest Glen Annex

Item	Size (in.)	Quantity	Unit	Approximate Year of Construction
SEWER PIPE				
Cast iron	4	173	lf	1993
	6	255	lf	1965
	6	393	lf	>50 years old
	8	745	lf	>50 years old
Transite	6	312	lf	1970
	8	2,195	lf	1970
Vitrified clay	4	116	lf	>50 years old
	6	203	lf	1956
	6	688	lf	1976
Terra cotta clay	6	386	lf	>50 years old
	6	110	lf	1965
	8	517	lf	>50 years old
	8	736	lf	1956
	8	1,464	lf	1976
	12	348	lf	>50 years old
PVC	8	314	lf	1994
STANDARD SANITARY SEWER MANHOLES	--	56	ea	Note 1

Note 1: Manholes installation dates range from early 1900's through mid-1990's..
 lf = linear feet
 ea = each

J06.2.2 Wastewater Collection System Non-Fixed Equipment and Specialized Tools Inventory

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 and tools prior to submitting a bid. Offerors shall make their own determination of the adequacy of all equipment and tools. The successful Contractor shall provide any and all equipment, vehicles, and tools, whether included in the purchase or not, to maintain a fully operating system under the terms of this contract.

TABLE 2

Spare Parts

Wastewater Collection System WRAMC Forest Glen Annex

Qty	Item	Make/Model	Description	Remarks
None Identified				

TABLE 3

Specialized Equipment and Vehicles

Wastewater Collection System WRAMC Forest Glen Annex

Description	Quantity	Location	Maker
None Identified			

J06.2.3 Wastewater System Manuals, Drawings, and Records Inventory

Table 4 lists the manuals, drawings, and records that will be transferred with the system.

TABLE 4

Manuals, Drawings, and Records

Wastewater Collection System WRAMC Forest Glen Annex

Qty	Item	Description	Remarks
Miscellaneous Manuals, Drawings, and Records, which are included in the Technical Library			

J06.3 Specific Service Requirements

The service requirements for the Walter Reed Army Medical Center Forest Glen Annex wastewater collection system are as defined in Section C, *Description/Specifications/Work Statement*.

J06.4 Current Service Arrangement

The Washington Suburban Sanitary Commission (WSSC) provides wastewater treatment for the WRAMC Forest Glen Annex. There are no separate meters for measuring wastewater, but instead the

potable water meter readings are used, and sewage is billed at 100% of the potable water provided. The potable meters at the Forest Glen Annex are read on a monthly basis. Based on the monthly meter readings, the FY98 sewage flow is estimated to be approximately 0.6 million gallons per day (MGD) maximum and 121 million gallons (MG) per year.

As required by this contract, the Contractor shall demonstrate the ability to meet and shall establish the requirements to provide wastewater service to WRAMC.

J06.5 Secondary Metering

The Base may require secondary meters for internal billings of their reimbursable customers, utility usage management, and other monitoring purposes. The Contractor shall assume full ownership and responsibility for existing and future secondary meters IAW Paragraph C.3.

J06.5.1 Existing Secondary Meters

Table 5 provides a listing of the existing (at the time of contract award) secondary meters that will be transferred to the Contractor. The Contractor shall provide meter readings once a month for all secondary meters IAW Paragraph C.3 and J06.6 below.

TABLE 5
Existing Secondary Meters
Wastewater Collection System WRAMC Forest Glen Annex

Meter Location	Meter Description
None identified	

J06.5.2 Required New Secondary Meters

The Contractor shall install and calibrate new secondary meters as listed in Table 6. 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 J06.6 below.

TABLE 6
New Secondary Meters
Wastewater Collection System WRAMC Forest Glen Annex

Meter Location	Meter Description
None Identified	

J06.6 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 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. Meter Reading Report. The monthly meter reading report shall show the current and previous month readings for all identified 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 15th of each month for the previous month. Meter reading reports shall be submitted to the person identified at time of contract award.

J06.7 Infiltration and Inflow (I&I) Projects

IAW C.3, Utility Service Requirement, the following projects have been implemented by the Government for managing and monitoring I&I.

None

J06.8 Service Area

IAW Paragraph C.4, Service Area, the service area is defined as all areas within the WRAMC Forest Glen Annex boundaries.

J06.9 Off-Installation Sites

The Walter Reed Army Medical Center Main Campus is located in Washington, D.C.

J06.10 Specific Transition Requirements

IAW Paragraph C.13, Transition Plan, **Table 7** lists service connections and disconnections required upon transfer of the WRAMC wastewater collection system.

TABLE 7
 Service Connections and Disconnections
 Wastewater Collection System WRAMC Forest Glen Annex

Location	Description
None Identified	

J06.11 Government Recognized System Deficiencies

Table 8 provides a listing of system improvements that the government has planned. The government recognizes these improvement projects as representing current deficiencies associated with the Walter Reed Army Medical Center Forest Glen Annex 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 schedule L-3. Renewal and replacement projects will be recovered through sub-clin ac.

TABLE 8
 System Deficiencies
 Wastewater Collection System WRAMC Forest Glen Annex

Project Location	Project Description
None Identified	

J06.12 Wastewater Collection System Points of Demarcation

The point of demarcation is defined as the point on the wastewater collection pipe where ownership changes from the Grantee to the building owner. This point of demarcation will typically be at the point the utility enters a building structure. **Table 9** identifies the type and general location of the point of demarcation with respect to the building for each scenario. **Table 10** lists anomalous points of demarcation that do not fit any of the scenarios of Table 9. **Table 11** includes any parcels of land that the Grantee will need to be granted exclusive use under the right-of-way.

TABLE 9
Points of Demarcation
Wastewater Collection System WRAMC Forest Glen Annex

Point of Demarcation	Applicable Scenario	Sketch
Point where the service line enters the structure	Sewer system flow meter is located on the service line entering the structure.	
Point of demarcation is the cleanout device. if within 10' of the building perimeter	No flow meter exists and a sewer system cleanout is located within 10 feet of the building perimeter on the service line.	
Point where the service line enters the structure <i>Note: A new cleanout device should be installed within 10' of building during any stoppage or maintenance action. This will then become the new point of demarcation.</i>	No flow meter or cleanout exists on the service line entering the structure.	

TABLE 10
Anomalous Points of Demarcation
Wastewater Collection System WRAMC Forest Glen Annex

Building No.	Point of Demarcation Description
None	

TABLE 11
Plants
Wastewater Collection System WRAMC Forest Glen Annex

Description	Facility Number	State Coordinates	Other Information
None			