

FRANCIS S. GABRESKI AIRPORT (ANG) Water Distribution System

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J2 FRANCIS S. GABRESKI AIRPORT (ANG) Water Distribution System

J2.1 Francis S. Gabreski Airport (ANG) Overview

Francis S. Gabreski Airport (ANG) is located in Long Island (Westhampton Beach), New York, approximately 80 miles east of New York City. It is home to the 106th Rescue Wing which operates HC-130 Hercules and MH-60G Black Hawk helicopters to provide war and peacetime aerial rescue services. The base encompasses 88 acres and contains 34 buildings; 32 Industrial and 2 Services, amounting to approximately 311,000 square feet. There is no family or transient housing. The day-to-day base population is approximately 250 personnel; however, one weekend each month the population surges to 826 in response to Air National Guard drills.

J2.2 Water Distribution System Description

J2.2.1 Water Distribution System Fixed Equipment Inventory

The Francis S. Gabreski Airport (ANG) water distribution system consists of all appurtenances physically connected to the distribution system from the point in which the distribution system enters the Installation and Government ownership currently starts to the point of demarcation, defined by the Right of Way. The system may include, but is not limited to, pipelines, valves, and fire hydrant assemblies. 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 distribution 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 water distribution system privatization are:

- Building fire suppression systems
- Lawn irrigation systems

J2.2.1.1 Description

The water distribution system consists of approximately 2,300 linear feet of ductile iron and approximately 5,500 linear feet of cement asbestos mains and laterals arranged in a looped-branched pattern and buried at an average depth of four feet. Additionally there are 22 gate valves, six post indicator valves and 20 fire hydrant assemblies. System installation was initiated in the early 1940's with subsequent additions completed incrementally from the early 1950's through the late 1980's. The ductile iron piping has diameters ranging from one inch to six inches – approximately half of the ductile iron piping falls within the 6 inch diameter category. All of the cement asbestos piping has a diameter of eight inches. The gate valves range in size from one inch to eight inches.

J2.2.1.2 Inventory

Table 1 provides a general listing of the major water distribution system fixed assets for the Francis S. Gabreski Airport (ANG) water distribution system included in the sale.

TABLE 1

Fixed Inventory

Water Distribution System Francis S. Gabreski Airport (ANG)

Item	Size (in.)	Quantity	Unit	Approximate Year of Construction
Ductile Iron Pipe	1	140	LF	1940
	1.25	150	LF	1952
	1.5	95	LF	1954
	1.5	280	LF	1941
	2	130	LF	1941
	2	130	LF	1965
	3	270	LF	1954
	6	205	LF	1953
	6	940	LF	1954
Cement Asbestos Pipe	8	1000	LF	1952
	8	3365	LF	1954
	8	1100	LF	1970
Gate Valves	1	2	EA	1941
	1.25	1	EA	1952
	1.5	1	EA	1951
	1.5	2	EA	1954
	2	1	EA	1952
	2	1	EA	1954
	2	1	EA	1955
	3	1	EA	1986
	6	1	EA	1953
	6	7	EA	1954
	8	4	EA	1954
Post Indicator Valves	6	6	EA	1985

Item	Size (in.)	Quantity	Unit	Approximate Year of Construction
Fire Hydrant Assemblies	6	20	EA	1985
Notes: PVC = Polyvinyl chloride EA = Each LF = Linear Feet				

J2.2.2 Water Distribution 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

Water System Francis S. Gabreski Airport (ANG)

Qty	Item	Make/Model	Description	Remarks
None				

TABLE 3

Specialized Vehicles and Tools

Water Distribution System Francis S. Gabreski Airport (ANG)

Description	Quantity	Location	Maker
None			

J2.2.3 Water Distribution 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

Water Distribution System Francis S. Gabreski Airport (ANG)

Qty	Item	Description	Remarks
1	Map	Water Distribution System	AutoCAD VERSION 14

J2.3 Specific Service Requirements

There are no specific service requirements for the Francis S. Gabreski Airport (ANG) water distribution system beyond those defined in the Section C Description/Specifications/Work Statement.

J2.4 Current Service Arrangement

- Current Provider: Suffolk County Water Authority
- Annual Usage: 309,000 gallons/year
- Monthly Range: High 25,800 gallons/month
Low 16,950 gallons/month

J2.5 Secondary Metering

J2.5.1 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 for all secondary meters IAW Paragraph C.3 and J2.6 below.

TABLE 5

Existing Secondary Meters
Water Distribution System Francis S. Gabreski Airport (ANG)

Meter Location	Meter Description (Type)
None	

J2.5.2 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 J2.6 below.

TABLE 6

New Secondary Meters
Water Distribution System Francis S. Gabreski Airport (ANG)

Meter Location	Meter Description
None	

J2.6 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 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 (if any). 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.

J2.7 Water Conservation Projects

IAW Paragraph C.3 Utility Service Requirement, the following projects have been implemented by the Government for conservation purposes.

None

J2.8 Service Area

IAW Paragraph C.4 Service Area, the service area is defined as all areas within the Francis S. Gabreski Airport (ANG) boundaries.

J2.9 Off-Installation Sites

No off-installation sites are included in the sale of the Francis S. Gabreski Airport (ANG) water distribution system.

J2.10 Specific Transition Requirements

IAW Paragraph C.13 Transition Plan, **Table 7** provides a listing of service connections and disconnections required upon transfer.

TABLE 7

Service Connections and Disconnections
Water Distribution System Francis S. Gabreski Airport (ANG)

Location	Description
None	

J2.11 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 Francis S. Gabreski Airport (ANG) water distribution 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 Schedule L-3. Renewal and Replacement projects will be recovered through Sub-CLIN AB.

Table 8

System Deficiencies

Water Distribution System Francis S. Gabreski Airport (ANG)

Project Location	Project Description
None	