



The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at wvOASIS.gov. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at WVPurchasing.gov with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

Header 5

List View

- General Information
- Contact
- Default Values
- Discount
- Document Information
- Clarification Request

Procurement Folder: 1402041

Procurement Type: Central Master Agreement

Vendor ID: VS0000042894 

Legal Name: K-TECH SPECIALTY COATINGS LLC

Alias/DBA:

Total Bid: \$0.00

Response Date: 04/17/2024 

Response Time: 15:53

Responded By User ID: Ktech2023 

First Name: Kimberly

Last Name: Smith

Email: ksmith@ktechcoatings.con

Phone: 2605879113

SO Doc Code: CRFQ

SO Dept: 0803

SO Doc ID: DOT2400000087

Published Date: 4/12/24

Close Date: 4/18/24

Close Time: 13:30

Status: Closed

Solicitation Description: Beet Based Deicing Product

Total of Header Attachments: 5

Total of All Attachments: 5



Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

**State of West Virginia
 Solicitation Response**

Proc Folder: 1402041
Solicitation Description: Beet Based Deicing Product
Proc Type: Central Master Agreement

Solicitation Closes	Solicitation Response	Version
2024-04-18 13:30	SR 0803 ESR04172400000006122	1

VENDOR
 VS0000042894
 K-TECH SPECIALTY COATINGS LLC

Solicitation Number: CRFQ 0803 DOT2400000087
Total Bid: 0
Response Date: 2024-04-17
Response Time: 15:53:33
Comments:

FOR INFORMATION CONTACT THE BUYER

John W Estep
 304-558-2566
 john.w.estep@wv.gov

Vendor Signature X **FEIN#** **DATE**

All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	BeetHeat 275 gal tote	0.00000	EA	1375.000000	0.00

Comm Code	Manufacturer	Specification	Model #
46161506			

Commodity Line Comments: See Attachment A for individual District Pricing

Extended Description:

per tote

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	BeetHeat, 1000-2000 gal delivered	0.00000	GL	4.860000	0.00

Comm Code	Manufacturer	Specification	Model #
46161506			

Commodity Line Comments: See Attachment A for individual District Pricing

Extended Description:

Delivery Size Range: 1000-2000 gallons delivered

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
3	BeetHeat, 2001-4000 gal delivered	0.00000	GL	3.200000	0.00

Comm Code	Manufacturer	Specification	Model #
46161506			

Commodity Line Comments: See Attachment A for individual District Pricing

Extended Description:

Delivery Size Range: 2001-4000 gallons delivered

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
4	BeetHeat, 4001 or greater gal delivered	0.00000	GL	2.370000	0.00

Comm Code	Manufacturer	Specification	Model #
46161506			

Commodity Line Comments: See Attachment A for individual District Pricing

Extended Description:

Delivery Size Range: 4001 gallons or greater delivered

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
5	GeoMelt 55 275 gal tote	0.00000	EA		

Comm Code	Manufacturer	Specification	Model #
46161506			

Commodity Line Comments: No Bid

Extended Description:

per tote

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
6	GeoMelt 55 1000-2000 gal delivered	0.00000	GL		

Comm Code	Manufacturer	Specification	Model #
46161506			

Commodity Line Comments: No Bid

Extended Description:

Delivery Size Range: 1000-2000 gallons delivered

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
7	GeoMelt 55, 2001-4000 gal delivered	0.00000	GL		

Comm Code	Manufacturer	Specification	Model #
46161506			

Commodity Line Comments: No Bid

Extended Description:

Delivery Size Range: 2001-4000 gallons delivered

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
8	GeoMelt 55, 4001 or greater gal delivered	0.00000	GL		

Comm Code	Manufacturer	Specification	Model #
46161506			

Commodity Line Comments: No Bid

Extended Description:

Delivery Size Range: 4001 gallons or greater delivered

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
9	Demurrage, charged after 2 hour grace period, per each 1/4 H	0.00000	EA	50.000000	0.00

Comm Code	Manufacturer	Specification	Model #
76122401			

Commodity Line Comments:

Extended Description:

Demurrage, charged after 2 hour grace period, per each 1/4 H



Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

State of West Virginia
 Centralized Request for Quote
 Highways

Proc Folder: 1402041		Reason for Modification:	
Doc Description: Beet Based Deicing Product		ADDENDUM NO_1 Add D4 to solicitation revised Pricing Page attached. Vendor Questions and responses	
Proc Type: Central Master Agreement			
Date Issued	Solicitation Closes	Solicitation No	Version
2024-04-12	2024-04-18 13:30	CRFQ 0803 DOT2400000087	2

BID RECEIVING LOCATION

BID CLERK
 DEPARTMENT OF ADMINISTRATION
 PURCHASING DIVISION
 2019 WASHINGTON ST E
 CHARLESTON WV 25305
 US

VENDOR

Vendor Customer Code: VS0000042894

Vendor Name : K-Tech Specialty Coatings

Address : PO Box 428

Street : 111 W Garfield St

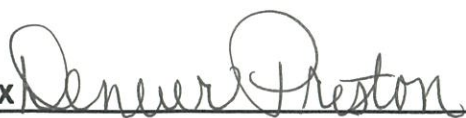
City : Ashley

State : IN **Country :** USA **Zip :** 46705

Principal Contact : Denver Preston

Vendor Contact Phone: 260-587-3888 **Extension:**

FOR INFORMATION CONTACT THE BUYER
 John W Estep
 304-558-2566
 john.w.estep@wv.gov

Vendor Signature X  **FEIN#** 26-1944999 **DATE** 4/17/2024

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION

ADDENDUM NO_1

Addendum No_1 issued to publish and distribute the attached information to the Vendor Community.

REQUEST FOR QUOTATION:

The West Virginia Purchasing Division is soliciting bids on behalf of the West Virginia Division of Highways to establish an open-end contract for Beet Based Deicing Products, for use for the treatment of roads and bridges throughout West Virginia. Per the Bid Requirements, Specifications, Terms and Conditions attached to this solicitation.

INVOICE TO		SHIP TO	
VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER		VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER	
No City US	WV	No City US	WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	BeetHeat 275 gal tote	0.00000	EA	See Attached	

Comm Code	Manufacturer	Specification	Model #
46161506			

Extended Description:

per tote

INVOICE TO		SHIP TO	
VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER		VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER	
No City US	WV	No City US	WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
2	BeetHeat, 1000-2000 gal delivered	0.00000	GL	See Attached	

Comm Code	Manufacturer	Specification	Model #
46161506			

Extended Description:

Delivery Size Range: 1000-2000 gallons delivered

INVOICE TO		SHIP TO	
VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER		VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER	
No City US	WV	No City US	WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
3	BeetHeat, 2001-4000 gal delivered	0.00000	GL	See Attached	

Comm Code	Manufacturer	Specification	Model #
46161506			

Extended Description:
Delivery Size Range: 2001-4000 gallons delivered

INVOICE TO		SHIP TO	
VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER		VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER	
No City US	WV	No City US	WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
4	BeetHeat, 4001 or greater gal delivered	0.00000	GL	See Attached	

Comm Code	Manufacturer	Specification	Model #
46161506			

Extended Description:
Delivery Size Range: 4001 gallons or greater delivered

INVOICE TO		SHIP TO	
VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER		VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER	
No City US	WV	No City US	WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
5	GeoMelt 55 275 gal tote	0.00000	EA	No Bid	

Comm Code	Manufacturer	Specification	Model #
46161506			

Extended Description:
per tote

INVOICE TO		SHIP TO	
VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER		VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER	
No City US	WV	No City US	WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
6	GeoMelt 55 1000-2000 gal delivered	0.00000	GL	No Bid	

Comm Code	Manufacturer	Specification	Model #
46161506			

Extended Description:
Delivery Size Range: 1000-2000 gallons delivered

INVOICE TO		SHIP TO	
VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER		VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER	
No City US	WV	No City US	WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
7	GeoMelt 55, 2001-4000 gal delivered	0.00000	GL	No Bid	

Comm Code	Manufacturer	Specification	Model #
46161506			

Extended Description:
Delivery Size Range: 2001-4000 gallons delivered

INVOICE TO		SHIP TO	
VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER		VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER	
No City US	WV	No City US	WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
8	GeoMelt 55, 4001 or greater gal delivered	0.00000	GL	No Bid	

Comm Code	Manufacturer	Specification	Model #
46161506			

Extended Description:
Delivery Size Range: 4001 gallons or greater delivered

INVOICE TO		SHIP TO	
VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER		VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER	
No City US	WV	No City US	WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
9	Demurrage, charged after 2 hour grace period, per each 1/4 H	0.00000	EA	\$50.00 per 1/4 H	

Comm Code	Manufacturer	Specification	Model #
76122401			

Extended Description:

Demurrage, charged after 2 hour grace period, per each 1/4 H

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
1	Tech Questions due by 10:00am	2024-04-12

SOLICITATION NUMBER: CRFQ DOT2400000087

Addendum Number: 1

The purpose of this addendum is to modify the solicitation identified as CRFQ DOT2400000087 (“Solicitation”) to reflect the change(s) identified and described below.

Applicable Addendum Category:

- Modify bid opening date and time
- Modify specifications of product or service being sought
- Attachment of vendor questions and responses
- Attachment of pre-bid sign-in sheet
- Correction of error
- Other

Additional Documentation:

District 4 has been added to the solicitation, Revised Pricing Sheet attached.

Bid Opening remains 04/18/2024 at 1:30pm

Terms and Conditions:

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

Solicitation Number #CRFQ 0803 DOT2400000087

Responses to Questions from Vendors

NOTE: An additional District, **District 4, has been added to this solicitation** via this Addendum. Attachment A (ATT A) has been revised to reflect this addition.

Question 1

Regarding "Instructions to Vendors Submitting Bids" #10, the box IS checked. I am confused. Will the State accept alternate brands that are at least equal to and comply with the brand specified in the bid? Please advise.

Answer 1

Vendors may bid contract items that meet or exceed the mandatory requirements in the specifications. The WVDOH shall, at its sole discretion, decide if a proposed equal is an acceptable equivalent to the product being bid. The Terms and Conditions have been revised to remove this check mark.

Section 3.2.4 of the Contract Specifications explains the criteria for any proposed "equal to" items bid. It states the following:

3.2.4 "Equal To" Proposals: If proposing an "equal to" brand of Beet Based Deicing Product to the proposed brands on ATT A, vendor must list the brand name of the equal to product bid on the appropriate Contract Item line of the Pricing Pages (ATT A). Vendors must provide adequate product information to demonstrate the equivalency of the proposed product. The WVDOH shall, at its sole discretion, decide if a proposed "equal to" is an acceptable equivalent to the product brand being bid on.

3.2.4.1 Beet Heet® proposed equals shall meet or exceed the requirements of 3.2.1 and 3.2.2.

3.2.4.2 GeoMelt 55® proposed equals shall meet or exceed the requirements of 3.2.1 and 3.2.3.

Please note that the vendor must provide documentation that demonstrates/proves the equivalency of the product bid, in addition to the documentation required in Section 3.2.5.

(continued)

Question 1

We received the WVDOH deicer solicitation this morning. Is there any chance that you could send me the delivery addresses to all of the potential delivery locations in Districts 1, 8 and 9?

Answer 1

Below is a list of potential delivery locations. Please note that this list is not all inclusive. The actual delivery locations will be listed on the ADO at the time of order:

District 1

- 3134 Amma Rd., Amma WV 25005
- 2702 Jackson Ave., Point Pleasant, WV 25550
- 401 Champion Dr., Charleston, WV 25309
- 2910 Winfield Rd., St. Albans, WV 25177
- 36 Allens Fork Rd., Charleston, WV 25320

District 4

- 1993 Smithton Rd, West Union, WV 26456
- 119 Railcross Rd, Clarksburg, WV 26301
- 851 N. Streetcar Way, Lost Creek, WV 26385
- 281 Tunnel Hill Rd, Salem, WV 26426
- 916 Country Club Rd, Fairmont, WV 26554
- 1396 E. Main St., Mannington, WV 26582
- 95 Goshen Rd., Morgantown, WV 26508
- 1510 Grafton Rd., Morgantown, WV 26508
- 42 Clovis Bridge Rd, Pentress, WV 26544
- 360 Rt. 73/73, Bruceton Mills, WV 26525
- 1912 St. Joe Rd., Albright, WV 26519
- 23236 George Washington HWY, Aurora, WV 26705
- 14115 N. Preston HWY, Bruceton Mills, WV 26525
- 5213 George Washington HWY, Tunnelton, WV 26444
- 32353 Veterans Memorial HWY, Terra Alta, WV 26764
- 1340 Trap Springs Rd., Grafton, WV 26354

District 8

- 15933 Appalachian Highway, Thomas, WV 26292
- 489 Leading Creek Rd, Montrose, WV 26283

District 9

- I64 297 John Bowling JR Lane, WSS, WV 24986
- Muddlety WV-55, Summersville, WV 26651
- Nicholas DF 2084 Webster Rd, Summersville, WV 26651

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CRFO DOT240000087

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

K-Tech Specialty Coatings

Company


Authorized Signature

4/17/2024

Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.

Beet Based Deicing Solution
ATTACHMENT A PRICING PAGE (ATT A)

VENDOR NAME: K-Tech Specialty Coatings

	Contract Item #	Description	Est. Qty	Unit of Measure	Delivery Size Range	List Price
DISTRICT 8: Pendleton, Pocahontas, Randolph and Tucker counties	1	BeetHeat 275 gallon tote. <i>Proposed Equal:</i>	20	Each	-----	\$ 1,375.00
	2	BeetHeat, per gallon delivered.	0	Gallon	1000-2000	\$ 4.86
	3	<i>Proposed Equal:</i>	0	Gallon	2001-4000	\$ 3.20
	4	Note: If buying 4,600 gallons, price will be \$2.26 per gallon	0	Gallon	4001 or greater	\$ 2.37
	5	GeoMelt® 55 Liquid Organic Additive 275 gallon tote. <i>Proposed Equal:</i>	20	Each	-----	No Bid
	6	GeoMelt® 55 Liquid Organic Additive, per gallon delivered.	0	Gallon	1000-2000	No Bid
	7	<i>Proposed Equal:</i>	0	Gallon	2001-4000	No Bid
	8		0	Gallon	4001 or greater	No Bid
	9	Demurrage, charged after 2 hour grace period, per each 1/4 Hour	0	Each	-----	\$ 50.00

DISTRICT 9: Fayette, Greenbrier, Monroe, Nicholas and Summers counties	1	BeetHeat 275 gallon tote. <i>Proposed Equal:</i>	40	Each	-----	\$ 1,375.00
	2	BeetHeat, per gallon delivered.	0	Gallon	1000-2000	\$ 4.86
	3	<i>Proposed Equal:</i>	0	Gallon	2001-4000	\$ 3.20
	4	NOTE: If buying 4,600 gallon loads, price will be \$2.26 per gallon	20,000	Gallon	4001 or greater	\$ 2.37
	5	GeoMelt® 55 Liquid Organic Additive 275 gallon tote. <i>Proposed Equal:</i>	40	Each	-----	No Bid
	6	GeoMelt® 55 Liquid Organic Additive, per gallon delivered.	0	Gallon	1000-2000	No Bid
	7	<i>Proposed Equal:</i>	0	Gallon	2001-4000	No Bid
	8		20,000	Gallon	4001 or greater	No Bid
	9	Demurrage, charged after 2 hour grace period, per each 1/4 Hour	0	Each	-----	\$ 50.00

GENERAL TERMS AND CONDITIONS:

1. CONTRACTUAL AGREEMENT: Issuance of an Award Document signed by the Purchasing Division Director, or his designee, and approved as to form by the Attorney General's office constitutes acceptance by the State of this Contract made by and between the State of West Virginia and the Vendor. Vendor's signature on its bid, or on the Contract if the Contract is not the result of a bid solicitation, signifies Vendor's agreement to be bound by and accept the terms and conditions contained in this Contract.

2. DEFINITIONS: As used in this Solicitation/Contract, the following terms shall have the meanings attributed to them below. Additional definitions may be found in the specifications included with this Solicitation/Contract.

2.1. "Agency" or "Agencies" means the agency, board, commission, or other entity of the State of West Virginia that is identified on the first page of the Solicitation or any other public entity seeking to procure goods or services under this Contract.

2.2. "Bid" or "Proposal" means the vendors submitted response to this solicitation.

2.3. "Contract" means the binding agreement that is entered into between the State and the Vendor to provide the goods or services requested in the Solicitation.

2.4. "Director" means the Director of the West Virginia Department of Administration, Purchasing Division.

2.5. "Purchasing Division" means the West Virginia Department of Administration, Purchasing Division.

2.6. "Award Document" means the document signed by the Agency and the Purchasing Division, and approved as to form by the Attorney General, that identifies the Vendor as the contract holder.

2.7. "Solicitation" means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.

2.8. "State" means the State of West Virginia and/or any of its agencies, commissions, boards, etc. as context requires.

2.9. "Vendor" or "Vendors" means any entity submitting a bid in response to the Solicitation, the entity that has been selected as the lowest responsible bidder, or the entity that has been awarded the Contract as context requires.

3. CONTRACT TERM; RENEWAL; EXTENSION: The term of this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below:

Term Contract

Initial Contract Term: The Initial Contract Term will be for a period of One Year. The Initial Contract Term becomes effective on the effective start date listed on the first page of this Contract, identified as the State of West Virginia contract cover page containing the signatures of the Purchasing Division, Attorney General, and Encumbrance clerk (or another page identified as _____), and the Initial Contract Term ends on the effective end date also shown on the first page of this Contract.

Renewal Term: This Contract may be renewed upon the mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any request for renewal should be delivered to the Agency and then submitted to the Purchasing Division thirty (30) days prior to the expiration date of the initial contract term or appropriate renewal term. A Contract renewal shall be in accordance with the terms and conditions of the original contract. Unless otherwise specified below, renewal of this Contract is limited to Three (3) successive one (1) year periods or multiple renewal periods of less than one year, provided that the multiple renewal periods do not exceed the total number of months available in all renewal years combined. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's office (Attorney General approval is as to form only)

Alternate Renewal Term – This contract may be renewed for _____ successive _____ year periods or shorter periods provided that they do not exceed the total number of months contained in all available renewals. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's office (Attorney General approval is as to form only)

Delivery Order Limitations: In the event that this contract permits delivery orders, a delivery order may only be issued during the time this Contract is in effect. Any delivery order issued within one year of the expiration of this Contract shall be effective for one year from the date the delivery order is issued. No delivery order may be extended beyond one year after this Contract has expired.

Fixed Period Contract: This Contract becomes effective upon Vendor's receipt of the notice to proceed and must be completed within _____ days.

Fixed Period Contract with Renewals: This Contract becomes effective upon Vendor's receipt of the notice to proceed and part of the Contract more fully described in the attached specifications must be completed within _____ days. Upon completion of the work covered by the preceding sentence, the vendor agrees that:

the contract will continue for _____ years;

the contract may be renewed for _____ successive _____ year periods or shorter periods provided that they do not exceed the total number of months contained in all available renewals. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's Office (Attorney General approval is as to form only).

One-Time Purchase: The term of this Contract shall run from the issuance of the Award Document until all of the goods contracted for have been delivered, but in no event will this Contract extend for more than one fiscal year.

Construction/Project Oversight: This Contract becomes effective on the effective start date listed on the first page of this Contract, identified as the State of West Virginia contract cover page containing the signatures of the Purchasing Division, Attorney General, and Encumbrance clerk (or another page identified as _____), and continues until the project for which the vendor is providing oversight is complete.

Other: Contract Term specified in _____

4. AUTHORITY TO PROCEED: Vendor is authorized to begin performance of this contract on the date of encumbrance listed on the front page of the Award Document unless either the box for "Fixed Period Contract" or "Fixed Period Contract with Renewals" has been checked in Section 3 above. If either "Fixed Period Contract" or "Fixed Period Contract with Renewals" has been checked, Vendor must not begin work until it receives a separate notice to proceed from the State. The notice to proceed will then be incorporated into the Contract via change order to memorialize the official date that work commenced.

5. QUANTITIES: The quantities required under this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below.

Open End Contract: Quantities listed in this Solicitation/Award Document are approximations only, based on estimates supplied by the Agency. It is understood and agreed that the Contract shall cover the quantities actually ordered for delivery during the term of the Contract, whether more or less than the quantities shown.

Service: The scope of the service to be provided will be more clearly defined in the specifications included herewith.

Combined Service and Goods: The scope of the service and deliverable goods to be provided will be more clearly defined in the specifications included herewith.

One-Time Purchase: This Contract is for the purchase of a set quantity of goods that are identified in the specifications included herewith. Once those items have been delivered, no additional goods may be procured under this Contract without an appropriate change order approved by the Vendor, Agency, Purchasing Division, and Attorney General's office.

Construction: This Contract is for construction activity more fully defined in the specifications.

6. EMERGENCY PURCHASES: The Purchasing Division Director may authorize the Agency to purchase goods or services in the open market that Vendor would otherwise provide under this Contract if those goods or services are for immediate or expedited delivery in an emergency. Emergencies shall include, but are not limited to, delays in transportation or an unanticipated increase in the volume of work. An emergency purchase in the open market, approved by the Purchasing Division Director, shall not constitute a breach of this Contract and shall not entitle the Vendor to any form of compensation or damages. This provision does not excuse the State from fulfilling its obligations under a One-Time Purchase contract.

7. REQUIRED DOCUMENTS: All of the items checked in this section must be provided to the Purchasing Division by the Vendor as specified:

LICENSE(S) / CERTIFICATIONS / PERMITS: In addition to anything required under the Section of the General Terms and Conditions entitled Licensing, the apparent successful Vendor shall furnish proof of the following licenses, certifications, and/or permits upon request and in a form acceptable to the State. The request may be prior to or after contract award at the State's sole discretion.

The apparent successful Vendor shall also furnish proof of any additional licenses or certifications contained in the specifications regardless of whether or not that requirement is listed above.

8. INSURANCE: The apparent successful Vendor shall furnish proof of the insurance identified by a checkmark below prior to Contract award. The insurance coverages identified below must be maintained throughout the life of this contract. Thirty (30) days prior to the expiration of the insurance policies, Vendor shall provide the Agency with proof that the insurance mandated herein has been continued. Vendor must also provide Agency with immediate notice of any changes in its insurance policies, including but not limited to, policy cancelation, policy reduction, or change in insurers. The apparent successful Vendor shall also furnish proof of any additional insurance requirements contained in the specifications prior to Contract award regardless of whether that insurance requirement is listed in this section.

Vendor must maintain:

Commercial General Liability Insurance in at least an amount of: 1,000,000.00 per occurrence.

Automobile Liability Insurance in at least an amount of: _____ per occurrence.

Professional/Malpractice/Errors and Omission Insurance in at least an amount of: _____ per occurrence. Notwithstanding the forgoing, Vendor's are not required to list the State as an additional insured for this type of policy.

Commercial Crime and Third Party Fidelity Insurance in an amount of: _____ per occurrence.

Cyber Liability Insurance in an amount of: _____ per occurrence.

Builders Risk Insurance in an amount equal to 100% of the amount of the Contract.

Pollution Insurance in an amount of: _____ per occurrence.

Aircraft Liability in an amount of: _____ per occurrence.

9. WORKERS' COMPENSATION INSURANCE: Vendor shall comply with laws relating to workers compensation, shall maintain workers' compensation insurance when required, and shall furnish proof of workers' compensation insurance upon request.

10. VENUE: All legal actions for damages brought by Vendor against the State shall be brought in the West Virginia Claims Commission. Other causes of action must be brought in the West Virginia court authorized by statute to exercise jurisdiction over it.

11. LIQUIDATED DAMAGES: This clause shall in no way be considered exclusive and shall not limit the State or Agency's right to pursue any other available remedy. Vendor shall pay liquidated damages in the amount specified below or as described in the specifications:

_____ for _____.

Liquidated Damages Contained in the Specifications.

Liquidated Damages Are Not Included in this Contract.

12. ACCEPTANCE: Vendor's signature on its bid, or on the certification and signature page, constitutes an offer to the State that cannot be unilaterally withdrawn, signifies that the product or service proposed by vendor meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise indicated, and signifies acceptance of the terms and conditions contained in the Solicitation unless otherwise indicated.

13. PRICING: The pricing set forth herein is firm for the life of the Contract, unless specified elsewhere within this Solicitation/Contract by the State. A Vendor's inclusion of price adjustment provisions in its bid, without an express authorization from the State in the Solicitation to do so, may result in bid disqualification. Notwithstanding the foregoing, Vendor must extend any publicly advertised sale price to the State and invoice at the lower of the contract price or the publicly advertised sale price.

14. PAYMENT IN ARREARS: Payments for goods/services will be made in arrears only upon receipt of a proper invoice, detailing the goods/services provided or receipt of the goods/services, whichever is later. Notwithstanding the foregoing, payments for software maintenance, licenses, or subscriptions may be paid annually in advance.

15. PAYMENT METHODS: Vendor must accept payment by electronic funds transfer and P-Card. (The State of West Virginia's Purchasing Card program, administered under contract by a banking institution, processes payment for goods and services through state designated credit cards.)

16. TAXES: The Vendor shall pay any applicable sales, use, personal property or any other taxes arising out of this Contract and the transactions contemplated thereby. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.

17. ADDITIONAL FEES: Vendor is not permitted to charge additional fees or assess additional charges that were not either expressly provided for in the solicitation published by the State of West Virginia, included in the Contract, or included in the unit price or lump sum bid amount that Vendor is required by the solicitation to provide. Including such fees or charges as notes to the solicitation may result in rejection of vendor's bid. Requesting such fees or charges be paid after the contract has been awarded may result in cancellation of the contract.

18. FUNDING: This Contract shall continue for the term stated herein, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise made available, this Contract becomes void and of no effect beginning on July 1 of the fiscal year for which funding has not been appropriated or otherwise made available. If that occurs, the State may notify the Vendor that an alternative source of funding has been obtained and thereby avoid the automatic termination. Non-appropriation or non-funding shall not be considered an event of default.

19. CANCELLATION: The Purchasing Division Director reserves the right to cancel this Contract immediately upon written notice to the vendor if the materials or workmanship supplied do not conform to the specifications contained in the Contract. The Purchasing Division Director may also cancel any purchase or Contract upon 30 days written notice to the Vendor in accordance with West Virginia Code of State Rules § 148-1-5.2.b.

20. TIME: Time is of the essence regarding all matters of time and performance in this Contract.

21. APPLICABLE LAW: This Contract is governed by and interpreted under West Virginia law without giving effect to its choice of law principles. Any information provided in specification manuals, or any other source, verbal or written, which contradicts or violates the West Virginia Constitution, West Virginia Code, or West Virginia Code of State Rules is void and of no effect.

22. COMPLIANCE WITH LAWS: Vendor shall comply with all applicable federal, state, and local laws, regulations and ordinances. By submitting a bid, Vendor acknowledges that it has reviewed, understands, and will comply with all applicable laws, regulations, and ordinances.

SUBCONTRACTOR COMPLIANCE: Vendor shall notify all subcontractors providing commodities or services related to this Contract that as subcontractors, they too are required to comply with all applicable laws, regulations, and ordinances. Notification under this provision must occur prior to the performance of any work under the contract by the subcontractor.

23. ARBITRATION: Any references made to arbitration contained in this Contract, Vendor's bid, or in any American Institute of Architects documents pertaining to this Contract are hereby deleted, void, and of no effect.

24. MODIFICATIONS: This writing is the parties' final expression of intent. Notwithstanding anything contained in this Contract to the contrary no modification of this Contract shall be binding without mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any change to existing contracts that adds work or changes contract cost, and were not included in the original contract, must be approved by the Purchasing Division and the Attorney General's Office (as to form) prior to the implementation of the change or commencement of work affected by the change.

25. WAIVER: The failure of either party to insist upon a strict performance of any of the terms or provision of this Contract, or to exercise any option, right, or remedy herein contained, shall not be construed as a waiver or a relinquishment for the future of such term, provision, option, right, or remedy, but the same shall continue in full force and effect. Any waiver must be expressly stated in writing and signed by the waiving party.

26. SUBSEQUENT FORMS: The terms and conditions contained in this Contract shall supersede any and all subsequent terms and conditions which may appear on any form documents submitted by Vendor to the Agency or Purchasing Division such as price lists, order forms, invoices, sales agreements, or maintenance agreements, and includes internet websites or other electronic documents. Acceptance or use of Vendor's forms does not constitute acceptance of the terms and conditions contained thereon.

27. ASSIGNMENT: Neither this Contract nor any monies due, or to become due hereunder, may be assigned by the Vendor without the express written consent of the Agency, the Purchasing Division, the Attorney General's office (as to form only), and any other government agency or office that may be required to approve such assignments.

28. WARRANTY: The Vendor expressly warrants that the goods and/or services covered by this Contract will: (a) conform to the specifications, drawings, samples, or other description furnished or specified by the Agency; (b) be merchantable and fit for the purpose intended; and (c) be free from defect in material and workmanship.

29. STATE EMPLOYEES: State employees are not permitted to utilize this Contract for personal use and the Vendor is prohibited from permitting or facilitating the same.

30. PRIVACY, SECURITY, AND CONFIDENTIALITY: The Vendor agrees that it will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the Agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the Agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in www.state.wv.us/admin/purchase/privacy.

31. YOUR SUBMISSION IS A PUBLIC DOCUMENT: Vendor's entire response to the Solicitation and the resulting Contract are public documents. As public documents, they will be disclosed to the public following the bid/proposal opening or award of the contract, as required by the competitive bidding laws of West Virginia Code §§ 5A-3-1 et seq., 5-22-1 et seq., and 5G-1-1 et seq. and the Freedom of Information Act West Virginia Code §§ 29B-1-1 et seq.

DO NOT SUBMIT MATERIAL YOU CONSIDER TO BE CONFIDENTIAL, A TRADE SECRET, OR OTHERWISE NOT SUBJECT TO PUBLIC DISCLOSURE.

Submission of any bid, proposal, or other document to the Purchasing Division constitutes your explicit consent to the subsequent public disclosure of the bid, proposal, or document. The Purchasing Division will disclose any document labeled "confidential," "proprietary," "trade secret," "private," or labeled with any other claim against public disclosure of the documents, to include any "trade secrets" as defined by West Virginia Code § 47-22-1 et seq. All submissions are subject to public disclosure without notice.

32. LICENSING: In accordance with West Virginia Code of State Rules § 148-1-6.1.e, Vendor must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agency or political subdivision. Obligations related to political subdivisions may include, but are not limited to, business licensing, business and occupation taxes, inspection compliance, permitting, etc. Upon request, the Vendor must provide all necessary releases to obtain information to enable the Purchasing Division Director or the Agency to verify that the Vendor is licensed and in good standing with the above entities.

SUBCONTRACTOR COMPLIANCE: Vendor shall notify all subcontractors providing commodities or services related to this Contract that as subcontractors, they too are required to be licensed, in good standing, and up-to-date on all state and local obligations as described in this section. Obligations related to political subdivisions may include, but are not limited to, business licensing, business and occupation taxes, inspection compliance, permitting, etc. Notification under this provision must occur prior to the performance of any work under the contract by the subcontractor.

33. ANTITRUST: In submitting a bid to, signing a contract with, or accepting a Award Document from any agency of the State of West Virginia, the Vendor agrees to convey, sell, assign, or transfer to the State of West Virginia all rights, title, and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to Vendor.

34. VENDOR NON-CONFLICT: Neither Vendor nor its representatives are permitted to have any interest, nor shall they acquire any interest, direct or indirect, which would compromise the performance of its services hereunder. Any such interests shall be promptly presented in detail to the Agency.

35. VENDOR RELATIONSHIP: The relationship of the Vendor to the State shall be that of an independent contractor and no principal-agent relationship or employer-employee relationship is contemplated or created by this Contract. The Vendor as an independent contractor is solely liable for the acts and omissions of its employees and agents. Vendor shall be responsible for selecting, supervising, and compensating any and all individuals employed pursuant to the terms of this Solicitation and resulting contract. Neither the Vendor, nor any employees or subcontractors of the Vendor, shall be deemed to be employees of the State for any purpose whatsoever. Vendor shall be exclusively responsible for payment of employees and contractors for all wages and salaries, taxes, withholding payments, penalties, fees, fringe benefits, professional liability insurance premiums, contributions to insurance and pension, or other deferred compensation plans, including but not limited to, Workers' Compensation and Social Security obligations, licensing fees, etc. and the filing of all necessary documents, forms, and returns pertinent to all of the foregoing.

Vendor shall hold harmless the State, and shall provide the State and Agency with a defense against any and all claims including, but not limited to, the foregoing payments, withholdings, contributions, taxes, Social Security taxes, and employer income tax returns.

36. INDEMNIFICATION: The Vendor agrees to indemnify, defend, and hold harmless the State and the Agency, their officers, and employees from and against: (1) Any claims or losses for services rendered by any subcontractor, person, or firm performing or supplying services, materials, or supplies in connection with the performance of the Contract; (2) Any claims or losses resulting to any person or entity injured or damaged by the Vendor, its officers, employees, or subcontractors by the publication, translation, reproduction, delivery, performance, use, or disposition of any data used under the Contract in a manner not authorized by the Contract, or by Federal or State statutes or regulations; and (3) Any failure of the Vendor, its officers, employees, or subcontractors to observe State and Federal laws including, but not limited to, labor and wage and hour laws.

37. NO DEBT CERTIFICATION: In accordance with West Virginia Code §§ 5A-3-10a and 5-22-1(i), the State is prohibited from awarding a contract to any bidder that owes a debt to the State or a political subdivision of the State. By submitting a bid, or entering into a contract with the State, Vendor is affirming that (1) for construction contracts, the Vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, neither the Vendor nor any related party owe a debt as defined above, and neither the Vendor nor any related party are in employer default as defined in the statute cited above unless the debt or employer default is permitted under the statute.

38. CONFLICT OF INTEREST: Vendor, its officers or members or employees, shall not presently have or acquire an interest, direct or indirect, which would conflict with or compromise the performance of its obligations hereunder. Vendor shall periodically inquire of its officers, members and employees to ensure that a conflict of interest does not arise. Any conflict of interest discovered shall be promptly presented in detail to the Agency.

39. REPORTS: Vendor shall provide the Agency and/or the Purchasing Division with the following reports identified by a checked box below:

Such reports as the Agency and/or the Purchasing Division may request. Requested reports may include, but are not limited to, quantities purchased, agencies utilizing the contract, total contract expenditures by agency, etc.

Quarterly reports detailing the total quantity of purchases in units and dollars, along with a listing of purchases by agency. Quarterly reports should be delivered to the Purchasing Division via email at purchasing.division@wv.gov.

40. BACKGROUND CHECK: In accordance with W. Va. Code § 15-2D-3, the State reserves the right to prohibit a service provider's employees from accessing sensitive or critical information or to be present at the Capitol complex based upon results addressed from a criminal background check. Service providers should contact the West Virginia Division of Protective Services by phone at (304) 558-9911 for more information.

41. PREFERENCE FOR USE OF DOMESTIC STEEL PRODUCTS: Except when authorized by the Director of the Purchasing Division pursuant to W. Va. Code § 5A-3-56, no contractor may use or supply steel products for a State Contract Project other than those steel products made in the United States. A contractor who uses steel products in violation of this section may be subject to civil penalties pursuant to W. Va. Code § 5A-3-56. As used in this section:

- a. "State Contract Project" means any erection or construction of, or any addition to, alteration of or other improvement to any building or structure, including, but not limited to, roads or highways, or the installation of any heating or cooling or ventilating plants or other equipment, or the supply of and materials for such projects, pursuant to a contract with the State of West Virginia for which bids were solicited on or after June 6, 2001.
- b. "Steel Products" means products rolled, formed, shaped, drawn, extruded, forged, cast, fabricated or otherwise similarly processed, or processed by a combination of two or more or such operations, from steel made by the open heath, basic oxygen, electric furnace, Bessemer or other steel making process.
- c. The Purchasing Division Director may, in writing, authorize the use of foreign steel products if:
 1. The cost for each contract item used does not exceed one tenth of one percent (.1%) of the total contract cost or two thousand five hundred dollars (\$2,500.00), whichever is greater. For the purposes of this section, the cost is the value of the steel product as delivered to the project; or
 2. The Director of the Purchasing Division determines that specified steel materials are not produced in the United States in sufficient quantity or otherwise are not reasonably available to meet contract requirements.

42. PREFERENCE FOR USE OF DOMESTIC ALUMINUM, GLASS, AND STEEL: In Accordance with W. Va. Code § 5-19-1 et seq., and W. Va. CSR § 148-10-1 et seq., for every contract or subcontract, subject to the limitations contained herein, for the construction, reconstruction, alteration, repair, improvement or maintenance of public works or for the purchase of any item of machinery or equipment to be used at sites of public works, only domestic aluminum, glass or steel products shall be supplied unless the spending officer determines, in writing, after the receipt of offers or bids, (1) that the cost of domestic aluminum, glass or steel products is unreasonable or inconsistent with the public interest of the State of West Virginia, (2) that domestic aluminum, glass or steel products are not produced in sufficient quantities to meet the contract requirements, or (3) the available domestic aluminum, glass, or steel do not meet the contract specifications. This provision only applies to public works contracts awarded in an amount more than fifty thousand dollars (\$50,000) or public works contracts that require more than ten thousand pounds of steel products.

The cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than twenty percent (20%) of the bid or offered price for foreign made aluminum, glass, or steel products. If the domestic aluminum, glass or steel products to be supplied or produced in a “substantial labor surplus area”, as defined by the United States Department of Labor, the cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than thirty percent (30%) of the bid or offered price for foreign made aluminum, glass, or steel products. This preference shall be applied to an item of machinery or equipment, as indicated above, when the item is a single unit of equipment or machinery manufactured primarily of aluminum, glass or steel, is part of a public works contract and has the sole purpose or of being a permanent part of a single public works project. This provision does not apply to equipment or machinery purchased by a spending unit for use by that spending unit and not as part of a single public works project.

All bids and offers including domestic aluminum, glass or steel products that exceed bid or offer prices including foreign aluminum, glass or steel products after application of the preferences provided in this provision may be reduced to a price equal to or lower than the lowest bid or offer price for foreign aluminum, glass or steel products plus the applicable preference. If the reduced bid or offer prices are made in writing and supersede the prior bid or offer prices, all bids or offers, including the reduced bid or offer prices, will be reevaluated in accordance with this rule.

43. INTERESTED PARTY SUPPLEMENTAL DISCLOSURE: W. Va. Code § 6D-1-2 requires that for contracts with an actual or estimated value of at least \$1 million, the Vendor must submit to the Agency a disclosure of interested parties prior to beginning work under this Contract. Additionally, the Vendor must submit a supplemental disclosure of interested parties reflecting any new or differing interested parties to the contract, which were not included in the original pre-work interested party disclosure, within 30 days following the completion or termination of the contract. A copy of that form is included with this solicitation or can be obtained from the WV Ethics Commission. This requirement does not apply to publicly traded companies listed on a national or international stock exchange. A more detailed definition of interested parties can be obtained from the form referenced above.

44. PROHIBITION AGAINST USED OR REFURBISHED: Unless expressly permitted in the solicitation published by the State, Vendor must provide new, unused commodities, and is prohibited from supplying used or refurbished commodities, in fulfilling its responsibilities under this Contract.

45. VOID CONTRACT CLAUSES: This Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law.

46. ISRAEL BOYCOTT: Bidder understands and agrees that, pursuant to W. Va. Code § 5A-3-63, it is prohibited from engaging in a boycott of Israel during the term of this contract.

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

(Printed Name and Title) Denver Preston - National Sales Manager

(Address) PO Box 428, Ashley, IN 46705

(Phone Number) / (Fax Number) 260-587-9113 / 260-587-3237

(email address) dpreston@ktechcoatings.com

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation/Contract in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation/Contract for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that this bid or offer was made without prior understanding, agreement, or connection with any entity submitting a bid or offer for the same material, supplies, equipment or services; that this bid or offer is in all respects fair and without collusion or fraud; that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; that I am authorized by the Vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on Vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law; and that pursuant to W. Va. Code 5A-3-63, the entity entering into this contract is prohibited from engaging in a boycott against Israel.

K-Tech Specialty Coatings
(Company)

Denver Preston
(Signature of Authorized Representative)

Denver Preston - National Sales Manager 4/15/2024
(Printed Name and Title of Authorized Representative) (Date)

260-587-9113 / 260-587-3237
(Phone Number) (Fax Number)

dpreston@ktechcoatings.com
(Email Address)

REQUEST FOR QUOTATION
Beet Based Deicing Products

SPECIFICATIONS

1. **PURPOSE AND SCOPE:** The West Virginia Purchasing Division is soliciting bids on behalf of the West Virginia Division of Highways to establish an open-end contract for Beet Based Deicing Products, for use for the treatment of roads and bridges throughout West Virginia.

2. **DEFINITIONS:** The terms listed below shall have the following meanings assigned to them throughout and for the purpose of this Solicitation. Additional definitions can be found in Section 2 of the General Terms and Conditions.
 - 2.1 **“ADO” and “Agency Delivery Order”** - A written order entered by WVDOH personnel in the wvOASIS financial system against a master agreement, authorizing quantities of commodities and/or services to be delivered in accordance with all terms, conditions, and prices stipulated in the original contract.

 - 2.2 **“Contract Item(s)”** - The list of items available for Vendor to provide pricing as identified in Section 3.2 of this Solicitation and referenced throughout.

 - 2.3 **“Contractor” or “Vendor”** - Interchangeably used throughout this Solicitation and in any cited Sections of the West Virginia Department of Transportation, Division of Highways Standard Specifications, Roads and Bridges, adopted latest Standard Specs edition, as amended, including any Supplementals and refers to any entity submitting a bid in response to the Solicitation, the entity that has been selected as the lowest responsible bidder, or the entity that has been awarded the Contract, as context requires.

 - 2.4 **“Emergency Work”** – Work or orders required to be done without delay owing to circumstances for which the WVDOH could not have reasonably expected and has been designated as such by a representative of the WVDOH.

 - 2.5 **“FOB” or “Free on Board”** - Indicates that the price for goods includes delivery at the Vendor’s expense to a specified point, and that the Vendor retains liability for loss or damage until the goods are delivered.

 - 2.6 **“Liquidated Damages”** - monetary compensation due from the Vendor in the event the Vendor’s performance falls short of contractual stipulation or breaches the contract. Delays in the delivery of goods and/or services or quality failures or corrections by the Vendor may result in the Agency assessing charges for such deficiencies per these contract Specifications, the Standard Specs Section 108.7, as amended, and calculated from the table posted in Section 6.3.1 of these Specifications.

 - 2.7 **“Pricing Pages,” “Attachment A,” and “ATT A”** - The schedule of prices attached hereto as Attachment A (ATT A) and used to evaluate Solicitation responses.

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- 2.8 “Solicitation” - The official notice of an opportunity to supply the State with goods or services.
- 2.9 “Standard Specs” - used throughout this solicitation means the West Virginia Department of Transportation, Division of Highways Standard Specifications, Roads and Bridges, most recent edition, as modified or amended by all subsequent Supplemental Specifications.
- 2.10 “WVDOH” or “Agency” - Interchangeable terms for the West Virginia Division of Highways.

3. GENERAL REQUIREMENTS:

- 3.1 **Standard Specifications Roads and Bridges:** The following Standard Specs Sections shall apply, as applicable, to the administration of this contract: 101, 102, 103, 104, 105, 106, 107, 108, 109, and 110, as amended.

Free electronic copies of the Standard Specs and Supplementals are available at: <https://transportation.wv.gov/highways/TechnicalSupport/specifications/Pages/default.aspx>. Hard copies of these publications may be purchased from Technical Support Division by completing the Specification Order Form provided within the website.

- 3.2 **Contract Items and Mandatory Requirements:** Vendor shall provide Agency with the Contract Items listed below on an open-end and continuing basis. Contract Items must meet or exceed the mandatory requirements as shown below. Bid price shall be all inclusive and include any incidental expenses resulting from the delivery of Contract Items.

NOTE: Delivery expenses must be included in the bid price, per unit of measure bid. Bids submitted with a separate delivery price will be disqualified.

- 3.2.1 **Beet Based Deicing Products**, as listed on ATT A, or their proposed equal to product, should be bid in 275-gallon totes, and/or in one-gallon increments to be delivered in bulk by tanker based on the overall size range of the delivery. Tanker deliveries shall have a minimum order quantity of 1000 gallons per ADO. Bid price shall include delivery expenses within the unit of measure cost.

3.2.1.1 Beet Based Deicing Products must be a liquid that may be added to a salt or brine solution to lower freezing temperatures.

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3.2.1.2 Beet Based Deicing Products must adhere to roads longer than brine or salt solutions alone. Beet Based Deicing Products shall reduce bounce and scatter loss in rock salt applications.

3.2.1.3 Beet Based Deicing Products bid shall have a minimum freezing point of -22° F.

3.2.1.4 Beet Based Deicing Products bid shall not contain more than 55% solids by volume.

3.2.1.5 Beet Based Deicing Products bid should reduce full application rates of salts solutions by a minimum of 30%.

3.2.1.6 Beet Based Deicing Products bid should not be corrosive to bridges, bridge decks and concrete.

3.2.2 **Beet Heet®** is a liquid sugar (beet molasses) and chloride solution that can be added to rock salt or brine or can be applied directly to roads as a direct liquid application, with or without rock salt or brine.

Non-Exothermic Chloride Content by Weight 6.4% +/-1%
(NaCl)(KCl)

Exothermic Chloride Content by Weight 15% +/-1%
(CaCl₂)(MgCl₂)

3.2.3 **GeoMelt 55® Liquid Organic Accelerator** is a de-sugared beet juice which can be added to rock salt or brine for anti-ice/deicing purposes.

3.2.4 **“Equal To” Proposals:** If proposing an “equal to” brand of Beet Based Deicing Product to the proposed brands on ATT A, vendor must list the brand name of the equal to product bid on the appropriate Contract Item line of the Pricing Pages (ATT A). Vendors must provide adequate product information to demonstrate the equivalency of the proposed product. The WVDOH shall, at its sole discretion, decide if a proposed “equal to” is an acceptable equivalent to the product brand being bid on.

3.2.4.1 **Beet Heet®** proposed equals shall meet or exceed the requirements of 3.2.1 and 3.2.2.

3.2.4.2 **GeoMelt 55®** proposed equals shall meet or exceed the requirements of 3.2.1 and 3.2.3.

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- 3.2.5 Required Documentation:** Vendors shall provide a Technical Data Sheet (TDS) and a Safety Data Sheet (SDS) for all bid products prior to award. The Purchasing Division may contact the Vendor if more information is needed. Failure to provide requested information within 5 calendar days of the Purchasing Division's request shall result in the disqualification of the affected bid.
- 3.2.6 Demurrage:** Should the Vendor require demurrage fees for delays by the WVDOH in the loading/unloading of Contract Items to designated WVDOH storage sites, a two (2) hour grace period (the initial loading/unloading time) shall be included in the pricing of all contract items. Vendor shall bid one price per District for each additional one-quarter (1/4) hour of loading/unloading time following the initial two (2) hour grace period.
- 3.2.7 Emergency Request:** Emergency request as ordered by WVDOH District Engineer, or their designee is work that shall be initiated within forty-eight (48) hours from when the order is received by the vendor. The determination of emergency work will be in accordance with Section 2.4 of this Solicitation and prominently noted on ADO. Designated emergency requests will be paid at 1.50 times the vendor's bid price.

4. CONTRACT AWARD:

- 4.1 Contract Award:** The Contract is intended to provide Agencies with a purchase price on all Contract Items. This is a multiple vendor award contract. A contract will be awarded to the lowest bidding vendor, per product, per District, which meet all mandatory requirements of this Contract.
- 4.2 Pricing Pages, Attachment A ("ATT A"):** Vendor shall complete the Pricing Pages by identifying any and all Districts they wish to bid on at the top of ATT A. Vendors shall factor into their bid prices all equipment, materials, delivery, and labor required to provide Contract Items. Vendors may bid on any or all Contract Items, and any or all Districts. If bid pricing differs from one District to another, Vendor should submit multiple sets of Pricing Pages, ATT A, one for each differing set of pricing. Vendor shall complete the Pricing Pages for each Contract Item bid in their entirety as failure to do so may result in Vendor's bids being disqualified. All bids or pricing submitted shall be held and honored by the Vendor for 90 days after the bid opening date.
- 4.2.1** The Pricing Pages contain a list of Contract Items. The estimated purchase volume for each item represents the approximate volume of anticipated purchases only. No future use of the Contract or any individual item is guaranteed or implied.

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4.2.2 Vendors should type or electronically enter the information into the Pricing Pages spreadsheet to prevent errors in the evaluation. In most cases, the Pricing Pages are available in wvOASIS within the solicitation attachments, however, Vendors may request an electronic copy of the Pricing Pages spreadsheet for bid purposes by sending an email request to the following address: John.W.Estep@wv.gov.

4.2.3 Changing a column or row description, Contract Item description, unit of measure, or estimated quantities on the **Pricing Pages, Attachment A (ATT A)**, shall result in the disqualification of Contract Item bid on the altered line. In circumstances when all Contract Items must be bid for bid evaluation and contract award, the disqualification of any Contract Item will result in the disqualification of the entire bid.

Submitting Pricing Pages other than those provided with this solicitation, as described in Section 4.2 shall result in the disqualification of Vendor's bid in its entirety.

Vendor entries of bid prices or other notations made in wvOASIS commodity line descriptions will not be considered for bid evaluation or award.

4.3 Contract Award Transition: Upon award of this contract, the WVDOH Operations Division will announce the effective date of use of this contract to the Districts and the Vendors, whether it is by the effective date, the completed and encumbered date, or an established date by the WVDOH. Upon the announced effective date of use, any order issued prior to the award of the contract shall remain in effect and should not be cancelled until that order is filled; however, after 10 working days of the Districts and Vendors notice, any order that has not been completely filled by the Vendors shall NOT be completed and a cancellation notice will be sent to that Vendor from the issuing District for cancellation of the balance of that order only. No orders from prior contracts should be held open by the Districts or Vendors longer than 10 working days after the effective date of use is announced for the new contract.

4.4 Cooperative Contracting: The purchase prices on all Contract Items herein, available for the WVDOH, shall be adoptable for other public agencies upon their request. Agencies under the authority of the West Virginia Purchasing Division must receive prior approval by the Purchasing Director.

REQUEST FOR QUOTATION
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5. ORDERING AND PAYMENT:

5.1 Ordering: Vendor shall accept orders through regular mail, facsimile, email, or any other written forms of communication. Vendor shall maintain and keep current its phone numbers, fax number, email address, locations, and ordering/billing/payment addresses with WVDOH and in wvOASIS. Vendor may, but is not required to, accept online orders through a secure internet ordering portal/website. If Vendor can accept online orders, it shall include in its response a brief description of how Agencies may utilize the online ordering system. Vendor shall ensure that its online ordering system is properly secured prior to processing Agency orders online.

5.2 Agency Delivery Order (“ADO”): District personnel must issue an ADO from wvOASIS for specific quantities of materials based on each project’s requirements and detailing the need and location information of work to be completed per Contract Items, as well as the start and end dates, which will become the agreed upon official start and end dates. The ADO must be created in wvOASIS and approved to “Final” prior to placing the order with the Vendor. The District is responsible for creating the ADO in wvOASIS and is required to submit the approved order, in writing, directly to the Vendor via mail, email or fax. **Verbal communication with the Vendor is not considered an official order.** In the event the Vendor denies an order or if there are changes to an ADO, the District must process a change order to the approved ADO issued from wvOASIS.

Emergencies shall be prominently noted on the ADO. Once complete, the ADO shall be sent to Vendor via fax, email, or mail.

5.3 Payment: Upon completion of the work indicated on the ADO, Vendor shall accept payment in accordance with the payment procedures of the State of West Virginia. The State of West Virginia currently utilizes a Purchasing Card program, administered under contract by a banking institution, as well as Electronic Funds Transfer as methods to process payment for goods and services. The Vendor shall accept the State of West Virginia’s Purchasing Card and Electronic Funds Transfer for payment of orders under this Contract. Electronic Funds Transfer for payment is available through the WV State Auditor’s Office. The Vendor may visit the WV State Auditor’s website (wvsao.gov) for all necessary forms and instructions. Payment method may be dictated at WVDOH’s discretion.

6. PROJECT ACCEPTANCE, DELIVERY AND RETURN:

6.1 Project Acceptance and Written Verification of Receipt: Upon receipt of a WVDOH ADO, the Vendor shall advise the WVDOH in writing within five (5) calendar days of their acceptance or refusal of the ADO. As verification of receipt, **Vendor must provide written acknowledgement of any ADO’s and**

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any Revisions/Modifications thereto sent by WVDOH. Failure to provide the WVDOH with written acknowledgement of any ADOs/Revisions within five (5) days of the Order being sent shall be considered refusal of the ADO. In the event of refusal, the WVDOH at its own discretion shall cancel the ADO and may seek to obtain the goods or services from the next low bid Vendor or proceed with an emergency purchase from the open market.

- 6.2 Delivery Time:** Vendor shall deliver standard orders 10 working days after orders are received, or upon the date negotiated between WVDOH and the Vendor. Vendor shall deliver emergency orders within two (2) working day(s) after orders are received, or upon the expedited timeframe negotiate between WVDOH and the Vendor. Vendor shall ship all orders in accordance with the above schedule and shall not hold orders until a minimum delivery quantity is met.
- 6.3 Late Delivery:** The Agency placing the order under this Contract must be notified in writing if orders will be delayed for any reason. Any delay in delivery that could cause harm to an Agency will be grounds for cancellation of the delayed order, and/or obtaining the items ordered from another awarded vendor or proceeding with an Emergency Purchase from the open market.

The Agency placing the ADO under this Contract must be notified **in writing by the Vendor no later than five (5) business days prior to the scheduled delivery date from the Agency's order.** Any failure to notify, acknowledge receipt of WVDOH's written ADOs/ Revisions resulting in delivery delay, or failure to start or complete the project per the WVDOH scheduled due dates may be determined by the WVDOH at its sole discretion as harmful to the Agency and as such, shall result in WVDOH's cancellation of the ADO and application of Liquidated Damages.

Any Agency seeking to obtain items from the open market under this provision must first obtain approval of the West Virginia Purchasing Division.

- 6.3.1 Liquidated Damages:** If the Vendor's work completion or corrections of deficient work exceeds the ADO completion due date or timeframe, the Vendor shall agree that no extension of contract time will be granted unless Liquidated Damages are applied by the WVDOH in the form of an off-set reduction to the total amount of the Vendor's final invoice. The WVDOH shall calculate Liquidated Damages per project beginning on day one (1) after the WVDOH's specified ADO due date and in accordance with this Section, the Contract's Terms and Conditions, Standard Specs Section 108.7, and the following Standard Specs Section Table 108.7.1 - Schedule of Liquidated Damages, as amended:

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Table 108.7.1
Schedule of Liquidated Damages

Original Contract Amount		Daily Charges Per Calendar Day
For More Than	To and Including	
\$0	\$500,000	\$350
\$500,000	\$2,000,000	\$650
\$2,000,000	\$10,000,000	\$1,600
\$10,000,000	\$25,000,000	\$3,100
\$25,000,000		\$4,200

6.3.2 Force Majeure: It shall be further noted that the Vendor is not responsible for and shall not be penalized for delays in its delivery of goods and/or services when caused by factors or events outside Vendor's control, including but not limited to acts or omissions of the Agency or third parties, acts of civil or military authority, civil disturbance, war, terrorism, pandemics, explosions, fire, floods, tornadoes, or other natural disasters or acts of God.

6.4 Delivery Payment/Risk of Loss: Standard order delivery shall be F.O.B. destination to the Agency's location. Vendor shall include the cost/discount of standard order delivery charges in its bid pricing and is not permitted to charge the Agency separately for such delivery. The Agency will pay delivery charges on all emergency orders provided that Vendor invoices those delivery costs as a separate charge with the original freight bill attached to the invoice.

Deliveries made by the vendor shall be comprised only of Contract Items intended for delivery at that location and specified in the pricing pages, contract specifications or ADO. At no time shall property belonging to the West Virginia Department of Transportation be utilized as a lay-down or storage facility by the vendor, or items left with the intention of being distributed to an alternate location.

6.5 Return of Unacceptable Items: The decision of the WVDOH District Engineer or their designee regarding materials, workmanship, quality etc., shall be final per Standard Specs Section 105.1, as amended. If the Agency deems the Contract Items to be unacceptable, the Contract Items shall be returned to Vendor at Vendor's expense and with no restocking charge. Vendor shall either arrange for the return within five (5) days of being notified that items are unacceptable or permit the Agency to arrange for the return and reimburse Agency for delivery expenses. If the original packaging cannot be utilized for the return, Vendor will supply the Agency with appropriate return packaging upon request. All returns of unacceptable items shall be F.O.B. the Agency's location. The returned product shall either be replaced, or the Agency shall receive full credit or refund for the purchase price, at the Agency's discretion.

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6.6 Return Due to Agency Error: Items ordered in error by the Agency will be returned for credit within 30 days of receipt, F.O.B. Vendor's location. Vendors shall not charge a restocking fee if returned products are in resalable condition. Items shall be deemed to be in a resalable condition if they are unused and in the original packaging. Any restocking fee for items not in a resalable condition shall be the lower of the Vendor's customary restocking fee or 5% of the total invoiced value of the returned items.

7. VENDOR DEFAULT:

7.1 The following shall be considered a vendor default under this Contract.

7.1.1 Failure to provide Contract Items in accordance with the requirements contained herein.

7.1.2 Failure to comply with other specifications and requirements contained herein.

7.1.3 Failure to comply with any laws, rules, and ordinances applicable to the Contract Services provided under this Contract.

7.1.4 Failure to remedy deficient performance upon request.

7.2 The following remedies shall be available to Agency upon default.

7.2.1 Immediate cancellation of the Contract.

7.2.2 Immediate cancellation of one or more release orders issued under this Contract.

7.2.3 Any other remedies available in law or equity.

8. MISCELLANEOUS:

8.1 No Substitutions: Vendor shall supply only Contract Items submitted in response to the Solicitation unless a contract modification is approved in accordance with the provisions contained in this Contract.

8.2 Vendor Supply: Vendor must carry sufficient inventory of the Contract Items being offered to fulfill its obligations under this Contract. By signing its bid, Vendor certifies that it can supply the Contract Items contained in its bid response.

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8.3 Reports: Vendor shall provide the Agency with quarterly reports, annual summaries, and/or monthly reports as requested by the Agency and/or the West Virginia Purchasing Division showing quantities, total dollar value of the Contract Items purchased, ordered, shipped & invoiced with dates in spreadsheet format as defined by the Agency. Failure to supply such reports may be grounds for cancellation of this Contract.

8.4 Contract Manager: During its performance of this Contract, Vendor must designate and maintain a primary contract manager responsible for overseeing Vendor's responsibilities under this Contract. The Contract Manager must be available during normal business hours to address any customer service or other issues related to this Contract. Vendor should list its Contract Manager and his or her contact information below.

Contract Manager: Denver Preston
Telephone Number: o: 260-587-3888 c: 260-585-0332
Fax Number: 260-587-3237
Email Address: dpreston@ktechcoatings.com

Vendor shall inform the Agency in writing of any changes to the information provided above within 10 calendar days of such changes. Failure to comply may be grounds for cancellation of this contract.

BEET HEET[®]

TECHNICAL DATA SHEET

DESCRIPTION

BEET HEET[®] Concentrate (BHC) is an organic based, corrosion inhibited, liquid deicer. BHC is a ready-to-use salt stockpile treatment. BHC can also be cut 50/50 with low cost 23.3% Sodium Chloride (NaCl) brine to create BEET HEET[®] Severe (BHS) a low cost, high performance, salt pre-wetting agent or direct application deicer/anti-icer.

COMPOSITION

- Beet Molasses (Liquid Sugar)
- Calcium Chloride (Liquid CaCl₂) (Exothermic Chloride)
- Magnesium Chloride (Liquid MgCl₂) (Exothermic Chloride)
- Potassium Chloride (Liquid KCl) (Non-exothermic Chloride)
- Sodium Chloride (Liquid NaCl) (Non-exothermic Chloride)

PERFORMANCE

- BHC, contains more total active ingredient than any deicer in North America.
- BHC and BHS have greater ice melt capacities than 32% CaCl₂, 28% MgCl₂, and “beet juice” deicers, at all temperature ranges.
- BHC and BHS provide far superior anti-bonding and residual effects than 32% CaCl₂, 28% MgCl₂, and 23.3% NaCl deicers.

ENVIRONMENT

- BHC and BHS have passed the rigorous testing standards of the Pacific Northwest Snowfighters and are **listed on the Clear Roads Qualified Products List**.
- BHC is **99% biodegradable**, and achieves the “**readily biodegradable**” criteria by day 8.
- BHC when blended with 23.3% NaCl brine 50/50 has a BOD (**Biochemical Oxygen Demand**) of “ND” (**NOT DETECTABLE**) at 4°C (39.2°F).
- Due to superior ice melting and residual performance, no other salt pre-wetting agent in North America can **reduce chloride emissions** as much as BHC and BHS.

TYPICAL PROPERTIES

Appearance	Dark Brown Liquid
pH	6.0 – 8.0
Specific Gravity	1.29 +/- .015
Lbs. Per Gallon	10.75 +/- 0.15
Solids Content	(39% wt/wt) (51% wt/vol) +/- 2%
Odor	Chocolate/Syrup/Coffee.



SAFETY DATA SHEET

1. IDENTIFICATION

Product Identifier	ORGANIC BASED CALCIUM CHLORIDE DEICER
Other means of identification:	Liquid Deicer
SDS Number:	18-014
Synonyms:	BEET HEET CONCENTRATE, BEET HEET MODERATE, BEET HEET SEVERE, BEET HEET SUPER SEVERE, BEET HEET TYPICAL, BEET HEET HOT SAND FORMULA
Recommended Uses:	ANTI-ICING AND DEICING ROAD SURFACES
Recommended Restrictions:	NONE
Manufacturer/Distributor:	K-TECH SPECIALTY COATINGS, INC. (INDIANA)
Address:	111 West Garfield St. (P.O. Box 428) Ashley, IN. 46705
Phone Number:	260-587-3888
Fax Number:	260-587-3889
General Information:	260-587-3888
24 hr Emergency Assistance:	1-574-383-7061

2. HAZARD(S) IDENTIFICATION

GHS Classification(s):	Eye Corrosion/Irritation Category 2B-Mild Irritant Skin Corrosion/Irritation Category 3-Mild Irritant
GHS Label Elements:	
Symbol:	NONE
Signal Word:	WARNING
Hazard Statement:	Causes eye irritation. Causes mild skin irritation.

Precautionary Statement:

Prevention: Avoid getting product in eyes by thoroughly washing any exposed skin that may have come in contact with product while handling.
Wear eye/face protection.
Wash any exposed skin that may have come in contact with product after handling.
Wear protective gloves/clothing.

Response: IF IN EYES: Rinse with water for several minutes. Remove contact lenses if present and continue flushing.
IF EYE IRRITATION PERSISTS: Get medical advice/attention.
IF SKIN IRRITATION OR RASH OCCURS: Get medical advice/attention.

Storage: No specific requirements related to storage.
Product carried over from previous season should be recirculated prior to the start of a new winter maintenance season.

Disposal: No specific requirements related to Disposal.

3. COMPOSITION/INGREDIENT DISCLOSURE		
COMPONENTS:		
Chemical Identity:	CAS Number	%
Calcium Chloride:	10043-52-4	Proprietary
Agricultural Based Organic:	68476-78-8	Proprietary
Sodium Chloride:	7647-14-5	Proprietary
Magnesium Chloride:	7786-30-3	Proprietary
Potassium Chloride:	7447-40-7	Proprietary

4. FIRST AID MEASURES

Eye: Flush with water for 15 minutes. If irritation persist, seek medical attention.

Skin: Wash with soap and water.

Ingestion: If only a small quantity has been ingested, DO NOT induce vomiting. Rinse mouth with water and drink 1 or 2 glasses of water. Seek medical attention if victim feels unwell. If a large amount has been ingested, DO NOT induce vomiting and call a poison center or physician immediately.

Inhalation: If irritation occurs from inhalation overexposure, move victim to fresh air and seek medical attention if victim feels unwell.

First Aid Facilities: Eye wash facilities and safety showers are recommended.

5. FIREFIGHTING MEASURES

Flash Point: N/A

Boiling Point: >200°F

Lower Explosive Limit: N/A

Upper Explosive Limit: N/A

Suitable Extinguishing Media: Product is a stable, non-combustible liquid that unlikely to burn. Use extinguishing agent to put out surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

No special precautions. Contain spills to prevent contamination of water supply or sanitary sewer system. Dispose of according to local requirements.

7. HANDLING AND STORAGE

Handling And Storage Precautions: Practice reasonable care and caution.

Conditions for safe storage, including any incompatibilities.

No additional precautions required.

Work/Hygienic Practices: Skin contact and the breathing of mists, fumes, or vapors should be reduced to a minimum to avoid any ill effects. Wash exposed skin to avoid dermatitis. Consider the use of lanolin skin treatments before handling or working around deicing mixtures.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Occupational Exposure Limits

US.OSHA Table Z-2 (29 CFR 1910.1000)

Components	OSHA	ACGIH	NIOSH
Calcium Chloride (CAS 10043-52-4)	PEL- Not established for this material.	TLV, BEI- Not established for this material.	Exposure limits not established for this material
Agricultural Based Organic (CAS 68476-78-8)	PEL- Not established for this material.	TLV, BEI- Not established for this material.	Exposure limits not established for this material
Sodium Chloride (CAS 7647-14-5)	PEL- Not established for this material.	TWA, STEL- Not established for this material	Exposure limits not established for this material
Magnesium Chloride (CAS 7786-30-3)	PEL- Not established for this material.	TLV, BEI- Not established for this material.	Exposure limits not established for this material
Potassium Chloride (CAS 7440-09-7)	PEL- Not established for this material.	TWA, STEL- Not established for this material	Exposure limits not established for this material
0	#N/A	#N/A	#N/A

PERSONAL PROTECTION MEASURES

Eye/Face Protection: Safety goggles or chemical splash goggles.

Skin Protection: Oil impervious gloves, such as Neoprene or PVC, if frequent or prolonged contact is expected.

Respiratory Protection:	Respiratory protection is not normally required under normal conditions and adequate ventilation. If high vapors are expected, use respirator approved for organic vapors. Observe respirator protection factor criteria cited in ANSI Z88.2 (1980) and other OSHA requirements found in 29 CFR 1910.134.
Other/General Protection:	Wear body covering clothes to avoid prolonged or repeated exposure. Launder before reuse.
ENGINEERING CONTROLS:	As required

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Dark Brown Liquid
PHYSICAL STATE:	Liquid Mixture
ODOR:	Odor similar to chocolate, coffee, molasses or syrup.
ODOR THRESHOLD:	N/A
PH:	pH Factor: 6-8
FREEZE POINT:	-23.8 °F to -10°F
BOILING POINT/RANGE:	Boiling Point: 212 °F
FLASH POINT:	N/A
EVAPORATION RATE:	Not tested by manufacturer.
FLAMMABILITY (SOLID, GAS):	N/A
UPPER/LOWER FLAMMABILITY/EXPLOSIVE LIMITS:	N/A
VAPOR PRESSURE:	N/A
VAPOR DENSITY:	N/A
RELATIVE DENSITY:	1.20-1.30
SOLUBILITY WITH WATER:	Complete
PARTITION COEFFICIENT'S- OCTANE/WATER:	N/A
AUTO-IGNITION TEMPERATURE:	N/A
DECOMPOSITION TEMPERATURE:	Not tested by manufacturer.
SPECIFIC GRAVITY:	1.20-1.30

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY:	This Product is stable at ambient temperatures.
POSSIBILITY OF HAZARDOUS REACTIONS:	Low
CONDITIONS TO AVOID:	Avoid extreme temperatures
INCOMPATIBLE MATERIALS:	Slightly corrosive to metals.
HAZARDOUS DECOMPOSITION PRODUCTS:	Avoid contact with strong acids.

11. TOXICOLOGICAL INFORMATION

Routes of Possible Exposure

Ingestion:	<ul style="list-style-type: none">• Breathing of mists, fumes, or vapors should be reduced to a minimum to avoid any ill effects.
Inhalation:	<ul style="list-style-type: none">• Chronic health effects would not be expected as long as good hygiene and proper safety precautions are practiced and exposures are less than the TLVs/RELs.
Skin Contact:	<ul style="list-style-type: none">• After using material or being around fumes, wash exposed skin with soap and water.
Eye Contact:	<ul style="list-style-type: none">• Chronic human health effects would not be expected as long as good personal hygiene and proper safety precautions are practiced.

Symptoms - Physical, Chemical, Toxicological Characteristics

Information on Toxicological Effects: Under normal working conditions, negative health effects would not be expected. With extended exposure to bare skin, product may cause drying/cracking of exposed skin. Wash exposed skin and apply moisturizing cream or ointment.

Numerical Measures of Toxicity:	EPA Method 1000.0, N.O.E.C.-0.03g/L
	EPA Method 1000.0, L.O.E.C.-0.25g/L
	EPA method 1000.0, IC50-0.10 gm/l
	EPA Method 1002.0, N.O.E.C.-1.0 g/L
	EPA Method 1002.0, L.O.E.C.-3.0 g/L
	EPA Method 1002.0, IC50-2.4602 gm/l
	EPA Method 1003.0, N.O.E.C.-0.03g/L

EPA Method 1003.0, L.O.E.C.-0.25g/L

EPA Method 1003.0, IC50>3.0 gm/l

12. ECOLOGICAL INFORMATION

Ecotoxicity-Aquatic & Terrestrial:	Not listed as a marine pollutant on HMT 172.101
Persistence & Degradability:	Readily Bio-degradable in 8 days. 99% Bio-degradable in 28 days.
Bio-accumulative Potential:	Not significant
Mobility In Soil:	No testing has been performed by the manufacturer.
Other Adverse Effects:	N/A

13. DISPOSAL CONSIDERATIONS

	Check local, state and federal requirements for disposal of large amounts of waste or contaminated soil.
RCRA Information:	This material, if discarded as produced, is not a RCRA "listed" hazardous waste. Use which results in chemical or physical change or contamination may subject it to regulation as a hazardous waste. It is the responsibility of the generator to fully characterize for toxicity and other RCRA parameters prior to disposal (40 CFR 261). Along with properly characterizing all waste materials, consult state and local regulations regarding proper disposal of this material.

14. TRANSPORT INFORMATION

UN Number:	This product as produced and shipped is not considered a hazardous material by the U.S. Department of Transportation.
Proper Shipping Name:	NOT LISTED
Hazardous Classification:	NON-REGULATED
Packing Group:	NON-REGULATED
Environmental Hazards:	N/A
Transport in Bulk:	N/A
Special Provisions:	N/A
Special Precautions:	N/A

Packaging Exceptions: N/A
Packaging Non-Bulk: N/A

15. REGULATORY INFORMATION

U.S. Regulatory Information: Toxic Substances Control Act: This product is not listed on the US TSCA Chemical Inventory Section 8(b).
Clean Water Act: Organic based, chloride salt deicers are not considered hazardous if released into navigable waters.
OSHA Hazard Communication: See individual state requirements for Right-To-Know lists.

SARA Hazard Classes: NONE
NONE

NFPA RATING: HEALTH: 1
FLAMABILITY: 0
REACTIVITY: 0

16. OTHER INFORMATION

Read this MSDS before use or disposal of this product. Pass along the information to employees and any other persons who could potentially be exposed to the product to be sure that they are aware of the information before use or other exposure.

This material safety data sheet and the information herein is offered in good faith as accurate. The information has been compiled from sources considered to be reliable and accurate to the best of our knowledge, but is not guaranteed to be so. Health and safety precautions in this data sheet may not be adequate for all individuals under all circumstances. It is the users obligation to evaluate and use this product safely and to comply with all applicable laws and regulations whether they be federal, state, or local. No warranty is made, either expressed or implied through the issuance of this MSDS.

SDS PREPARED: 5/28/2015
REVISION DATE: 7/11/2019