



Jayne Burritt, Administrator/CEO

Solicitation Number: 2023.001

Addendum Date: August 24, 2022

Closing Date: August 30, 2022 @ 11:00 A.M. Eastern

Total Pages: 5

Board of Directors

Chuck Severance, Chair

Steve Maddox, Vice Chair

Hubert Smith, Secretary

Shane Jackson, Treasurer

Questions/Answers:

Q#1: Does PBA currently own all water treatment equipment that's in place?

Heather Anderson

Daniel Brown

A#1: Yes, PBA either owns or is the Owner Representative for all equipment in place.

Jon Clark

Q#2: When was the last time the cooling towers at E-911, Knox Central, Old Knox County Courthouse, Sunsphere and Summer Place shut down and deep cleaned?

Scott Davis

Rob Glass

Jason Legg

A#2: The Spring of 2022.

Ann Marie Tugwell

Q#3: Does PBA perform cooling tower cleanings in-house, or contract out cooling tower cleanings?

A#3: Cooling tower cleanings are performed in-house.

Q#4: What is the tonnage on the cooling towers at E-911, Knox Central, Old Knox County Courthouse, Sunsphere and Summer Place?

A#4: The tonnage for the cooling towers in the order listed is: 150, 250, 250, and 200. Summer Place will not be covered under this contract.

Q#5: Does Knoxville PBA have interest in other services such as coil cleanings, cooling tower cleanings disinfectants, heat exchanger cleanings?

A#5: Not at this time.

Q#6: Does PBA wish to have pricing for Legionella testing included?

A#6: Not at this time.

Q#7: Does the current provider assist with energy savings programs?

A#7: No.

Q#8: Does the current provider provide water saving programs?

A#8: No.

Q#9: Does the current provider use a single Biocide Treatment Program or the industry standard dual Biocide Treatment Program?

A#9: The current supplier uses both programs.

Q#10: What is the estimated water volume of the World's Fair Park Interactive Fountains, Lake, and Streams?

A#10: The estimated water volume for the World's Fair Park equipment is 1.5 million gallons.

Q#11: What is the estimated water volume of Volunteer Landing's interactive fountains, waterfalls, and South Knox Center Pool?

A#11: The estimated water volume for the Volunteer Landing equipment is 100,000 gallons.

Q#12: What type of feed equipment is in place at World's Fair Park interactive fountains, lake and streams, Volunteer Landing's interactive fountains, waterfalls, and South Knox Senior Center's pool?

A#12: Each piece of equipment has either a chemical feed pump and/or a pot feeder as required for proper operation.

Q#13: What company is the current water treatment provider?

A#13: Hydro-Tech, Inc.

Q#14: Does PBA use solid or liquid chemical feed systems for the cooling towers and closed loops?

A#14: Both.

Q#15: Does PBA use double-walled tanks for their chemical storage and feed systems? If no, is PBA pumping chemicals directly out of shipping containers?

A#15: PBA does not use double-walled tanks for their chemical storage and feed systems; PBA does pump chemicals directly out of the shipping containers.

Q#16: When was the last deep cleaning and disinfecting of the World's Fair Park interactive fountains, lake and stream, Volunteer Landing's interactive fountains, waterfalls, and South Knoxville Senior Center pool?

A#16: April 2022.

Q#17: Does the current provider offer hands free chemical delivery and empty drum removal?

A#17: Yes.

Q#18: Is there chemical spill containment in place?

A#18: No.

Q#19: Does the current provider offer engineering support?

A#19: Yes.

Revisions:

R#1: Section 4.4 of the RFP is replaced with the following:

4.4 **LOCATIONS AND SYSTEMS:** New equipment or locations added to the contract will be purchased by PBA and then maintained and replaced by the contractor(s). The current PBA locations and systems for PBA to be serviced under this contract are as follows:

Building	Address	Equipment
City County Building	400 Main Street Knoxville, TN 37902	Condenser water loop, hot water loop, boilers and chill water
City Public Works	3131 Morris Avenue Knoxville, TN 37909	Geothermal water loop
E-911	605 Bernard Street Knoxville, TN 37921	Condenser water loop, cooling tower and hot water loop
Gateway Building	900 Volunteer Landing Knoxville, TN 37915	Chill water loop, hot water loop
KC Main Health Department	140 Dameron Avenue Knoxville, TN 37917	Condenser water loop, hot water loop, boilers and chill water
KC Regional Forensics Building	2761 Sullins Street Knoxville, TN 37919	Glycol loop, hot water loop, chill water loop
Knox Central	1000 N. Central Street Knoxville, TN 37917	Condenser water loop, cooling tower and hot water loop
Knoxville Station Transit Center	301 E. Church Avenue Knoxville, TN 37902	Condenser water loop
KAT Operations Building	1135 E. Magnolia Avenue Knoxville, TN 37917	Hot water loop
Old Knox County Courthouse	300 Main Avenue Knoxville, TN 37902	Condenser water loop, cooling tower and hot water loop
South Knoxville Senior Center	6729 Martel Lane Knoxville, TN 37920	Pool
Sunsphere	810 West Clinch Avenue Knoxville, TN 37902	Condenser water loop, cooling tower and hot water loop
Volunteer Landing	500 Neyland Drive Knoxville, TN 37902	Interactive fountains, waterfalls
West Knox Senior Center	239 Jamestowne Blvd., Suite 101 Knoxville, TN 37934	Water source heat pump loop and cooling tower
World's Fair Park	910 World's Fair Park Drive Knoxville, TN 37902	Interactive fountains, lake, and stream

R#2: Section 4.6 of the RFP is replaced with the following:

4.6 **MONTHLY SERVICE:** Once a month the contractor(s) will be required to inspect chemicals and conduct a water analysis at each operational location specified. At any location where there is a problem, the contractor(s) will be required to notify the zone supervisor of the issue immediately and assist in the response. The inspections are to include an operations inspection of each loop's make-up and expansion provisions, pumps and chemical pumps, including but not limited to, back flow preventer/check valves, safety relief, expansion or bladder tank(s) and air bleed-off provisions.

4.6.1 Cooling Towers: Conductivity is to be no more than 750 ppm.

4.6.2 Inspection and Chemical Boards: To be inspected for correct operation and include the testing of solenoid valves, timers, strainer, and flow switch.

4.6.3 Ensure that probes and instrumentation are within calibration of manufacturer's specifications.

4.6.4 Ensure that water levels in systems are at correct pressure or level per manufacturer's specifications.

R#3: Section 6.1 of the RFP is replaced with the following table. NOTE: The revised table in Section 6.1 must be used to submit your response.

SECTION VI SUPPLIER PRICING FOR BID NUMBER 2023.001, CHEMICALS, EQUIPMENT, AND SERVICES

SUPPLIER NAME: _____

6.1 Monitoring Fees per Location: All sites include chemicals unless otherwise noted.

Item	Building	Weekly Monitoring Fee	Monthly Monitoring Fee	Notes
6.1.1	City County Building		\$	
6.1.2	City Public Works		\$	
6.1.3	E-911		\$	
6.1.4	Gateway Building		\$	
6.1.5	KC Main Health Department		\$	
6.1.6	KC Regional Forensics Building		\$	Service is required to be scheduled 2:30 p.m. – 5:00 p.m. Monday through Friday only. Glycol is excluded.
6.1.7	Knox Central		\$	
6.1.8	Knoxville Station Transit Center		\$	
6.1.9	KAT Operations Building		\$	
6.1.10	Old Knox County Courthouse		\$	
6.1.11	South Knoxville Senior Center		\$	Service only – third party inspection to confirm water quality
6.1.12	Sunsphere		\$	Glycol is excluded.
6.1.13	West Knox Senior Center		\$	
6.1.14	Volunteer Landing	\$	\$	This site requires weekly service March 15 through October 15 each year. In the event that there are water quality issues, service may be required daily until corrected. Services will be performed monthly January, February, November, and December. Monthly monitoring fee is for labor only; PBA purchases chemicals from contracted supplier separately.
6.1.15	World's Fair Park	\$	\$	This site requires weekly service March 15 through October 15 each year. In the event that there are water quality issues, service may be required daily until corrected. Services will be performed monthly January, February, November, and December. Monthly monitoring fee is for labor only; PBA purchases chemicals from contracted supplier separately.
Revised 08.23.2022				

End of Addendum #2.

Addendum must be acknowledged in Tab III of the submittal.



Karen D. Smitherman, NIGP-CPP, CPPB, PMP
Manager of Procurement & Internal Controls
Public Building Authority