

ATTACHMENT J04

Carlisle Barracks Wastewater Collection System

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J04 Carlisle Barracks Wastewater Collection System

J04.1 Carlisle Barracks Overview

Carlisle Barracks is the home of the U.S. Army War College and the U.S. Army Military History Institute and was founded in 1757. Carlisle Barracks is a small post, four fifths of a mile long and half a mile wide, containing 217 total acres. In addition to the main post, Carlisle Barracks includes family housing units at the nearby Stanwix Apartment area. A typical student body consists of 290 senior officers.

J04.2 Wastewater Collection System Description

J04.2.1 Wastewater Collection System Fixed Equipment Inventory

The Carlisle Barracks wastewater collection system facilities consists of all appurtenances 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 and current Government ownership ends. Generally, the point of demarcation will be the building footprint. The system may include, but is not limited to, pipelines, lift station, and manholes. The following description and inventory is included to provide the Offeror with a general understanding of the size and configuration of the collection system. The Offeror shall base the proposal on site inspections, information in the bidder's library, other pertinent information, and to a lesser degree the following description. Under no circumstances shall the successful Contractor be entitled to any rate adjustments based on the accuracy of the following description and inventory.

J04.2.1.1 Description

Wastewater from the Carlisle Barracks collection system is delivered into a sewer main owned and maintained by the Borough of Carlisle. The Borough's main runs through Carlisle Barracks, on the western half of the Installation. Carlisle Barracks pays a fixed monthly fee to the Borough for wastewater service. Carlisle Barracks has tried installing flow meters in the mains to determine the actual flow into the Borough's mains; however, the meters have been abandoned due to problems with keeping them operational.

The collection system at Carlisle Barracks was initially installed in the early 1940s. The collection system is comprised of terra cotta, concrete, cast iron, asbestos concrete and polyvinyl chloride pipe in various diameters from four inch to fifteen inch. The major collection pipe is eight inches in diameter. Due to significant infiltration / inflow (I/I) problems some of the mains have been sliplined or insituformed.

The maps indicate that there are eleven sewage lift stations within the wastewater collection system of Carlisle Barracks. Nine of the lift stations, at Buildings 1, 253, 257, 300, 420, 559, 830, 849 and 870, are located inside the building and, therefore, are not included in the privatization inventory. The two lift stations which are isolated from other buildings or which have outside entrances to the pumping equipment have been included and would be privatized with the wastewater system.

J04.2.1.2 Inventory

Table 1 provides a general listing of the major collection system fixed assets for the Carlisle Barracks wastewater collection system included in the purchase. The system 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 facilities Inventory Carlisle Barracks

Item	Size	Quantity	Unit	Approximate Year of Construction
Pipe	4"	3,260	Linear Feet	Various
	6"	6,724	Linear Feet	Various
	8"	15,485	Linear Feet	Various
	12"	1,155	Linear Feet	Various
	15"	395	Linear Feet	Various
	18"	3,005	Linear Feet	Various
Manholes		132	Each	Various
Lift Stations		2	Each	Various

J04.2.2 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 and Treatment System Carlisle Barracks

Qty	Item	Make/Model	Description	Remarks
	None Identified			

TABLE 3
Specialized Equipment and Vehicles
Wastewater Collection and Treatment System Carlisle Barracks

Description	Quantity	Location	Maker
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None Identified

J04.2.3 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 Carlisle Barracks

Qty	Item	Description	Remarks
	None		

J04.3 Current Service Arrangement

The Army currently provides wastewater collection service for Carlisle Barracks. The wastewater collected from the Carlisle Barracks flows into a force main owned and operated by the Borough of Carlisle. As required by this contract, the Contractor shall demonstrate the ability to meet and shall establish the requirements to provide wastewater collection service to Carlisle Barracks.

J04.4 Secondary Metering

There are currently no requirements for secondary metering of wastewater included in this contract. Any future wastewater secondary metering requested by the Government will be IAW C.3, Future Secondary Meters.

J04.5 Submittals

In addition to the submittal requirements from Clause H.5, the Contractor shall provide the Government monthly submittals for:

1. Invoicing (IAW G.2) for the previous months services. The Contractors invoice shall be prepared in a format proposed by the Contractor and accepted by the Contracting Officer.
2. Monthly interruption report for the previous month. The Contractors monthly interruption report shall be prepared in the format presented in Attachment 1.
3. System Efficiency Report. If required by Clause C.3 the Contractors shall submit a system efficiency report in a format proposed by the Contractor and accepted by the Contracting Officer.

J04.6 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

J04.7 Service Area

IAW Clause C.4, Service Area, the service area is defined as all areas within the Fort Monmouth and Charles Wood Area boundaries.

J04.8 Off-Installation Sites

There are no off-installation sites associated with this scope.

J04.9 Specific Transition Requirements

IAW Clause C.17, Transition Plan, **Table 5** lists service connections and disconnections required upon transfer, and Table 6 lists the improvement projects required upon transfer of the Fort Monmouth & Charles Wood wastewater collection system.

TABLE 5
Service Connections and Disconnections
Wastewater Collection and Treatment System Carlisle Barracks

Location	Description
None Identified	

TABLE 6
System Improvement Projects
Wastewater Collection and Treatment System Carlisle Barracks

Project Location	Project Description
None Identified	

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. The table below identifies the general locations of these points with respect to the building served.

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.	

Unique Points of Demarcation

The following table lists anomalous points of demarcation that do not fit any of the above categories.

Building No.	Point of Demarcation Description
["None" if appropriate]	Text description of point of demarcation <i>"User Note: Examples May include: High Security Area, Weapons Storage, Irrigation systems, fire suppression systems, etc."</i>

Plants

Description	Facility Number	State Coordinates	Other Information
<i>"User Note: This table should include any parcels of land that the Grantee will need to be granted exclusive use under the right-of-way. This land should be described according to a state coordinate system."</i>			

