



BID NOTICE

Sealed proposals will be received by the Township of West Bradford, Chester County, Pennsylvania, 1385 Campus Drive, Downingtown, PA 19335 until 12:00 pm (noon) on Wednesday, August 2, 2023, and will be opened on this same date at the Township at 1:00 pm for the following:

UPDATED FOR WINTER 2023-2024

SODIUM CHLORIDE: APPROXIMATELY 19,325 TON

SOLAR SALT: APPROXIMATELY 118

TON ENHANCED DEICER: APPROXIMATELY 1,990

Specifications and information packages are available at the above address, by calling 610-269-4174 or Online at www.westbradford.org.

Proposals must be on the forms furnished by the Township of West Bradford, in a sealed envelope marked “SODIUM CHLORIDE BID – WINTER 2023-2024” and must include on the outside the name, address, and phone number of the bidder. The bid must be accompanied by a bid bond or certified check in the amount of 10% of the bid. The bid will be awarded at the August 8, 2023, Board of Supervisor meeting.

This is a cooperative bid on behalf of the following Municipalities:

Borough of Downingtown	Phoenixville Borough
Borough of Malvern	Schuylkill Township
Borough of West Chester	Tredyffrin Township
East Bradford Township	Upper Uwchlan Township
East Caln Township	Uwchlan Township
East Fallowfield Township	Wallace Township
East Vincent Township	West Bradford Township
East Whiteland Township	West Brandywine Township
North Coventry Township	West Pikeland Township
	West Whiteland Township
	Willistown Township

The Municipality reserves the right to reject any or all bids as is deemed in the best interest of the Municipalities.

**PROPOSAL FOR SODIUM CHLORIDE, SOLAR SALT, DEICER
SPECIFICATIONS
DEPOSIT OF PROPOSALS**

All envelopes containing **BID PROPOSALS** shall be clearly marked:

“SODIUM CHLORIDE BID – WINTER 2023-2024”

Township of West Bradford
1385 Campus Drive
Downingtown, PA 19335

Sealed Proposals will be received on or before 12:00 pm (noon) on Wednesday, August 2, 2022.

Bids will be opened at 1:00 pm on the same date. Proposals must be mailed or otherwise delivered to the above address.

Supplier agrees to furnish and deliver those items for which prices have been indicated on the Schedule of Prices in accordance with the following specifications:

SPECIFICATIONS:

Sodium Chloride shall conform to the requirements of the AASHTO M 143 for Type 1, Grade 1, with the following exceptions and additional requirements:

1. Moisture content shall not exceed 2% by weight for stockpile delivery.
2. All salt shall be uniformly treated with an anti-caking compound (Anti-Cake, Storite, or equal). The compound shall be introduced uniformly throughout the Sodium Chloride at such a rate that a minimum of 20 ppm anti-caking compound shall be present.
3. Any salt that is not full-flowing and in usable condition upon arrival at its destination will be rejected.
4. Solar salt to be a crystalline salt harvested from evaporated ocean water.
5. Enhanced Deicer (see attached technical specifications).

NUMBER OF UNITS: APPROXIMATELY 19,325 TON SODIUM CHLORIDE

APPROXIMATELY 118 TON SOLAR SALT

APPROXIMATELY 1,990 TON ENHANCED DEICER

ENHANCED DEICER

Sodium Chloride (Salt) Properties:

Constituent	Specification	Sieve Size	Specification Ranges	Passing Results
Sodium Chloride	> 97% dry basis	1/2" - (12.5 mm)	100	100
Moisture	< 0.5%	3/8" - (9.5 mm)	95-100	96A
YPS	70-100ppm	No. 4 - (4.75 mm)	20-90	65.8
		No. 8 • (2.36 mm)	10-60	42.7
		No. 30 - (600 microns)	0-15	11.2

Liquid Enhancer Physical Characteristics:

No.	Properties	Test Methods	Typical Values	Specification	
				min	max
1	Appearance	.	Translucent Green	.	.
2	pH, deicer 1+4	ASTM D-1293	6.2	6.0	9.0
3	Specific Gravity (15° C 60°F)	ASTM D-1429	1.290	1.280	1.300
4	Weight (lbs/gal)	ASTM D-1429	10.76	10.68	10.85
5	Freeze Point Temperature	PMS	-65°C -85°F	-	-
6	% Freezer Settable Solids	PNS	<1.0	0.0	1.0
7	% Solids Passing #10 Sieve	PNS	>99.0	99.0	100.0
8	Total Dissolved Solids	.	36.0	35.0	40.0
9	Corrosion % effectiveness	NACE PNS	26.2	.	<30.0

Liquid Enhancer Chemical Characteristics:

No.	Properties	Test Methods	Typical Values	Specification	
				min	max
10	% Magnesium Chloride	PNS	24.0	23.0	25.0
11	% Sodium Chloride	PNS	.	.	1.0
12	% Calcium Chloride	PMS	.	.	1.0
13	% Potassium Chloride	PNS	.	.	1.0
14	Arsenic (ppm)	EPA 200.7	<1.0	.	5.0
15	Barium (ppm)	EPA 200.7	<0.5	-	100.00
16	Cadmium (ppm)	EPA 200.7	<0.05	.	0.2
17	Chromium (ppm)	EPA 200.7	<0.5		1.0
18	Copper (ppm)	EPA 200.7	<0.1	.	1.0
19	Cyanide (ppm)	EPA 335.4	<0.05	.	0.2
20	Lead (ppm)	EPA 200.7	<0.5	-	1.0
21	Mercury (ppm)	EPA 245.1	<0.02	-	0.05
22	Selenium (ppm)	EPA 200.7	<1.0	.	5.0
23	Zinc (ppm)	EPA 200.7	<0.1	.	10.0
24	Phosphorus (ppm)	EPA 365.4	15.9	.	2500.0

2022-2023 Sodium Chloride, Solar Salt & Enhanced Deicer Usage of Municipality

Municipality	Amount (Tons) (Including Initial Delivery)			Initial Delivery (Tons) Before First Snow		
	Sodium Chloride	Solar Salt	Enhanced Deicer	Sodium Chloride	Solar Salt	Enhanced Deicer
Borough of Downingtown 4 W. Lancaster Avenue Downingtown, PA 19335 Jack E. Law III: 610-269-0344, x232 Lori Wise: 610-269-0344, x238 Delivery: 8 W. Lancaster Ave. Downingtown, PA 19335	500		500			
Borough of Malvern 1 East First Avenue Malvern, PA 19355 Ira Dutter: 610-644-1819 Walt Davis: 610-644-1819 Delivery: 116 Ruthland Ave. Malvern, PA 19355	225			25		
Borough of Phoenixville 351 Bridge Street Phoenixville, PA 19460 Brian Watson: 610-933-8801 Matt Keefe: 484-219-3166 Delivery: 18 S. Second Ave Phoenixville, PA 19460	500					
Borough of West Chester 401 East Gay Street West Chester, PA 19380 Don Edwards: 484-887-2757 Powers/Anderson: 610-696- 5282 Delivery: 205 Lacey Street, West Chester, PA 19380			100			20
East Bradford Township 676 Copeland School Road West Chester, PA 19380 Randy Behmke: 610-945-6534 Trent Horst: 484-401-8063 Delivery: same as above	800	48			24	
East Caln Township 110 Bell Tavern Road Downingtown, PA 19335 Mike McNabb: 610-496-8254 Colin McNabb: 484-753-4125 Barb Kelly: 610-269-1989 or 484-883-2003 Delivery: 1098 Boot Road Downingtown, PA 19335	350			40		

Municipality	Amount (Tons) (Including Initial Delivery)			Initial Delivery (Tons) Before First Snow		
	Sodium Chloride	Solar Salt	Enhanced Deicer	Sodium Chloride	Solar Salt	Enhanced Deicer
East Fallowfield Township 2264 Strasburg Road East Fallowfield, PA 19320 Justin Gathercole: 610-496-0918 Hoseph Breslin 610-384-4576 Delivery: same as above	500					
East Vincent Township 262 Ridge Road Spring City, PA 19475 Darwin Schafer: 610-633-8988 Dennis Shope: 484-942-5159 Delivery: same as above	500		90			
East Whiteland Township 209 Conestoga Road Frazer, PA 19355 John Neild: 267-398-5844 Marc Heivly: 610-656-8826 Delivery: same as above	1,000		400			200
North Coventry Township 845 South Hanover Street Pottstown, PA 19465 Jon McKee: 610-858-1863 Brad Holloway: 484-824-0055 Delivery: 150 Lenape Crossing Pottstown, PA 19465	200					
Schuylkill Township 111 Valley Park Road Phoenixville, PA 19460 Nick Cinciripino: 610-633-8114 Laurie Getz: 610-933-5843 ext. 303 Delivery: 101 Valley Park Rd. Phoenixville, PA 19460	2,700					
Tredyffrin Township 1100 DuPortail Road Berwyn, PA 19312 Darin Fitzgerald: 610-731-8219 Bill Hagan: 610-663-5043 Delivery: same as above	5,500					

Municipality	Amount (Tons) (Including Initial Delivery)			Initial Delivery (Tons) Before First Snow		
	Sodium Chloride	Solar Salt	Enhanced Deicer	Sodium Chloride	Solar Salt	Enhanced Deicer
Upper Uwchlan Township 140 Pottstown Pike Chester Springs, PA 19425 Steve Poley: 610-656-2784 Kristin Roth: 610-458-2318 Delivery: 132 Oscar Way, Chester Springs, PA 19425	1,100		200			
Uwchlan Township 715 N. Ship Road Exton, PA 19341 Jeff Seese:: 610-656-0842 James Peterson: 610-656-0139 Delivery: Same as above	750					
Wallace Township PO Box 670 1250 Creek Rd Glenmoore, PA 19343 Steve Senn: 610-637-5775 Betty Randzin 610-942-2880 Delivery: 2160 Creek Rd Glenmoore, PA 19343	300			50		
West Bradford Township 1385 Campus Drive Downingtown, PA 19335 Scott Address: 484-798-8430 Ron Youtz 610-806-2744 Delivery: 1480 Poorhouse Rd. Downingtown, PA 19335	900		400			
West Brandywine Township 198 Lafayette Road West Brandywine, PA 19320 Rick Railing: 610-314-8618 Bonnie Lucy: 610-380-8200 Delivery: 199 Lafayette Road West Brandywine, PA 19320	600		100	75		25
West Pikeland Township 1645 Art School Road Chester Springs, PA 19425 Harry Cowan: 484-868-4407 Anthony Tuski: 484-942- 9782 Delivery: 801 Walnut Lane Chester Springs, PA 19425	300		200			
West Whiteland Township 101 Commerce Drive Exton, PA 19341 Ed Culp: 610-633-6657 Steve Barrar: 610-880-6609 Delivery: 222 N. Pottstown Pike, Exton, PA 19341	1,600	70			25	

Willistown Township 688 Sugartown Road Malvern, PA 19355 George Martynick: 484-639- 3432 Jim Stiers: 610-656-2074 Delivery: 688 Sugartown Rd Exton, PA 19341	1,000					
TOTAL (TONS) NEEDED:	19,325	118	1,990	190	49	245

CONTRACT SHALL EXPIRE ONE YEAR FROM DATE OF AWARD

CONTRACTOR'S CERTIFICATION:

Proposal of _____
(Name of Company) (Address)

(City) (State) (ZIP) (Telephone) (Email)

Contact Numbers for Salt Orders _____
(Telephone) (Email)

Stockpile Location Nearest to Consortium:

(Address) (City) (State) (ZIP)

1. It is hereby certified as follows:

a. The only person(s) having an interest in this proposal is (are) included owner(s) of leased equipment:

b. None of the above persons are employees of the Municipalities.

c. This proposal is made without collusion with any other person, firm, or corporation.

d. All specifications referred to above have been examined by the supplier. The supplier understands that the quantities indicated herein are approximate and are subject to change as may be required, and that all work is payable on the basis of the unit prices listed on the Schedule of Prices (page 8).

2. **Accompanying this proposal is a certified check or bid bond in the amount of ten percent (10%), made payable to the Township of West Bradford, as a proposal guarantee** which, it is understood, will be forfeited in the case that the supplier fails to comply with the requirements of the proposal.

3. **The awarded supplier will provide the Municipality with a performance bond for each product (sodium chloride, solar salt and/or enhanced deicer) at 100% of contract amount, conditioned upon the faithful performance of the contract.**

4. **Each Municipality herein listed shall be named in the performance bond for its proportionate share**, and the exercise of this bond by any Municipality shall not exclude any other Municipality from doing the same, nor shall that be construed to be an enjoinder of all Municipalities to that action, unless so specified by each Municipality.

5. **Orders:** Each Municipality shall be responsible to place its own orders, receive shipments, check each delivery for compliance with these specifications, and make payment to the vendor. West Bradford Township will not be responsible for obligations of any other Municipality.

6. **Deliveries:** Shall be made to participating Municipalities within seven (7) calendar days of receipt of order. All salt shall be protected in transit by waterproof coverings. *Failure to deliver within specified time limit shall enable the Municipality to purchase from other sources and exercise all or any rights contained within the performance bond.*

CONTRACT SCHEDULE OF PRICES

Excess Quantity Provision: Provide pricing for FOB and Delivery of materials purchased over and above the estimated need per Municipality. The additional unit cost shall not be more than 20% of the base price.

	Quote Price FOB & Delivered for estimated needs per Municipality		Quote Price FOB & Delivered for quantity over estimated needs per Municipality	
	FOB Stockpile Unit Price	Delivered Unit Price	FOB Stockpile Unit Price	Delivered Unit Price
Sodium Chloride				
Solar Salt				
Enhanced Deicer				

FOR COMPANY:

SIGNATURE:

BY: _____ **Title** _____ **Date** _____

NAME: _____
(Please Print)

WITNESS OR ATTEST:

BY: _____ **Title** _____ **Date** _____

TO BE EXECUTED ONLY IN THE EVENT THE ABOVE PROPOSAL IS ACCEPTED:

ACCEPTED BY TOWNSHIP OF WEST BRADFORD:

SIGNATURE:

BY: _____ **Title** _____ **Date** _____

WITNESS OR ATTEST:

BY: _____ **Title** _____ **Date** _____

Total Amount of Contract: \$ _____

(Contract quoted on delivered unit price for estimated needs per Municipality.)

**PERFORMANCE BOND
(WITH CORPORATE SURETY)**

Performance Bond # _____

KNOW ALL MEN BY THESE PRESENTS, That we: _____

(Name & Address of Contractor)

as Principal and _____
(Surety Company Name)

a corporation incorporated under the laws of the State of _____
(Name of State)

as Surety, are held and firmly bound unto:

(list all participating municipalities)

in the full and just sum of \$ _____ dollars lawful money of the United States of America, to be paid proportionately to the above Municipalities of their assign, to which payment well and truly be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, assigns, jointly and severally, firmly by these presents.

WHEREAS, the above bounded Principal has entered into a contract with the above Municipalities, bearing even date herewith, for the undertaking of certain obligations as therein set forth.

NOW, THEREFORE, the condition of this obligation is such that if the above bounded Principal, as contractors, shall in all respects comply with and faithfully perform the terms and conditions referred to and made a part thereof, and such alterations as may be made in said specifications as therein provided, and shall well and truly, and in a manner satisfactory to the Municipalities, fulfill all obligations as therein set forth, then this obligation shall be void, but otherwise the same shall be and remain in full force, virtue and effect.

It is further provided that any alteration which may be made in the terms of the contract or its specifications with the express approval of the Municipalities of the Principal to the other, shall not in any way release the Principal and the Surety or either or any of them, their heirs, executors, administrators, successors or assigns from their liability hereunder, notice to the Surety of any such alteration forbearance being hereby waived.

IN WITNESS WHEREOF, the said Principal and Surety has duly executed this bond under the

Seal, on _____.
(Date of Bond)

SEAL

ATTEST BY: _____
(Contractor) *(Title)*

WITNESS: _____
(Title)

SEAL

ATTEST BY: _____
(Surety Company) *(Title)*

WITNESS: _____
(Title)