

ATTACHMENT J6

Greater Peoria Regional Airport (ANG) Water Distribution System

Table of Contents

GREATER PEORIA REGIONAL AIRPORT (ANG) WATER DISTRIBUTION SYSTEM.....I

J6 GREATER PEORIA REGIONAL AIRPORT (ANG) WATER DISTRIBUTION SYSTEM2

J6.1 GREATER PEORIA REGIONAL AIRPORT (ANG) OVERVIEW 2

J6.2 WATER DISTRIBUTION SYSTEM DESCRIPTION..... 2

 J6.2.1 Water Distribution System Fixed Equipment Inventory 2

 J6.2.1.1 Description..... 2

 J6.2.1.2 Inventory 3

 J6.2.2 Water Distribution System Non-Fixed Equipment and Specialized Tools 4

 J6.2.3 Water Distribution System Manuals, Drawings, and Records 5

J6.3 SPECIFIC SERVICE REQUIREMENTS..... 5

J6.4 CURRENT SERVICE ARRANGEMENT 5

J6.5 SECONDARY METERING..... 5

 J6.5.1 Existing Secondary Meters 5

 J6.5.2 Required New Secondary Meters 6

J6.6 MONTHLY SUBMITTALS..... 6

J6.7 WATER CONSERVATION PROJECTS..... 7

J6.8 SERVICE AREA..... 7

J6.9 OFF-INSTALLATION SITES 7

J6.10 SPECIFIC TRANSITION REQUIREMENTS..... 7

J6.11 GOVERNMENT RECOGNIZED SYSTEM DEFICIENCIES 7

List of Tables

Fixed Inventory 3

Spare Parts 4

Specialized Vehicles and Tools 5

Manuals, Drawings, and Records..... 5

Existing Secondary Meters..... 5

New Secondary Meters 6

Service Connections and Disconnections 7

System Deficiencies..... 7

J6 Greater Peoria Regional Airport (ANG) Water Distribution System

J6.1 Greater Peoria Regional Airport (ANG) Overview

The 182nd Airlift Wing (AW) of the Illinois Air National Guard occupies 339 acres of leased land, separated into two parcels of 334 and 5 acres respectively. All utility systems on the 5-acre parcel are already privatized. Both parcels of leased land are on the Greater Peoria Regional Airport, located approximately six miles southwest of Peoria, in north central Illinois. The mission of the 182nd AW is to provide air transportation of personnel and equipment to deployed locations. The unit currently flies the C-130E Hercules. The 182nd AW occupies five administrative and 30 industrial buildings, totaling approximately 413,406 square feet with 238 full-time personnel. A unit training drill is conducted once a month and results in a surge of up to a total of 1200 personnel.

J6.2 Water Distribution System Description

J6.2.1 Water Distribution System Fixed Equipment Inventory

The Greater Peoria Regional 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, fire hydrants, and meters. It does not include any water rights. 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:

- ?? Lawn sprinkler systems
- ?? Fire suppression systems
- ?? Illinois-American Water Company (IAWCO) owns a short section of pipe that comes from off base and ends at an IAWCO owned utility vault located approximately 340 feet north of the perimeter fence adjacent to the intersection of the East Loop Road and Construction Road. At the utility vault, the IAWCO owned pipe splits into two pipes, each fitted with IAWCO owned meters. After the two meters, the pipes merge back into one line before exiting the meter pit. Base ownership begins where the 8-inch main exits of the downstream side of the meter pit.

J6.2.1.1 Description

Water is supplied by Illinois-American Water Company (IAWCO) and enters the base at one point. The configuration is a looped system with water delivered at 75-100 psig. The distribution system

includes both a potable water line and a fire protection line that supplies the base fire hydrants. The system consists of approximately 370 linear feet of PVC pipe, and 19,300 linear feet of ductile iron pipe. Pipe diameters range from two to twelve inches and pipe is buried at an average depth of 5 feet without the use of tracer wire or marking tape. The system also has nine cast iron-gate valves, 17 fire hydrant assemblies, 14 meters, and 17 post indicator valves. Base personnel indicate the capacity of the current system is adequate for present and future needs.

J6.2.1.2 Inventory

Table 1 provides a general listing of the major water distribution system fixed assets for the Greater Peoria Regional Airport (ANG) water distribution system included in the sale.

TABLE 1

Fixed Inventory

Water Distribution System Greater Peoria Regional Airport (ANG)

Item	Size	Quantity	Unit	Approximate Year of Construction
PVC Pipe	(in)			
	2.5	372	LF	1989
Ductile Iron Pipe	(in)			
	2	141	LF	1989
	2	703	LF	1992
	2	40	LF	1999
	2	265	LF	1994
	2.5	90	LF	1992
	3	347	LF	1989
	3	201	LF	1992
	3	171	LF	1991
	3	270	LF	1990
	3	390	LF	1994
	4	5520	LF	1989
	4	390	LF	1990
	4	410	LF	2000
	6	62	LF	1989
	6	304	LF	1992
	6	388	LF	2000
	6	240	LF	1990
	6	275	LF	1994
	8	4695	LF	1989

Item	Size	Quantity	Unit	Approximate Year of Construction
	8	833	LF	1999
	10	140	LF	1992
	12	3455	LF	1989
Steel Gate Valves	(in)			
	2	1	EA	1989
	2.5	3	EA	1989
	3	1	EA	1989
	4	4	EA	1989
Post Indicator Valves	(in)			
	8	9	EA	1989
	12	8	EA	1989
Fire Hydrant Assemblies				
		17	EA	1989
Meters (See Section J6.5.1 for more details)	(in)			
	1.5	2	EA	1994
	1.5	1	EA	1993
	1.5	1	EA	1992
	2	3	EA	1994
	2	2	EA	1992
	2	1	EA	1999
	2	4	EA	1990
Notes:				
PVC = Polyvinyl Chloride				
EA = Each				
LF = Linear Feet				
IN=Inches				

J6.2.2 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 Distribution System Greater Peoria Regional Airport (ANG)

Qty	Item	Make/Model	Description	Remarks
None				

TABLE 3
 Specialized Vehicles and Tools
 Water Distribution System Greater Peoria Regional Airport (ANG)

Description	Quantity	Location	Maker
None			

J6.2.3 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 Greater Peoria Regional Airport (ANG)

Qty	Description	Remarks
1	Base Water System Layout	AutoCAD Release Version 14

J6.3 Specific Service Requirements

The service requirements for the Greater Peoria Regional Airport (ANG) water distribution system are as defined in the Section C, Description/Specifications/Work Statement.

J6.4 Current Service Arrangement

- ?? **Current Provider:** Illinois-American Water Company
- ?? **Average Annual Usage (2000):** 4700 kGals
- ?? **Maximum Monthly Usage:** 580 kGals (September)
- ?? **Minimum Monthly Usage:** 260 kGals (December)

J6.5 Secondary Metering

J6.5.1 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 J6.6 below.

TABLE 5
 Existing Secondary Meters
 Water Distribution System Greater Peoria Regional Airport (ANG)

Meter Location (Building #)	Meter Description (Type)
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Meter Location (Building #)	Meter Description (Type)
528	Sensus, Model W-120, 1.5-inch, 1994
530	Neptune, Model Trident 10, 2-inch, 1994
536	Sensus, Model W-1L0, 2-inch, 1992
620	Sensus, Model SR, 1.5-inch, 1993
628	Sensus, Model SR, 2-inch, 1994
632	Badgor, 2-inch, 1999
636	Rockwell, Model SR, 2-inch, 1990
728	Neptune, Model Trident 10, 2-inch, 1992
730	Mays, 2-inch, 1990
734	Rockwell, Model SR, 2-inch, 1990
820	Sensus, Model SR, 1.5-inch, 1994
830	Kent, 2-inch, 1990
834	Neptune, Model Trident 10, 1.5-inch, 1994
836	Neptune, Model Trident 10, 1.5-inch, 1992

J6.5.2 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 J6.6 below.

TABLE 6
 New Secondary Meters
 Water Distribution System Greater Peoria Regional Airport (ANG)

Meter Location (Building #)	Meter Description
630	To be determined by contractor

J6.6 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. 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.

J6.7 Water Conservation Projects

IAW Paragraph C.3 Utility Service Requirement, the following projects have been implemented by the Government for conservation purposes: None.

J6.8 Service Area

IAW Paragraph C.4 Service Area, the service area is defined as all areas within the Greater Peoria Regional Airport (ANG) boundaries.

J6.9 Off-Installation Sites

No off-installation sites are included in the sale of the Greater Peoria Regional Airport (ANG) water distribution system.

J6.10 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 Greater Peoria Regional Airport (ANG)

Location	Description
None	

J6.11 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 Greater Peoria Regional 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 through Schedule L-3. Renewal and replacement projects will be recovered through Sub-CLIN AB.

TABLE 8
System Deficiencies
Water Distribution System Greater Peoria Regional Airport (ANG)

Project Location	Project Description
None	