



SOLICITATION ADDENDUM

CITY OF PHOENIX
Water Services Department
200 W. Washington Street
9th Floor
Phoenix, AZ 85003


Solicitation Number: IFB-2021-WPP-308 (DJR)
Addendum # 03
Solicitation Due Date: 12/02/2020, 2:00 p.m., Phoenix Local Time

WATER AND WASTEWATER TREATMENT CHEMICALS – REQUIREMENTS CONTRACT

This addendum incorporates the following changes into the subject solicitation:

- I. Attachment C – Bid Sheet is removed in its entirety, renamed, revised, and replaced with **Attachment D – Bid Sheet Addendum.**
- II. Section I – Instructions, Item # 1.1.6, is revised to read: “Sodium Bisulfite”.
- III. Section V – Scope of Work, Item # 1.6, is revised to read: “Sodium Bisulfite”.
- IV. Section V – Scope of Work, Item # 5.6, is revised to read: “SODIUM BISULFITE”.
- V. Section V – Scope of Work, Item # 14.3, the table is removed in its entirety, revised, and replaced with the following:

Item No.	Description	Percent Active	Unit of Measure	Estimated Annual Quantity
1.	Acidified Copper Sulfate	64%	50-Pound Pail	2,100 Pails
2.	Caustic Soda	20%	Dry LBS	66,000 Dry LBS
3.	Caustic Soda	25%	Small Bulk	4,000 Dry LBS
4.	Caustic Soda	25%	Small Bulk, Non-NSF	4,000 Dry LBS
5.	Caustic Soda	25%	Drum	8,250 Dry LBS
6.	Caustic Soda	25%	Truckload	500,000 Dry LBS
7.	Caustic Soda	50%	Truckload	8,000,000 Dry LBS
8.	Hydrofluorosilicic Acid	24.5%	Dry LBS	254,000 Dry LBS
9.	Powdered Activated Carbon	100%	LBS	525,000 LBS
10.	Silica Dioxide	95%	LB	100,000 LBS
11.	Sodium Bisulfite	25%	Dry LBS	900,000 Dry LBS
12.	Sodium Bisulfite	25%	Drum	8,800 Dry LBS
13.	Sodium Bisulfite	25%	Tote	31,000 Dry LBS
14.	Sodium Bisulfite	38%	Dry LBS	400,000 Dry LBS
15.	Sodium Hypochlorite	12.5%	Dry LBS, Truckload	40,000 Dry LBS
16.	Sodium Hypochlorite	12.5%	Dry LBS, Small Bulk, Non-NSF	5,000 Dry LBS
17.	Sodium Hypochlorite	12.5%	Dry LBS, Small Bulk	40,000 Dry LBS
18.	Sodium Hypochlorite	12.5%	Dry LBS, Drums	16,500 Dry LBS

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VI. Section VI – Submittals, Item # 1, is removed in its entirety, revised, and replaced with the following language: “COPIES: Please submit one original PDF copy electronically via email to the following: daniel.rice@phoenix.gov.”

VII. **Response to Questions Received for This Solicitation:**

1. *Question: How many pounds are typically received in each bulk delivery of PAC?*

Answer: The average net weight per bulk delivery of Powdered Activated Carbon is 39,600 pounds.

2. *Question: Is the purchase of Powdered Activated Carbon subject to state and local transaction privilege tax?*

Answer: Powdered Activated Carbon is tax exempt.

3. *Question: Are applicable taxes allowed to be charged as a separate line item on invoices to the City of Phoenix?*

Answer: See answer to Question #2.

4. *Question: Will there be a public bid opening done virtually due to COVID?*

Answer: Due to the City’s concerns with COVID, only a preliminary bid tabulation sheet will be posted after the solicitation deadline. The preliminary bid tabulation sheet will be made available on the City of Phoenix’s solicitation website.

5. *Question: Would you be willing to give minimum (preferred) or even typical delivery order sizes for Silica Dioxide as well as specify which delivery locations this will be used at? Are split loads to multiple sites ever required?*

Answer: Typical bulk loads for Silica Dioxide are 50,000 pounds, which are blown into a storage silo. The Deer Valley Water Treatment Plant is the only facility that uses Silica Dioxide. Therefore, the City of Phoenix does not anticipate requiring split loads.

6. *Question: Would you be willing to give minimum (preferred) or even typical delivery order sizes for Hydrofluorosilicic Acid as well as specify which delivery locations this will be used at? Are split loads to multiple sites ever required?*

Answer: Typical bulk loads of Hydrofluorosilicic Acid are 40,000 to 45,000 neat pounds. The 24th Street, Deer Valley, Union Hills, and Val Vista Water Treatment Plants use Hydrofluorosilicic Acid. The City of Phoenix rarely requires split loads.



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7. *Question: Can you confirm that you want Bisulfate not Bisulfite as you have used both terms and there is a difference between SO3 and SO4. SO3 is sulfite. SO4 is sulfate and they are not the same product (bid document page 56 5.6).*

Answer: The City of Phoenix clarifies that it has a need for **Sodium Bisulfite**. Refer to Sections I through V of this addendum.

8. *Question: Would you be willing to give minimum (preferred) or even typical delivery order sizes for all Sodium Bisulfite products as well as specify which delivery locations this will be used at? Are split loads to multiple sites ever required?*

Answer: Totes of Sodium Bisulfite are typically ordered by the Remote Facilities. The 23rd Ave. and 91st Ave. Wastewater Treatment Plants may order Sodium Bisulfite in bulk. The City of Phoenix rarely requires split loads.

9. *Question: Can you confirm that this bid is subject to the Arizona state use tax and provide that rate? Can you also confirm tax exemption from state and federal taxes?*

Answer: The chemicals specified in the subject solicitation are tax-exempt.

10. *Question: Sodium Hydroxide volume seem to have doubled since the 2016 bid, are these the current volumes or the expected increase in volume?*

Answer: The volumes provided in the subject solicitation are estimates only. Refer to Section V – Submittals, Item # 5.

11. *Question: This bid seems be out well in advance of the start date, is there a reason the City is going out to bid 5 months in advance?*

Answer: It is in the City of Phoenix's best interest to do so.

12. *Question: Can you please confirm the annual volumes for: Caustic Soda 20% Dry LBS, Caustic Soda 25% Truckload Dry LBS, and Caustic Soda 50% Truckload Dry LBS?*

Answer: The volumes provided in the subject solicitation are estimates only. Refer to Section V – Submittals, Item # 5.

13. *Question: Pg. 9, Section 15.3 (and Pg. 52 Section 4.2) require a certified quality analysis of the product offered as performed by an independent third-party laboratory certified by the appropriate Environmental State Agency, would the City accept an in-house quality analysis of the product?*



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Answer: No, the City of Phoenix requires an independent, certified third-party laboratory quality analysis of the product(s). At a minimum, the City of Phoenix will need to see the certified lab analysis results required for NSF certification per NSF/ANSI 60 – 2016, as well as certified lab quality analysis results as applicable to each chemical.

14. *Question: Given that the City intends to utilize Powdered Activated Carbon as a “supplemental” ingredient in its water treatment processes, do you estimate the 525,000lbs/yr. volume to continue or drop significantly?*

Answer: The provided estimate is based on recent historical usage. Ultimately, the use of Powdered Activated Carbon is dependent on raw water quality. Refer to Section V – Submittals, Item # 5.

15. *Question: How many Powdered Activated Carbon samples can we submit for performance testing?*

Answer: The City of Phoenix only requires a 1-pound sample per type of Powdered Activated Carbon. Refer to Section I – Instructions, Item # 16.2. However, the number of samples (types of Powdered Activated Carbon) per vendor is not limited. Any Powdered Activated Carbon samples submitted to the City of Phoenix must meet the 750 mg/g Iodine Number requirement. Any samples submitted that do not meet this criterion will not be performance tested. Refer to Section V – Scope of Work, Item # 5.4.3.

16. *Question: If more than one sample is allowed, what format would the City like the different prices be provided for the different products?*

Answer: The City of Phoenix requires the prices of Powdered Activated Carbon to be provided in unit cost per pound.

17. *Question: Given that the Powdered Activated Carbons will be evaluated based on the Index Value, will Phoenix consider products that do not meet the iodine number specification (e.g. <750 mg/g IN)?*

Answer: No. Refer to Section V – Scope of Work, Item # 5.4.3.

18. *Question: What are your raw water TOC levels (max, min, average)?*

Answer: Raw water Total Organic Carbon (TOC) levels vary greatly from plant to plant, depending on source water blend, runoff from storms, etc., and are measured 5 or 7 days per week by the City of Phoenix’s process control labs.



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For the Water Treatment Plants located on the north canal (24th St and Deer Valley), from 2017 - 2020, Raw TOC Max = 12.5 mg/L (runoff event); Raw TOC Min = 2.5 mg/L; Raw TOC Avg = 4.3 mg/L.

For the Water Treatment Plant located on the south canal (Val Vista), from 2017-2020, Raw TOC Max = 38 mg/L (runoff event); Raw TOC min = 2.1 mg/L; Raw TOC Avg = 4.6 mg/L.

For non-runoff events, the Raw TOC Max for both canals is around 6.5 – 7.0 mg/L (sustained for weeks based on large-scale events).

- 19. *Question: In Section V – Scope of Work, page 70, there is an asterisk (*) in front of the words “Powdered Activated Carbon” – what does that reference?*

Answer: The asterisk in question has been removed. Refer to Section V of this addendum.

- 20. *Question: On page 5 it says Offers are due electronically to daniel.rice@phoenix.gov, but then on page 71 it says, “Please submit one original PDF copy electronically via email to the following: WSDprocurement@phoenix.gov”. Please verify the email address to which we should submit our response.*

Answer: All bids shall be submitted to daniel.rice@phoenix.gov. Refer to Section VI of this addendum.

All other terms and conditions remain unchanged.

Offeror is required to sign and return addendum with their bid.

Name of Company: _____

Address: _____

Print Name and Title: _____

Authorized Signature: _____