



DRINKING WATER DIVISION

MEMORANDUM

DATE: November 20, 2014

TO: Chemical Vendors

FROM: Wausau Water Works - Drinking Water Division

SUBJECT: Sealed Bids for Hydrated Lime, Sodium Hypochlorite 12.5%, Sodium Silicate 40% Bulk

Wausau Water Works will accept Sealed Bids for Hydrated Lime, Sodium Hypochlorite 12.5%, Sodium Silicate 40% Bulk. Bid only on products that you are able to deliver. You are not required to be able to supply all three products to bid. All bids shall include shipping.

Sealed bids are to be submitted to Wausau Water Works, c/o Engineering Department, 407 Grant Street, Wausau, WI 54403-4783, by no later than 4:00 p.m., Friday, December 5, 2014. Envelope should clearly state Wausau Water Works Chemical Bids.

The successful bidder will be required to deliver the bid product after January 1, 2015.

If you have any questions regarding the bid or the product, please contact Dick Boers, Water Plant Superintendent at 715 261-7286 between 7:00 a.m. and 3:00 p.m.

Attached are copies of the product specifications, which require the products to be approved for drinking water and meet the standards of the American Water Works Association.

Wausau Water Works/City of Wausau reserves the right to accept or reject any or all bids.

REQUEST FOR SEALED BIDS

From: Wausau Water Works Street: 407 Grant Street City/State: Wausau, WI 54403-4783 Phone: 715-261-7286 Fax: 715-261-4133 TO:	Inquiry No. _____ Date _____ Classification _____ <p style="text-align: center;">PLEASE NOTE CAREFULLY</p> This inquiry implies no obligation on the part of the buyer. Unless otherwise specified, there is no restriction on the number of items that may be ordered. In bidding, use duplicate copy of this form provided. Fill in complete information before returning. DO NOT bid on articles you cannot supply. If substitutes are offered, make full explanation.
THIS IS AN INQUIRY – NOT AN ORDER	

Delivery Point: Wausau Water Treatment Plant () Parcel Post () Freight _____ R.R. If not indicated, suggest most practical way.
 1801 N. River Dr., Wausau, WI () Express () _____

Prices Bid F.O.B. _____ Freight Allowance _____
 Shipping Point _____

Terms _____ % Discount _____ Days, Net Cash _____ Days

No charge to be made for packing, boxing, crating or delivery to transportation co.

Item No.	Quantity	Item & Specifications	*	Unit	List Price Of Unit	Discount Offered	New Unit Price	Estimated Gross Wt.
		Please Provide Sealed Bids On the following:						
1.	350 Ton Annually	Hydrated Lime						
2.	25,000 Gal Annually	Sodium Hypochlorite						
3.	180,000 lbs. Annually	Sodium Silicate						
		Sealed Bids Due: December 5, 2014 Delivery after January 1, 2015						

*Checkmark in this column indicates that shipment can be made from stock.

Delivery of other items as follows:

Subject to withdrawal _____ Date returned _____

/s/ Deb Geier _____ For Buyer
 Deb Geier
 Utility Resources Manager

_____ For Seller
 Title _____



SPECIFICATIONS FOR HYDRATED LIME

Physical Requirements

Hydrated lime shall be white, finely powdered, and free from lumps or any foreign material that might interfere with the operation of dry-feed equipment. Uniformity of particle size is desirable.

Delivery Equipment

The truck utilized for transport shall also be cleaned of any foreign residue or material that would interfere with feed equipment or storage or impair water quality. (Residue seed products i.e. corn, wheat, oats have caused failure of storage and/or feed equipment.)

Chemical Requirements

Shall insure that hydrated lime has available calcium oxide greater than 62%, which is equivalent to 81.9% calcium hydroxide as specified by AWWA Standard B202-07.

Impurities

The hydrated lime supplied under these specifications shall contain no mineral or organic substances in quantities capable of producing deleterious or injurious effects upon the health of those consuming the water which has been treated with it.

Product Certification

Hydrated lime is a direct additive used in the treatment of potable water. These materials should be certified as suitable for contact with or treatment of drinking water by an accredited certification organization in accordance of ANSI/NSF Standard 60, Drinking Water Treatment Chemicals - Health Effects. Evaluation shall be accomplished in accordance with requirements that are no less restrictive than those listed in ANSI/NSF Standard 60. Certification shall be accomplished by a certification organization accredited by the American National Standards Institute. **Please include a current product specification and typical analysis verifying the calcium oxide percent and a measure of various constituents normally found with this product including typical particle size. Also include the latest Material Safety Data Sheet for this product.**

JLG/dg

f:\wpdata\quotes\chemicals\hydratedlimespecs110411.wpd



SPECIFICATIONS FOR SODIUM HYPOCHLORITE

Under this schedule, the Supplier must furnish liquid sodium hypochlorite FOB destination in accordance with the American Water Works Association's Standard B-300-10 for sodium hypochlorite, except as modified or supplemented herein.

Physical Characteristics

Sodium Hypochlorite 12.5% solution (NaOCl) is a clear, light-yellow liquid containing up to 200-g/L available chlorine (20 trade percent). Passing chlorine into a caustic soda solution or into a caustic soda-soda ash mix is one method of manufacture.

Chemical Requirements

Sodium Hypochlorite shall contain not less than 100 g/L available chlorine.

Impurities

General – The hypochlorites supplied according to this standard shall contain no soluble material or organic substances in quantities capable of producing deleterious or injurious effects on the health of those consuming water that has been treated properly with the hypochlorites.

Product certifications – Hypochlorites are direct additives used in the treatment of potable water and wastewater. This material should be certified as suitable for contact with or treatment of drinking water by an accredited certification organization in accordance with NSF/ANSI 60, Drinking Water Treatment Chemicals – Health Effects. Evaluation shall be accomplished in accordance with requirements that are no less restrictive than those listed in NSF/ANSI 60. Certification shall be performed by a certification organization accredited by the American National Standards Institute.

All hypochlorites used in water disinfection are required to be registered with USEPA under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA)

Delivery Requirements

The Supplier shall be responsible for any spills resulting from the failure of its or its subcontractor's delivery equipment or from failure of attendant delivery personnel in the proper performance of their duties. Proper performance shall require attendant delivery personnel's constant inspection and observation of unloading operations and knowledgeable response to problems or emergencies which would most commonly be expected to occur. The Purchaser reserves the right to refuse any and all deliveries made with equipment that is poorly maintained. The tanks or trailers shall be clean and free of residue that may contaminate the Supplier's product or impede the unloading process. It is the Supplier's responsibility to verify the cleanliness of the



SPECIFICATIONS FOR LIQUID SODIUM SILICATE

Impurities

General impurities - The liquid sodium silicate supplied in accordance with this standard shall contain no substances in quantities capable of producing deleterious or injurious effects on the health of those consuming water that has been properly treated with liquid sodium silicate.

Product certifications – Liquid sodium silicate is a direct additive used in the treatment of potable water. This material should be certified as suitable for contact with or treatment of drinking water by an accredited certification organization in accordance with NSF/ANSI 60, Drinking Water Treatment Chemicals – Health Effects. Evaluation shall be accomplished in accordance with requirements that are no less restrictive than those listed in NSF/ANSI 60. Certification shall be accomplished by a certification organization accredited by the American National Standards Institute.

Physical Requirements

The sodium silicate shall contain not more than 0.5% by weight of suspended matter.

The specific gravity of the liquid sodium silicate shall not be less than 1.380 at 60° F for the 40° Bé grade.

Chemical Requirements

The sodium silicate shall contain not less than 28.0% by weight of silica as SiO₂ for the 40° Bé grade.

The ratio of SiO₂ to Na₂O is usually 3.25 ± 0.03:1. The SiO₂ shall not be less than 3.15 this ratio.

NOTE: By agreement between the manufacturer and the purchaser, material varying with regard to specific gravity, Na₂O-SiO₂ ratio, and silica content may be furnished.

Materials shall comply with the Safe Drinking Water Act and other federal regulations for portable water and wastewater systems as applicable.

The latest Material Safety Data Sheet for this product shall be provided.

transporting equipment before supplied by the Supplier and shall be clean and free from contaminating material. The Purchaser may reject a load if the equipment is not properly cleaned. The Supplier shall furnish the Purchaser an approved, leak-free connection device between the trailer and the Purchaser's intake receptacle. The Supplier shall observe the entire filling operation at each delivery site and shall immediately report any spills caused during the filling operations. The Supplier shall take immediate and appropriate actions to clean up any spilled liquid sodium hypochlorite. If the spill is not cleaned up, the Purchaser will hire a certified hazardous material handling company to clean up the spill, and the cost of such service will be charged to the Supplier and deducted from the amount due to the Supplier.

The latest Material Safety Data Sheet for this product shall be provided.

dg

f:\wpdata\quotes\chemicals\LiquidSodiumhypochlorite110811.wpd