



SOLICITATION ADDENDUM

Solicitation Number: IFB 22-FMD-019 (KP) Addendum #1 Page 1 of 4

Solicitation Due Date: Wednesday, September 15, 2021 1:00 p.m. Local Time

CITY OF PHOENIX
Procurement Division
200 W. Washington Street
7th Floor
Phoenix, AZ 85003
Phone: (602) 256-5634

COOLING TOWER WATER TREATMENT SERVICES

DELETE AND REPLACE:

1. Delete SECTION IV – SCOPE OF WORK, Item 26. Group A: Full-Service Locations, in its entirety, and replace with the following:

Item	Location	Tons	Type/SN
1	Arizona Science Center 600 E Washington Phoenix, AZ 85004	600 tons	Water cooled central plant (2 x 300 ton open circuit towers)
2	Burton Barr Public Library 1221 N Central Avenue Phoenix, 85004	800 tons	Water cooled central plant (2 x 400 ton open circuit towers)
3	Phoenix Art Museum / Phoenix Theatre 1625 N Central Avenue Phoenix, 85004	1000 tons	Water cooled central plant, 7,500 MBTU hot water heat loop (2x 500 ton open circuit towers)
4	Phoenix Police Property Bureau 100 E Elwood Phoenix, 85040	240 tons	Water cooled central plant (2 x 120 ton open circuit towers)
5	Fire Operations Center 150 S 12 th Street Phoenix, AZ 85003	270 tons	Water cooled central plant (2 x 135 ton open circuit towers)
6	23 rd Avenue WWTP 2470 S 22 nd Avenue Phoenix, 85009	750 tons	(2 x 300 ton closed loop towers, 2 x 75 ton open circuit towers)
7	Children's' Museum of Phoenix 215 N 7 th Street Phoenix, 85034	532 tons	Water Source Loop open circuit cooling towers (2 x 266 ton)
8	Maryvale Community Center / Palo Verde Branch Library 4420 N 51 st Avenue Phoenix, AZ	450 tons	Water Source Loop; closed circuit towers (2 x 225 ton)
9	Phoenix City Hall 200 West Washington Street Phoenix AZ. 85003	3750 tons 1.6 million gallon* (2) Boilers 4.6mil BTU Heat exchanger 900 tons	Cooling towers Marley, 1 each, three 1250 ton sections Thermal storage reservoir Hot Loop Chilled Water Closed Loop



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		Heat Exchanger 800 tons	Chilled Water Closed Loop
10	Adams Street Garage 300 West Adams Street Phoenix, AZ 85003	600 tons (1) Boiler 500k BTU	Water cooled central plant (2 x 300 tons) Hot Loop
11	Phoenix Municipal Courts 300 West Washington Street Phoenix, AZ 85003	86 tons	Evapco closed circuit towers (2 x 43 ton)
12	Police Headquarters 620 West Washington Street Phoenix, AZ, 85003	900 tons 300 tons	Water cooled central plant, concrete built-up towers (3 x 300 tons) Evapco closed circuit towers (2x 150 tons)
13	Phoenix Crime Laboratory 621 West Washington Street Phoenix, AZ 85003	900 tons (2) Boilers 3.5M BTUs	Water cooled central plant (2 x 450 tons) Hot Loop
14	Phoenix Police Academy 10001 South 15th Avenue Phoenix, AZ, 85041	85 tons	Water cooled central plant (1x 85 ton open circuit cooling tower)
15	Cactus Park Police Precinct 12220 North 39th Avenue Phoenix, AZ, 85029	70 tons	Water source heat pump loop. Evapco closed circuit towers (2x 35 tons).
16	Water Customer Services Field Area 2 6202 North 24th Street Phoenix, AZ, 85016	55 tons	Water source heat pump loop. Evapco closed circuit tower (1x 55 tons).
17	McDowell Place Senior Center 1845 East McDowell Road Phoenix, AZ 85006	40 tons	RSD Fiberglass (1x 40 ton open circuit cooling tower)
18	Pecos Park Community Center 17010 South 48th Street Phoenix, AZ 85044	80 tons	Water source heat pump loop. Evapco closed circuit tower (1x80 ton)
19	91 st Ave WWTP 5615 S. 91 st Ave Tolleson, AZ 85353	500 tons	Closed loop heat exchanger fed from a well (2 x 250-ton chillers)
20	Calvin C. Good 251 W. Washington Street Phoenix, AZ 85003	(4) Boilers 760k BTUs	Hot Loop

- Delete SECTION VI – SUBMITTAL, in its entirety, and replace with SECTION VI – REVISED SUBMITTAL. The revised submittal can be found on the solicitation webpage at <https://solicitations.phoenix.gov/>.



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QUESTIONS:

Question 1:

Is there any aluminum in the closed systems?

Response 1:

To our knowledge, there is no aluminum in the closed loop systems.

Question 2:

Do all towers regardless of size operate at 3 cycles and without acid treatment?

Response 2:

Group A - That is correct.

Group B - Conductivity controllers are set to maintain conductivity at 3 cycles of concentration on our open loop systems.

Question 3:

Estimated system volumes of cooling towers?

Response 3:

Group A - System tonnage should be used to estimate system volume.

Group B - (2) 150-ton cooling towers with approximate system volume of 1500 gallons.

Question 4:

Estimated system volumes of closed loops?

Response 4:

Exact volumes for each closed loop system is not available.

Question 5:

Latest analytical results of TES system?

Response 5:

Information is unknown or unavailable.

Question 6:

Confirm controller capability; Can they monitor PTSA traced products? Or bleed and timer feed only?

Response 6:

Controllers are bleed and timer feed only; we do not currently use fluorescent tracers.

Question 7:

Where dry products are used is there also a feed container for dry biocides (bromine tablet feeder)?

Response 7:

Group A - Yes

Group B - We do not use or store dry products.



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Question 8:

Is the scope of work the same as the last contract term and is the awarded amount the same as the last contract?

Response 8:

This solicitation has changes from the previous/current contract. A public records request may be submitted through the City Clerk's office to view the current contract. The amount of contract award has not yet been determined for this solicitation.

The balance of the specifications and instructions remain the same. Interested parties must acknowledge receipt and acceptance of this addendum by returning the entire addendum with the inquiry.

Name of Company: _____

Address: _____

Authorized Signature: _____

Print Name and Title: _____