

**ATTACHMENT J16**

# **Louisville IAP (ANG) Water Distribution System**

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**Table of Contents**

**LOUISVILLE IAP (ANG) WATER DISTRIBUTION SYSTEM ..... I**

**J16 LOUISVILLE IAP (ANG) WATER DISTRIBUTION SYSTEM ..... 2**

J16.1 LOUISVILLE IAP (ANG) OVERVIEW ..... 2

J16.2 WATER DISTRIBUTION SYSTEM DESCRIPTION..... 2

    J16.2.1 Water Distribution System Fixed Equipment Inventory ..... 2

        J16.2.1.1 Description..... 2

        J16.2.1.2 Inventory ..... 3

    J16.2.2 Water Distribution System Non-Fixed Equipment and Specialized Tools ..... 3

    J16.2.3 Water Distribution System Manuals, Drawings, and Records..... 4

J16.3 SPECIFIC SERVICE REQUIREMENTS..... 4

J16.4 CURRENT SERVICE ARRANGEMENT..... 4

J16.5 SECONDARY METERING..... 4

    J16.5.1 Existing Secondary Meters ..... 4

    J16.5.2 Required New Secondary Meters ..... 5

J16.6 MONTHLY SUBMITTALS..... 5

J16.7 WATER CONSERVATION PROJECTS..... 5

J16.8 SERVICE AREA ..... 6

J16.9 OFF-INSTALLATION SITES ..... 6

J16.10 SPECIFIC TRANSITION REQUIREMENTS..... 6

J16.11 GOVERNMENT RECOGNIZED SYSTEM DEFICIENCIES..... 6

**List of Tables**

Fixed Inventory ..... 3

Spare Parts ..... 4

Specialized Vehicles and Tools ..... 4

Manuals, Drawings, and Records..... 4

Existing Secondary Meters..... 5

New Secondary Meters..... 5

Service Connections and Disconnections ..... 6

System Deficiencies..... 6

# J16 Louisville IAP (ANG) Water Distribution System

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## J16.1 Louisville IAP (ANG) Overview

The 123<sup>rd</sup> Airlift Wing (AW) of the Kentucky Air National Guard occupies two parcels of leased land on the Louisville International Airport (IAP); one of 76 acres and the other of 5. The base is located on the northeast side of the airport approximately five miles south of downtown Louisville, Kentucky. The mission of the 123rdAW is to provide worldwide theater airlift for U.S. military and to support humanitarian operations. The unit currently flies the C-130H model aircraft and occupies four administrative, six industrial and two services buildings totaling approximately 355,000 square feet. The 123<sup>rd</sup> has 334 full-time personnel, a number that surges once a month to 1,180 personnel during unit training drills.

## J16.2 Water Distribution System Description

### J16.2.1 Water Distribution System Fixed Equipment Inventory

The Louisville IAP (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 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
- ?? Louisville Water Company owned meters

#### J16.2.1.1 Description

Water is supplied by Louisville Water Company and enters the base at three points. The configuration is a looped system with dead-end branches, with water delivered at 75 psig. The distribution system consists of approximately 15,400 linear feet of PVC pipe. Piping diameter ranges from two to twelve inches. Piping is buried at an average depth of three feet with the use of marking tape. The system also has 15 cast iron gate valves, four post indicator valves and 15 fire hydrant

assemblies. Base personnel indicate the capacity of the current system is adequate for present and future needs.

**J16.2.1.2 Inventory**

**Table 1** provides a general listing of the major water distribution system fixed assets for the Louisville IAP (ANG) water distribution system included in the sale.

**TABLE 1**  
Fixed Inventory  
Water Distribution System Louisville IAP (ANG)

Item	Size	Quantity	Unit	Approximate Year of Construction
<b>PVC Pipe</b>	(in)			
	2	80	LF	1995
	3	476	LF	1995
	4	109	LF	1995
	6	9203	LF	1995
	8	763	LF	1995
	12	4761	LF	1995
<b>Cast Iron Valves</b>	(in)			
	3	1	EA	1995
	6	7	EA	1995
	12	7	EA	1995
<b>Fire Hydrant Assemblies</b>				
		15	EA	1995
<b>Post Indicator Valves</b>	(in)			
	4	1	EA	1995
	6	3	EA	1995
Notes:				
PVC = Polyvinyl Chloride				
EA = Each				
LF = Linear Feet				
In = Inch				

**J16.2.2 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 Louisville IAP (ANG)

Qty	Item	Make/Model	Description	Remarks
None				

**TABLE 3**

Specialized Vehicles and Tools  
Water Distribution System Louisville IAP (ANG)

Description	Quantity	Location	Maker
None			

### J16.2.3 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 Louisville IAP (ANG)

Qty	Description	Remarks
1	Water Utility System Maps (electronic copy)	AutoCAD Release Version 14
1	Master Fire Protection Distribution Map (electronic copy)	AutoCAD Release Version 14

## J16.3 Specific Service Requirements

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

## J16.4 Current Service Arrangement

- ?? **Current Provider:** Louisville Water Company
- ?? **Average Annual Usage (2000):** 14,700 kGal
- ?? **Maximum Monthly Use:** 2,200 kGal (September)
- ?? **Minimum Monthly Use:** 40 kGal (December)

## J16.5 Secondary Metering

### J16.5.1 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 J16.6 below.

**TABLE 5**

Existing Secondary Meters  
Water Distribution System Louisville IAP (ANG)

Meter Location	Meter Description (Type)
None	

**J16.5.2 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 J16.6 below.

**TABLE 6**

New Secondary Meters  
Water Distribution System Louisville IAP (ANG)

Meter Location	Meter Description
None	

**J16.6 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 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. 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 15<sup>th</sup> of each month for the previous month. Meter reading reports shall be submitted to the person identified at time of contract award.

**J16.7 Water Conservation Projects**

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

## J16.8 Service Area

IAW Paragraph C.4 Service Area, the service area is defined as all areas within the Louisville IAP (ANG) boundaries.

## J16.9 Off-Installation Sites

No off-installation sites are included in the sale of the Louisville IAP (ANG) water distribution system.

## J16.10 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 Louisville IAP (ANG)

Location	Description
None	

## J16.11 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 Louisville IAP (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 Louisville IAP (ANG)

Project Location	Project Description
None	