



PIGEON FORGE
T.N.N.E.S.S.E.E.

DEPARTMENT OF PUBLIC WORKS

MARK MILLER
DIRECTOR

NOTICE OF BID

The City of Pigeon Forge is receiving bids on treatment chemicals for the water plant.

Specifications may be obtained from the Public Works Department in City Hall between the hours of 8:00 a.m. and 4:30 p.m., Monday thru Friday.

All bids must be in sealed envelope with bidders name and address on outside and marked "Bid on Treatment Chemicals."

Bids will be received until 2:15 pm, November 30, 2022, at which time they will be opened and read aloud.

The City reserves the right to reject any or all bids or to accept the bid most favorable to the City.

This 2nd day of November, 2022.

Department of Public Works
Pigeon Forge, Tennessee

SPECIFICATIONS

1. All deliveries will be made in a timely manner and must be between the hours of 8 AM and 4 PM, Monday thru Friday.
2. Orders and deliveries of Coagulant, 12.5% Sodium Hypochlorite, And 25% Caustic Soda will be for full tanker loads.
3. Orders and delivery of HFS (Hydrofluorosilicic Acid) will be for either 330 gallons or 660 gallons per order.
4. Orders and delivery of Aqua Mag will be for 330 gallons per order.
5. All trucks, tankers and totes must be secured with a lock-out tag.
6. All bulk deliveries (full tanker) must be off loaded by air pressure (pneumatic), not by hydraulic pump.
7. Drivers will be asked to show identification and will be signed in upon arrival.
8. All chemicals delivered must contain a "Certificate of Analysis" and will be analyzed by plant personnel before being allowed to off-load.
9. Any surcharges, such as fuel or insurance, must be stated on bid sheet. If surcharges are not disclosed at time of opening, they will not be accepted.
10. All bids that are opened and accepted by the City of Pigeon Forge shall and will be in effect from January 1, 2023 until December 31, 2023.
11. Bid price will be good for a 1-year period with the option of extending bid price, if the same, for a 1-year period, if City and winning bidder are in agreement.
12. Bidder must use provided bid sheet.

BID SHEET

| <u>Chemical</u> | <u>Approximate Usage Per Gal/lb</u> | |
|---------------------------------------|--------------------------------------------------------------------------------|---------------|
| 12.5% Bleach (Sodium Hypochlorite) | 60,000-90,000 gallons | |
| <u>gal/lb</u> | | |
| Coagulant (USALCO Del-Pac 2500)* | 50,000-80,000 gallons | <u>gal/lb</u> |
| * Aluminum Chloride Hydroxide Sulfate | | |
| Product Properties: | | |
| % Aluminum Oxide | 12.5 +/- 0.5 | |
| % Aluminum | 6.6 +/- 0.3 | |
| Basicity | 70% Min. | |
| Sulfate | 1.7% +/- 0.5% | |
| Chloride | 9% Min. | |
| pH | 2.3 +/- 0.3 | |
| Specific Gravity (60 degrees F) | 1.29 +/- 0.03 | |
| Color | Water White to Tan | |
| Appearance | Clear to Slightly Hazy | |
| Freezing Point | -26 degrees F | |
| CAS Number | 39290-78-3 | |
| UN Class | UN 1760 Corrosive Liquid N.O.S. (Aluminum Chloride Hydroxide Sulfate) | |
| | Must meet the specifications of ANSI/AWWA B408-03 | |
| | Must be certified under ANSI/NSF Standard 60 | |
| 25% Caustic Soda (Sodium Hydroxide) | 30,000-40,000 gallons | <u>gal/lb</u> |
| Aqua-Mag (Polyphosphate) | 3,000-4,000 gallons | |
| <u>gal/lb</u> | | |
| | (Must bid Aqua-mag, trade name for chemical made by Carus Phosphates, Inc.) | |
| | (Delivery to be 330 gallons per order, pumped into storage tank.) | |
| Fluoride (Hydrofluorosilic Acid) | 3,500-5,000 gallons | <u>gal/lb</u> |
| | (Delivery to be 330 or 660 gallons, pumped into storage tank.) | |

All bidders/suppliers must be NSF certified in the State of Tennessee.

Bidder: _____

Address: _____

Contact: _____ Phone: _____

Fax: _____ Email: _____

Signature

Date

Mail or deliver bid documents to:

Pigeon Forge Public Works
PO Box 1350
3211 Rena Street
Pigeon Forge, TN 37868