

— THE VILLAGE OF —  
**SWANTON**

219 Chestnut Street Swanton, Ohio 43558  
P: 419.826.9515 | F: 419.825.1827  
[www.villageofswantonohio.us](http://www.villageofswantonohio.us)

October 14, 2021

Dear Prospective Bidder:

Please find enclosed a request for chemical bids used in the operation of the Swanton Village Water Treatment Plant and Water Resource Recovery Facility located in Swanton, Ohio; located approximately 10 miles west of Toledo, Ohio.

Please direct specific questions regarding the chemicals used at the Water Treatment Plant to Ryan Yackee, Water Plant Superintendent (419-826-5831), or chemicals used at the Water Resource Recovery Facility to Mikael Stiles, Water Resource Recovery Superintendent (419-826-5891).

The Village of Swanton, Ohio

**VILLAGE OF SWANTON  
CHEMICAL BIDS FOR WATER AND WASTEWATER TREATMENT PLANTS**

**BID SUBMITTED BY:** \_\_\_\_\_  
**(COMPANY)**

\_\_\_\_\_  
**(ADDRESS)**

\_\_\_\_\_  
**(CITY, STATE, ZIP)**

**ADVERTISEMENT FOR BIDS  
VILLAGE OF SWANTON, OHIO**

**CHEMICALS FOR WATER AND WASTEWATER TREATMENT PLANTS**

Sealed bids for the Village of Swanton, Ohio will be received at the office of the Village Administrator, 219 Chestnut Street, Swanton, Ohio 43558 until 2:00 pm, local time, on November 3, 2021, at which time they will be publicly opened and read for the provision of chemicals for one year to be used in the operation of the Swanton Village Water Treatment Plant and Water Resource Recovery Facility in accordance with the specifications on file in the office of the Village Administrator. Copies of the specifications and bidding documents may be obtained at the above office or at [villageofswantonohio.us](http://villageofswantonohio.us).

Bids must be submitted on the forms bound herein, must contain the names of every person or company interested therein, and shall be accompanied by either a bid bond in the amount of 100% of the amount of the bid issued by a satisfactory corporate surety, or by a certified check on a solvent bank in the amount of not less than 10% of the amount of the bid. All bids shall be f.o.b. (Free on Board) to the Village of Swanton, Ohio.

Each bidder shall make himself acquainted with the unloading equipment and the methods which are used at the Water Treatment Plant and Water Resource Recovery Facility. All shipments must be adaptable to these methods and equipment. The bidder shall supply a typical analysis of each chemical included in their bid. The bidder may be requested to provide a sample of their product before the bid is awarded.

All approved bids are to have the NSF or UL approved number or certification sent to the Village of Swanton as required by OAC Rule 3745-83-01.

Any bid may be withdrawn prior to the scheduled closing time for receipt of bids, but no bidder shall withdraw their bid within 60 days after the actual opening thereof.

The Village of Swanton reserves the right to reject any or all bids and waive any irregularities in any bid.

Rosanna Hoelzle  
Village Administrator

Swanton Enterprise: Please publish on the dates indicated below. Please furnish proof of publication.

Dated: October 19, 2021  
October 26, 2021

**VILLAGE OF SWANTON, OHIO**

**CHEMICAL BID**

Date of Bid: November 3, 2021 at 1:00 p.m.; Swanton Municipal Building, 219 Chestnut Street, Swanton, Ohio 43558

**Hydrated Lime:** \_\_\_\_\_

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**GAC Virgin Granular Activated Carbon:** \_\_\_\_\_

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**Aluminum Sulfate (Liquid):** \_\_\_\_\_

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**Liquid Chlorine (150# Cylinders):** \_\_\_\_\_

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**Powered Activated Carbon:** \_\_\_\_\_

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**Potassium Permanganate (free flow):** \_\_\_\_\_

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**Hydrofluosilicic Acid:** \_\_\_\_\_

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**Sodium Bisulfite:** \_\_\_\_\_

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**Sodium Hypochlorite:** \_\_\_\_\_

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**Sodium Hypochlorite Bulk (Liquid):** \_\_\_\_\_

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**Liquid Carbon Dioxide:** \_\_\_\_\_

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**Sodium Carbonate Peroxyhydrate:** \_\_\_\_\_

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**Copper Sulphate:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Potassium Permanganate (nugget):** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Liquid Phosphate:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Accompanied by:**

**Bid Bond \$** \_\_\_\_\_

**Certified Check \$** \_\_\_\_\_

**Bidder:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Telephone:** \_\_\_\_\_

**E-Mail Address:** \_\_\_\_\_

**BY:** \_\_\_\_\_

\_\_\_\_\_  
**Authorized Representative**

**Swanton Water Treatment Plant  
3900 Waterville Swanton Road  
Swanton, Ohio 43558**

**Hydrated Lime**

120 tons more or less, shall conform to the AWWA specification B202-07 standards for Hydrated Lime. Purchases will be based on 90% available calcium hydroxide content. Purchase will be based on approximately 22.5 ton truck load lots delivered to the Water Plant. Hydrated lime will be supplied on pallets, 50# bags, shrink wrapped in a box truck. A certification of the NSF or UL approval # must accompany the bid for this product. This certification must be for the specific plant that will supply the product to the Village of Swanton in accordance with OEPA and regulations. Non-certified product shall not be considered.

**Aluminum Sulfate (Liquid)**

120 tons more or less, shall conform to AWWA specifications B403-03 standard for aluminum sulfate. Liquid sulfate shall be shipped in rubber lined tank truck. Purchases will be made in lots of @2500 gallons of no less than 8.0% as A1203. Delivery shall be made to the Water Treatment Plant. A certification of the NSF or UL approval # must accompany the bid for this product. This certification must be for the specific plant that will supply the product to the Village of Swanton in accordance with OEPA and regulations. Non-certified product shall not be considered.

**Liquid Chlorine (150# Cylinders)**

4.0 tons more or less, shall conform to AWWA specification B301-04 standard for liquid chlorine. Chlorine shall be packaged in 150# cylinders made for especially for this purpose. The owner of the cylinders shall pay for their return. Delivery shall be made to the Swanton WTP. Delivery may occur weekly as needed. This requirement is designed to reduce the amount of chlorine on hand at any one time to comply with OEPA regulation for chlorine storage. The successful bidder must guarantee that product will be delivered within five (5) working days from the order date. Timely delivery is essential! Chlorine supplied under this standard shall be a minimum of 99.5% pure by volume. A certification of the NSF or UL approval # must accompany the bid for this product. This certification must be for the specific plant that will supply the product to the Village of Swanton in accordance with OEPA and regulations. Non-certified product shall not be considered. We will not accept bids with chlorine cylinder deposits on them.

### **Powdered Activated Carbon**

2.0 tons more or less, shall conform to the AWWA specification B-600-05 standard for activated carbon. Further, it shall be certified to never exceed a tannin value of 350 ppm (max) and shall typically run at a tannin value of 220 ppm. The iodine number shall not be less than 500. Powdered activated carbon shall be packaged in dust proof multi-walled bags weighing between 40 to 50 pounds. The activated carbon supplied shall be produced by steam activation of lignite coal under carefully controlled conditions. It will be finely ground to obtain a high degree of suspend ability in water and have a high capacity for adsorption of organic that cause taste and odor problems in water supplies. Purchases will be made in one (1) lots more or less delivered to the Swanton WTP. A certification of the NSF or UL approval # must accompany the bid for this product. This certification must be for the specific plant that will supply the product to the Village of Swanton in accordance with OEPA and regulations. Non-certified product shall not be considered.

### **Potassium Permanganate**

2.0 tons more or less, these specifications shall conform to AWWA specification B603-03 and shall be made in the USA. Foreign material will not be acceptable. Shipment will be in 25 kg non-returnable pails to the Swanton WTP. Free-flowing Cairox grade is required. The potassium permanganate shall contain not less the 95% by weight. A certification of the NSF or UL approval # must accompany the bid for this product. This certification must be for the specific plant that will supply the product to the Village of Swanton in accordance with OEPA and regulations. Non-certified product shall not be considered.

### **Potassium Permanganate**

2.0 tons more or less, these specifications shall conform to AWWA specification B603-03 and shall be made in the USA. Foreign material will not be acceptable. Shipment will be in 25 kg non-returnable pails to the Swanton WTP. Nugget Cairox grade is required. The potassium permanganate shall contain not less the 95% by weight. A certification of the NSF or UL approval # must accompany the bid for this product. This certification must be for the specific plant that will supply the product to the Village of Swanton in accordance with OEPA and regulations. Non-certified product shall not be considered.

### **Hydrofluosilicic Acid**

3.0 tons more or less of  $H_2SiF_6$  25% solution packaged in 550# drums. This specification shall conform to AWWA standard B703-06 for fluorosilicic acid. Purchases will be made in 4 drum lots. A certification of the NSF or UL approval # must accompany the bid for this product. This certification must be for the specific plant that will supply the product to the Village of Swanton in accordance with OEPA and regulations. Non-certified product shall not be considered.



### **Liquid Carbon Dioxide**

Approximately thirty thousand (30,000) pounds more or less per year. AWWA standard for carbon dioxide (AWWA Standard B510-00). Commercial carbon dioxide suitable for use in the treatment of potable water shall have a carbon dioxide content of at least 99.5% by weight. A certification of the NSF or UL approval number must accompany the bid for this product. This certification must be for the specific plant that will supply the product to the Village of Swanton in accordance with OEPA regulations. Non-certified product shall not be considered.

### **GAC Virgin Granular Activated Carbon**

Approximately forty thousand (40,000) pounds per year. AWWA standard for GAC (AWWA Standard B604-00). To be delivered by bulk tanker .Product specifications, Iodine number 1000 min. Abrasion AWWA 75 min. Moisture 2 max. % as packed Mesh size Greater than 12 mesh (1.70mm) 5% max, less than 40 mesh (.42mm) 4% max. Typical Properties, Apparent density 0.49 g/ml,31 lb./ft3, Bed density,27 lb./ft3, Effective size .7mm,Uniformity coefficient 1.6, Food chemical codex passes, . A certification of the NSF or UL approval number must accompany the bid for this product. This certification must be for the specific plant that will supply the product to the Village of Swanton in accordance with OEPA regulations. Non-certified product shall not be considered.

### **Sodium Carbonate Peroxyhydrate**

6,000 pounds, more or less, 85% active ingredient, granular in 50 pound bags, used as algaecide. (ex. Green Clean PRO, PAK 27)

### **Copper Sulphate**

6,000 pounds, more or less, delivered in 50 pound bags and conform to AWWA Standard B602.

### **Liquid Phosphate**

6,000 pounds, more or less delivered in 55 gallon drums. For use in potable water, it must meet ANSI/NSF 60 guidelines. Product to be used for corrosion control. Product pH must be 3.8 and have a specific gravity of 1.32 + or - 0.3 @ 25 degrees Celsius. Product must have a solution strength 28.5% with a blend of 0 Poly/100 Ortho; 3.0 ppm Total Phosphate/3.0 ppm Ortho Phosphate. Comparable to Carus 4500

Prices shall be effective November 4, 2021 to October 31, 2022

All approved bids are to have the NSF or UL approved number or certification sent to the Village of Swanton as required by OAC Rule 3745-83-01.

**Swanton Water Resource Recovery Facility  
300 South Street, Swanton, Ohio 43558**

**Sodium Bisulfite (Liquid)**

38% to 40% aqueous solution, 610lb drums, 10-16 drums usage per year. Bids shall include cost per delivered drum.

**Sodium Hypochlorite (Liquid)**

12.5% to 15%, 55gal drums, 20-28 drums per year. Bids shall include cost per delivered drum.

Sodium Hypochlorite (Liquid)

12.5% to 15%, 300gal totes, 6-10 totes per year. Delivery shall be by truck with pumped unloading, the supplier shall provide all services that are required to fill the tank. Bids shall include cost per delivered gallon.

**Ferrous Chloride Solution (Liquid)**

24% to 28%, 45000lbs bulk tanks, 1-2 tanks per year. Delivery shall be by bulk truck with pumped unloading, the supplier shall provide all services that are required to fill the tank. Bids shall include cost per delivered pound.

The bidder shall make himself acquainted with the unloading equipment and the methods which are used at the Swanton Village Water Treatment Plant and Water Resource Recovery Facility. All shipments must be adaptable to these methods and equipment. The bidder shall supply a typical analysis of each chemical included in their bid. The bidder may be requested to provide a sample of their product before the bid is awarded. All bids shall be f.o.b. (Free on Board) to the Village of Swanton, Ohio.

Prices shall be effective November 4, 2021 to October 31, 2022

All approved bids are to have the NSF or UL approved number or certification sent to the Village of Swanton as required by OAC Rule 3745-83-01.

**AFFIDAVIT OF CONTRACTOR OR SUPPLIER OF NONDELINQUENCY OF  
PERSONAL PROPERTY TAXES  
O.R.C. 5719.042**

STATE OF \_\_\_\_\_

)SS:

TO: Village of Swanton, Fulton/Lucas Counties, Ohio

The undersigned, being first duly sworn, having been awarded by you for \_\_\_\_\_ hereby states that we are not charged at the time the bid was submitted with any delinquent personal property taxes on the general tax list of personal property of any county which you as a taxing district have territory and that we were not charged with delinquent personal property taxes on any such list.

In consideration of the award of the above contract, the above statement is incorporated in said contract as a covenant of the undersigned.

By: \_\_\_\_\_

Sworn to before me and subscribed in my presence this \_\_\_\_\_ day of \_\_\_\_\_, 2021.

**NON-COLLUSION AFFIDAVIT**

**STATE OF \_\_\_\_\_) SS:**

**COUNTY OF \_\_\_\_\_) SS:**

\_\_\_\_\_, being first duly sworn,

states and says that he is the \_\_\_\_\_ of

\_\_\_\_\_, the company making the foregoing proposal or bid; that such bid is genuine and not collusive or sham; that said company has not colluded, conspired, connived or agreed, directly or indirectly, with any bidder or person, to put in a sham bid, or that such other person shall refrain from bidding, and has not in any manner, directly or indirectly, sought by agreement or collusion, or communication or conference, with any person, to fix the bid price or promise to do so to any other bidder, to fix any overhead profit or cost element of said bid price, or that of any other bidder, or secure any advantage against the bid recipient or any person or persons interested in the proposed contract; and that all statements contained in said proposal or bid are true; and further, that such bidder did not, directly or indirectly submit this bid, or the contents thereof or divulge information or data relative thereto to any association or to any member or agent thereof.

By: \_\_\_\_\_

Sworn to before me and subscribed in my presence this \_\_\_\_\_ day of

\_\_\_\_\_, 2021.

\_\_\_\_\_  
Notary Public