

GALLATIN PUBLIC UTILITIES

Bid Proposal

Item: **Sewer Odor Control Chemicals**

Bid Date: _____

Company Address: _____

Phone Number: _____

Manufacturer: _____

Bid Information

- (1) Prices F.O.B., Sewer Lift Stations, Gallatin, Tennessee 37066.
- (2) Owner reserves the right to order from other suppliers if delivery dates are not satisfactory to this department.
- (3) Vendor must furnish manufacturer's product description and warranties.
- (4) The department reserves the right to waive informalities and to accept or reject any and/or all bids.
- (5) Submit bids in a sealed envelope bearing the name and address of the bidder on the outside.
- (6) Order will be placed within **7** working days of bid date.
- (7) Delivery dates over **30** days must be noted in the bid.

Bid: **Sewer Odor Control Chemicals**

Date: **September 18, 2012**

Time: **2:00 p.m. CST**

If forwarded by mail, the sealed envelope containing the bid must be enclosed in another envelope, addressed to the attention of the Assistant Superintendent, Gallatin Public Utilities, 239 Hancock Street, Gallatin, Tennessee 37066.

NO BIDS SHALL BE FAXED

Specifications: Sewer Odor Control Chemicals – See attached specifications.

Size & Type	Quantity	Unit Price	Amount
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1. Sewer Odor Control Chemicals	+/- 30,000 gallons		
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Signature of Authorized Representative: _____

Company Name: _____

Company Address: _____

Telephone Number: _____

Fax Number: _____

E-mail: _____

Specifications for Sewer Odor Control Chemicals

The Sewer Odor Control Chemicals shall be Bioxide, or Department approved equivalent, with the following minimum specifications:

The material requested in this specification shall be used to control hydrogen sulfide – thereby reducing odor and corrosion within the wastewater collection system. The material supplied shall provide nitrate-oxygen (via nitrate salts) to the wastewater to utilize and enhance naturally occurring biochemical processes to accomplish hydrogen sulfide prevention and removal. The material shall be chemically stable, thereby allowing the continuous removal of sulfides downstream of the application point.

1. Liquid Calcium Nitrate
2. The material supplied shall be an aqueous solution of calcium nitrate containing a minimum of 60% calcium nitrate salt by weight.
3. The material supplied shall have a minimum specific gravity of 1.45
4. The material supplied shall have a pH of not less than 5.0 and not greater than 7.5.
5. The material supplied shall be capable of reducing the dissolved hydrogen sulfide concentration in the wastewater to less than 0.1 mg/L.
6. The material supplied shall be free of any objectionable odor-producing compounds.
7. The material supplied shall be completely soluble in water.
8. The material supplied shall not contain any hazardous substances as defined by both the EPA and TDEC CERCLA lists.
9. The supplier shall be responsible for the safe, clean delivery of the material supplied into the Owner's storage tanks. The supplier shall be responsible for the prompt clean-up of any spills made during delivery. The supplier shall be responsible for any damages to the Owner's tanks and/or feed systems that are directly attributable to the supplied product quality or delivery.
10. All charges must be included in the per gallon bid price – including freight, delivery, technical assistance, etc.

11. All deliveries will be made between 7:30am and 4:30pm Monday through Friday. All deliveries will be as needed upon 72-hour notice.
12. The quoted price shall include delivery to the various pump stations for Gallatin Public Utilities.
13. The supplier shall provide pricing in terms of price per gallon delivered. The minimum nitrate-oxygen content in the solution must be provided in the bid and shall be expressed as pounds nitrate-oxygen per gallon of solution.
14. The quoted price shall be valid for delivery quantities of 2,500 to 4,000 gallons and multiple delivery sites per delivery. The estimated annual volume is 30,000 gallons.