



Chemical Bids 2019

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NOTICE TO BIDDERS

1. Bids must be submitted on the form which is bound in these specifications. Bids on forms other than the ones bound herein will not be accepted.
2. If bid forms are removed from these specifications for completion, they shall be replaced and bound herein.
3. The entire set of specifications as furnished shall be returned with the bid bound therein.
4. Failure to comply with the above requirements may be cause for rejection of the bid.
5. If the bidder so desires he may submit with his bid a letter which in his opinion, may be necessary or desirable to clarify any particular item in his bid.
6. The City of Delphos, Ohio, reserves the unrestricted right to award the contract on the basis of bids, which in the sole judgment of the City, best meets the requirements of the City.
7. Bids must be enclosed in a sealed envelope clearly marked 'BID ON CHEMICALS'.
8. The contract documents are not to be completed, but are for your review only. These will be the documents used for the successful bidder.

LEGAL NOTICE

SEALED BIDS will be received by the Safety/Service Director of the City of Delphos, Ohio, at the office of said Director until

12:00 O'CLOCK NOON, LOCAL TIME, MARCH 14, 2019,

for the purchase of CHEMICALS according to specifications on file in the office of said Director located at 608 North Canal Street, Delphos, OH 45833.

BID SPECIFICATIONS can be downloaded at www.cityofdelphos.com.

Each bid must be on the bid form contained in the specifications and must contain full name of every person or company interested in the same and shall be accompanied by a certified or cashier's check on some solvent bank or a proposal bond, satisfactory to the Director in the amount of \$300.00, as a guarantee that if the bid is accepted a contract will be entered into and its performance properly secured. Should any bid be rejected, such check will be forthwith returned to the bidder, and should any bid be accepted such check will be returned upon the proper execution of the contract. The City of Delphos reserves the right to reject any and all bids and to waive any irregularities in any bid and to determine the lowest and best bidder. No bid may be withdrawn for a period of forty (40) days after the date of the bid opening.

By order of the Mayor of the City of Delphos, Ohio.

Shane Coleman
Safety Service Director

1-23-19
1-30-19

BID

TO: Safety/Service Director
 City of Delphos
 608 North Canal Street
 Delphos, OH 45833

I. The undersigned, having familiarized _____, with the specifications and other conditions affecting the bid and contract on file in the office of the Safety/Service Director, hereby proposes to furnish CHEMICALS to the City of Delphos, Ohio, for the following prices, to-wit:

	Estimated Quantity	Item	Price
1	100,375 lbs	FERRIC SULFATE in bulk, delivery per pound	\$ _____
2	36,500 lbs	SODA ASH in bulk delivery per ton	\$ _____
3	100,000 lbs	CO2 in bulk delivery per pound	\$ _____
4	9,125 lbs	HYDROFLUOSILIC ACID (Fluoride) in bulk delivery per pound	\$ _____
5	827 lbs	POTASSIUM PERMANGANATE per pound	\$ _____
6	800 lbs	COPPER SULFATE per pound Large Granular	\$ _____
7	80,000 lbs	GRANULAR ACTIVATED CARBON, in bulk delivery per pound Virgin Reactivated	\$ _____ \$ _____
8	730,000 lbs	QUICKLIME AND HYDRATED LIME, in bulk delivery per pound	\$ _____
9	20,000 lbs	POLYMER – per pound	\$ _____
10	388,000 pound	ALUM in bulk delivery by tanker priced per pound, delivered	\$ _____
11	24,000 gal	LIQUID SODIUM HYPCHLORITE in bulk delivery by tanker	\$ _____
12	2000 lbs	CALCIUM CHLORIDE per pound	\$ _____
13	4800 lbs	SODIUM BICARBONATES per pound	\$ _____

II. QUANTITY: The above prices apply to such quantities as the City may order at various times during the term of the contract. Minimum order for chlorine delivery at one time shall be 10 cylinders.

III. DELIVERY: The above prices include delivery to any of the following locations within the City of Delphos, Ohio (1) South End Water Plant, (2) Sewerage treatment Plant, and (3) Swimming pool. The City may require that parts of any shipment be delivered to any one or all of the above designated delivery points.

IV. TERM OF CONTRACT: The above prices shall be effective from April 1, 2019 to March 31, 2020.

V. Accompanying this bid is a certified check, cashier's check or proposal bond in the amount of _____ Dollars (\$_____), payable to the City of Delphos, Ohio, which is agreed shall be retained as liquidated damages by the City of Delphos, Ohio, if the undersigned fails to execute the contract in conformity with the form of contract incorporated in the contract documents and furnish bond as specified within ten (10) days after notification of the award of the contract to the undersigned.

VI. In submitting this Bid it is understood and agreed that the right is reserved by the City of Delphos, Ohio, to reject any and all bids. It is agreed that the Bid may not be withdrawn for a period of 40 days from the opening thereof.

Date: _____

Firm Name: _____

OFFICIAL ADDRESS:

By: _____

Title: _____

Phone: _____

Email address: _____

CONTRACT

THIS CONTRACT, made the ____ day of _____, 2019, by and between _____, hereinafter called the "Seller" and the City of Delphos, Ohio, hereinafter called the "City".

WITNESSETH, that the Seller and the City, for the consideration stated herein, agree as follows:

I. SCOPE: The Seller shall furnish CHEMICALS to the City, all in accordance with the Seller's Proposal, specifications and other contract documents, if any, all of which are a part of this contract.

II. CONTRACT PRICE: The City shall pay to the Seller for the performance of this contract, subject to any additions or deductions provided therein, in current funds, the contract prices computed as follows:

Estimated Quantity	Item	Price
1. Approx. 100,375 lbs	FERRIC SULFATE in bulk Delivery per pound	\$ _____
2. Approx. 36,500 lbs	SODA ASH in bulk delivery Per ton	\$ _____
3. Approx. 100,000 lbs	Co2 in bulk delivery Per pound	\$ _____
4. Approx. 9,125 lbs	HYDROFLUOSILICIC ACID (Fluoride) In bulk delivery per pound	\$ _____
5. Approx. 827 lbs	POTASIU M PERMANGANATE Per pound	\$ _____
6. Approx. 800 lbs	COPPER SULFATE- LG GRANULAR Per pound	\$ _____
7. Approx. 80,000 lbs	GRANULAR ACTIVATED CARBON In bulk delivery per pound Virgin Reactivated	\$ _____ \$ _____
8. Approx. 730,000 lbs	QUICKLIME AND HYDRATED LIME In bulk delivery per pound	\$ _____

- 9. Approx. 6000 lbs **POLYMER** - per pound \$ _____
- 10. Approx. 100,000 lbs **ALUM** in bulk delivery by tanker
priced per pound, delivered \$ _____
- 11. Approx 24,000 gal **LIQUID SODIUM HYPOCHLORITE**
In bulk delivery by tanker \$ _____
- 12. Approx. 2000 lbs **CALCIUM CHLORIDE**
Per pound \$ _____
- 13. Approx. 4800 lbs **SODIUM BICARBONATES**
Per pound \$ _____

III. QUANTITY: The above prices apply to such quantities as the City may order at various times during the term of the contract. Minimum order for chlorine delivery at one time shall be 10 cylinders.

IV. DELIVERY: The above prices include delivery to any of the following locations within the City of Delphos, Ohio (1) South End Water Plant, (2) Sewerage treatment Plant, and (3) Swimming pool. The City may require that parts of any shipment be delivered to any one or all of the above designated delivery points.

V. TERM OF CONTRACT: The above prices shall be effective from April 1, 2019 to March 31, 2020.

IN WITNESS WHEREOF, the parties hereto have caused this instrument to be executed in two original counterparts the day and year first above written.

SELLER: _____
 ADDRESS: _____

BY: _____
 TITLE: _____

CITY OF DELPHOS

 Safety Service Director

ATTEST:

I, Adam Kayser, Auditor of the City of Delphos, Ohio, hereby certify that the money to meet this contract has been lawfully appropriated for the purpose of the contract and is in the Treasury of the City of Delphos, Ohio, or is in the process of collection to the credit of the appropriate fund free from prior encumbrances.

Adam Kayser, Auditor

Approved as to form and correctness:

City of Delphos
Law Director

CAMPAIGN CONTRIBUTIONS

Contractor hereby certifies that all applicable parties listed in Division (I)(3) or (J)(3) of ORC 3517.13 are in full compliance with Divisions (I)(1) and (J)(1) of Ohio Revised Code Section 3517.13.

Contractor or supplier

SPECIFICATIONS

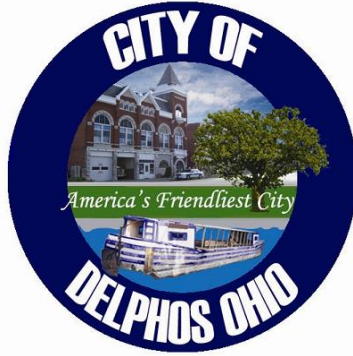
1. GOVERNING SPECIFICATIONS: All CHEMICALS furnished under this contract shall meet or exceed all pertinent requirements of AWWA/ANSI American Waterworks Association and The American National Standards Institute. Cylinders and containers shall meet the pertinent requirements within said specifications.
2. ALUM: Must be made with aluminum and must perform equal to or better than the AS-3050 that we currently use.
3. CHLORINE AND SODIUM HYPOCHLORITE: This chlorine product shall not be manufactured by any mercury cell process. Certified statement is required from the manufacture verifying that this process is **NOT** used.
4. POLYMER: Jar testing must be done prior to the bid opening. Plant trials will be done after bid opening but prior to award. Must perform equal to or better than TPS-536.
5. DELIVERY: Delivery shall be as specified in the Bid and Contract.
6. PAYMENT: Payment shall be made by the City of Delphos, by the 15th of each month for all materials furnished during the preceding month, per invoice rendered by the Seller.
7. DEPOSIT REFUND: When the Seller picks up empty cylinders and containers, he shall issue a Credit memo to the City for the empty cylinders and containers picked up. The amount of the Credit memo shall be calculated on the basis of the number of empty cylinders and containers picked up times the unit price for the deposit per cylinder. The Credit memo shall include the following information (or equivalent): 1. cylinder numbers of cylinders picked up; 2. Date picked up; 3) invoice number; 4) total number of cylinders and/or containers picked up. The entire amount of the Credit Memo shall be deducted by the City from the next invoice for full cylinders, after receipt of the Credit Memo.
8. Virgin and Reactivated Granulated Activated Carbon

PRODUCT QUALIFICATION (TECHNICAL SPECIFICATION)

- a. Both Virgin and Reactivated Granulated Activated Carbon, hereafter referred to as GAC shall be Filtrisorb 300 as manufactured by Calgon Carbon Corporation or Approved Equal.
- b. The GAC shall be manufactured in the United States of America.

- c. The GAC shall be manufactured by a producer certified for ISO 9001:2000 quality standards and at the specific plant or site holding such certification. A copy of the valid certificate must be submitted with bid. It is understood that ANSI/NSF assures the GAC against toxicological hazards only.
- d. The GAC shall comply with **AWWA B-605 - 07**.
- e. The GAC shall comply with NSF 61.
- f. The GAC shall conform to Food Chemical Codex when tested under the conditions of the test outlined in the Food Chemical Codex, Third Edition.
- g. The GAC must be an agglomerated bituminous coal based product with petroleum and coal based pitch binders sized to a granular form prior to baking and activation, broken pellets will not be accepted. Lignite, peat, wood, coconut, sub-bituminous based or direct activated GAC will not be accepted
- h. The GAC shall be capable of removing turbidity, color, tastes, odors and other organic contamination form previously pretreated by conventional water treatment processes.
- i. Data showing successful application of the GAC in municipal water plants including turbidity and organic contamination shall be submitted with bid.
- j. Bidder shall indicate the source of coal, carbon manufacturing location, the agglomeration/thermal process and capacity of the manufacturing facility. The (Engineer/City) reserve the right to inspect the GAC manufacturing and thermal processing facility.
- k. Product shall meet or exceed the following:

<u>Product Specification</u>	<u>Value</u>
Iodine Number (mg/g), min.	850 or 300 points higher than the spent iodine number as received
Moisture, weight %, max.	2
Effective size, mm	0.8-1.0
Uniformity Coefficient, max.	2.1
Abrasion No., min.	78
Trace Capacity Number, calculated	10
Screen Size (US Sieve), weight %	
* Larger than No. 8, max.	15.0
* Smaller than No. 30, max.	4.0
<u>Typical Property</u>	<u>Value</u>
Apparent Density, g/cc	0.56
Ash, wt%	7



BID PROPOSAL CONFIRMATION SHEET

**City of Delphos
608 N. Canal St.
Delphos, OH 45833**

Business Name: _____

Business Address: _____

Business Phone: _____

Business Fax: _____

Contact Name: _____

Contact Phone: _____

Contact e-mail: _____

Please fax sheet to: 419-695-5102