

ATTACHMENT J23

Springfield-Beckley Municipal Airport (ANG) Water Distribution System

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J23 Springfield-Beckley Municipal Airport (ANG) Water Distribution System

J23.1 Springfield-Beckley Municipal Airport (ANG) Overview

The 178th Fighter Wing (FW) of the Ohio Air National Guard occupies 113.6 acres of leased land on the Springfield-Beckley Municipal Airport, located in central Ohio, approximately five miles south of the city of Springfield and approximately 50 miles west of Columbus. The mission of the 178th FW is to train future fighter pilots. The unit currently flies the F-16 Falcon. The 178th FW occupies 8 administrative, 25 industrial, and 6 services buildings totaling approximately 336,330 square feet with 409 full-time personnel. A unit training drill is conducted twice a month and results in a surge of up to a total of 829 personnel. Two projects are currently funded for construction in FY 2002. These include construction of a Hush House and a 30,800 SF Squadron Operations Complex.

J23.2 Water Distribution System Description

J23.2.1 Water Distribution System Fixed Equipment Inventory

The Springfield-Beckley Municipal 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, manholes, and fire hydrants. 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

J23.2.1.1 Description

Water is supplied by the City of Springfield and enters the base at two points. There are two separate water distribution systems on the base. System 1 is the main system and is looped with numerous dead-end branches. System 2, which serves two buildings (Guard house and Base Supply) is configured as a dead-end branched system. Water is delivered at 55 psig. The distribution system consists of approximately 1,100 linear feet of PVC pipe, 6,200 linear feet of ductile iron pipe, and 8,500 linear feet of transite pipe. Pipe diameters range from two to twenty inches. Pipe is buried at an average depth of five feet without the use of tracer wire or marking tape. The system also has 30 cast

iron-gate valves, 28 fire hydrant assemblies, and one 12 by 14 by 8 foot deep masonry block manhole. Base personnel indicate the capacity of the current system is adequate for present and future needs.

J23.2.1.2 Inventory

Table 1 provides a general listing of the major water distribution system fixed assets for the Springfield-Beckley Municipal Airport (ANG) water distribution system included in the sale.

TABLE 1

Fixed Inventory

Water Distribution System Springfield-Beckley Municipal Airport (ANG)

Item	Size	Quantity	Unit	Approximate Year of Construction
PVC Pipe	(in)			
	2	330	LF	1998
	2	100	LF	1986
	6	280	LF	1998
	6	390	LF	1991
Ductile Iron Pipe	(in)			
	2	330	LF	1971
	4	170	LF	2001
	4	305	LF	1995
	6	280	LF	1986
	6	210	LF	1998
	6	1500	LF	2001
	8	1410	LF	2000
	8	835	LF	1999
	16	365	LF	1987
	16	205	LF	2001
	20	550	LF	1999
Transite Pipe	(in)			
	6	745	LF	1982
	6	1010	LF	1955
	6	985	LF	1970
	6	3515	LF	1978
	6	360	LF	1981
	6	1200	LF	1976

Item	Size	Quantity	Unit	Approximate Year of Construction
	8	700	LF	1955
Cast Iron Valves	(in)			
	2	1	LF	1998
	2	1	LF	1986
	2	1	LF	1971
	4	1	LF	1995
	6	3	LF	1982
	6	2	LF	1955
	6	2	LF	1970
	6	2	LF	1978
	6	3	LF	1981
	6	1	LF	1976
	6	4	LF	1998
	6	1	LF	2001
	8	3	LF	2000
	8	2	LF	1999
	8	2	LF	1955
	20	1	LF	1999
Fire Hydrant Assemblies				
		4	EA	2000
		3	EA	1999
		3	EA	2001
		2	EA	1982
		2	EA	1955
		2	EA	1970
		8	EA	1978
		1	EA	1981
		1	EA	1976
		1	EA	1998
		1	EA	1991
Manholes				
Masonry Block	12 ft x 14 ft x 8 ft	1	EA	1985
Notes:				

Item	Size	Quantity	Unit	Approximate Year of Construction
PVC = Polyvinyl Chloride				
EA = Each				
LF = Linear Feet				
FT = feet				
IN=Inches				

J23.2.2 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 Springfield-Beckley Municipal Airport (ANG)

Qty	Item	Make/Model	Description	Remarks
None				

TABLE 3
Specialized Vehicles and Tools
Water Distribution System Springfield-Beckley Municipal Airport (ANG)

Description	Quantity	Location	Maker
None			

J23.2.3 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 Springfield-Beckley Municipal Airport (ANG)

Qty	Description	Remarks
1	Water Utility System Maps (electronic copy)	AutoCAD Release Version 2000

J23.3 Specific Service Requirements

The service requirements for the Springfield-Beckley Municipal Airport (ANG) water distribution system are as defined in the Section C, Description/Specifications/Work Statement.

J23.4 Current Service Arrangement

?? **Current Provider:** City of Springfield

?? **Average Annual Usage (2000):** 387 kCF

?? **Maximum Monthly Usage:** 54 kCF (February)

?? **Minimum Monthly Usage:** 8 kCF (April)

J23.5 Secondary Metering

J23.5.1 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 J23.6 below.

TABLE 5

Existing Secondary Meters

Water Distribution System Springfield-Beckley Municipal Airport (ANG)

Meter Location	Meter Description (Type)
None	

J23.5.2 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 J23.6 below.

TABLE 6

New Secondary Meters

Water Distribution System Springfield-Beckley Municipal Airport (ANG)

Meter Location	Meter Description
None	

J23.6 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.

J23.7 Water Conservation Projects

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

J23.8 Service Area

IAW Paragraph C.4 Service Area, the service area is defined as all areas within the Springfield-Beckley Municipal Airport (ANG) boundaries.

J23.9 Off-Installation Sites

No off-installation sites are included in the sale of the Springfield-Beckley Municipal Airport (ANG) water distribution system.

J23.10 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 Springfield-Beckley Municipal Airport (ANG)

Location	Description
None	

J23.11 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 Springfield-Beckley Municipal 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 Springfield-Beckley Municipal Airport (ANG)

Project Location	Project Description
None	