

ATTACHMENT J9

# **RHODE ISLAND AIR NATIONAL GUARD BASE AT QUONSET STATE AIRPORT Wastewater Collection System**

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# **J9 RHODE ISLAND AIR NATIONAL GUARD BASE AT QUONSET STATE AIRPORT Wastewater Collection System**

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## **J9.1 RHODE ISLAND AIR NATIONAL GUARD BASE AT QUONSET STATE AIRPORT Overview**

Rhode Island Air National Guard Base at Quonset State Airport is located 20 miles south of Providence, Rhode Island and approximately 2.5 miles north of Wickford, Rhode Island. It is the home of the 143rd Airlift Wing whose mission is to provide air logistics support. The base is 79 acres of leased land. By July 2001 the base will have an additional lease for approximately 15 acres used for the development of their master plan and will allow for construction of facilities to support new C-130J transport aircraft (Proposed projects are listed in J9.11). There are a total of 12 facilities on base: 4 industrial, 6 administrative and 2 services with no family housing. Current base population is approximately 360 personnel during non-drill duty days and increases to approximately 599 personnel on a drill duty weekend that occurs once per month.

## **J9.2 Wastewater collection system Description**

### **J9.2.1 Wastewater collection system Fixed Equipment Inventory**

The RHODE ISLAND AIR NATIONAL GUARD BASE AT QUONSET STATE AIRPORT 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, manholes, lift stations, valves, controls, treatment plants, 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 collection system privatization are:

1. Oil Water Separators
2. Grease Traps

**J9.2.1.1 Description**

The wastewater collection system is comprised of individual vitrified clay (approximately 4,105 LF) leading to a centralized collection system and a lift station. The effluent is pumped off base via a 6-inch ductile iron pipe force main. There are 21 manholes; 12 are brick construction and 9 are precast concrete. There are no known sags and inflow/infiltration is unknown. Installation dates of the system components range from 1940 to 1980. There are currently no upgrades or additions to the system in progress. There is no treatment facility located on the base.

**J9.2.1.2 Inventory**

**Table 1** provides a general listing of the major wastewater collection system fixed assets for the RHODE ISLAND AIR NATIONAL GUARD BASE AT QUONSET STATE AIRPORT wastewater collection system included in the sale.

**TABLE 1**  
Fixed Inventory  
Wastewater Utility System RHODE ISLAND AIR NATIONAL GUARD BASE AT QUONSET STATE AIRPORT

Item	Size (inches)	Quantity	Unit	Approximate Year of Construction
<b>Vitrified Clay Pipe</b>				
	4	45	LF	1940
	6	1302	LF	1940
	6	951	LF	1980
	8	397	LF	1940
	8	1165	LF	1980
	10	245	LF	1980
<b>Standard Sanitary Sewer Manhole</b>				
	<b>FT</b>			
Brick	6	12	EA	1940
Precast Concrete	6	4	EA	1980
Precast Concrete	8	5	EA	1980
<b>Wastewater Lift/Pump Station</b>				
		1	EA	1980
Lift StationPumps	3HP	2	EA	1980

Notes:  
PVC = Polyvinyl Chloride  
LF = Linear Feet  
EA = Each

## J9.2.2 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 RHODE ISLAND AIR NATIONAL GUARD BASE AT QUONSET STATE AIRPORT

Qty	Item	Make/Model	Description	Remarks
None				

**TABLE 3**

Specialized Vehicles and Tools

Wastewater collection system RHODE ISLAND AIR NATIONAL GUARD BASE AT QUONSET STATE AIRPORT

Description	Quantity	Location	Maker
None			

## J9.2.3 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 RHODE ISLAND AIR NATIONAL GUARD BASE AT QUONSET STATE AIRPORT

Qty	Item	Description	Remarks
1		Base Information	AutoCAD 14

## J9.3 Specific Service Requirements

The service requirements for the RHODE ISLAND AIR NATIONAL GUARD BASE AT QUONSET STATE AIRPORT wastewater collection system are as defined in the Section C, *Description/Specifications/Work Statement*.

## **J9.4 Current Service Arrangement**

- Provider Name: Rhode Island Economic Development Corporation (EDC)
- Average Usage: 145,298 Gal/Month, 1,743,580 Gal/Year. Note: Wastewater is billed based on water consumption.

## **J9.5 Secondary Metering**

None

## **J9.6 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 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 25<sup>th</sup> 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 25<sup>th</sup> of each month for the previous month. System efficiency reports shall be submitted to the person identified at time of contract award.

## **J9.7 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

## **J9.8 Service Area**

IAW Paragraph C.4, Service Area, the service area is defined as all areas within the RHODE ISLAND AIR NATIONAL GUARD BASE AT QUONSET STATE AIRPORT boundaries.

## **J9.9 Off-Installation Sites**

No off-installation sites are included in the sale of the RHODE ISLAND AIR NATIONAL GUARD BASE AT QUONSET STATE AIRPORT wastewater collection system.

## J9.10 Specific Transition Requirements

IAW Paragraph C.13, Transition Plan, **Table 5** provides a listing of service connections and disconnection's required upon transfer.

**TABLE 5**

Service Connections and Disconnection's

Wastewater collection system RHODE ISLAND AIR NATIONAL GUARD BASE AT QUONSET STATE AIRPORT

Location	Description
None	

## J9.11 Government Recognized System Deficiencies

**Table 6** provides a listing of system improvements that the Government has planned. The Government recognizes these improvement projects as representing current deficiencies associated with the RHODE ISLAND AIR NATIONAL GUARD BASE AT QUONSET STATE AIRPORT 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 AB.

**TABLE 6**

## System Deficiencies

Wastewater collection system RHODE ISLAND AIR NATIONAL GUARD BASE AT QUONSET STATE AIRPORT

Project Location	Project Description
	<p>Although the following projects are not considered <i>system deficiencies</i>, they are included in this table to advise prospective offerors of future construction plans that may affect utility demand.</p>
	<ul style="list-style-type: none"><li>• SECURITY FORCE TRAINING FACILITY, 7,500 SF, PROJECT #999127</li></ul>
	<ul style="list-style-type: none"><li>• ADD TO SQUAD OPS (BLDG 7), 6,300 SF, PROJECT #959509</li></ul>
	<ul style="list-style-type: none"><li>• REPAIR SQUAD OPS (BLDG 7), 15,740 SF, PROJECT #992809</li></ul>
	<ul style="list-style-type: none"><li>• REPLACE COMPOSITE MAINTENANCE FACILITY, 48,550 SF PROJECT #000661</li></ul>
	<ul style="list-style-type: none"><li>• CONSTRUCT MUNITIONS STORAGE COMPLEX, 1,650 SF, PROJECT #992634</li></ul>
	<ul style="list-style-type: none"><li>• CONSTRUCT BASE TRAFFIC ENTRANCE, 200 SF, PROJECT #982595</li></ul>
	<ul style="list-style-type: none"><li>• REPLACE MAINT HANGAR &amp; SHOPS, SIZE TBD, PROJECT #959507</li></ul>
	<ul style="list-style-type: none"><li>• CONSTRUCT LIFE SUPPORT/SURVIVAL EQUIP, SIZE TBD, PROJECT #999143</li></ul>