

**WEST GOSHEN TOWNSHIP
SPECIFICATIONS
FOR
NATURAL DEICING LIQUID**

WEST GOSHEN TOWNSHIP, CHESTER COUNTY, PA.

BIDS CLOSE – 10:00AM.

October 13, 2020

OPENING & READING OF BIDS – 10:15 AM.

October 13, 2020

NOTICE OF BID - Sealed proposals will be opened and read by West Goshen Township, Chester County, 1025 Paoli Pike, West Chester, PA. 19380, on Tuesday, October 13, 2020 at 10:15 AM for the following:

NATURAL DEICING LIQUID

Proposals will be accepted until 10:00 AM local prevailing time on Tuesday, October 13, 2020. Proposal forms, specifications forms of contract and instruction to bidders may be obtained at the Township Building, Monday-Friday 7:00 AM to 5:00 PM.

Each proposal must be accompanied by a certified check of Bid Bond in the amount of 10% of the 4,500-gallon delivery amount.

Proposals shall be submitted on the forms furnished by the Township. The Board of Supervisors reserves the right to reject any and/or all bid proposals.

Mr. Casey LaLonde
Township Manager

Advertising Dates:

September 10, 2020
September 17, 2020

SECTION 1
INFORMATION FOR BIDDERS

1.01 INVITATION TO BID:

In accordance with the Advertisement for Bids, Proposals are invited to be submitted for the performance of the work under this Contract, the designation of which is stated in the Advertisement for Bids.

Bids are requested as stated in the form of Proposal. The price(s) bid shall cover all costs of any nature incident to or growing out of the work including labor, material, equipment, transportation, and all else necessary to perform and complete this work in the manner and within the time specified.

1.02 RECEIPT OF BIDS:

Sealed Proposals for performing the work described herein shall be received until 10:00 AM local prevailing time on Tuesday, October 13, 2020, at the Township Building, 1025 Paoli Pike, West Chester, PA. Bids will be opened and publicly read at 10:15 AM on October 13, 2020, at the Township Building, 1025 Paoli Pike, West Chester, PA. Proposals will be publicly awarded by the Board of Supervisors of West Goshen Township, Chester County, at the Township Building, 1025 Paoli Pike, West Chester, PA on Tuesday, October 20, 2020, at 7:00 P.M. local prevailing time

Bids received after the time specified for the receipt of bids will not be considered or accepted and will be returned unopened. It is intended that the award of the contract will be made by the Township or all bids rejected within sixty (60) calendar days from the date of opening the bids, but may, subject to bidders' rights to withdraw, take a longer time.

1.03 COPIES OF CONTRACT DOCUMENTS:

A full description of the work to be bid and of the requirements, provisions, and details thereof, is given in the Contract Documents, copies of which may be obtained at the Township Building, 1025 Paoli Pike, West Chester, PA. 19380.

1.04 BID SECURITY:

Each Proposal shall be accompanied by a Proposal Guaranty payable to West Goshen Township in the amount of at least ten percent (10%) of the amount bid to ensure the proper execution of the Contract. This Proposal Guaranty shall be either a certified check drawn on a bank or trust company satisfactory to the Township, or a Bid Bond, duly executed by the bidder as principal, and having as surety thereon a surety company approved by the Township. The bid bond will be calculated at the cost of one 4,500 gallon delivery.

In the event any bidder shall, upon the award of the contract to him, fail to execute the contract or comply with the requirements hereinafter stated, the full amount of the Bid Bond or

certified check shall be forfeited to the Township as liquidated damages (not a penalty). The Proposal Guaranty of all bidders will be returned upon execution of the Contract.

1.05 PREPARATION OF PROPOSALS:

Proposals shall be submitted on the Form of Proposal furnished by the Township, properly filled out in ink, and shall be duly executed. The Bidder shall state in the form of Proposal the price per unit of measure or lump sum price, in words and in figures as required, for each scheduled item and the Total Price, as determined by multiplying each quantity by the price bid per unit of measure, therefore, and adding together the resulting amounts and any lump sum prices required.

Where there is a discrepancy in any item between the unit or lump sum price written in figures and that written in words, the written words will govern.

If the Total Price on any Proposal is found to be incorrectly computed, the Township reserves the right to make such changes as are necessary in the extended amounts and Total Price on the basis of unit and lump sum prices given and the Approximate Quantities stated for the scheduled items therein.

1.06 SUBMITTING PROPOSALS:

All bids must be submitted on the Form of Proposal furnished by the Township. The Proposal, together with the Bid Security, shall be enclosed in an opaque sealed envelope, bearing on the outside the name and address of the Bidder as well as the Title of Contract as given in the form of Proposal and date and time of bid opening. Proposals will be accepted at the place and until the time stated herein before and in the Advertisement for Bids.

If forwarded by mail, the sealed envelope shall be inserted inside of a second envelope, addressed to the West Goshen Township, 1025 Paoli Pike, West Chester, PA., 19380. Mailed Proposals must be received by the Township prior to the time set for receiving bids, if they are to be considered, and the Township will not be responsible for any delays caused by mailing.

Any Proposals received after the time set for the public receipt of bids will not be considered or accepted and will be returned unopened.

1.07 QUALIFICATIONS OF BIDDERS:

The Bidder's experience, necessary facilities, and financial resources to furnish the items of this Contract will be examined by the Township and the Township reserves the right to reject the Proposal of any Bidder not possessing satisfactory qualifications as deemed by the Township.

1.08 SURETY:

The name and address of each surety furnishing the Contractor's Bid Bond as required hereinafter must be stated in the Proposal, and the surety's consent must be given in the form attached thereto.

In addition, each surety's consent must be accompanied by a Power of Attorney nominating, constituting, and appointing the person whose signature appears on said surety's consent as the true and lawful agent of the surety to execute all bonds and the consent on its behalf.

In case the surety named in the Proposal is not approved by the Township, the Bidder will be required, within five (5) days or such further period as may be prescribed by the Township after notice of such disapproval, to substitute the name of another surety satisfactory to the Township.

1.09 ADDENDA:

Any revision or interpretation of the Contract Documents prior to bid opening will be made in the form of an Addendum to the Documents, duly issued and a copy of such Addendum will be mailed or delivered to each person receiving a set of Contract Documents. The Township will not be responsible for any other explanation or interpretations of the Contract Documents or any part thereof.

All Bidders will acknowledge in the space provided for in the Proposal the receipt of all Addenda.

1.10 WITHDRAWAL OF BIDS:

A Proposal, after having been submitted, may be withdrawn by the Bidder prior to the time set for the opening of bids upon the presentation of a written request for such withdrawal to the Township Secretary. No withdrawal of bids will be allowed within 60 calendar days after said time even though bids may not, as yet, have been opened.

1.11 RIGHT TO REJECT BIDS:

The Township will determine who is the lowest responsible Bidder upon the basis of the bids submitted, and reserves the right to reject any or all bids and re-advertise if the best interest of the Township will thereby be promoted and reserves the right to waive technical defects, if in its judgments the interest of the Township shall so require.

No Proposal will be considered from any person, firm, or corporation, who has defaulted in the performance of any contract or agreement made with West Goshen Township, or conclusively shown to have failed to perform satisfactorily such contract, or agreement.

The Township reserves the right to waive any informality in the bids received, to award the Contract only to a bidder whose Proposal is deemed by the Township to be most

advantageous to the public interest, and to reject any, or all bids for any reason whatsoever.

Proposals which are deemed by the Township to be incomplete, conditional, or obscure, or which contain additions, erasures, alterations, omissions, or irregularities of any kind may be rejected as informal.

1.12 SALES AND USE TAX ACTS:

The Township will provide a tax-exempt certificate following the bid award if applicable.

1.13 AWARD OF CONTRACT:

It is intended that the award of the contract will be made by the Township or all bids rejected within sixty (60) calendar days from the date of opening the bids, but may, subject to bidders' rights to withdraw, take a longer time, if identical low responsible bids are received, then the award will be decided by the single tossing of a coin. The low bidders will be notified of date, time, and place of the toss, should it be required, so that they may be present if desired.

Section 2

Technical Specifications

2.01 General

This work shall consist of the furnishing and delivering a natural deicing liquid, for the Department of Public Works. The township will purchase a minimum of 4,500 gallons of the liquid deicer at a time. The Township will purchase a maximum of 27,000 gallons through the contract period.

2.02 Technical Requirements

The delivered product shall be a natural agricultural product that is derived from de-sugared beet molasses. The product must demonstrate passing the limits that the Pacific Northwest Snow fighters require for deicers to be used in their states. The deicer must have a freeze point of at least -30 degrees Fahrenheit. The deicer must be biodegradable and non toxic to humans and animals. The product must be acceptable for use with salt brines and be blended without stratification. The product must be able to be blended with liquid calcium and magnesium brines as well without stratification. The product must be able to be used as an admix for salt stockpile mixing to prevent freezing without leaching. When pretreating the stock pile a rate of 6 gallons per ton or less must be used. The material must have a minimum of 55% anti-icing solids and have a minimum viscosity of 30cP at 30 degrees Fahrenheit. Product is not to contain any chloride deicers. The Township reserves the right to request a product sample for independent testing prior to the bid award. All bids must contain a MSDS sheet.

2.03 Technical Questions

All technical questions should be directed to: Mark Bertolami, Streets Superintendent, 1025 Paoli Pike, West Chester, PA. 19380. Phone 610-696-5266.

2.04 Material Specifications

Typical Properties

1. Specific Gravity	1.27 +/- .02
2. Pounds per gallon	10.5 +/- .2
3. PH	7.4 +/- .5
Parameter	Limit
1. Barium	<.05 mg/L
2. Cadmium	<.05 mg/L
3. Chromium	<0.5 mg/L
4. Copper	.8 mg/L
5. Lead	.5 mg/L

2.04 Material Specifications (cont'd)

Parameter	Limit
6. Selenium	<1.0 mg/L
7. Zinc	11.8 mg/L
8. Cyanide Total .	12 mg/L
9. Phosphorous Total (1%) solution	2.17 mg/L

2.05 Delivery Specifications

All deliveries shall be made from Monday to Thursday from 7:00 AM until 3:00 PM.

All deliveries shall be made with an anti- foaming agent **included**.

Trucks making deliveries shall be equipped with a minimum of 20 feet of hose. Each hose shall have a 3-inch cam lock type fitting.

Township stock tanks are equipped with a 3-inch male type cam lock fitting.

Delivery trucks must be self equipped with a pump to fill the Township stock tanks from the bottom of the tank.

NATURAL LIQUID DEICER
Form of Proposal

DATE: October 13, 2020

Board of Supervisors of West Goshen Township
1025 Paoli Pike
West Chester, PA 19380

Gentlemen:

The undersigned herewith submits bid for furnishing approximately 27,000 gallons, more or less, of NATURAL DEICING LIQUID and will have the following specification:

- 1.) 4,500 gallons shall be delivered, at times required by West Goshen Township and delivered to 1025 Paoli Pike, West Chester, PA 19380. Deliveries shall be within one business week of order request
- 2.) The township will purchase a minimum of 4,500 gallons and a maximum of 27,000 gallons during this contract period.
- 3.) Contract period will be from December 1, 2020 through November 30, 2021.
- 4.) We understand the Board reserves the right to reject any and/or all bids.
- 5.) Attach MSDS sheet.

Total cost per gallon including anti foaming agent, delivered to West Goshen Storage Tank

\$ _____

Total cost per 4,500 gallon including delivery \$ _____

EXCLUDE Pennsylvania Sales Tax. Exemption Certificate will be furnished by Township if requested.

FIRM NAME _____ BY _____
Signature

ADDRESS _____

_____ Print Name