# State of Nebraska - INVITATION TO BID CONTRACT

 Date
 6/25/20
 Page
 1 of 1

 Solicitation Number
 6324 OF

 Opening Date and Time
 08/07/20
 2:00:00 pm

 Buyer
 BRENDA SENSIBAUGH (AS)

Return to: State Purchasing Bureau 1526 K Street, Suite 130 Lincoln, Nebraska 68508

Telephone: 402-471-6500 Fax: 402-471-2089

#### **DESTINATION OF GOODS**

MULTIPLE DELIVERY LOCATIONS
PLEASE REFER TO DOCUMENTATION
FOR DELIVERY ADDRESSES.

Per Nebraska' s Transparency in Government Procurement Act, DAS is required to collect statistical information regarding the number of contracts awarded to Nebraska contractors. This information is for statistical purposes only and will not be considered for contract award purposes.

NEBRASKA CONTRACTOR AFFIDAVIT: Bidder hereby attests that bidder is a Nebraska Contractor. "Nebraska Contractor" shall mean any bidder who has maintained a bona fide place of business and at least one employee within this state for at least the six (6) months immediately preceding the posting date of this ITB.

\_\_\_\_\_ I hereby certify that I am a Resident disabled veteran or business located in a designated enterprise zone in accordance with Neb. Rev. Stat. §73-107 and wish to have preference, if applicable, considered in the award of this contract.

Contract to supply and deliver Corrosion Inhibited Liquid Magnesium Chloride (Clear Roads Product Category 1) to the State of Nebraska as per the attached specifications for a one (1) year period from date of award. The contract may be renewed for four (4) additional one (1) year periods when mutually agreeable to the vendor and the State of Nebraska.

(06/25/20 ml)

#### INVITATION

#### Line Description

1 LIQUID DEICING PRODUCTS
SEE ATTACHMENT A FOR BIDDING

BIDDER	MUST	COMPLETE	THE FOL	LOWING
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By signing this Invitation to Bid form, the bidder guarantees compliance with the provisions stated in this Invitation to Bid, agrees to the terms and conditions unless otherwise agreed to (see Section III) and certifies that bidder maintains a drug free work place environment. Vendor will furnish the items requested within 15-30 days after receipt of order. Failure to enter Delivery Date may cause quotation to be REJECTED.

Sign
Here (Authorized Signature MANDATORY - MUST BE SIGNED IN INK)
VENDOR#

**Enter Contact Information Below** 

VENDOR#
VENDOR:
BlackStrap Inc
Address:
PO, Box 258
Neligh, Ne 68756

Telephone 402-887-5658
Facsimile

Email fed blackstrapinc.com

#### **INVITATION TO BID**

#### Number 6324 OF

The State of Nebraska (State), Department of Administrative Services (DAS), Materiel Division, State Purchasing Bureau (SPB), is issuing this ITB for a commodity contract, ITB Number 6324 OF for the purpose of selecting a qualified Contractor to provide **Corrosion Inhibited Liquid Magnesium Chloride (Clear Roads Product Category 1)**. A more detailed description can be found in Section VI. The resulting contract may not be an exclusive contract as the State reserves the right to contract for the same or similar goods from other sources now or in the future.

The term of the contract will be ONE (1) year commencing upon execution of the contract by the State and the Contractor. The Contract includes the option to renew for FOUR (4) additional ONE (1) year periods upon mutual agreement of the Parties. (The State reserves the right to extend the period of this contract beyond the termination date when mutually agreeable to the Parties).

#### INFORMATION PERTINENT TO THIS ITB CAN BE FOUND ON THE INTERNET AT:

http://das.nebraska.gov/materiel/purchasing.html

An optional Pre-Bid Conference will be held on July 22, 2020 at 2:00 PM via Zoom. https://us02web.zoom.us/j/81193555723?pwd=RS9ZL1ZUNTZONkIML2VoYmtzZnU2dz09

Meeting ID: 811 9355 5723

Password: 1nnwR3

**IMPORTANT NOTICE**: Pursuant to Neb. Rev. Stat. § 84-602.02, State contracts in effect as of January 1, 2014, and contracts entered into thereafter, must be posted to a public website. The resulting contract, the solicitation, and the and the awarded bid will be posted to a public website managed by DAS, which can be found at:

#### https://statecontracts.nebraska.gov

In addition and in furtherance of the State's public records statute (Neb. Rev. Stat. § 84-712 et seq.) all bids or responses received regarding this ITB will be posted to the SPB website.

These postings will include the entire bid or response. Contractor must request that proprietary information be excluded from the posting. The Bidder must identify the proprietary information, mark the proprietary information according to state law, and submit the proprietary information in a separate container or envelope marked conspicuously using an indelible method with the words "PROPRIETARY INFORMATION" or as a separate electronic file. The Bidder must submit a **detailed written document showing** that the release of the proprietary information would give a business advantage to named business competitor(s) and explain how the named business competitor(s) will gain an actual business advantage by disclosure of information. The mere assertion that information is proprietary or that a speculative business advantage might be gained is not sufficient. (See Attorney General Opinion No. 92068, April 27, 1992) THE BIDDER MAY NOT ASSERT THAT THE ENTIRE BID IS PROPRIETARY. COST WILL NOT BE CONSIDERED PROPRIETARY AND IS A PUBLIC RECORD IN THE STATE OF NEBRASKA. The State will then determine, in its sole discretion, if the disclosure of the information designated by the Bidder as proprietary would 1) give advantage to the business competitors and 2) serve no public purpose. The Bidder will be notified of the State's decision. Absent a determination by the State that the information may be withheld pursuant to Neb. Rev. Stat. § 84-712.05, the State will consider all information a public record subject to disclosure.

If the agency determines it is required to release proprietary information, the Bidder will be informed. It will be the Bidder's responsibility to defend the Bidder's asserted interest in non-disclosure.

To facilitate such public postings, with the exception of proprietary information, the State of Nebraska reserves a royalty-free, nonexclusive, and irrevocable right to copy, reproduce, publish, post to a website, or otherwise use any contract, proposal, or response to this ITB for any purpose, and to authorize others to use the documents. Any individual or entity awarded a contract, or who submits a bid to this solicitation, specifically waives any copyright or other protection the contract or bid to the ITB may have; and, acknowledges that they have the ability and authority to enter into such waiver. This reservation and waiver is a prerequisite for submitting a bid to this ITB, and award of a contract. Failure to agree to the reservation and waiver will result in the bid to the ITB being found non-responsive and rejected.

Any entity awarded a contract or submitting a bid to the ITB agrees not to sue, file a claim, or make a demand of any kind, and will indemnify and hold harmless the State and its employees, volunteers, agents, and its elected and appointed officials from and against any and all claims, liens, demands, damages, liability, actions, causes of action, losses, judgments, costs, and expenses of every nature, including investigation costs and expenses, settlement costs, and attorney fees and expenses, sustained or asserted against the State, arising out of, resulting from, or attributable to the posting of the contract or the bids to the solicitation, awards, and other documents.

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# **GLOSSARY OF TERMS**

Acceptance Test Procedure: Benchmarks and other performance criteria, developed by the State or other sources of testing standards, for measuring the effectiveness of products or goods and the means used for testing such performance

Addendum: Something to be added or deleted to an existing document; a supplement

After Receipt of Order (ARO): After Receipt of Order

Agency: Using agencies shall mean and include all officers of the state, departments, bureaus, boards, commissions, councils, and institutions receiving legislative appropriations

Agent/Representative: A person authorized to act on behalf of another

Amend: To alter or change by adding, subtracting, or substituting

Amendment: A written correction or alteration to a document

Appropriation: Legislative authorization to expend public funds for a specific purpose. Money set apart for a specific use

Automated Clearing House (ACH): Electronic network for financial transactions in the United States

Award: All purchases, leases, or contracts which are based on competitive bids will be awarded according to the provisions in the ITB

Best and Final Offer (BAFO): In a competitive bid, the final offer submitted which contains contractor's most favorable terms for price

Bid Bond: An insurance agreement, accompanied by a monetary commitment, by which a third party (the surety) accepts liability and guarantees that the Bidder Will Not withdraw the Bid

Bidder: A contractor who submits an offer bid in response to a written solicitation

Breach: Violation of a contractual obligation by failing to perform or repudiation of one's own promise.

Business: Any corporation, partnership, individual, sole proprietorship, joint-stock company, joint venture, or any other private legal entity

Business Day: Any weekday, except State-recognized holidays

Calendar Day: Every day shown on the calendar including Saturdays, Sundays, and State/Federal holidays

Cancellation: To call off or revoke a bid, purchase order or contract without expectation of conducting or performing at a later time

Catalog/Non-Core: A printed or electronic list of products a contractor may provide at a discounted rate or discount off list price to the State. Initial contract award(s) is not based on Catalog/Non-Core items

Central Processing Unit (CPU): Any computer or computer system that is used by the State to store, process, or retrieve data or perform other functions using Operating Systems and applications software

Change Order: Document that provides amendments to an executed purchase order

Collusion: An agreement or cooperation between two or more persons or entities to accomplish a fraudulent, deceitful, or unlawful purpose

Commodities: Any equipment, material, supply or goods; anything movable or tangible that is provided or sold

Commodities Description: Detailed descriptions of the items to be purchased; may include information necessary to obtain the desired quality, type, color, size, shape, or special characteristics necessary to perform the work intended to produce the desired results

Competition: The effort or action of two or more commercial interests to obtain the same business from third parties

Confidential Information: Unless otherwise defined below, "Confidential Information" shall also mean proprietary trade secrets, academic and scientific research work which is in progress and unpublished, and other information which if released would give advantage to business competitors and serve no public purpose (see Neb. Rev. Stat. §84-712.05(3)). In accordance with Nebraska Attorney General Opinions 92068 and 97033, proof that information is proprietary requires identification of specific, named competitor(s) who would be advantaged by release of the information and the specific advantage the competitor(s) would receive

Contract: An agreement between two or more parties creating obligations that are enforceable or otherwise recognizable at law; the writing that sets forth such an agreement

Contract Administration: The management of the contract which includes and is not limited to contract signing, contract amendments and any necessary legal actions

Contract Management: The management of day to day activities at the agency which includes and is not limited to ensuring deliverables are received, specifications are met, handling meetings and making payments to the Contractor

Contract Period: The duration of the contract

Contractor: An individual or entity lawfully conducting business in the State, who seeks or agrees to provide goods or services under the terms of a written contract.

Cooperative Purchasing: The combining of requirements of two or more political entities to obtain advantages of volume purchases, reduction in administrative expenses or other public benefits

Copyright: A property right in an original work of authorship fixed in any tangible medium of expression, giving the holder the exclusive right to reproduce, adapt and distribute the work

Core List: Items specifically listed on the ITB upon which a s evaluated for award .

Critical Program Error: Any Program Error, whether or not known to the State, which prohibits or significantly impairs use of the Licensed Software as set forth in the documentation and intended in the contract

Customer Service: The process of ensuring customer satisfaction by providing assistance and advice on those products or goods provided by a Contractor

Default: The omission or failure to perform a contractual duty

**Deviation:** Any proposed change(s) or alteration(s) to either the terms and conditions or deliverables within the scope of the written ITB or contract

**Evaluation:** The process of examining an offer after opening to determine the bidder's responsibility, responsiveness to requirements, and to ascertain other characteristics of the offer that relate to determination of the successful award

**Evaluation Committee:** Committee(s) appointed by the requesting agency that advises and assists the procuring office in the evaluation of Bids (offers made in response to written solicitations)

**Extension:** Continuance of a contract for a specified duration upon the agreement of the parties beyond the original Contract Period. Not to be confused with "Renewal Period"

Free on Board (F.O.B.) Destination: The delivery charges are included in the quoted price and prepaid by the contractor. Contractor is responsible for all claims associated with damages during delivery of product

Free on Board (F.O.B.) Point of Origin: The delivery charges are not included in the quoted price and are the responsibility of the agency. Agency is responsible for all claims associated with damages during delivery of product

Foreign Corporation: A foreign corporation that was organized and chartered under the laws of another state, government, or country.

Installation Date: The date when the procedures described in "Installation by Contractor", and "Installation by State", as found in the solicitation, or contract are completed.

Interested Party: A person, acting in their personal capacity, or an entity entering into a contract or other agreement creating a legal interest therein

Invalid Bid: A bid that does not meet the requirements of the ITB or cannot be evaluated against the other bids.

Invitation to Bid (ITB): A written ITB utilized for obtaining competitive bids for Goods

Late Bid: An offer received after the Opening Date and Time

**Licensed Software Documentation:** The user manuals and any other materials in any form or medium customarily provided by the Contractor to the users of the Licensed Software which will provide the State with sufficient information to operate, diagnose, and maintain the Licensed Software properly, safely, and efficiently

Mandatory/Must: Required, compulsory, or obligatory

May: Discretionary, permitted; used to express possibility

Module (see System): A collection of routines and data structures that perform a specific function of software

Must: See Mandatory/Must and Shall/Will/Must

National Institute for Governmental Purchasing (NIGP): National Institute of Governmental Purchasing – Source used for assignment of universal commodity codes to goods and services

Non-core: See Catalog.

Open Market Purchase: Authorization may be given to an agency to purchase items above direct purchase authority due to the unique nature, price, quantity, location of the using agency, or time limitations by the AS Materiel Division, State Purchasing Bureau

Opening Date and Time: Specified date and time for the public opening of received, labeled, and sealed formal Bids

**Operating System:** The control program in a computer that provides the interface to the computer hardware and peripheral devices, and the usage and allocation of memory resources, processor resources, input/output resources, and security resources

Outsourcing: The contracting out of a business process which an organization may have previously performed internally or has a new need for, to an independent organization from which the process is purchased back

Payroll & Financial Center (PFC): Electronic procurement system of record

Performance Bond: An insurance agreement, accompanied by a monetary commitment, by which a third party (the surety) accepts liability and guarantees that the Contractor fulfills any and all obligations under the contract

Platform: A specific hardware and Operating System combination that is different from other hardware and Operating System combinations to the extent that a different version of the Licensed Software product is required to execute properly in the environment established by such hardware and Operating System combination

Point of Contact (POC): The person designated to receive communications and to communicate

Pre-Bid Conference: A meeting scheduled for the purpose of clarifying a written ITB and related expectations

**Product:** Something that is distributed commercially for use or consumption and that is usually (1) tangible personal property, (2) the result of fabrication or processing, and (3) an item that has passed through a chain of commercial distribution before ultimate use or consumption

Program Error: Code in Licensed Software which produces unintended results or actions, or which produces results or actions other than those described in the specifications. A program error includes, without limitation, any Critical Program Error

Program Set: The group of programs and products, including the Licensed Software specified in the solicitation, plus any additional programs and products licensed by the State under the contract for use by the State

**Project**: The total scheme, program, or method worked out for the accomplishment of an objective, including all documentation, commodities, and goods to be provided under the contract

Proprietary Information: Proprietary information is defined as trade secrets, academic and scientific research work which is in progress and unpublished, and other information which if released would give advantage to business competitors and service no public purpose (see Neb. Rev. Stat. § 84-712.05(3)). In accordance with Attorney General Opinions 92068 and 97033, proof that information is proprietary requires identification of specific named competitor(s) advantaged by release of the information and the demonstrated advantage the named competitor(s) would gain by the release of information

**Protest/Grievance:** A complaint about a governmental action or decision related to the ITB or resultant contract, brought by a contractor who has timely submitted a bid response in connection with the award in question, to AS Materiel Division or another designated agency with the intention of achieving a remedial result

Public Bid Opening: The process of opening correctly submitted offers at the time and place specified in the written ITB and in the presence of anyone who wished to attend

Recommended Hardware Configuration: The data processing hardware (including all terminals, auxiliary storage, communication, and other peripheral devices) to the extent utilized by the State as recommended by the Contractor.

Release Date: The date of public release of the written ITB to seek offers

Renewal Period: Optional contract periods subsequent to the original Contract Period for a specified duration with previously agreed to terms and conditions. Not to be confused with Extension

Request for Information (RFI): A general invitation to contractor is requesting information for a potential future solicitation. The RFI is typically used as a research and information gathering tool for preparation of a ITB

Responsible Bidder: A Bidder who has the capability in all respects to perform fully and lawfully all requirements with integrity and reliability to assure good faith performance

Responsive Bidder: A Bidder who has submitted a bid which conforms to all requirements of the ITB document

Shall: See Must

Should: Expected; suggested, but not necessarily mandatory

Software License: Legal instrument with or without printed material that governs the use or redistribution of licensed software

Sole Source - Commodity: When an item is available from only one source due to the unique nature of the requirement, its contractor, or market conditions

Sole Source – Service: A service of such a unique nature that the contractor selected is clearly and justifiably the only practical source to provide the service. Determination that the contractor selected is justifiably the sole source is based on either the uniqueness of the service or sole availability at the location required

Specifications: The detailed statement, especially of the measurements, quality, materials, and functional characteristics, or other items to be provided under a contract

Statutory: These clauses are controlled by state law and are not subject to negotiation

Subcontractor: Individual or entity with whom the contractor enters a contract to perform a portion of the work awarded to the contractor

System (see Module): Any collection or aggregation of two (2) or more Modules that is designed to function, or is represented by the Contractor as functioning or being capable of functioning, as an entity

**Termination:** Occurs when the contract expires or either party, pursuant to a power created by agreement or law puts an end to the contract prior to the stated expiration date. All obligations which are still executory on both sides are discharged but any right based on prior breach or performance survives

**Third-Party:** Any person or entity, including but not limited to fiduciaries, shareholders, owners, officers, managers, employees, legally disinterested persons, and sub-contractors or agents, and their employees. It shall not include any entity or person who is an interested Party to the contract or agreement

Trade Secret: Information, including, but not limited to, a drawing, formula, pattern, compilation, program, device, method, technique, code, or process that (a) derives independent economic value, actual or potential, from not being known to, and not being ascertainable by proper means by, other persons who can obtain economic value from its disclosure or use; and (b) is the subject of efforts that are reasonable under the circumstances to maintain its secrecy (see Neb. Rev. Stat. § 87-502(4))

Trademark: A word, phrase, logo, or other graphic symbol used by a manufacturer or contractor to distinguish its product from those of others, registered with the U.S. Patent and Trademark Office

Upgrade: Any change that improves or alters the basic function of a product of service

**Vendor Performance Report:** A report completed by the using agency and submitted to State Purchasing Bureau documenting products or services delivered or performed which exceed or fail to meet the terms of the purchase order, contract, and/or ITB specifications.

Vendor: Inclusive term for any "Bidder" or "Contractor".

Will: See Mandatory/Must/Shall

Work Day: See Business Day

# **ACRONYM LIST**

ARO - After Receipt of Order

**ACH** - Automated Clearing House

ARO - After Receipt of Order

**BAFO** – Best and Final Offer

COI - Certificate of Insurance

**CPU** – Central Processing Unit

**DAS** – Department of Administrative Services

F.O.B. - Free on Board

ITB - Invitation to Bid

NIGP - National Institute for Governmental Purchasing

POC - Point of Contact

PA - Participating Addendum

RFI - Request for Information

SPB - State Purchasing Bureau

#### I. PROCUREMENT PROCEDURE

#### A. GENERAL INFORMATION

The ITB is designed to solicit bids from qualified Bidders who will be responsible for providing Corrosion Inhibited Liquid Magnesium Chloride (Clear Roads Product Category 1) at a competitive and reasonable cost. Terms and Conditions, Project Description and Scope of Work, Bidder instructions, and Bid Requirements may be found in Sections II through VI.

Bids shall conform to all instructions, conditions, and requirements included in the solicitation. Prospective Contractors are expected to carefully examine all documents, schedules, and requirements in this solicitation, and respond to each requirement in the format prescribed. Bids may be found non-responsive if they do not conform to the solicitation.

#### B. PROCURING OFFICE AND COMMUNICATION WITH STATE STAFF AND EVALUATORS

Procurement responsibilities related to this ITB reside with SPB. The point of contact (POC) for the procurement is as follows:

Solicitation Number:

6324 OF

Name: Agency: Brenda Sensibaugh, Buyer State Purchasing Bureau

Address:

1526 K Street, Suite 130

Telephone:

402-471-6500

E-Mail:

as.materielpurchasing@nebraska.gov

From the date the ITB is issued until the Intent to Award is issued, communication from the Bidder is limited to the POC listed above. After the Intent to Award is issued, the Bidder may communicate with individuals the State has designated as responsible for negotiating the contract on behalf of the State. No member of the State Government, employee of the State, or member of the Evaluation Committee is empowered to make binding statements regarding this solicitation. The POC will issue any answers, clarifications or amendments regarding this ITB in writing. Only the SPB or awarding agency can award a contract. Bidders shall not have any communication with, or attempt to communicate or influence any evaluator involved in this solicitation.

The following exceptions to these restrictions are permitted:

- 1. Contact made pursuant to pre-existing contracts or obligations;
- 2. Contact required by the schedule of events or an event scheduled later by POC; and
- 3. Contact required for negotiation and execution of the final contract.

The State reserves the right to reject a Bid, withdraw an Intent to Award, or terminate a contract if the State determines there has been a violation of these procurement procedures.

# C. SCHEDULE OF EVENTS

The State expects to adhere to the procurement schedule shown below, but all dates are approximate and subject to change.

1.	Release solicitation	June 26, 2020
	Last Day to submit 1st round of written questions	
2.	Electronic Submission:	July 10, 2020
	https://nebraska.sharefile.com/r-r810d83a69744434b	
3.	Answer 1st round questions prior to Pre-Bid Conference	July 16, 2020
4.	Optional Pre-Bid Conference Location: Zoom meeting Join Zoom Meeting <a href="https://us02web.zoom.us/j/81193555723?pwd=RS9ZL1ZUNTZONkIML2VoymtzZnU2dz09">https://us02web.zoom.us/j/81193555723?pwd=RS9ZL1ZUNTZONkIML2VoymtzZnU2dz09</a> Meeting ID: 811 9355 5723 Password: 1nnwR3	July 22, 2020
5.	Last day to submit written questions after Pre-Bid Conference  Electronic Submissions: <a href="https://nebraska.sharefile.com/r-r770133681254646b">https://nebraska.sharefile.com/r-r770133681254646b</a>	July 27, 2020
6.	State responds to written questions through a ITB Addendum and/or "Amendment" to be posted to the Internet at: http://das.nebraska.gov/materiel/purchasing.html	July 31, 2020
7.	Proposal Opening  Location for mailed/hand delivered submissions:  State Purchasing Bureau 1526 K Street, Suite 130 Lincoln, NE 68508  Topic: Liquid Deicing Salt Bid Opening Time: August 7, 2020 02:00:00 PM Central Time (US and Canada)  Join Zoom Meeting https://us02web.zoom.us/j/81782140377?pwd=bkluUUlySIZGTFBabVRNe CtRb2l6dz09  Meeting ID: 817 8214 0377 Password: 7wcVhV  Electronic Submissions: https://nebraska.sharefile.com/r-ra10a8925f6f40b89	August 7, 2020 2:00:00 PM Central Time
8.	Post "Notification of Intent to Award" to Internet at: http://das.nebraska.gov/materiel/purchasing.html	TBD
9.	Contractor start date	TBD

#### D. WRITTEN QUESTIONS AND ANSWERS

Questions regarding the meaning or interpretation of any ITB provision must be submitted in writing to SPB and clearly marked "ITB Number 6324 OF; Corrosion Inhibited Liquid Magnesium Chloride (Clear Roads Product Category 1) Questions". POC is not obligated to respond to questions that are received late per the Schedule of Events.

Bidders should present, as questions, any assumptions upon which the Bid is or might be developed. Bids will be evaluated without consideration of any known or unknown assumptions of a Bidder. The contract will not incorporate any known or unknown assumptions of a Bidder.

It is preferred that questions be sent via e-mail to <a href="mailto:as.materielpurchasing@nebraska.gov">as.materielpurchasing@nebraska.gov</a> or submit through Sharefile at: <a href="https://nebraska.sharefile.com/r-ra10a8925f6f40b89">https://nebraska.sharefile.com/r-ra10a8925f6f40b89</a>, but may be delivered by hand or by U.S. Mail. It is recommended that Bidders submit questions using the following format.

ITB Section Reference	ITB Page Number	Question
		XX

Written answers will be posted at http://das.nebraska.gov/materiel/purchasing.html per the Schedule of Events.

#### E. PRE-BID CONFERENCE

A pre-bid conference will be held per the Schedule of Events. Attendance at the pre-bid conference is optional. Bidders will have an opportunity to ask questions at the conference to assist in the clarification and understanding of the ITB requirements. Questions that have a material impact on the ITB or ITB process, and relevant to all Contractors will be answered in writing and posted at <a href="http://das.nebraska.gov/materiel/purchasing.html">http://das.nebraska.gov/materiel/purchasing.html</a>. An answer must be posted to be binding on the State. The State will attempt to provide verbal answers to questions that do not impact the ITB or process, and are only of interest to an individual contractor during the conference. If a Contractor feels it necessary to have a binding answer to a question that was answered verbally, the question should be submitted in writing per the Schedule of Events.

#### F. SECRETARY OF STATE/TAX COMMISSIONER REGISTRATION REQUIREMENTS (Statutory)

All Contractors must be authorized to transact business in the State and comply with all Nebraska Secretary of State Registration requirements. The Bidder who is the recipient of an Intent to Award will be required to certify that it has complied and produce a true and correct copy of its current (within ninety (90) calendar days of the intent to award) Certificate or Letter of Good Standing, or in the case of a sole proprietorship, provide written documentation of sole proprietorship and the United States Citizenship Attestation Form, available on the DAS website at: http://das.nebraska.gov/materiel/purchasing.html. This must be accomplished prior to execution of the contract.

#### G. ETHICS IN PUBLIC CONTRACTING

The State reserves the right to reject Bids, withdraw an intent to award or award, or terminate a contract if a Bidder commits or has committed ethical violations, which include, but are not limited to:

- Offering or giving, directly or indirectly, a bribe, fee, commission, compensation, gift, gratuity, or anything
  of value to any person or entity in an attempt to influence the bidding process;
- Utilize the services of lobbyists, attorneys, political activists, or consultants to influence or subvert the bidding process;
- 3. Being considered for, presently being, or becoming debarred, suspended, ineligible, or excluded from contracting with any state or federal entity:
- Submitting a Bid on behalf of another party or entity;
- Collude with any person or entity to influence the bidding process, submit sham Bids, preclude bidding, fix pricing or costs, create an unfair advantage, subvert the Bid, or prejudice the State.

The Bidder shall include this clause in any subcontract entered into for the exclusive purpose of performing this contract.

Bidder shall have an affirmative duty to report any violations of this clause by the bidder throughout the bidding process, and throughout the term of this contract for the successful Bidder and their subcontractors.

# H. DEVIATIONS FROM THE INVITATION TO BID

The requirements contained in the ITB (Sections II through VI) become a part of the terms and conditions of the contract resulting from this ITB. Any deviations from the ITB in Sections II through VI must be clearly defined by the Contractor in its bid and, if accepted by the State, will become part of the contract. Any specifically defined deviations must not be in conflict with the basic nature of the ITB, ITB requirements, or applicable state or federal laws or

statutes. "Deviation", for the purposes of this ITB, means any proposed changes or alterations to either the contractual language or deliverables within the scope of this ITB. The State discourages deviations and reserves the right to reject proposed deviations.

#### I. SUBMISSION OF BIDS

The State is accepting either electronically submitted responses or hard copy, paper responses for this ITB.

It is the Bidders responsibility to ensure the bid is submitted and received by the date and time indicated in the Schedule of Events. All bids, whether in electronic or paper form Must be received by the State Purchasing Bureau by the date and time of the bid opening per the Schedule of Events. **No Late Bids Will be accepted.** 

The State Shall not incur any liability for any costs incurred by Contractors in replying to this ITB, in the demonstrations and/or oral presentations, or in any other activity related to bidding on this ITB.

SPB Will not accept bids by email, voice, or telephone bids except for one-time purchases under \$50,000.00.

#### J. BIDDERS SUBMITTING ELECTRONIC RESPONSES:

- 1. Bidders submitting electronically can upload the response via ShareFile here:
- https://nebraska.sharefile.com/r-ra10a8925f6f40b89
- 3. ShareFile works with Firefox, Internet Explorer and Chrome. It does not work with Microsoft Edge. The ITB, Cost Sheet (if applicable), and Proprietary Information (if applicable) should be uploaded as separate and distinct files. If multiple bids are submitted, the State will retain only the most recently submitted response.
- 4. ELECTRONIC PROPOSAL FILE NAMES

The Bidder Should clearly identify the uploaded ITB bid files. To assist in identification please use following naming convention:

- a. ITB 6324 OF ABC Company
- b. If multiple files are submitted for one ITB bid, add number of files to file names: ITB 6324 OF ABC Company File 1 of 2.
- c. If multiple ITB bids are submitted for the same ITB, add the bid number to the file names: ITB 6324 OF ABC Company Bid 1 File 1 of 2.

# K. BIDDERS SUBMITTING PAPER/HARD COPY RESPONSES:

1. If multiple bids are submitted, the State will retain only the most recently submitted response. The bidder is solely responsible for any variance between the copies submitted. Bids must reference the ITB number and be sent to the specified address. Please note that the address label should appear as specified in Section I B. on the face of each container or contractor's bid response packet. If a recipient phone number is required for delivery purposes, 402-471-6500 Should be used. The ITB number should be included in all correspondence.

All hard copy bids MUST be submitted in a sealed envelope or container. The State will not furnish packaging and sealing materials.

The Invitation to Bid form must be manually signed in an indelible manner or by DocuSign and returned by the bid opening date and time along with the bidder's Invitation to Bid and any other requirements as stated in the Invitation to Bid document in order for the bidder's Invitation to Bid response to be evaluated.

It is the responsibility of the bidder to check the website often for all information relevant to this ITB to include addenda and/or amendments issued prior to the opening date and time. The website address is: <a href="http://das.nebraska.gov/materiel/purchase\_bureau/vendor/bid\_opportunity.html">http://das.nebraska.gov/materiel/purchase\_bureau/vendor/bid\_opportunity.html</a>

Emphasis should be concentrated on conformance to the ITB. Bids should be clear and complete. If the bid is not presented clearly or is difficult to discern, the State reserves the right to reject the bid.

By signing the Invitation to Bid, the contractor guarantees compliance with the provisions stated in this ITB.

#### L. BID PREPARATION COSTS

The State shall not incur any liability for any costs incurred by Bidders in replying to this solicitation, including any activity related to bidding on this solicitation.

# M. FAILURE TO COMPLY WITH INVITATION TO BID

Violation of the terms and conditions contained in this ITB or any resultant contract, at any time before or after the award, shall be grounds for action by the State which may include, but is not limited to, the following:

- 1. Rejection of a Bid;
- 2. Withdrawal of the Intent to Award;
- 3. Withdrawal of the Award;
- 4. Negative Vendor Performance Report(s)
- 5. Termination of the resulting contract;
- Legal action; or,
- 7. Suspension of the Bidder from further bidding with the State for the period of time relative to the seriousness of the violation, such period to be within the sole discretion of the State.

#### N. BID CORRECTIONS

A bidder may correct a mistake in a bid prior to the time of opening by giving written notice to the State of intent to withdraw the bid for modification or to withdraw the bid completely. Changing a bid after opening may be permitted if the change is made to correct a minor error that does not affect price, quantity, quality, delivery, or contractual conditions. In case of a mathematical error in extension of price, unit price shall govern.

#### O. LATE BIDS

Bids received after the time and date of the bid opening will be considered late bids. Late bids will be returned unopened, if requested by the Bidder and at Bidder's expense. The State is not responsible for bids that are late or lost regardless of cause or fault.

#### P. BID OPENING

Anyone may attend the opening. It is considered a public opening. The Buyer will read the names of the respondents. Depending upon the complexity of the Bid for goods, the buyer may read the Bids aloud or allow Bids be available for viewing by the public during the Bid opening. An initial Bid tabulation will be posted to the website as soon as feasible.

Information identified as proprietary by the submitting Bidder, in accordance with the ITB and state statute, will not be posted. If the state determines submitted information should not be withheld, in accordance with the <u>Public Records Act</u>, or if ordered to release any withheld information, said information may then be released. The submitting Bidder will be notified of the release and it shall be the obligation of the submitting Bidder to take further action, if it believes the information should not be released.

#### Q. ITB REQUIREMENTS

The Bids will first be examined to determine if all requirements listed below have been addressed and whether further evaluation is warranted. Bids not meeting the requirements may be rejected as non-responsive. The requirements are:

- Original Commodity ITB form signed using an indelible method (electronic signatures are acceptable);
- 2. Clarity and responsiveness of the Bid;
- 3. Completed Sections II through VI;
- 4. Completed ITB Form or State's Cost Sheet.

#### R. EVALUATION COMMITTEE

Bids are evaluated by members of an Evaluation Committee(s). The Evaluation Committee(s) will consist of individuals selected at the discretion of the State. Names of the members of the Evaluation Committee(s) will not be published prior to the intent to award.

Any contact, attempted contact, or attempt to influence an evaluator that is involved with this ITB may result in the rejection of this Bid and further administrative actions.

# S. EVALUATION OF BIDS

All bids that are responsive to the ITB will be evaluated based on the following:

- 1. Extended price, as submitted with Attachment A (Bid Sheet for Corrosion Inhibited Liquid Magnesium Chloride); and,
- 2. Ice Melting Capacity, as determined by the State (see Attachment F).

All Bids will be scored in accordance with Attachment D (Scoring Criteria for Corrosion Inhibited Liquid Magnesium Chloride).

Neb. Rev. Stat. §81-161 allows the quality of performance of previous contracts to be considered when evaluating responses to competitively bid solicitations in determining the lowest responsible bidder. Information obtained from any Vendor Performance Report (See Terms & Conditions, Section H) may be used in evaluating responses to solicitations for goods and services to determine the best value for the State.

Neb. Rev. Stat. §73-107 allows for a preference for a resident disabled veteran or business located in a designated enterprise zone. When a state contract is to be awarded to the lowest responsible contractor, a resident disabled veteran or a business located in a designated enterprise zone under the Enterprise Zone Act shall be allowed a preference over any other resident or nonresident contractor, if all other factors are equal.

Resident disabled veterans means any person (a) who resides in the State of Nebraska, who served in the United States Armed Forces, including any reserve component or the National Guard, who was discharged or otherwise separated with a characterization of honorable or general (under honorable conditions), and who possesses a disability rating letter issued by the United States Department of Veterans Affairs establishing a service-connected disability or a disability determination from the United States Department of Defense and (b)(i) who owns and controls a business or, in the case of a publicly owned business, more than fifty percent of the stock is owned by one or more persons described in subdivision (a) of this subsection and (ii) the management and daily business operations of the business are controlled by one or more persons described in subdivision(a) of this subsection. Any contract entered into without compliance with this section shall be null and void.

Therefore, if a Resident Disabled Veteran or business located in a designated enterprise zone submits a bid in accordance with Neb. Rev. Stat. §73-107 and has so indicated on the ITB cover page under "Contractor must complete the following" requesting priority/preference to be considered in the award of this contract, the following will need to be submitted by the bidder within ten (10) business days of request:

- 1. Documentation from the United States Armed Forces confirming service;
- Documentation of discharge or otherwise separated characterization of honorable or general (under honorable conditions);
- Disability rating letter issued by the United States Department of Veterans Affairs establishing a serviceconnected disability or a disability determination from the United States Department of Defense; and
- 4. Documentation which shows ownership and control of a business or, in the case of a publicly owned business, more than fifty percent of the stock is owned by one or more persons described in subdivision (a) of this subsection; and the management and daily business operations of the business are controlled by one or more persons described in subdivision (a) of this subsection.

Failure to submit the requested documentation within ten (10) business days of notice will disqualify the Bidder from consideration of the preference.

#### T. BEST AND FINAL OFFER

If a BAFO is requested by the State and submitted by the Bidder, they will be evaluated (using the stated BAFO criteria) and ranked by the Evaluation Committee. The State reserves the right to conduct more than one BAFO. The award will then be granted to the lowest responsible Bidder. However, a bidder should provide its best offer in its original Bid. Contractors should not expect that the State will request a BAFO.

#### U. REFERENCE AND CREDIT CHECKS

The State reserves the right to conduct and consider reference and credit checks. The State reserves the right to use third parties to conduct reference and credit checks. By submitting a Bid in response to this solicitation, the Bidder grants to the State the right to contact or arrange a visit in person with any or all of the Bidder's clients. Reference and credit checks may be grounds to reject a bid, withdraw an intent to award, or rescind the award of a contract.

#### V. AWARD

The State reserves the right to evaluate bids and award contracts in a manner utilizing criteria selected at the State's discretion and in the State's best interest. After evaluation of the bids, or at any point in the ITB process, the State of Nebraska may take one or more of the following actions:

- 1. Amend the ITB;
- 2. Extend the time of or establish a new Bid Opening time:
- 3. Waive deviations or errors in the State's ITB process and in Bids that are not material, do not compromise the ITB process or Bid, and do not improve a Bidder's competitive position;
- 4. Accept or reject a portion of or all of a Bid;
- 5. Accept or reject all bids;
- Withdraw the ITB;

- 7. Elect to rebid the ITB;
- 8. Award a single District or multiple Districts to one (1) or more Bidders; or,
- 9. Award one (1) or more all-inclusive contracts.

The State of Nebraska may consider, but is not limited to considering, one or more of the following award criteria:

- Price;
- 2. Ice melting capacity;
- 3. Location;
- Quality;
- Delivery time;
- Bidder qualifications and capabilities;
- State contract management requirements and/or costs;

The ITB does not commit the State to award a contract. Once intent to award decision has been determined, it will be posted to the Internet at: <a href="http://das.nebraska.gov/materiel/purchasing.html">http://das.nebraska.gov/materiel/purchasing.html</a>

Any protests must be filed by a Bidder within ten (10) business days after the intent to award decision is posted to the Internet. Grievance and protest procedure is available on the Internet at: <a href="http://das.nebraska.gov/materiel/purchasing.html">http://das.nebraska.gov/materiel/purchasing.html</a>

#### W. SPECIFICATIONS

Any manufacturer's names, trade names, brand names, information and/or catalog numbers listed in a specification are for reference and not intended to limit competition, but will be used as the standard by which equivalent material offered will be judged. The Materiel Administrator will be the sole judge of equivalency. The Bidder may offer any brands which meets or exceeds the specification. When a specific product is required, the ITB will so state. Any item Bid is to be the latest current model under standard production at the time of order. No used or refurbished equipment will be accepted, unless otherwise stated.

#### X. SAMPLES

When requested, samples should be furnished at the bidder's expense prior to the opening of the bid, unless another time is specified. Each sample should be labeled clearly, and identify the bidder's name, the ITB number, item number, and the brand and model number, if applicable. Samples submitted must be the commodities or equipment which would be delivered if awarded the Bid. The State reserves the right to request samples even though this may not have been set forth in the ITB. Samples may be destroyed in testing. If a sample is not destroyed in testing and a Bidder wishes to have the sample returned, it will be returned at the Bidder's expense upon request. The sample will not be returned until thirty (30) calendar days after any Bid protest or, the execution of a contract. The Bidder shall have ten (10) calendar days to arrange for the return of the sample to the Bidder following any of the above dates. If no request from the bidder is received within the above dates, the State reserves the right to use, donate, or surplus the samples in accordance with the State's policies.

#### Y. ALTERNATE/EQUIVALENT BIDS

Bidder may offer bids which are at variance from the express specifications of the solicitation. The State reserves the right to consider and accept such bids if, in the judgment of the Materiel Administrator, the Bid will result in goods and/or services equivalent to or better than those which would be supplied in the original Bid specifications. Bidder must indicate on the ITB the manufacturer's name, number and shall submit with their bid, sketches, descriptive literature and/or complete specifications. Reference to literature submitted with a previous bid will not satisfy this provision. Bids which do not comply with these requirements are subject to rejection. In the absence of any stated deviation or exception, the Bid will be accepted as in strict compliance with all terms, conditions and specification, and the Bidder shall be held liable therefore.

# Z. LUMP SUM OR "ALL OR NONE" BIDS

The State reserves the right to purchase item-by-item, by groups or as a total when the State may benefit by so doing. Bidders may submit a Bid on an "all or none" or "lump sum" basis, but should also submit a Bid on an item-by-item basis. The term "all or none" means a conditional Bid which requires the purchase of all items on which bids are offered and Contractor declines to accept award on individual items; a "lump sum" Bid is one in which the Contractor offers a lower price than the sum of the individual Bids if all items are purchased, but agrees to deliver individual items at the prices quoted.

#### AA. BID TABULATIONS

Bid tabulations are available on the website at: <a href="https://www.nebraska.gov/das/materiel/purchasing/bid\_tab\_search/consearch.cgi">https://www.nebraska.gov/das/materiel/purchasing/bid\_tab\_search/consearch.cgi</a>

#### **BB.** REJECTION OF BIDS

The State reserves the right to reject any or all Bids, wholly or in part, in the best interest of the State.

#### CC. RESIDENT BIDDER

Pursuant to Neb. Rev. Stat. §§ 73-101.01 through 73-101.02, a Resident Bidder shall be allowed a preference against a Non-resident Bidder from a state which gives or requires a preference to Bidders from that state. The preference shall be equal to the preference given or required by the state of the Nonresident Bidders. Where the lowest responsible bid from a resident Bidder is equal in all respects to one from a nonresident Bidder from a state which has no preference law, the resident Bidder shall be awarded the contract. The provision of this preference shall not apply to any contract for any project upon which federal funds would be withheld because of the provisions of this preference.

#### DD. EMAIL SUBMISSIONS

SPB will not accept proposals by email, voice, or telephone proposals **except** for one-time purchases under \$50,000.00.

# II. TERMS AND CONDITIONS

Bidders should complete Section II through VI as part of their Bid. Bidder is expected to read the Terms and Conditions and must initial either accept, reject, or reject and provide alternative language for each clause. The Bidder should also provide an explanation of why the Bidder rejected the clause or rejected the clause and provided alternate language using "Track Changes". Upon request an electronic copy of the Bid with "Track Changes" must be submitted in an editable Word format.

By signing the ITB, Bidder is agreeing to be legally bound by all the accepted terms and conditions, and any proposed alternative terms and conditions submitted with the Bid. The State reserves the right to negotiate rejected or proposed alternative language. If the State and Contractor fail to agree on the final Terms and Conditions, the State reserves the right to reject the Bid. The State is soliciting Bids in response to the ITB. The State reserves the right to reject Bids that attempt to substitute the Bidder's commercial contracts and/or documents for this ITB.

The Bidder should submit with their Bid any license, user agreement, service level agreement, or similar documents that the Bidder wants incorporated in the Contract. Upon notice of Intent to Award, the Bidder must submit a copy of these documents in an editable Word format. The State will not consider incorporation of any document not submitted with the Bid. These documents shall be subject to negotiation and will be incorporated as addendums if agreed to by the Parties.

If a conflict or ambiguity arises after the addendums have been negotiated and agreed to, the addendums shall be interpreted as follows:

- 1. If only one (1) Party's document has a particular clause then that clause shall control;
- 2. If both Party's documents have a similar clause, but the clauses do not conflict, the clauses shall be read together:
- If both Party's documents have a similar clause, but the clauses conflict, the State's clause shall control.

#### A. GENERAL

Accept (Initial)	Reject (Initial)	Reject & Provide Alternative within ITB Response (Initial)	NOTES/COMMENTS:
N/K			

The contract resulting from this ITB shall incorporate the following documents:

- 1. ITB and Addenda;
- 2. Amendments to the ITB;
- Questions and Answers;
- Bid
- 5. The executed Contract and any Addenda, if applicable, and properly submitted documents; and,
- 6. Amendments to the Contract.

These documents constitute the entirety of the contract.

Unless otherwise specifically stated in a future contract amendment, in case of any conflict between the incorporated documents, the documents shall govern in the following order of preference with number one (1) receiving preference over all other documents and with each lower numbered document having preference over any higher numbered document: 1) Amendment to the executed Contract with the most recent dated amendment having the highest priority, 2) executed Contract and any attached Addenda, 3) Amendments to ITB and any Questions and Answers, 4) the original ITB document and any Addenda, and 5) the Contractor's submitted Bid.

Any ambiguity or conflict in the contract discovered after its execution, not otherwise addressed herein, shall be resolved in accordance with the rules of contract interpretation as established in the State.

#### B. NOTIFICATION

Accept (Initial)	Reject (Initial)	Reject & Provide Alternative within ITB Response (Initial)	NOTES/COMMENTS:
18/			

Bidder shall identify the contract manager who shall serve as the point of contact for the executed contract.

Communications regarding the executed contract shall be in writing and shall be deemed to have been given if delivered personally or mailed, by U.S. Mail, postage prepaid, return receipt requested, to the parties at their respective addresses, or at such other addresses as may be specified in writing by either of the parties. All notices, requests, or communications shall be deemed effective upon personal delivery or five (5) calendar days following deposit in the mail.

Either party may change its address and or/contract information for notification purposes by giving notice of the change, and setting forth the new address and/or contract information and an effective date.

#### C. BUYERS REPRESENTATIVE (POC)

The State reserves the right to appoint a Buyer's Representative to manage [or assist the SPB Buyer in managing] the contract on behalf of the State. The Buyer's Representative will be appointed in writing, and the appointment document will specify the extent of the Buyer's Representative authority and responsibilities. If a Buyer's Representative is appointed, the Contractor will be provided a copy of the appointment document, and is expected to cooperate accordingly with the Buyer's Representative. The Buyer's Representative has no authority to bind the State to a contract, amendment, addendum, or other change or addition to the contract.

#### D. GOVERNING LAW (Statutory)

Notwithstanding any other provision of this contract, or any amendment or addendum(s) entered into contemporaneously or at a later time, the parties understand and agree that, (1) the State of Nebraska is a sovereign state and its authority to contract is therefore subject to limitation by the State's Constitution, statutes, common law, and regulation; (2) this contract will be interpreted and enforced under the laws of the State of Nebraska; (3) any action to enforce the provisions of this contract must be brought in the State of Nebraska per state law; (4) the person signing this contract on behalf of the State of Nebraska does not have the authority to waive the State's sovereign immunity, statutes, common law, or regulations; (5) the indemnity, limitation of liability, remedy, and other similar provisions of the final contract, if any, are entered into subject to the State's Constitution, statutes, common law, regulations, and sovereign immunity; and, (6) all terms and conditions of the final contract, including but not limited to the clauses concerning third-party use, licenses, warranties, limitations of liability, governing law and venue, usage verification, indemnity, liability, remedy or other similar provisions of the final contract are entered into specifically subject to the State's Constitution, statutes, common law, regulations, and sovereign immunity.

The Parties must comply with all applicable local, state and federal laws, ordinances, rules, orders, and regulations.

#### E. AMENDMENT

This Contract may be amended in writing, within scope, upon the agreement of both parties.

# F. CHANGE ORDERS OR SUBSTITUTIONS

Accept (Initial)	Reject (Initial)	Reject & Provide Alternative within ITB Response (Initial)	NOTES/COMMENTS:	
M				

The State and the awarded Bidder, upon the written agreement, may make changes to the contract within the general scope of the solicitation. Changes may involve specifications, the quantity of work, or such other items as the State may find necessary or desirable. Corrections of any deliverable, service, or work required pursuant to the contract shall not be deemed a change. The awarded Bidder may not claim forfeiture of the contract by reasons of such changes.

The awarded Bidder shall prepare a written description of the work required due to the change and an itemized cost sheet (if applicable) for the change. Changes in work and the amount of compensation to be paid to the awarded Bidder shall be determined in accordance with applicable unit prices if any, a pro-rated value, or through negotiations. The State shall not incur a price increase for changes that should have been included in the Bid, were foreseeable, or result from difficulties with or failure of the Bid or performance.

No change shall be implemented by the awarded Bidder until approved by the State, and the Contract is amended to reflect the change and associated costs, if any. If there is a dispute regarding the cost, but both parties agree that immediate implementation is necessary, the change may be implemented, and cost negotiations may continue with both Parties retaining all remedies under the contract and law.

In the event any product is discontinued or replaced upon mutual consent during the contract period or prior to delivery, the State reserves the right to amend the contract or purchase order to include the alternate product at the same price.

\*\*\*Contractor will not substitute any item that has been awarded without prior written approval of SPB\*\*\*

# G. VENDOR PERFORMANCE REPORT(S)

Accept (Initial)	Reject (Initial)	Reject & Provide Alternative within ITB Response (Initial)	NOTES/COMMENTS:
AK			

The State may document any instance(s) of products or services delivered or performed which exceed or fail to meet the terms of the purchase order, contract, and/or ITB specifications. The SPB may contact the Vendor regarding any such report. Vendor performance report(s) will become a part of the permanent record of the Vendor.

# H. NOTICE OF POTENTIAL CONTRACTOR BREACH

Accept (Initial)	Reject (Initial)	Reject & Provide Alternative within ITB Response (Initial)	NOTES/COMMENTS:	
TH				

If Contractor breaches the contract or anticipates breaching the contract, the Contractor shall immediately give written notice to the State. The notice shall explain the breach or potential breach, a proposed cure, and may include a request for a waiver of the breach if so desired. The State may, in its discretion, temporarily or permanently waive the breach. By granting a waiver, the State does not forfeit any rights or remedies to which the State is entitled by law or equity, or pursuant to the provisions of the contract. Failure to give immediate notice, however, may be grounds for denial of any request for a waiver of a breach.

#### I. BREACH

Accept (Initial)	Reject (Initial)	Reject & Provide Alternative within ITB Response (Initial)	NOTES/COMMENTS:
N			

Either Party may terminate the contract, in whole or in part, if the other Party breaches its duty to perform its obligations under the contract in a timely and proper manner. Termination requires written notice of default and a thirty (30) calendar day (or longer at the non-breaching Party's discretion considering the gravity and nature of the default) cure period. Said notice shall be delivered by Certified Mail, Return Receipt Requested, or in person with

proof of delivery. Allowing time to cure a failure or breach of contract does not waive the right to immediately terminate the contract for the same or different contract breach which may occur at a different time.

In case of breach by the Contractor, the State may, without unreasonable delay, make a good faith effort to make a reasonable purchase or contract to purchased goods in substitution of those due from the contractor. The State may recover from the Contractor as damages the difference between the costs of covering the breach. Notwithstanding any clause to the contrary, the State may also recover the contract price together with any incidental or consequential damages defined in UCC Section 2-715, but less expenses saved in consequence of Contractor's breach. OR In case of default of the Contractor, the State may contract the service from other sources and hold the Contractor responsible for any excess cost occasioned thereby.

The State's failure to make payment shall not be a breach, and the Contractor shall retain all available statutory remedies. (See Indemnity - Self-Insurance and Payment)

#### J. NON-WAIVER OF BREACH

Accept (Initial)	Reject (Initial)	Reject & Provide Alternative within ITB Response (Initial)	NOTES/COMMENTS:
J.K			

The acceptance of late performance with or without objection or reservation by a Party shall not waive any rights of the Party nor constitute a waiver of the requirement of timely performance of any obligations remaining to be performed.

#### K. SEVERABILITY

Accept (Initial)	Reject (Initial)	Reject & Provide Alternative within ITB Response (Initial)	NOTES/COMMENTS:
7th			

If any term or condition of the contract is declared by a court of competent jurisdiction to be illegal or in conflict with any law, the validity of the remaining terms and conditions shall not be affected, and the rights and obligations of the parties shall be construed and enforced as if the contract did not contain the provision held to be invalid or illegal.

#### L. INDEMNIFICATION

Accept (Initial)	Reject (Initial)	Reject & Provide Alternative within ITB Response (Initial)	NOTES/COMMENTS:
JAK -			

#### 1. GENERAL

The Contractor agrees to defend, indemnify, and hold harmless the State and its employees, volunteers, agents, and its elected and appointed officials ("the indemnified parties") from and against any and all claims, liens, demands, damages, liability, actions, causes of action, losses, judgments, costs, and expenses of every nature, including investigation costs and expenses, settlement costs, and attorney fees and expenses ("the claims"), sustained or asserted against the State for personal injury, death, or property loss or damage, arising out of, resulting from, or attributable to the willful misconduct, negligence, error, or omission of the Contractor, its employees, Subcontractors, consultants, representatives, and agents, resulting from this contract, except to the extent such Contractor liability is attenuated by any action of the State which directly and proximately contributed to the claims.

#### 2. SELF-INSURANCE (Statutory)

The State is self-insured for any loss and purchases excess insurance coverage pursuant to Neb. Rev. Stat. § 81-8,239.01 (Reissue 2008). If there is a presumed loss under the provisions of this contract, Contractor may file a claim with the Office of Risk Management pursuant to Neb. Rev. Stat. §§ 81-8,829 through 81-8,306 for review by the State Claims Board. The State retains all rights and immunities under the State Miscellaneous (Section 81-8,294), Tort (Section 81-8,209), and Contract Claim Acts (Section 81-8,302), as outlined in Neb. Rev. Stat. § 81-8,209 et seq. and under any other provisions of law and accepts liability under this contract to the extent provided by law.

#### M. ATTORNEY'S FEES

Accept (initial)	Reject (Initial)	Reject & Provide Alternative within ITB Response (Initial)	NOTES/COMMENTS:
JAK			

In the event of any litigation, appeal, or other legal action to enforce any provision of the contract, the Parties agree to pay all expenses of such action, as permitted by law and if ordered by the court, including attorney's fees and costs, if the other party prevails.

#### N. ASSIGNMENT, SALE, OR MERGER

Accept (Initial)	Reject (Initial)	Reject & Provide Alternative within ITB Response (Initial)	NOTES/COMMENTS:
AV			

Either party may assign the contract upon mutual written agreement of the other party. Such agreement shall not be unreasonably withheld.

The Contractor retains the right to enter into a sale, merger, acquisition, internal reorganization, or similar transaction involving Contractor's business. Contractor agrees to cooperate with the State in executing amendments to the contract to allow for the transaction. If a third party or entity is involved in the transaction, the Contractor will remain responsible for performance of the contract until such time as the person or entity involved in the transaction agrees in writing to be contractually bound by this contract and perform all obligations of the contract.

#### O. CONTRACTING WITH OTHER POLITICAL SUB-DIVISIONS OF THE STATE OR ANOTHER STATE

Accept (Initial)	Reject (Initial)	Reject & Provide Alternative within ITB Response (Initial)	NOTES/COMMENTS:
XX			

The Contractor may, but shall not be required to, allow agencies, as defined in Neb. Rev. Stat. § 81-145, to use this contract. The terms and conditions, including price, of the contract may not be amended. The State shall not be contractually obligated or liable for any contract entered into pursuant to this clause.

The Contractor may, but shall not be required to, allow other states, agencies or divisions of other states, or political subdivisions of other states to use this contract. The terms and conditions, including price, of this contract shall apply to any such contract, but may be amended upon mutual consent of the Parties. The State of Nebraska shall not be contractually or otherwise obligated or liable under any contract entered into pursuant to this clause. The State shall be notified if a contract is executed based upon this contract.

#### P. FORCE MAJEURE

Accept (Initial)	Reject (Initial)	Reject & Provide Alternative within ITB Response (Initial)	NOTES/COMMENTS:
M			

Neither party shall be liable for any costs or damages, or for default resulting from its inability to perform any of its obligations under the contract due to a natural or man-made event outside the control and not the fault of the affected party ("Force Majeure Event"). The Party so affected shall immediately make a written request for relief to the other party, and shall have the burden of proof to justify the request. The other Party may granted the relief requested; relief may not be unreasonably withheld. Labor disputes with the impacted party's own employees will not be considered a Force Majeure Event.

#### Q. CONFIDENTIALITY

Accept (Initial)	Reject (Initial)	Reject & Provide Alternative within ITB Response (Initial)	NOTES/COMMENTS:
J. J			

All materials and information provided by the Parties or acquired by a Party on behalf of the other Party shall be regarded as confidential information. All materials and information provided or acquired shall be handled in accordance with federal and state law, and ethical standards. Should said confidentiality be breached by a Party, the Party shall notify the other Party immediately of said breach and take immediate corrective action.

It is incumbent upon the Parties to inform their officers and employees of the penalties for improper disclosure imposed by the Privacy Act of 1974, 5 U.S.C. 552a. Specifically, 5 U.S.C. 552a (i)(1), which is made applicable by 5 U.S.C. 552a (m)(1), provides that any officer or employee, who by virtue of his/her employment or official position has possession of or access to agency records which contain individually identifiable information, the disclosure of which is prohibited by the Privacy Act or regulations established thereunder, and who knowing that disclosure of the specific material is prohibited, willfully discloses the material in any manner to any person or agency not entitled to receive it, shall be guilty of a misdemeanor and fined not more than \$5,000.

#### R. EARLY TERMINATION

Accept (Initial)	Reject (Initial)	Reject & Provide Alternative within ITB Response (Initial)	NOTES/COMMENTS:
14/			

The contract may be terminated as follows:

- 1. The State and the Contractor, by mutual written agreement, may terminate the contract at any time.
- 2. The State, at its sole discretion, may terminate the contract for any reason upon thirty (30) calendar day's written notice to the Contractor. Such termination shall not relieve the Contractor of warranty or other service obligations incurred under the terms of the contract. In the event of termination the Contractor shall be entitled to payment, determined on a pro rata basis, for products or services satisfactorily performed or provided.
- 3. The State may terminate the contract immediately for the following reasons:
  - a. if directed to do so by statute;

- Contractor has made an assignment for the benefit of creditors, has admitted in writing its inability to pay debts as they mature, or has ceased operating in the normal course of business;
- c. a trustee or receiver of the Contractor or of any substantial part of the Contractor's assets has been appointed by a court;
- d. fraud, misappropriation, embezzlement, malfeasance, misfeasance, or illegal conduct pertaining to performance under the contract by its Contractor, its employees, officers, directors, or shareholders;
- e. an involuntary proceeding has been commenced by any party against the Contractor under any one of the chapters of Title 11 of the United States Code and (i) the proceeding has been pending for at least sixty (60) calendar days; or (ii) the Contractor has consented, either expressly or by operation of law, to the entry of an order for relief; or (iii) the Contractor has been decreed or adjudged a debtor;
- f. a voluntary petition has been filed by the Contractor under any of the chapters of Title 11 of the United States Code;
- g. Contractor intentionally discloses confidential information;
- h. Contractor has or announces it will discontinue support of the deliverable; and,
- i. In the event funding is no longer available.

#### S. CONTRACT CLOSEOUT

Accept (Initial)	Reject (Initial)	Reject & Provide Alternative within ITB Response (Initial)	NOTES/COMMENTS:
Alt			

Upon termination of the contract for any reason the Contractor shall within thirty (30) days, unless stated otherwise herein:

- 1, Transfer all completed or partially completed deliverables to the State;
- 2. Transfer ownership and title to all completed or partially completed deliverables to the State;
- 3. Return to the State all information and data, unless the Contractor is permitted to keep the information or data by contract or rule of law. Contractor may retain one copy of any information or data as required to comply with applicable work product documentation standards or as are automatically retained in the course of Contractor's routine back up procedures;
- Cooperate with any successor contactor, person or entity in the assumption of any or all of the obligations
  of this contract;
- Cooperate with any successor contactor, person or entity with the transfer of information or data related to this contract;
- 6. Return or vacate any state owned real or personal property; and,
- 7. Return all data in a mutually acceptable format and manner.

Nothing in this Section should be construed to require the Contractor to surrender intellectual property, real or person property, or information or data owned by the Contractor for which the State has no legal claim.

#### III. CONTRACTOR DUTIES

#### A. INDEPENDENT CONTRACTOR / OBLIGATIONS

Accept (Initial)	Reject (Initial)	Reject & Provide Alternative within ITB Response (Initial)	NOTES/COMMENTS:
A			

It is agreed that the Contractor is an independent contractor and that nothing contained herein is intended or should be construed as creating or establishing a relationship of employment, agency, or a partnership.

The Contractor is solely responsible for fulfilling the contract. The Contractor or the Contractor's representative shall be the sole point of contact regarding all contractual matters.

The Contractor shall secure, at its own expense, all personnel required to perform the services under the contract. The personnel the Contractor uses to fulfill the contract shall have no contractual or other legal relationship with the State; they shall not be considered employees of the State and shall not be entitled to any compensation, rights or benefits from the State, including but not limited to, tenure rights, medical and hospital care, sick and vacation leave, severance pay, or retirement benefits.

By-name personnel commitments made in the Contractor's Bid shall not be changed without the prior written approval of the State. Replacement of these personnel, if approved by the State, shall be with personnel of equal or greater ability and qualifications.

The Contractor warrants that all persons assigned to the project shall be employees of the Contractor or a Subcontractor, and shall be fully qualified to perform the work required herein. Personnel employed by the Contractor or a subcontractor to fulfill the terms of the contract shall remain under the sole direction and control of the Contractor or the subcontractor respectively.

With respect to its employees, the Contractor agrees to be solely responsible for the following:

- 1. Any and all pay, benefits, and employment taxes and/or other payroll withholding;
- 2. Any and all vehicles used by the Contractor's employees, including all insurance required by state law;
- 3. Damages incurred by Contractor's employees within the scope of their duties under the contract;
- 4. Maintaining Workers' Compensation and health insurance that complies with state and federal law and submitting any reports on such insurance to the extent required by governing law;
- 5. Determining the hours to be worked and the duties to be performed by the Contractor's employees; and,
- 6. All claims on behalf of any person arising out of employment or alleged employment (including without limit claims of discrimination alleged against the Contractor, its officers, agents, or subcontractors or subcontractor's employees).

If the Contractor intends to utilize any subcontractor, the Subcontractor's level of effort, tasks, and time allocation must be clearly defined in the Contractor's Bid. The Contractor shall agree that it will not utilize any Subcontractors not specifically included in its bid in the performance of the contract without the prior written authorization of the State.

The State reserves the right to require the Contractor to reassign or remove from the project any Contractor or Subcontractor employee.

Contractor shall insure that the terms and conditions contained in any contract with a sub-contractor does not conflict with the terms and conditions of this contract.

The Contractor shall include a similar provision, for the protection of the State, in the contract with any Subcontractor engaged to perform work on this contract.

#### B. EMPLOYEE WORK ELIGIBILITY STATUS

The Contractor is required and hereby agrees to use a federal immigration verification system to determine the work eligibility status of employees physically performing work within the State. A federal immigration verification system means the electronic verification of the work authorization program authorized by the Illegal Immigration Reform and Immigrant Responsibility Act of 1996, 8 U.S.C. 1324a, known as the E-Verify Program, or an equivalent federal

program designated by the United States Department of Homeland Security or other federal agency authorized to verify the work eligibility status of an employee.

If the Contractor is an individual or sole proprietorship, the following applies:

 The Contractor must complete the United States Citizenship Attestation Form, available on the DAS website at http://das.nebraska.gov/materiel/purchasing.html

The completed United States Attestation Form should be submitted with the ITB response.

- If the Contractor indicates on such attestation form that he or she is a qualified alien, the Contractor agrees
  to provide the U.S. Citizenship and Immigration Services documentation required to verify the Contractor's
  lawful presence in the United States using the Systematic Alien Verification for Entitlements (SAVE)
  Program.
- The Contractor understands and agrees that lawful presence in the United States is required and the Contractor may be disqualified or the contract terminated if such lawful presence cannot be verified as required by Neb. Rev. Stat. § 4-108.

# C. COMPLIANCE WITH CIVIL RIGHTS LAWS AND EQUAL OPPORTUNITY EMPLOYMENT / NONDISCRIMINATION (Statutory)

The Contractor shall comply with all applicable local, state, and federal statutes and regulations regarding civil rights laws and equal opportunity employment. The Nebraska Fair Employment Practice Act prohibits Contractors of the State, and their Subcontractors, from discriminating against any employee or applicant for employment, with respect to hire, tenure, terms, conditions, compensation, or privileges of employment because of race, color, religion, sex, disability, marital status, or national origin (Neb. Rev. Stat. §§ 48-1101 through 48-1125). The Contractor guarantees compliance with the Nebraska Fair Employment Practice Act, and breach of this provision shall be regarded as a material breach of contract. The Contractor shall insert a similar provision in all Subcontracts for goods or services to be covered by any contract resulting from this ITB.

#### D. COOPERATION WITH OTHER CONTRACTORS

Accept (Initial)	Reject (Initial)	Reject & Provide Alternative within ITB Response (Initial)	NOTES/COMMENTS:
A			

Contractor may be required to work with or in close proximity to other contractors or individuals that may be working on the same or different projects. The Contractor shall agree to cooperate with such other Contractors or individuals, and shall not commit or permit any act which may interfere with the performance of work by any other Contractor or individual. Contractor is not required to compromise Contractor's intellectual property or proprietary information unless expressly required to do so by this contract.

#### E. DISCOUNTS

Prices quoted shall be inclusive of ALL trade discounts. Cash discount terms of less than thirty (30) days will not be considered as part of the Bid. Cash discount periods will be computed from the date of receipt of a properly executed claim voucher or the date of completion of delivery of all items in a satisfactory condition, whichever is later.

#### F. PRICES

All prices, costs, and terms and conditions outlined in the bid shall remain fixed and valid commencing on the opening date of the bid until an award is made, or the ITB is cancelled.

Prices quoted on Attachment A (Bid Sheet for Corrosion Inhibited Liquid Magnesium Chloride) shall remain fixed for the first full year of the contract. Any request for a price increase subsequent to the first year must be submitted in writing to the SPB for approval a minimum of 30 days prior to proposed effective date of increase, and be accompanied by documentation justifying the price increase. These documents include, but are not limited to the following:

1. Invoices for physical components of contracted items.

2. Manufacturer letter of price increase, if applicable. Further documentation may be required by the State to justify the increase.

The State reserves the right to deny any requested price increase. No price increases are to be billed to any State Agencies prior to written amendment of the contract by the parties.

The State will be given full proportionate benefit of any decreases for the term of the contract.

#### G. COST CLARIFICATION

The State reserves the right to review all aspects of cost for reasonableness and to request clarification of any bid where the cost component shows significant and unsupported deviation from industry standards or in areas where detailed pricing is required.

#### H. PERMITS, REGULATIONS, LAWS

Accept (Initial)	Reject (Initial)	Reject & Provide Alternative within ITB Response (Initial)	NOTES/COMMENTS:
SK			

The contract price shall include the cost of all royalties, licenses, permits, and approvals, whether arising from patents, trademarks, copyrights or otherwise, that are in any way involved in the contract. The Contractor shall obtain and pay for all royalties, licenses, and permits, and approvals necessary for the performance of the contract. The Contractor must guarantee that it has the full legal right to the materials, supplies, equipment, software, and other items used to execute this contract.

# I. NOTICE OF POTENTIAL CONTRACTOR BREACH

Accept (Initial)	Reject (Initial)	Reject & Provide Alternative within ITB Response (Initial)	NOTES/COMMENTS:
SH			

If Contractor breaches the contract or anticipates breaching the contract the Contractor shall immediately give written notice to the State. The notice shall explain the breach or potential breach, and may include a request for a waiver of the breach if so desired. The State may, at its discretion, temporarily or permanently waive the breach. By granting a temporary waiver, the State does not forfeit any rights or remedies to which the State is entitled by law or equity, or pursuant to the provisions of the contract. Failure to give immediate notice, however, may be grounds for denial of any request for a waiver of a breach.

#### J. ANTITRUST

Accept (Initial)	Reject (Initial)	Reject & Provide Alternative within ITB Response (Initial)	NOTES/COMMENTS:	
$\mathcal{N}$				

The Contractor hereby assigns to the State any and all claims for overcharges as to goods and/or services provided in connection with this contract resulting from antitrust violations which arise under antitrust laws of the United States and the antitrust laws of the State.

#### K. CONFLICT OF INTEREST

Accept (Initial)	Reject (Initial)	Reject & Provide Alternative within ITB Response (Initial)	NOTES/COMMENTS:
SA			

By submitting a bid, Bidder certifies that no relationship exists between the Bidder and any person or entity which either is, or gives the appearance of, a conflict of interest related to this ITB or project.

Bidder further certifies that Bidder will not employ any individual known by Bidder to have a conflict of interest nor shall Bidder take any action or acquire any interest, either directly or indirectly, which will conflict in any manner or degree with the performance of its contractual obligations hereunder or which creates an actual or appearance of conflict of interest.

If there is an actual or perceived conflict of interest, Bidder shall provide with its Bid a full disclosure of the facts describing such actual or perceived conflict of interest and a proposed mitigation plan for consideration. The State will then consider such disclosure and proposed mitigation plan and either approve or reject as part of the overall bid evaluation.

#### L. STATE PROPERTY

Accept (Initial)	Reject (Initial)	Reject & Provide Alternative within ITB Response (Initial)	NOTES/COMMENTS:	
M				

The Contractor shall be responsible for the proper care and custody of any State-owned property which is furnished for the Contractor's use during the performance of the contract. The Contractor shall reimburse the State for any loss or damage of such property; normal wear and tear is expected.

#### M. SITE RULES AND REGULATIONS

Accept (Initial)	Reject (Initial)	Reject & Provide Alternative within ITB Response (Initial)	NOTES/COMMENTS:
AK			

The Contractor shall use its best efforts to ensure that its employees, agents, and Subcontractors comply with site rules and regulations while on State premises. If the Contractor must perform on-site work outside of the daily operational hours set forth by the State, it must make arrangements with the State to ensure access to the facility and the equipment has been arranged. No additional payment will be made by the State on the basis of lack of access, unless the State fails to provide access as agreed to in writing between the State and the Contractor.

#### N. ADVERTISING

Accept (Initial)	Reject (Initial)	Reject & Provide Alternative within ITB Response (Initial)	NOTES/COMMENTS:
N			

The Contractor agrees not to refer to the contract award in advertising in such a manner as to state or imply that the company or its goods and services are endorsed or preferred by the State. Any publicity releases pertaining to the project shall not be issued without prior written approval from the State.

#### O. DISASTER RECOVERY/BACK UP PLAN

Accept (Initial)	Reject (Initial)	Reject & Provide Alternative within ITB Response (Initial)	NOTES/COMMENTS:	
M				

The Contractor shall have a disaster recovery and back-up plan, of which a copy should be provided upon request to the State, which includes, but is not limited to equipment, personnel, facilities, and transportation, in order to continue delivery of goods and services as specified under the specifications in the contract in the event of a disaster.

#### P. DRUG POLICY

Accept (Initial)	Reject (Initial)	Reject & Provide Alternative within ITB Response (Initial)	NOTES/COMMENTS:
W			

Contractor certifies it maintains a drug free work place environment to ensure worker safety and workplace integrity. Contractor agrees to provide a copy of its drug free workplace policy at any time upon request by the State.

#### Q. WARRANTY

Accept (Initial)	Reject (Initial)	Reject & Provide Alternative within ITB Response (Initial)	NOTES/COMMENTS:
M			

Despite any clause to the contrary, the Contractor represents and warrants that its services hereunder shall be performed by competent personnel and shall be of professional quality consistent with generally accepted industry standards for the performance of such services and shall comply in all respects with the requirements of this Contract. For any breach of this warranty, the Contractor shall, for a period of ninety (90) days from performance of the service, perform the services again, at no cost to Customer, or if Contractor is unable to perform the services as warranted, Contractor shall reimburse Customer the fees paid to Contractor for the unsatisfactory services. The rights and remedies of the parties under this warranty are in addition to any other rights and remedies of the parties provided by law or equity, including, without limitation actual damages, and, as applicable and awarded under the law, to a prevailing party, reasonable attorneys' fees and costs.

#### IV. PAYMENT

#### A. PROHIBITION AGAINST ADVANCE PAYMENT (Statutory)

Neb. Rev. Stat. §§81-2403 states, "[n]o goods or services shall be deemed to be received by an agency until all such goods or services are completely delivered and finally accepted by the agency."

#### B. TAXES (Statutory)

The State is not required to pay taxes and assumes no such liability as a result of this solicitation. The Contractor may request a copy of the Nebraska Department of Revenue, Nebraska Resale or Exempt Sale Certificate for Sales Tax Exemption, Form 13 for their records. Any property tax payable on the Contractor's equipment which may be installed in a state-owned facility is the responsibility of the Contractor.

#### C. INVOICES

Invoices for payments must be submitted by the Contractor to the agency requesting the goods with sufficient detail to support payment. The terms and conditions included in the Contractor's invoice shall be deemed to be solely for the convenience of the parties. No terms or conditions of any such invoice shall be binding upon the State, and no action by the State, including without limitation the payment of any such invoice in whole or in part, shall be construed as binding or estopping the State with respect to any such term or condition, unless the invoice term or condition has been previously agreed to by the State as an amendment to the contract. It is the responsibility of the contractor to ensure stamped weight tickets are provided for each load delivered. All "bills of lading" and invoices shall reference the purchase order number so they can be easily identified. The contractor shall issue a separate invoice for each delivery point submitted on a single purchase order.

Invoices should be sent to:

NDOT Operations P.O. Box 94759 Lincoln, NE 68509

#### D. PAYMENT (Statutory)

Payment will be made by the responsible agency in compliance with the State of Nebraska Prompt Payment Act (See Neb. Rev. Stat. §81-2403). The State may require the Contractor to accept payment by electronic means such as ACH deposit. In no event shall the State be responsible or liable to pay for any goods and services provided by the Contractor prior to the Effective Date of the contract, and the Contractor hereby waives any claim or cause of action for any such services.

# E. LATE PAYMENT (Statutory)

Except when exempted by Neb. Rev. Stat. §§ 81-2407, the Contractor may charge the responsible agency interest for late payment in compliance with the State of Nebraska Prompt Payment Act (See Neb. Rev. Stat. §§ 81-2401 through 81-2408).

#### F. SUBJECT TO FUNDING / FUNDING OUT CLAUSE FOR LOSS OF APPROPRIATIONS (Statutory)

The State's obligation to pay amounts due on the Contract for a fiscal years following the current fiscal year is contingent upon legislative appropriation of funds. Should said funds not be appropriated, the State may terminate the contract with respect to those payments for the fiscal year(s) for which such funds are not appropriated. The State will give the Contractor written notice thirty (30) calendar days prior to the effective date of termination. All obligations of the State to make payments after the termination date will cease. The Contractor shall be entitled to receive just and equitable compensation for any authorized work which has been satisfactorily completed as of the termination date. In no event shall the Contractor be paid for a loss of anticipated profit.

# G. RIGHT TO AUDIT (First Paragraph is Statutory)

The State shall have the right to audit the Contractor's performance of this contract upon a thirty (30) day written notice. Contractor shall utilize generally accepted accounting principles, and shall maintain the accounting records, and other records and information relevant to the contract (Information) to enable the State to audit the contract. (Neb. Rev. Stat. § 84-304 et seq.) The State may audit and the Contractor shall maintain the information during the term of the contract and for a period of five (5) years after the completion of this contract or until all issues or litigation are resolved, whichever is later. The Contractor shall make the Information available to the State at Contractor's place of business or a location acceptable to both Parties during normal business hours. If this is not practical or the Contractor so elects, the Contractor may provide electronic or paper copies of the Information. The State reserves the right to examine, make copies of, and take notes on any Information relevant to this contract, regardless of the form or the Information, how it is stored, or who possesses the Information. In no circumstances will contractor be required to create or maintain documents not kept in the ordinary course of contractor's business operations, nor will contractor be required to disclose any information, including but not limited to product cost data, which is confidential or proprietary to contractor.

Accept (Initial)	Reject (Initial)	Reject & Provide Alternative within ITB Response (Initial)	NOTES/COMMENTS:
A			

The Parties shall pay their own costs of the audit unless the audit finds a previously undisclosed overpayment by the State. If a previously undisclosed overpayment exceeds THREE (3%) percent ( of the total contract billings, or if fraud, material misrepresentations, or non-performance is discovered on the part of the Contractor, the Contractor shall reimburse the State for the total costs of the audit. Overpayments and audit costs owed to the State shall be paid within ninety (90) days of written notice of the claim. The Contractor agrees to correct any material weaknesses or condition found as a result of the audit.

#### V. SCOPE OF WORK

The Bidder must provide the following information in response to this solicitation.

#### A. SCOPE

It is the intent of this Bid invitation to establish a contract to supply Corrosion Inhibited Liquid Magnesium Chloride (Clear Roads Product Category 1) per the attached specifications from date of award for a period of ONE (1) year commencing upon execution of the contract by the State and the Contractor. The Contract includes the option to renew for FOUR (4) additional ONE (1) year periods upon mutual agreement of the Parties. The State reserves the right to extend the period of this contract beyond the end date when mutually agreeable to the contractor and the State.

All items proposed shall be of the latest manufacture in production as of the date of the ITB and be of proven performance and under standard design complete as regularly advertised and marketed. All necessary materials for satisfactory performance of the supplies shall be incorporated into the Corrosion Inhibited Liquid Magnesium Chloride (Clear Roads Product Category 1) whether or not they may be specifically mentioned below.

Complete specifications, manufacturer's current descriptive literature and/or advertising data sheets with cuts or photographs must be included with the ITB for the IDENTICAL items proposed. Any information necessary to show compliance with these specifications not given on the manufacturer's descriptive literature and/or advertising data sheets must be supplied in writing on or attached to the ITB. If manufacturer's information necessary to show compliance with these specifications is not attached to the ITB, the Bidder may be required to submit requested information within three (3) business days of a written request. Failure to submit requested descriptive literature or advertising data sheets may be grounds to reject the Bid.

#### B. AMENDMENT

This Contract may be amended in writing, within scope, upon the agreement of both parties.

#### C. CHANGE ORDER

This Purchase Order may be amended in writing, within scope, upon the agreement of both parties.

#### D. REVISIONS

In the event any product is discontinued or replaced upon mutual consent during the contract period, the State reserves the right to amend this contract to include the alternate product at the same price.

#### E. PRICING

Prices quoted shall be unit price (per gallon) and shall be firm for one (1) year from date of an award and are to be net; including transportation and delivery charges fully prepaid by the Bidder F.O.B. Destination as specified to any location within a Nebraska Department of Transportation (NDOT) area, as specified in Attachment A (Bid Sheet for Corrosion Inhibited Liquid Magnesium Chloride). No additional charges will be allowed for packing, handling, fuel surcharge, or partial delivery costs.

Any request for an increase must be submitted in writing to the SPB a minimum of thirty (30) days prior to proposed effective date of increase, and must show cause and be accompanied by supporting documentation (such as notification letter from manufacturer). Further documentation may be required by the State, to authenticate the increase (such as manufacturer invoices). Failure to supply any requested supporting documentation may be grounds to cancel the contract. In no instance may a price increase be billed to the State until the contract is amended. Any orders placed <u>PRIOR</u> to any approved price increase shall be billed at the price in place at the time of the order. The State further reserves the right to reject any proposed price increase(s), cancel the contract and re-bid if determined to be in the best interest of the State. The State will be given full proportionate benefit of any decrease for the term of the contract. Contract supplier or suppliers may honor pricing and extend the contract to political sub-divisions, cities, and counties. Terms and conditions of the contract must be met by political sub-divisions, cities, and counties.

Contractor also represents and warrants that all prices set forth in the contract and all prices in addition, which the Contractor may charge under the terms of the contract, do not and will not violate any existing federal, state, or municipal law or regulations concerning price discrimination and/or price fixing. Contractor agrees to hold the State harmless from any such violation. Prices quoted shall not be subject to increase throughout the contract period unless specifically allowed by these specifications.

#### F. ORDERS AND DELIVERY

Orders will be placed either by, phone, fax, e-mail or Internet (if available and not to the exclusion of the other methods) by NDOT Procurement stating the location, quantity and purchase order number. Orders and directions for delivery locations shall only be authorized by NDOT personnel.

There will be no minimum order requirements. Deliveries must be clearly marked with the purchase order number. If delays in delivery are anticipated, the Contractor will immediately notify the point of contact of the expected delivery date.

#### **FAILURE TO DELIVER**

- a. If the Contractor cannot make delivery as stated on the purchase order and as specified in this ITB and delays in delivery are anticipated, the Contractor will immediately notify the point of contact of the expected delivery date.
- b. The State reserves the right to cancel orders and place the order with another vendor when the Contractor is unable to complete an order as specified in this ITB. The difference in cost between contracted amount and that which is paid by the State will be charged to the account of the original Contractor.

All orders must reference a purchase order number and the purchase order number must be referenced on the packing slip, invoice and stamped weight/delivery ticket. Invoices are to be sent to the "Invoice to" address on the purchase order.

Deliveries are to be made during normal working hours, except State holidays, between 8:00 a.m. and 4:00 p.m., Monday — Friday. If an emergency exists, delivery may be made through prior arrangements with receiving personnel.

State holidays are as follows:

New Year's Day

Martin Luther King, Jr. DayThird Monday in January

President's Day
Arbor Day
Memorial Day
Independence Day
Third Monday in February
Last Friday in April
Last Monday in May
July 4\*

Labor Day First Monday in September Columbus Day Second Monday in October

Veteran's Day November 11\*

Thanksgiving Day Fourth Thursday in November Day after Thanksgiving Friday following Thanksgiving

Christmas Day December 25\*

\*When the starred holiday falls on a Saturday, it shall be observed on the preceding day. When the starred holiday falls on a Sunday, it shall be observed on the following day.

Shipments of Corrosion Inhibited Liquid Magnesium Chloride (Clear Roads Product Category 1) to specified locations will be in truckloads of approximately 4500 gallons.

At the time of delivery, a designated State of Nebraska employee will sign the "invoice/packing slip." This signature will only indicate that the order has been received and that the items actually delivered agree with the delivery invoice. This signature does not indicate all items were received in good condition and/or that there is not possible hidden damage.

A successful Contractor will maintain sufficient inventory to process and deliver within the specified days ARO as stated below.

#### G. FIELD INSPECTION, UNLOADING, SAMPLING and TESTING

Prices. Prior to delivery of each load, Contractor shall provide a 24-hour advanced delivery notification to NDOT District Personnel during normal working hours as specified under "Orders and Delivery."

Contractors shall not offload any material without affording the Nebraska Department of Transportation (NDOT) an opportunity to conduct the field inspection, sampling or testing. Sampling of the liquid deicing products will be conducted by the Department. A one-gallon sample may be taken at the point of delivery from either the tanker truck

or from the Department's receiving tank (if the tank was empty prior to delivery). Samples obtained from the tanker truck will be taken from the transfer hose, in one-third increments as the product is being transferred. Offloading of material without affording NDOT an opportunity to conduct said work shall deem the delivered material non-compliant and is subject to total rejection. Only with prior written approval granted by NDOT shall the Contractor offload any material without field inspection, sampling and testing.

All testing will be conducted by NDOT and the field samples will be large enough for additional testing. Field samples will be retained for three months and records of the tests will be retained by NDOT. Samples sent to the NDOT Laboratory will be tested for conformance to specification during the year. Each product may be tested for specific parameters; if a sample fails to comply with requirements stipulated herein, the price adjustments specified in Attachment E (Price Adjustments for Corrosion Inhibited Liquid Magnesium Chloride) may apply. The Contractor will be notified immediately of the material not meeting specifications and the Contractor will be expected to take action to correct the problem. All deliveries may cease until the Department determines that the required specifications are being met and that adequate quality control has been re-established by the Contractor. The Contractor may also be held responsible for the cost of removal cleanup of all delivered material that fails to comply with this specification. Test results from the NDOT Laboratory will be final and in the best interest of NDOT. In the event a product fails more than one test requirement, resulting in more than one price adjustment, the highest resulting price adjustment will be the adjustment applied. Attachment E (Price Adjustments for Corrosion Inhibited Liquid Magnesium Chloride) outlines the price adjustments for non-conforming product.

#### VI. TECHNICAL SPECIFICATIONS

#### A. BIDDER INSTRUCTIONS

Bidder must respond to each of the following statements. Specifications listed are minimum conditions that must be met in order for a bidder to qualify for the award.

"YES" response means the Bidder guarantees they can meet this condition.

"NO" response means the bidder cannot meet this condition and will not be considered.

"NO & PROVIDE ALTERNATIVE" responses should be used only with a narrative response in the NOTES/COMMENTS section explaining in detail any deviation from the bidder's ability to meet the condition, and an explanation of how this would be determined to be an acceptable alternative to meeting the condition. Alternatives must be detailed in such a way that allows such deviations to be fully evaluated. The State shall determine at its sole discretion whether or not the Bidder's alternative is an acceptable alternative.

#### B. NON-COMPLIANCE STATEMENT

YES	NO	NO & PROVIDE ALTERNATIVE		
ANO OF THE PROPERTY OF THE PRO			1.	Read these specifications carefully. Any and all exceptions to these specifications must be written on or attached to Bid response. Any noncompliance may void your Bid. Non-compliance to any single specification can void your Bid.
AK.			2.	It is the responsibility of Bidders to obtain information and clarifications as provided below. The State is not responsible for any erroneous or incomplete understandings or wrongful interpretations of this ITB by any Bidder.
TH			3.	No interpretation related to the meaning of Bid specifications or other Pre-Bid documents will be made orally to any Bidder by the State. Any Bid interpretation must be put in writing by the bidder to: the State Purchasing Bureau, E-mail questions to SPB.  as.materielpurchasing@nebraska.gov by the last day to submit written questions per the Schedule of Events. (Inquiries received after the last day to submit written questions may not be addressed).
NOTES/0	OMMENT	rs:		

# C. TECHNICAL SPECIFICATIONS: TITLE/DESCRIPTION OF GOODS

YES	NO	NO & PROVIDE ALTERNATIVE		
		TH - Currently Being Tested By Clear Roods	1.	Condition as Received: The Corrosion Inhibited Liquid Magnesium Chloride (Clear Roads Product Category 1) shall arrive at the delivery point in a free-flowing and usable condition.
A			2.	All bidders must include with their bid submission a completed Attachment B (Product Checklist for Corrosion Inhibited Liquid Magnesium Chloride), and list on that form each product and/or supplier origin they intend to utilize in fulfilling the contract.
1			3.	The chemical, biological, and physical analyses of all products must satisfy the standard limits and testing requirements detailed in Attachment C (General Specifications).

Deliagio 130	4.	All products being submitted for this bid that haven't been previously qualified by Clear Roads must also submit the chemical, biological, and physical analyses performed by an independent laboratory with American Association for Laboratory Accreditation (ISO 17025). Specifically, this documentation must include the following: Product Data Sheet, Safety Data Sheet(s), eutectic temperature chart and graphs, independent lab results, as specified in Attachment C (General Specifications), and a toxicity report.
	5.	All products being submitted for this ITB must include one (1) one- gallon container sample of product(s).
JA  Blivered 8/6/20		Sample(s) of product(s) shall be provided by the bid opening date at no cost to the State and will not be returned to the Bidder upon completion of testing. Sample(s) of product(s) are to be of material and construction as bid. Failure to supply sample(s) and/or sample(s) that do not meet specifications and/or fail any of the protocols/tests as outlined herein, may be grounds to reject the bid. Bids may be rejected based on the quality of sample(s) provided. Sample(s) shall be shipped to:
		Nebraska Department of Transportation Materials and Research Division Chemistry Laboratory 1400 HWY 2 Lincoln, NE 68502
		Receiving hours are between 9:00 A.M. and 4:00 P.M., Monday through Friday (excluding State holidays and/or as otherwise directed).
TH	6.	Product must contain no less than 25% magnesium chloride, and no more than 30% magnesium chloride, as determined in accordance with Clear Roads Test Method A.
THE STATE OF THE S	7.	Weight per gallon will be established according to the specific gravity and percentage of magnesium chloride contained in the product bid, as determined by the State.
JH	8.	The finished deicing product, including corrosion inhibitors, must be completely accomplished at the original manufacturing plant location. Post-addition of corrosion inhibitors or any other ingredients and splash mixing is unacceptable after the product has left the original manufacturing plant.
TH ICE PH is	EB'Gare 9. 4.0-5.0	The pH must be 6.0 – 9.0. Test Method: ASTM D1293, except a dilution shall be made of one part chemical product to four parts distilled water before attempting a reading.
TH	10.	This chemical product shall not contain greater than 1.0% (V/V) total settleable solids and shall have at least ninety-nine percent (99.0%) of the solids passing through a number 10 sieve after being stored at -17.8°C +/- 1°C (0°F +/- 2°F) for 168 hours (seven days), as determined in accordance with Clear Roads Test Method C.
NOTES/COMMENTS: 60	ver pH a	offset other high pH inputs.

# D. ANNUAL USAGE, ESTIMATED

YES	NO	NO & PROVIDE ALTERNATIVE	
JH-			Annual usage figures provided are estimates and are not to be construed as either a minimum or maximum purchase quantity. The orders shall be for the actual quantities of each item ordered by or for any agency during the life of the contract. Contractor shall not impose minimum order requirements.

JH			2.	Estimated annual usage is shown in Attachment A (Bid Sheet for Corrosion Inhibited Liquid Magnesium Chloride).
NOTES/C	OMMENT	S:		

#### E. USAGE REPORT

YES	NO	NO & PROVIDE ALTERNATIVE		
At			1. 2. 3. 4. 5. 6. 7. 8. 9.	The contractor shall, upon request, provide a quarterly usage report of this contract by state agencies and political subdivisions. Information may be requested at any time by the SPB, as determined by the State. Agency or Political Subdivision name; Item description; Item number; Item number; Item dollar amount; Number of orders received; Orders processed; Back orders; and, Partially filled orders.
NOTES/C	OMMENT	rs:		

#### F. DELIVERY ARO

YES	NO	NO & PROVIDE ALTERNATIVE		
SH			1.	For each District bid, Bidder certifies they can meet delivery to all locations within a District as specified in Attachment A (Bid Sheet for Corrosion Inhibited Liquid Magnesium Chloride). Additionally, Bidder agrees to deliver to any additional storage and/or locations within each District that NDOT may add at any time during the term of the contract.
NOTES/0	OMMEN	rs:		

#### G. QUALITY

YES	NO	NO & PROVIDE ALTERNATIVE		
		JH Ice B'Gome is covered being tested by Clear		Shipments of Corrosion Inhibited Liquid Magnesium Chloride (Clear Roads Product Category 1) must meet specifications and be consistent for the term of the contract. All materials must be of first quality, under standard production by the manufacturer, complete as regularly advertised and marketed and be of proven performance.
			2.	A guarantee of satisfactory performance by the contractor and meeting delivery dates are considered to be an integral part of the purchase contract resulting from this ITB.

M	guaranteed and may be returned for full credit or te's option) for any reason with no additional restocking.
NOTES/COMMENTS	

#### H. SUBSTITUTIONS

YES	NO	NO & PROVIDE ALTERNATIVE		
TH			1:	Contractor will not substitute any item that has been awarded without prior written approval of SPB.
NOTES/C				prior written approval of SPB.

#### I. SECRETARY OF STATE REGISTRATION REQUIREMENTS

\*\*\*CHOOSE "YES" TO BEST ANSWER ONLY, CHOOSE "NO" FOR REMAINING LINES\*\*\*

YES	NO	NO & PROVIDE ALTERNATIVE	*Prior to contract award and/or upon request of SPB, potential award recipient(s) will be asked to certify compliance with Nebraska Secretary of State Registration by providing a true and exact copy of current (dated within 90 days) valid Certificate of Good Standing or Letter of Good Standing.
<b>A</b>			<ol> <li>Bidder is a SOLE PROPRIETORSHIP (in which case, no Letter of Good Standing/Certificate of Good Standing is required)</li> <li>If the Bidder is an Individual or Sole Proprietorship, the following applies:         <ol> <li>The Bidder must complete the United States Citizenship Attestation Form, available on the Department of Administrative Services website at <a href="http://das.nebraska.gov/materiel/purchasing.html">http://das.nebraska.gov/materiel/purchasing.html</a></li> </ol> </li> <li>The completed United States Attestation Form should be submitted with the Invitation to Bid response.</li> <li>If the Bidder indicates on such attestation form that he or she is a qualified alien, the Contractor agrees to provide the U.S. Citizenship and Immigration Services documentation required to verify the Contractor's lawful presence in the United States using the Systematic Alien Verification for Entitlements (SAVE) Program.</li> <li>The Bidder understands and agrees that lawful presence in the United States is required and the Contractor may be disqualified or the contract terminated if such lawful presence cannot be verified as required by Neb. Rev. Stat. § 4-108.</li> </ol>
			2. Bidder is a GENERAL PARTNERSHIP (in which case, no Letter of Good Standing/Certificate of Good Standing is required)  3. Bidder is a FOREIGN or DOMESTIC CORPORATION or BUSINESS and a copy of current Letter of Good Standing/Certificate of Good Standing from the Nebraska Secretary of State will be provided in a timely manner upon request
NOTES/C	COMMENT	TS:	prior to award.

# Form A Contractor Contact Sheet Invitation To Bid Number 6324 OF

Form A should be completed and submitted with each response to this ITB. This is intended to provide the State with information on the Contractor's name and address, and the specific person(s) who are responsible for preparation of the Contractor's response.

	Preparation of ITB Contact Information				
Contractor Name: BlackStrap Inc.					
	PO BUX 258				
Contractor Address:	Neugh NE 48756				
Contact Person & Title:	Ted Hughes, president				
E-mail Address:	ted@blackstrapinc.com				
Telephone Number (Office):	402-887-5651				
Telephone Number (Cellular):	402-929-0573				
Fax Number:	402-887-5663				

Each Contractor shall also designate a specific contact person who will be responsible for responding to the State if any clarifications of the Contractor's response should become necessary.

Communication with the State Contact Information					
Contractor Name:	Contractor Name: BlackStrap Inc.				
Contractor Address:	POBOX 258 Neugh NE 48756				
Contact Person & Title:	Ted Hughes, President				
E-mail Address:	ted@blackstrapinc.com				
Telephone Number (Office):	402-887-5651				
Telephone Number (Cellular):	402-929-0573				
Fax Number:	402-887-5663				

Vendor Name			Est. ann. rqmt	BID
District	Yard	Address	(gallons)	price per gallo
<b>\</b>	<b>+</b>	<b>↓</b>	(gallotis)	delivered
ONE	David City	235 Iowa St, 68632		
	Greenwood	12909 238th St, 68366		
	Lincoln - Superior	302 Superior St, 68521		
	Seward	2500 NE Hwy 15, 68434		
	Wahoo	2311 Aspen St, 68066		
	Beatrice	117 Hill St, 68310		
	Blue Springs	38586 NE Hwy 112, 68347		
	Dorchester	508 W Depot St, 68343		
10	Fairbury	1500 K St, 68352		
	Lincoln - Salt Valley	5300 Salt Valley View St, 68512	9,000	\$2.16
	Pawnee City	900 B St, 68420		
	Wilber	RP 61, NE Hwy 41, 68465		
(1)	Auburn	2127 J St, 68310		
	Eagle	1207 S 214th Street, 68347		
	Falls City	1525 E 14th St, 68355		
	Nebraska City	6170 US Hwy 75, 68410		
	Palmyra	510 F Road (Hwy 2), 68418		
	Syracuse	RP 51.5, NE Hwy 50, 68446		
	Tecumseh	772 N 1st St, 68450		
			Extended Price →	\$19,440.00
TWO	Omaha - Dome	4425 S 108th St, 68145		
	Omaha - Mormon Bridge	5015 Battlefield Dr, 68152		1
	Omaha - South	5929 S 25th St, 68107		
I my	Blair	2252 Pittack St, 68008		
	Fremont	2550 W 23rd Dr, 68026	58,500	\$2.14
	Elkhorn	2829 N 204th St, 68022		
	Manley	RP 13, NE Hwy 1, 68403		
(2)	Melia Hill	15525 S 234th St, Gretna, 68028		
	Plattsmouth	1000 S 22nd St, 68048		

1	Vendor Name →		<u>0</u>	Est. ann. rqmt	BID
j	District	Yard	Address	(sallons)	price per gallon

Extended Price → \$125,190.00

<b>+</b>	<b>V</b>	↓	(Raiioiis)	delivere
		2554 NE II 20, 50520	T	
THREE	Albion	2664 NE Hwy 39, 68620		
	Clarkson	120 Bryan St, 68629		
	Columbus	3303 12th St, 68601		
	Humphrey	26830 NE Hwy 91, 68642		
	Schuyler	E 22nd & H St, 68661		
	Bloomfield	54506 NE Hwy 84, 68718		
	Neligh	910 E Hwy 275, 68756		
	Niobrara	269 Cedar St, 68760		
	Plainview	86398 538 Ave, 68769		
	Norfolk	408 N 13th St, 68701—Intersection of Hyw 24 and Channel Road	472,500	\$2.12
	West Point	1500 N Lincoln St, 68788		
	Dakota City	2300 Broadway St, 68731		
3	Lyons	1150 County Rd RS, 63038		
1	S Sioux City	500 W 9th St, 68776		
	Crofton	55268 NE Hwy 12, 68730		
	Hartington	215 Industrial Rd, 68739	1	
	Laurel	214 US Hwy 20 N, 68745		
	Newcastle	102 Broadway St, 68757		
	Wayne	1300 E 7th St, 68787		
		Exte	nded Price →	\$1,001.7

Vendor Name →		<u>0</u>	Est. ann. rqmt	BID
District	Yard	Address	(gallons)	price per gallon

<b>V</b>	4	<b>.</b>	(Ballotts)	delivered
FOUR	Central City	1406 6th St, 68826		
FOOR	Fullerton	54957 NE Hwy 14, 68638		
1	Greeley	401 N Railway St, 68842		
	Loup City	47561 NE Hwy 92, 68853		
-	Ord	620 U St, 68862		
	St Paul	1355 US Hwy 281, 68873		
	Geneva	535 S 13th St, 68361		
:	Hebron	110 N 13th St, 68370		
	Osceola	521 N Kimmel St, 68651		
	Strang	RP 76, NE Hwy 74, 68444		
	York	121 W South 21st St, 68467		40.04
	Grand Island	3305 W Old Potash Hwy, 68802	22,500	\$2.21
	Kearney (I-80)	415 W Talmadge St, 68845		
	Kearney (Hwy-30)	4001 W US Hwy 30, 68848		
4)	Ravenna	42775 NE Hwy 2, 68869		
	Shelton	4558 Shelton Rd, 68876		
	Aurora	RP 61, NE Hwy 14, 68818		
	Ayr	11990 6th St, 68925		
	Harvard	975 US Hwy 6, 68944		
	Hastings	111 E US Hwy 6, 68902		
	Red Cloud	602 S US Hwy 281, 68970		
	Superior	1330 E 3rd St, 68978		
	Saparier		Extended Price ->	\$49,725.0
FIVE	Alliance	298 Husker Rd, 69301		
TIVE	Chadron	430 Stockade Road, 69337		
	Crawford	3621 US Hwy 20, 69339		
	Gordon	6737 NE Hwy 27, 69343		
	Harrison	840 US Hwy 20, 69346		
	Hemingford	821 Rolland Ave, 69348		
	Bridgeport	510 E US Hwy 385, 69336	9,000	\$2.35
	Gering	140375 Rundell Rd, 69341		
	Oshkosh	RP 104.5, US Hwy 26, 69154		
(5)		1450 Road 165, 69129		
(5)	I Chappen			I
(5)	Chappell Harrisburg	RP 39, NE Hwy 71, 69345		
(5)	Harrisburg Kimball	RP 39, NE Hwy 71, 69345 3979 Road 32		

Vendor Name →		<u>0</u>	Est. ann. rqmt	BID
District	Yard	Address	(gallons)	price per gallon
<b>\</b>	↓	<b>V</b>	(85)	delivered

SIX	Gothenburg	123 Lake Ave, 69138		
SIX	Lexington	2812 Plum Creek Pkwy, 68850		
	Maxwell	20053 E Island Road, 69151		
	North Platte (I-80)	500 W South River Rd, 69103		
	North Platte (W-30)	2400 W 14th St, 69103		
	Sutherland	920 NE Hwy 25, 69165		
	Wallace	201 E NE Hwy 23, 69169		
	Big Springs	114 Frontage Rd, 69122		
700	Ogallala	307 E D St S, 69153		
	Lake Mac (Brule) MM 141.3, US-26, 69127		9,000	\$2.30
THE LANGE	Paxton	2051 E County Rd 80, 69155	3,000	<b>,</b>
	Ansley	406 Division St, 68814		
<b>6</b> )	Arnold	510 S Carroll St, 69120		
0	Broken Bow	515 E South E St, 68822		
	Oconto	78008 NE Hwy 21, 68860		
	Arthur	118 W Hawkins St, 69121		
	Hyannis	401 E Hwy 2, 69350		
	Mullen	402 SE 1st St, 69152		
	Stapleton	122 NE Hwy S57A, 69163		
	Thedford	83880 US Hwy 83, 69166		

			Extended Price →	\$21,240.00
	Palisade	72617 NE Hwy 25A, 69040		ļ
	Imperial	101 South St, 69033		
	Grant	328 E NE Hwy 23, 69140		
7)	Benkelman	70600 Avenue 338, 69021		
	McCook	38764 US Hwy 6, 69001		
	Maywood	38587 NE Hwy 23	5,000	<b>*</b>
	Elwood	101 Ripley St, 68937	9,000	\$2.36
	Arapahoe	703 11th St, 68922		
	Minden	509 W 9th St, 68959		
	Holdrege	1013 W 4th Ave, 68949		
Γ	Franklin	1814 † St, 68939		
SEVEN	Alma	1004 10th St, 68920		

Vendor Name -		<u>0</u>	Est. ann. rqmt	BID	
District Yard		Address	(gallons)	price per gallon	
<b>4</b>	<b>1</b>	<b>V</b>	(Bullotis)	delivered	
	Ainsworth	736 E 4th St, 69210			
EIGHT	Allisworth				

Γ	Springview	306 N Main St, 68778	-	
	Atkinson	504 N Carberry St, 68713		
	Bartlett	210 Randolph St, 68622		
	Burwell	82403 NE Hwy 11, 68823		
5-4-4	Naper	47004 NE Hwy 12, 68755	27,000	\$2.23
	O'Neill	404 W Douglas St, 68763		
	Spencer	401 Hillcrest Blvd, 68777		
(8)	Taylor	82367 Rusho Dr, 68879		
Ī	Cody	312 W Ohio St, 69211		
	Merriman	511 N Main St, 69218		
	Valentine	602 E 1st St, 69201		
———— <del>!</del>			Extended Price →	\$60,210.00

# PRODUCT CHECKLIST FOR CORROSION INHIBITED LIQUID MAGNESIUM CHLORIDE (CLEAR ROADS PRODUCT CATEGORY 1) **6324 OF Attachment B**

# ITB # 6324 OF ITB # 6324 OF

# ! THIS FORM MUST ACCOMPANY YOUR BID SUBIVIESION!

- All products being submitted during this bidding opportunity must also be accompanied by one (1) one-gallon container sample of product(s).
- D D D analyses performed by an independent laboratory with American Association for Laboratory Accreditation (ISO 17025). See also Attachment C. Vendors must list on this form each product and/or supplier origin they intend to utilize in fulfilling the contract. All products being submitted that are not already Clear Roads Qualified must also be accompanied by the chemical, biological, and physical
- 1 Type or print clearly in ink, in all fields (use "N/A" where appropriate).

		Product #	•		,	_	ט	U	^	4	П	U
Th		Product Name		ice B Gone								
This information must be provided for ALL products.		Manufacturer		Sears Ecological/ I aconic Maintence								
vided for ALL products.		Supplier Origin	حالا عالم	Cannon Falls IVIII								
	-gallon ample of the	One (1) one container so product		<u> </u>		C g		C g		L Yes	]	Li Yes
	s Qualified?	Clear Road	☐ Yes	N <sub>O</sub>	Yes	N <sub>O</sub>	Yes	No No	☐ Yes	N N	☐ Yes	No No
This	a Sheet	Product Dat	■ Attached	□ N/A	☐ Attached	□ N/A	☐ Attached	□ N/A	☐ Attached	□ N/A	☐ Attached	□ N/A
s material mu	a Sheet(s)	Safety Dat	Attached	□ N/A	☐ Attached	□ N/A	☐ Attached	□ N/A	☐ Attached	□ N/A	☐ Attached	■ N/A
ıst accompan		Eutectic te chart and g	Attached	□ N/A	☐ Attached	□ N/A	☐ Attached	□ N/A	☐ Attached	□ N/A	☐ Attached	□ N/A
This material must accompany NEW products.		Independen specified in Specification	Attached	□ N/A	☐ Attached	□ N/A	☐ Attached	□ N/A	☐ Attached	□ N/A	☐ Attached	□ N/A
Jets.	port	Toxicity Re	Attached	□ N/A	☐ Attached	□ N/A	☐ Attached	□ N/A	☐ Attached	□ N/A	☐ Attached	□ N/A

Bidder Signature Ted D Hughes

Bidder Printed Name

08/05/2020

Date Submitted (mm/dd/yyyy)

Send all samples to this address:

Materials and Research Division Chemistry Laboratory Nebraska Department of Transportation L400 Hwy 2, Lincoln, NE 68502





# WORK SMARTER....NOT HARDER SNOW AND ICE TECHNOLOGY (RE) DEFINED!

The combination of a low molecular weight carbohydrate and a chloride salt [US Patent #6,299,793] produces:

- Significant Freeze Point Depression!
- Lower Salt Usage!
- Corrosion Reduction!

This patented technology-

- Is the most significant breakthrough in snow and ice removal since the introduction of salt for melting.
- Can be used on rock salt, brines or with calcium chloride.
- Will save the user money through lower salt usage (30--35%), fewer truck trips, less equipment corrosion, less structures corrosion.
- Will make roads safer!
- Has been proven over the last 7 years throughout the Northeast and the Midwest.

ICE B' GONE® is a liquid product used for direct application to snow and/or ice covered surfaces, or for treating salt to be used on such surfaces.

ICE B' GONE® will make the salt work down to -10 F or more, thus eliminating the need for sand or cinders, and their attendant problems.

Corrosion is reduced to below the PNS threshold of 30%, thus providing significant savings to equipment and structures.

Salt usage is reduced by reducing bounce and scatter, and also because of the significant freeze point reduction that is caused by the addition of the carbohydrate to the salt.

Freeze point reduction means longer working time to dilution!!

USING ICE B' GONE® GIVES THE ABILITY TO IMPROVE SERVICE, SAVE MONEY AND BENEFIT THE ENVIRONMENT AS NO OTHER ICE MELTING PRODUCT HAS BEEN ABLE TO DO BEFORE!

Ice B' Gone is currently undergoing the test procedures by Clear Roads for approval in four different Categories on the Qualified Product List including a new experimental category. Preliminary results show it may have highest corrosion reduction rate for Category 1- Corrosion Inhibited Liquid Magnesium Chloride.

Applying Straight Ice B Gone:

25 Gal per lane mile works to -40°F

Applying 20% Ice B Gone with 80% Salt Brine:

40 Gallons per Lane mile works to -5°F

Applying 30 % Ice B Gone with 70% Salt Brine:

40 Gallons per Lane Mile works to -15°F

Applying 8 gallons of Ice B Gone to 1 ton of Rock Salt:

Spread at 400 LB per Lane Mile works to -35°F

Applying 4 Gallons of Ice B Gone to 1 ton of Rock Salt:

Spread at 400 lb per Lane Mile works to -20°F

Other variations achievable to fit desired weather conditions. Results may vary based on weather variables.



SAVES MONEY, TIME AND LABOR: Applying Ice B' Gone Magic will reduce the volume of de-icing material needed to maintain favorable conditions by 30% to 50%. Additionally fewer re-applications will be needed due to common refreeze associated with the use of Calcium Chloride.

WORKING TEMPERATURE OF -35°F: Ice B' Gone Magic will consistently work to much lower temperatures for prolonged periods of time by reducing the freezing point of water, calcium chloride works through a chemical reaction that creates a short burst of extreme heat to start the brine or melting solution which must be shoveled away to prevent refreeze. Recurring refreeze cycles will prematurely age concrete leading to failure.

LESS CORROSIVE: Through the use of Ice B' Gone Magic there will be a 50% reduction in damage to doors, thresholds, equipment, carpets, flooring and concrete commonly associated with the use of Calcium Chloride.

ECONOMICALLY SUPERIOR: Because it works faster and lasts longer, less Ice B' Gone Magic is required to displace an equal amount of ice or snow than any other ice-melter... at any price. Because of its residual effect, snow & ice will not bond to the pavement. Black ice and hard packed snow are virtually eliminated.

BENIFICIAL FOR YOUR HEALTH: Calcium Chloride is a caustic chemical that states safety precautions must be observed when applying including the use of gloves and respirators. Hand washing procedures are also outlined & encouraged when there is contact with skin. Ice B' Gone Magic does not require respirators or gloves.

WON'T CLUMP OR FREEZE: Saving your spreaders from damage & eliminating unusable bags commonly associated with calcium chloride. Calcium Chloride is hygroscopic and absorbs moisture from the air which can decrease the shelf life and cause the product to become rock hard and unusable in the bag.

NO SHELF LIFE: Ice B' Gone never loses it's effectiveness to de-ice no matter how long it is stored.

NO VISIBLE RESIDUE: When applied correctly, there will be no residue associated with the use of Ice B' Gone Magic. Generally there is a messy and slippery residue of white pellets left behind with the use of the Calcium Chloride. Also, Calcium Chloride has a greasy nature that can lead to an increased rate of slip and fall injuries if tracked inside on a finished floor surface such as tile.

ENVIROMENTALLY FRIENDLY: Ice B' Gone Magic Liquid is biodegradable. Ice B' Gone Magic releases far less chlorides into the environment than plain rock salt or Calcium Chloride. IBG Magic is safer around vegetation, people, pets and equipment. The first de-icing product to receive the coveted Design for Environment (DfE) recognition from the United States Environmental Protection Agency (EPA).

PET FRIENDLIER: Ice B' Gone will not burn or irritate sensitive paws as it works by lowering the freeze point of water and does not generate extreme heat! People are supposed to wear gloves and respirators when around calcium chloride. Since your pets don't wear gloves or respirators how can we expose their sensitive skin to that?

Proudly Distributed by: BlackStrap Inc.

PO Box 258 • Neligh, NE 68756 • Phone: 402-887-5652

Email: alex@blackstrapinc.com



Over the last several years, sodium chloride (NaCl) brine (Salt Brine) has gained widespread approval with municipalities and contractors. Brine, when blended and applied correctly, has been proven to be safe, effective, cost-effective, and better for our environment.

Implementation: Sodium chloride brine (Salt Brine) at 23.3% salinity can be manufactured easily and inexpensively. Contrary to popular belief, you don't need to spend tens of thousands of dollars to manufacture brine. A resourceful do-it-yourselfer can build high-volume brine makers inexpensively. The same can be said for a spray system or brine application unit. Tanks, totes, spray bars and pumps are relatively inexpensive. Even fully automated commercial units, which may be better suited for very large municipalities and contractors, are coming down slightly in price.

Costs and material management: Using sodium chloride brine (Salt Brine) can save you a substantial amount of money in applied material costs while dramatically increasing the coverage area. Switching from granular rock salt to brine can result a in large decrease in salt usage to do the same job. For Example ... If you apply 500 lbs. of white salt per acre, 1 ton will cover 4 acres. With Salt brine that same 1 ton of salt will make approximately 874 gallons of salt brine. If you apply brine at 60 gallons per acre you can cover approx. 14.5 acres. That's over 3 times the amount of coverage.

Application methods and performance: Salt brine, applied as an anti-icing agent has the ability to melt a .5 inch to .75 inch of snow. Pretreating pavement with salt brine prior to a more significant snow event can reduce the time it takes to reach bare pavement dramatically, by acting as an anti-bonding agent. This will allow you to peel the ice and snow from the pavement, rather than needing to scrape it off and reapply. The Salt Institute estimates that pre-event anti-icing with brine can be 10 times more effective than deicing with salt after ice and snow have bonded to the surface. Brine uses one-third to one-quarter the amount of material used in deicing.

Brine shortfalls. Although Salt brine is pretty good in many scenarios ... Salt brine has some pretty significant short falls. Salt brine will never completely replace rock salt as a deicer, but it can be a valuable tool in your snow and ice tool box. Brine does have some limitations. At 20° F, brine loses most of its ice-melting ability. Contractors that are use to using straight IBG Magic will be sorely disappointed in brine's performance, even considering the cost savings. Because brine is only 23.3% salinity, it tends to dilute quickly in high moisture content snow events. As it dilutes, brine's anti-bonding properties diminish, its ice-melt capacity drops, and refreezing will occur. Salt Brine Facts:

Salt Brine is simply salt that is dissolved in water with an ending concentration or salinity of 23.3% salt.

Salt Brine is only effective until temperature reaches 18°F to 20°F.

Salt Brine is 100% corrosive.

Salt Brine recommended application rates start at 60 gallons per lane mile or acre

Salt Brine— is micro particles of salt suspended in water, when applied directly to the road surface at 60 gallons per lane mile it appear as wet lines... which will dry ... become white lines .... And ultimately a white haze covering everything in close proximity. Once the water has evaporated from the brine the micro particles of salt will become aerated and will attach themselves to anything steel that is nearby ..thus leaving less brine on the road surface where it is useful Remember this Example from above is using WHITE SALT and PLAIN SALT BRINE ...

If you apply 500 lbs. of white salt per acre, 1 ton will cover 4 acres.

(2000 lbs / 500 lbs = 4)

With Salt brine that same 1 ton of salt will make approximately 874 gallons of salt brine. If you apply brine at 60 gallons per acre you can cover approx. 14.5 acres.

(874 gallons/60 gallons = 14.5 acres)That's more than 3 times the amount of coverage of 1 ton of granular rock salt

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PO Box 258 • Neligh, NE 68756 • Phone: 402-887-5652

Email: alex@blackstrapinc.com

# The Only Liquid You Will Need! Conserve Salt -Buy It Once & Use It 3 Ways:



#### Ice B' Gone Magic Stockpile Treating

Dramatically Reduces Salt Usage with Much Better Results
Will Work To -35 Degrees — Reduces Corrosive Nature By 85%
Reduce Application Rates By 30% -50% - Builds Valuable Residual
Reduces Bounce & Scatter — Reduces Black Ice & Hard Pack
Reduces Damage to Pavement, Plant Material & the Planet

#### **Ice B' Gone Magic Enhanced Super Brine**

For Anti-Icing, De-icing or Spraying At The Spinner

Add 20% IBG Magic - Your Brine Will Work To -5 ° Below Zero

Will Reduces Corrosion Associated With Standard Brine Use

Successfully Keep The Brine On The Road Where It Is Applied

Reduces Application Rates Of Enhanced Brine = Reducing Salt





#### Ice B'Gone Magic Anti-Icing Liquid Application

Applied Directly Will Work To -45°Below Zero
For Anti-Icing—App Rates As Low As 20 Gallons Per Lane Mile
Anti-icing Will Reduce De-icing Material By 10 Times
First Liquid Recognized By The US EPA / DfE Program
Naturally Non-Corrosive!

### Conserve Salt ..... Buy It Once & Use It 3 Ways:

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PO Box 258 • Neligh, NE 68756 • Phone: 402-887-5652
Email: alex@blackstrapinc.com





Prepared June 1,2015

Supersedes all previous versions

Version: 2015.1

#### SECTION 1: Identification of the Product/Mixture and of the Company

**Product form:** 

Substance: Liquid Mixture

**Product Name:** 

**ICEB'GONE** 

**Product Use:** 

De-Icing - Anti Icing - NaCl Treatment

Manufacturer:

Sears Ecological Applications Company LLC

1914 Black River Blvd.

Rome, NY 13440

CAS No.

No CAS number associated, see section No. 2 for component CAS No.

Synonyms:

ICEB'GONE MAGIC, IBG, IBG MAGIC, ICEB'GONE

**Intended Use Of The Product:** 

Anti Icing, Deicing, NaCl treatment

**Responsible Party:** 

**Sears Ecological Applications Company LLC** 

1914 Black River Blvd.

Rome, NY 13440

Telephone:

1-888-847-3226

1-315-337-5600

24 Hr Emergency Contact

315-337-1232

WHMIS Classification:

**Not Controlled** 

**Chemical Family:** 

None (Organic Solution/Distillers Condensed Soluble)

#### SECTION 2: Hazards Identification

#### Classification of the Substance or Mixture

**GHS-US Classification:** 

**Not Hazardous** 

Label Elements	N/A	Physical	Health	Environment	
GHS-US Labeling	N/A	Nich Hannahaus	N-411		
Hazard Pictograms (GHS-US)	N/A	Not Hazardous	Not Hazardous	Not Hazardous	

#### SECTION 3: Composition/Information on Ingredients

Name	Product Identifier	Concentration %	
Magnesium Chloride	CAS No. 7786-30-3	50-60%	
Distillers Condensed Soluble	N/A	40-50%	



#### **SECTION 4: First Aid Measures**

**First - Aid measures general:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advise. Show the label where possible.

Routes of Entry	Health Hazards	Effects of Exposure to Material	First Aid
Eyes	Yes	May cause irritation of eye and lids.	Flush eyes with fresh water for 10 minutes. Seek medical attention if irritation persists.
Skin	Yes	May cause slight irritation.	Wash promptly with warm fresh water and mild soap.
Inhalation	Unlikely - Only in the form of a very fine spray mist	Fine particles from spray mist only may cause irritation of nasal and bronchial passages.	Remove to fresh air.
Ingestion	Unlikely - Has bitter taste and emetic properties	May cause vomiting and tissue irritation.	Rinse mouth out with fresh water. Seek medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms/injury:

Eye irritant

Symptoms/injury after inhalation:

May cause irritation

Symptoms/injury after ingestion:

May cause vomiting

Symptoms/injury after eye contact:

Causes eye irritation

#### SECTION 5: Fire fighting measures

**Extinguishing media** 

Suitable extinguishing media:

This is a non combustible product. Appropriate media should be

determined by surrounding fire. All forms of extinguishing medias are

allowed.

Specific Hazards arising from the chemical:

Aqueous solution may cause surfaces to become extremely slippery

and cause a slip hazard. May emit Chloride gases above 325 F.

**Advise for firefighters** 

Firefighting instructions:

Exercise caution when fighting any chemical fire.

Protection during firefighting:

Firefighters should wear full protective gear. Do not enter fire area

without protective equipment, including but not limited to respirator

protection.



#### **SECTION 6: Accidental Release Measures**

Personal precautions, protective equipment and emergency procedures

Care should be taken as the area may become extremely slippery causing a slipping hazard. General Measures:

Small spills can be rinsed away with water. Larger spills should be surrounded to Spills:

contain liquid and either vacuum up or absorb liquid with absorbent and place in an

appropriate container for disposal. Rinse spill area with water.

Environmental concerns: None

**SECTION 7: Handling and Storage** 

Precautions for safe handling: Wear goggles and gloves, avoid contact with eyes, skin and clothing. Care should be

exercised as not to breath in spray mist. Wash your hands after handling to prevent the

spreading into eyes or other skin areas.

**Precautions for safe storage:** Store in a well ventilated area. Avoid contact with aluminum and brass for storage.

Carbon steel, polypropylene and most plastics are suitable containers.

SECTION 8: Exposure controls/personal protection

No special or engineered controls required **Exposure control:** 

**Respirator protection:** For areas not well ventilated, a NIOSH approved mask is recommended

Use of rubber gloves and long sleeve shirts are recommended Skin protection:

**Eye protection:** Use of safety goggles are recommended

**SECTION 9: Physical and chemical properties** 

**Physical properties** 

Physical state: Liquid

Odor and appearance: **Brownish Liquid** 

Specific Gravity: 1.22 - 1.29

Slightly less than water **Evaporation Rate:** 

approx 105 C **Boiling point:** 

Approx -30 F **Freezing Point:** 

Soluble in water Solubility:

PH:

No data available Odor threshold, vapor density, vapor pressure and % volatile:

4.5 - 7



#### **SECTION 10: Stability and reactivity**

Reactivity/Chemical Stability:

Not known to be reactive. Remains stable under typical storage conditions.

Incompatible materials:

Attacks aluminum, brass, strong oxidizers and some soft metals

**Decomposition Products:** 

Product may release chloride gases above 325 F.

#### **SECTION 11: Toxicological information**

Ingestion:

Ingestion may cause nausea, vomiting and possibly diarrhea.

Inhalation:

Inhalation of spray mist may cause slight irritation to nasal, throat and bronchial

passages.

Eve:

May cause irritation and tearing

Skin:

May cause irritation and rash on extended exposure

Carcinogenicity:

No component is listed as a carcinogen

**Reproductive Toxicity:** 

None

Oral LD50:

8100 mg/Kg

Appraisal:

The material is classified as not toxic

#### **SECTION 12: Ecological information**

**ECO** toxicity:

Fathead minnow NOEC: 1.0g/L

Selenastrum growth NOEC: 2.0 g/L

Ceriodaphnia dubia NOEC 1.0 g/L

Persistence and degradability:

N/A

**Bio-accumulative potential:** 

No data available

Mobility in soil:

No data available

Other adverse effects:

None known

#### **SECTION 13: Disposal considerations**

Material is water soluble & non toxic, however, dispose of in accordance with local, state and federal regulations

#### SECTION 14: Transportation information

**Shipping Name:** 

**Not Required** 

**UN Number:** 

N/A

Hazard class/Packing group:

N/A

**Label Required:** 

None



#### **SECTION 15: Regulatory Information**

CERCLA: This material is not subject to CERCLA release reporting. Spill reports are required under

Federal, state and local regulations

SARA Hazard category: Not a Hazardous material

**EPA TSCA Inventory:** All components in this material are listed on the EPA TSCA Inventory

WHMIA: Not classified as dangerous or a hazard.

#### SECTION 16: Other information

**Authoring date:** 6/1/2015 in accordance with CFR 1910.1200

Prepared by: Sears Ecological Applications Company LLC.

1914 Black River Blvd Rome, New York 13440

NFPA health Hazard: 1 - Exposure could cause irritation but only minor residual

injury even if no treatment is given

NFPA fire hazard: 0 - Non combustible

NFPA reactivity: 0 - Normally stable, even under fire exposure conditions, and is

not reactive with water.

HMIS III Rating:

Health: 1 - Slight Hazard - Irritation or minor reversible injury possible

**Flammability:** 0 - Minimal Hazard **Physical:** 0 - Minimal Hazard

This information is based on our current knowledge and is intended to describe the product for the purpose of health, safety and environmental requirements only. It should not be construed as guaranteeing any specific property of the product.

0

#### **CERTIFICATE OF ANALYSIS**



CLIENT

Sears Ecological Applications Company, LLC

1914 Black River Blvd.

Rome NY

13440

TEL

(315) 337-5600

FAX

(315) 337-0117

ATTENTION

**Dennis Violante** 

RECEIVED / TEMP REPORTED Nov-15-11 10:07 / NA

Nov-30-11

**WORK ORDER** 

CK10194

**PROJECT** 

Analysis of Anti-Icer

#### General Comments:

CARO Analytical Services employs methods which are based on those found in "Standard Methods for the Examination of Water and Wastewater", 21st Edition, 2005, published by the American Public Health Association (APHA); US EPA protocols found in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846", 3rd Edition; protocols published by the British Columbia Ministry of Environment (BCMOE); and/or CCME Canada-wide Standard Reference methods,

Methods not described in these publications are conducted according to procedures accepted by appropriate regulatory agencies, and/or are done in accordance with recognized professional standards using accepted testing methodologies and quality control efforts except where otherwise agreed to by the client.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirity. CARO is not responsible for any loss or damage resulting directly or indirectly from error or omission in the conduct of testing. Liability is limited to the cost of analysis. Samples will be disposed of 30 days after the test report has been issued unless otherwise agreed to in writing.

· All solids results are reported on a dry weight basis unless otherwise noted

• Units:

mg/kg = milligrams per kilogram, equivalent to parts per million (ppm)

mg/L = milligrams per litre, equivalent to parts per million (ppm)

ug/L = micrograms per litre, equivalent to parts per billion (ppb)

ug/g = micrograms per gram, equivalent to parts per million (ppm)

ug/m3 = micrograms per cubic meter of air

"RDL"

Reported detection limit

\* "<"

Less than reported detection limit

"AO"

Aesthetic objective

"MAC"

Maximum acceptable concentration (health-related guideline)

"LAB"

RMD = Richmond location, KEL = Kelowna location, EDM = Edmonton location, SUB = Subcontracted

Please contact CARO if more information is needed or to provide feedback on our services.

**CARO Analytical Services** 

Final Review Per:

**DRAFT REPORT** 

DATA SUBJECT TO CHANGE

**CARO Analytical Services** 

#120 12791 Clarke Place Richmond, BC V6V 2H9

Tel: 604-279-1499 Fax: 604-279-1599

#102 3677 Highway 97N Kelowna, BC V1X 5C3

Tel: 250-765-9646 Fax: 250-765-3893

17225 109 Avenue Edmonton, AB T5S 1H7

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Page 1 of 7

#### **SAMPLE DATA**



CLIENT PROJECT

Sears Ecological Applications Company, LLC

Analysis of Anti-Icer

WORK ORDER #
REPORTED

CK10194 Nov-30-11

Analyte		Result	Pacific Northwest Snowfighters	RDL.	Units	Prepared	Analyzed	Notes
DRAFT: General	Parameters							
IBG1-20 (CK1019	4-01) Matrix:	Brine Sampled: No	ov-14-11					
Magnesium Chloride		14	> 25	0.04	%	N/A	N/A	
Freezing Point		-26		-42		Nov-21-11	Nov-25-11	
Cyanide (total)		< 0.1	0,2		mg/kg	Nov-15-11	Nov-24-11	
Nitrogen, Ammonia a	s N	400			mg/kg	Nov-15-11	Nov-22-11	
BOD, 5-day		54000			mg/kg	Nov-16-11	Nov-21-11	
Chemical Oxygen Der	mand	180000			mg/kg	Nov-16-11	Nov-17-11	
Chloride		11.2			% Weight	Nov-17-11	Nov-22-11	
pH (1:4 Solution)		5.4			pH units	Nov-15-11	Nov-16-11	
Specific Gravity		1.241		0.001	•	Nov-16-11	Nov-16-11	
Nitrogen, Nitrate+Nit	rite as N	40			mg/kg	Nov-17-11	Nov-21-11	
Phosphorus, Total		390	2500		mg/kg	Nov-15-11	Nov-22-11	
Nitrogen, Total Kjelda	ahl	2660			mg/kg	Nov-15-11	Nov-22-11	
		Matrix: Brine Sam	oladı Nov-14-11					
Freezing Point	CK10194-02)	-22	Med: (404-14-11	-42	C	Nov-21-11	Nov-25-11	
-		5.4				Nov-15-11	Nov-16-11	
pH (1:4 Solution)		1.219			pH units		Nov-16-11	
Specific Gravity		1.219		0.001	g/mL	Nov-16-11	NQV-10-11	
	CK10194-03)	Matrix: Brine Samp	oled; Nov-14-11					
Freezing Point		-19		<del>-4</del> 2	С	Nov-21-11	Nov-25-11	
pH (1:4 Solution)		5.5		0.1	pH units	Nov-15-11	Nov-16-11	
Specific Gravity		1.204		0.001	g/mL	Nov-16-11	Nov-16-11	
IBG1-20 (76%) (	CK10194-04)	Matrix: Brine Samı	oled: Nov-14-11					
Freezing Point		-16		-42	С	Nov-21-11	Nov-25-11	
pH (1:4 Solution)		5.5		0.1	pH units	Nov-15-11	Nov-16-11	
Specific Gravity		1,184		0.001	g/mL	Nov-16-11	Nov-16-11	
IBG1-20 (68%) (	CK10194-05)	Matrix: Brine Sam	oled: Nov-14-11					
Freezing Point		-13		-42	С	Nov-21-11	Nov-25-11	
pH (1:4 Solution)		5.5		0.1	pH units	Nov-15-11	Nov-16-11	
Specific Gravity		1.166		0.001	g/mL	Nov-16-11	Nov-16-11	
(BG1-20 (60%) (	CK10194-06)	Matrix: Brine Samp	aled: Nov-14-11					
Freezing Point		-10		-42	С	Nov-21-11	Nov-25-11	
pH (1:4 Solution)		5.6			pH units	Nov-15-11	Nov-16-11	
Specific Gravity		1.147		0.001	·	Nov-16-11	Nov-16-11	
	CV40404 07\		stadi Navi 14-11					
	CVTOTA4-0\)	Matrix: Brine Sam	Ned: MOV-14-11	_/17		Nov-21-11	Nov-25-11	
Freezing Point		-9		-42				
pH (1:4 Solution)		5.6			pH units	Nov-15-11	Nov-16-11	
Specific Gravity		1.128		0.001	g/mL	Nov-16-11	Nov-16-11	
	CK10194-08)	Matrix: Brine Sam	oled: Nov-14-11					
Freezing Point		-8		-42		Nov-21-11	Nov-25-11	
pH (1:4 Solution)		5.7			pH units	Nov-15-11	Nov-16-11	
Specific Gravity		1.111		0.001	g/mL	Nov-16-11	Nov-16-11	

#### **SAMPLE DATA**



CLIENT PROJECT Sears Ecological Applications Company, LLC

Analysis of Anti-Icer

WORK ORDER #
REPORTED

CK10194 Nov-30-11

Analyte	Result	Pacific Northwest Snowfighters	RDL	Units	Prepared	Analyzed	Notes
DRAFT: General Parameters,	Continued		111-2-111	,			
IBG1-20 (36%) (CK10194-09) Ma	atrix: Brine Sam	pled: Nov-14-11					
Freezing Point	-5		-42	С	Nov-21-11	Nov-25-11	
pH (1:4 Solution)	5.7		0.1	pH units	Nov-15-11	Nov-16-11	
Specific Gravity	1.089		0,001	g/mL	Nov-16-11	Nov-16-11	
IBG1-20 (28%) (CK10194-10) Ma	atrix: Brine Sam	pled: Nov-14-11					
Freezing Point	-4		-42	С	Nov-21-11	Nov-25-11	
pH (1:4 Solution)	5.8		0.1	pH units	Nov-15-11	Nov-16-11	
Specific Gravity	1.069		0.001	g/mL	Nov-16-11	Nov-16-11	
IBG1-20 (20%) (CK10194-11) M	atrix: Brine Sam	pled: Nov-14-11					
Freezing Point	-2		-42	С	Nov-21-11	Nov-25-11	
pH (1:4 Solution)	5.9			pH units	Nov-15-11	Nov-16-11	
Specific Gravity	1.049		0.001	•	Nov-16-11	Nov-16-11	
IBG1-20 (12%) (CK10194-12) M	atrivi Brina Cam	nlod: Nov-14-11					
Freezing Point	-1	pieu. 110v-14-11	-42	C	Nov-21-11	Nov-25-11	
pH (1:4 Solution)	6.0			pH units	Nov-15-11	Nov-16-11	
Specific Gravity	1.032			g/mL	Nov-16-11	Nov-16-11	
		ladi Mari 44 44	0.002	S. THE			
IBG1-20 (4%) (CK10194-13) Mat Freezing Point	uix: brine Samp	lea: MOA-14-11	-42	<u></u>	Nov-21-11	Nov-25-11	
pH (1:4 Solution)	6.3			pH units	Nov-15-11	Nov-16-11	
Specific Gravity	1.013		0.001	-	Nov-16-11	Nov-16-11	
DRAFT: Freeze Testing, as pe	PNS						
IBG1-20 (CK10194-01) Matrix: B	rine Sampled: N	ov-14-11					
Solids, Total Settleable	< 1.0	1.0	1.0	%	Nov-23-11	Nov-30-11	
Solids Passing Through #10 Sleve	100	> 99.0	1.0	%	Nov-23-11	Nov-30-11	
DRAFT: Total Metals, as per P		ov-14-11				62.2.4	
Arsenic	3.8	5	0.3	mg/kg	Nov-22-11	Nov-23-11	
Barium	2.0	100		mg/kg	Nov-22-11	Nov-23-11	
Cadmium	< 0.01	0.2		mg/kg	Nov-22-11	Nov-23-11	
Calcium	4000			mg/kg	Nov-22-11	Nov-23-11	
Chromium	1.2	1		mg/kg	Nov-22-11	Nov-23-11	
Copper	2.4	1		mg/kg	Nov-22-11	Nov-23-11	
Lead	< 0.1	1		mg/kg	Nov-22-11	Nov-23-11	
Magnesium	35800			mg/kg	Nov-22-11	Nov-23-11	
Mercury	< 0.03	0.05		mg/kg	Nov-22-11	Nov-23-11	
			100	mg/kg	Nov-22-11	Nov-23-11	
	19000	_					
Selenium	4.3	5	1.0	mg/kg	Nov-22-11	Nov-23-11	
Potassium Selenium Sodium Zinc		5 10	1.0 10		Nov-22-11 Nov-22-11 Nov-22-11	Nov-23-11 Nov-23-11 Nov-23-11	

#### **SAMPLE DATA**



CLIENT PROJECT Sears Ecological Applications Company, LLC

Analysis of Anti-Icer

WORK ORDER #
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CK10194 Nov-30-11

Analysis Description		<b>Method Reference(s)</b> (* = modified from)				
		Preparation	Analysis			
PNS Settleable Solids		N/A	Method C	RMD		
BOD, 5-day		N/A	APHA 5210 B	RMD		
Chloride		N/A	APHA 4500 CI- D *	RMD		
Chemical Oxygen Demand		N/A	APHA 5220 D	RMD		
Cyanide, Total		APHA 4500-CN C	APHA 4500-CN	KEL		
Freezing Point	¥	N/A	ASTM D1177	SUB		
Ammonia-N		N/A	APHA 4500-NH3 G *	KEL		
Nitrate+Nitrite-N		N/A	APHA 4500-NO3- F	KEL		
Total Kjeldahl Nitrogen		EPA 351.2 *	EPA 351.2 *	KEL		
pH in Water		N/A	APHA 4500-H+	RMD		
Phosphorus, Total (colour)		EPA 351.2 *	APHA 4500-P F *	KEL		
Specific Gravity		N/A	ASTM D1429	RMD		
Total Metals, as per PNS		N/A	EPA 6020A	RMD		

#### **QUALITY CONTROL DATA**



CLIENT PROJECT

Sears Ecological Applications Company, LLC Analysis of Anti-Icer WORK ORDER #
REPORTED

CK10194 Nov-30-11

The following section reports quality control (QC) data that is associated with your sample data. Groups of samples are prepared in "batches" and analyzed in conjunction with quality control samples that ensure your data is of the highest quality. Common QC types include:

- Method Blank (Blk): Laboratory reagent water is carried through sample preparation and analysis steps. Method Blanks indicate that results are free from contamination, i.e. not biased high from sources such as the sample container or the laboratory environment
- Duplicate (Dup): Preparation and analysis of a replicate aliquot of a sample. Duplicates provide a measure of the analytical method's precision, i.e. how reproducible a result is. Duplicates are only reported if they are associated with your sample data.
- Blank Spike (BS): A known amount of standard is carried through sample preparation and analysis steps. Blank Spikes, also known as laboratory control samples (LCS), are prepared from a different source of standard than used for the calibration. They ensure that the calibration is acceptable (i.e. not biased high or low) and also provide a measure of the analytical method's accuracy (i.e. closeness of the result to a target value).
- Standard Reference Material (SRM): A material of similar matrix to the samples, externally certified for the parameter(s) listed. Standard Reference Materials ensure that the preparation steps in the method are adequate to achieve acceptable recoveries of the parameter(s) tested for.

Each QC type is analyzed at a 5-10% frequency, i.e. one blank/duplicate/spike for every 10 samples. For all types of QC, the specified recovery (% Rec) and relative percent difference (RPD) limits are derived from long-term method performance averages and/or prescribed by the reference method.

		Reporting	Spike	Source		% REC		% RPD	
Analyte	Result	Limit Units	Level	Result	% REC	Limits	% RPD	Limit	Notes
PRAFT: General Parameters, Bate	ch B1K0169								
Duplicate (B1K0169-DUP1)	So	urce: CK10194-04	Prepared: 1	Nov-15-11, A	nafyzed: Nov	-16-11			
pH (1:4 Solution)	5.5	0.1 pH units	5,5			< 1	20		
Duplicate (B1K0169-DUP2)	So	urce: CK10194-10	Prepared: N	Nov-15-11, A	nalyzed: Nov	-16-11			
pH (1:4 Solution)	5.8	0.1 pH units	5.8				< 1	20	
DRAFT: General Parameters, Bat	ch B1K0170								
Blank (B1K0170-BLK1)			Prepared: N	Nov-16-11, A	nalyzed: Nov	-21-11			
BOD, 5-day	< 20	20 mg/kg							
LCS (81K0170-BS1)			Prepared: N	Nov-16-11, A	nalyzed: Nov	-21-11			
BOD, 5-day	205	20 mg/kg	198		104	78-125			
Duplicate (B1K0170-DUP1)	So	urce: CK10194-01	Prepared: N	Nov-16-11, A	nalyzed: Nov	-21-11			
BOD, 5-day	52300	20 mg/kg		5440	)		4	30	
Reference (B1K0170-SRM1)			Prepared: Nov-16-11, Analyzed: Nov-21-11						
BOD, 5-day	223	20 mg/kg	198		113	70-130			
DRAFT: General Parameters, Bate	ch B1K0174								
Blank (B1K0174-BLK1)			Prepared: N	Nov-16-11, A	nalyzed: Nov	-17-11			
Chemical Oxygen Demand	< 20	20 mg/kg							
LCS (B1K0174-BS1)			Prepared: N	Nov-16-11, A	nalyzed: Nov	-17-11			
Chemical Oxygen Demand	488	20 mg/kg	500		98	80-120			
Duplicate (B1K0174-DUP1)	So	urce: CK101 <b>94</b> -01	Prepared: N	Nov-16-11, A	natyzed: Nov	-17-11			
Chemical Oxygen Demand	175000	5000 mg/kg		178000	)		2	20	
DRAFT: General Parameters, Bat	ch B1K0188								
Duplicate (B1K0188-DUP1)	So	urce: CK10194-02	Prepared: N	Nov-16-11, A	nalyzed: Nov	-16-11			
Specific Gravity	1.220	0.001 g/mL		1.219			< 1	20	
Duplicate (B1K0188-DUP2)	Şo	urce: CK10194-05	Prepared; N	Nov-16-11, A	nalyzed: Nov	-16-11			
Specific Gravity	1.168	0.001 g/mL		1,166	}		< 1	20	

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#### **QUALITY CONTROL DATA**



	Analysis of Anti-Icer	lications Comp	eany, LLC				WORK ORDER # REPORTED				
Analyte		Result	Reporting Limit Units	Spike Level	Source Result	% REC	% REC Limits	% RPD	% RPD Limit	Notes	
DRAFT: General F	Parameters, Batch B1	K0209									
Blank (B1K0209-BLK	(1)			Prepared: N	lov-17-11, A	nalvzed: Nov	-22-11				
Chloride		< 0.01	0.01 % Weight		-						
LCS (B1K0209-BS1)				Prepared: N	lov-17-11, A	nafyzed: Nov	-22-11				
Chloride		0.10	0.01 % Weight	0.100		100	90-110				
Duplicate (B1K0209-	DUP1)	Sou	arce: CK10194-01	Prepared: N	łov-17-11, Ai	nalyzed: Nov	-22-11				
Chloride		11,4	0.01 % Weight		11,2			1	20		
DRAFT: General F	Parameters, Batch K1	05061									
Blank (K105061-BLK	1)			Prepared: N	lov-17-11, A	nalyzed: Nov	-21-11				
Nitrogen, Nitrate+Nitrite as	s N	< 1	1 mg/kg								
Duplicate (K105061-	DUP1)	Sou	urce: CK10194-01	Prepared: N	lov-17-11, Aı	nalyzed: Nov	-21-11				
Nitrogen, Nitrate+Nitrite as	N	40	1 mg/kg		40			< 1	20		
RAFT: General P	Parameters, Batch K1	05110									
Blank (K105110-BLK	1)			Prepared: N	lov-21-11, A	nalyzed: Nov	-22-11				
Nitrogen, Total Kjeldahl		< 5	5 mg/kg								
Duplicate (K105110-	DUP1)	Sou	rce: CK10194-01	Prepared: N	iov-21-11, A	nalyzed: Nov	-22-11				
Nitrogen, Total Kjeldahl		2680	100 mg/kg		2660			< 1	20		
DRAFT: General P	Parameters Ratch K1	05444									
	arameters, Daton Ki	03111									
		<b>43111</b>		Prepared: N	lov-21-11, A	nalyzed: Nov	-22-11				
Blank (K105111-BLK		<1	1 mg/kg	Prepared: N	lov-21-11, A	nalyzed: Nov	-22-11				
Blank (K105111-BLK Phosphorus, Total	1)	<1	1 mg/kg uroe: CK10194-01		lov-21-11, Ai						
Blank (K105111-BLK Phosphorus, Total Duplicate (K105111-	1)	<1				nalyzed: Nov		< 1	19		
Blank (K105111-BLK Phosphorus, Total Duplicate (K105111- Phosphorus, Total	1)	< 1 Sou 390	ırce: CK10194-01		lov-21-11, Aı	nalyzed: Nov		<1	19		
Blank (K105111-BLK Phosphorus, Total Duplicate (K105111- Phosphorus, Total DRAFT: General F	DUP1) Parameters, Batch K1	< 1 Sou 390	ırce: CK10194-01	Prepared: N	Jov-21-11, Ai 390	nalyzed: Nov	-22-11	<1	19		
Blank (K105111-BLK Phosphorus, Total Duplicate (K105111- Phosphorus, Total DRAFT: General F Blank (K105123-BLK	DUP1) Parameters, Batch K1	< 1 Sou 390	ırce: CK10194-01	Prepared: N	lov-21-11, Aı	nalyzed: Nov	-22-11	<1	19		
Blank (K105111-BLK Phosphorus, Total  Duplicate (K105111- Phosphorus, Total  DRAFT: General F  Blank (K105123-BLK  Nitrogen, Ammonia as N	DUP1) Parameters, Batch K1	< 1 Sou 390 05123	20 mg/kg 2 mg/kg	Prepared: N	390 390 Jov-21-11, Ar	nalyzed: Nov	-22-11 -22-11	<1	19		
Blank (K105111-BLK Phosphorus, Total Duplicate (K105111- Phosphorus, Total DRAFT: General F Blank (K105123-BLK Nitrogen, Ammonia as N Duplicate (K105123-	DUP1) Parameters, Batch K1	<1 Sou 390 05123 <2 Sou	urce: CK10194-01 20 mg/kg	Prepared: N	Jov-21-11, Ai 390	nalyzed: Nov	-22-11 -22-11	<1	19		
Blank (K105111-BLK Phosphorus, Total Duplicate (K105111- Phosphorus, Total DRAFT: General F Blank (K105123-BLK Nitrogen, Ammonia as N Duplicate (K105123- Nitrogen, Ammonia as N	DUP1) Parameters, Batch K1	<1 Soc 390 05123 <2 Soc 360	20 mg/kg 2 mg/kg 2 mg/kg uroe: CK10194-01	Prepared: N	lov-21-11, Ar 390 lov-21-11, Ar lov-21-11, Ar	nalyzed: Nov	-22-11 -22-11				
Blank (K105111-BLK Phosphorus, Total Duplicate (K105111- Phosphorus, Total DRAFT: General F Blank (K105123-BLK Nitrogen, Ammonia as N Duplicate (K105123- Nitrogen, Ammonia as N DRAFT: General F	DUP1) Parameters, Batch K1 DUP1) DUP1) Parameters, Batch K1	<1 Soc 390 05123 <2 Soc 360	20 mg/kg 2 mg/kg 2 mg/kg uroe: CK10194-01	Prepared: N	lov-21-11, Ar 390 lov-21-11, Ar lov-21-11, Ar	nalyzed: Nov nalyzed: Nov	-22-11 -22-11 -22-11				
Blank (K105111-BLK Phosphorus, Total Duplicate (K105111- Phosphorus, Total DRAFT: General F Blank (K105123-BLK Nitrogen, Ammonia as N Duplicate (K105123- Nitrogen, Ammonia as N	DUP1) Parameters, Batch K1 DUP1) DUP1) Parameters, Batch K1	<1 Soc 390 05123 <2 Soc 360	20 mg/kg 2 mg/kg 2 mg/kg uroe: CK10194-01	Prepared: N	lov-21-11, Ar 390 lov-21-11, Ar lov-21-11, Ar 400	nalyzed: Nov nalyzed: Nov	-22-11 -22-11 -22-11				
Phosphorus, Total  Duplicate (K105111- Phosphorus, Total  DRAFT: General F  Blank (K105123-BLK  Nitrogen, Ammonia as N  Duplicate (K105123-  Nitrogen, Ammonia as N  DRAFT: General F  Blank (K105137-BLK  Cyanlde (total)	DUP1) Parameters, Batch K1  DUP1) Parameters, Batch K1	<1 Soc 390 05123 <2 Soc 360 05137 << 0.1	20 mg/kg 2 mg/kg 2 mg/kg urce: CK10194-01 40 mg/kg	Prepared: N Prepared: N Prepared: N	lov-21-11, Ar 390 lov-21-11, Ar lov-21-11, Ar 400	nalyzed: Nov nalyzed: Nov nalyzed: Nov	-22-11 -22-11 -22-11				
Blank (K105111-BLK Phosphorus, Total Duplicate (K105111- Phosphorus, Total DRAFT: General F Blank (K105123-BLK Nitrogen, Ammonia as N Duplicate (K105123- Nitrogen, Ammonia as N DRAFT: General F Blank (K105137-BLK Cyanide (total) Duplicate (K105137-	DUP1) Parameters, Batch K1  DUP1) Parameters, Batch K1	<1 Soc 390 05123 <2 Soc 360 05137 << 0.1	2 mg/kg 2 mg/kg 2 mg/kg 40 mg/kg 0.1 mg/kg	Prepared: N Prepared: N Prepared: N	lov-21-11, Ai 390 lov-21-11, Ai 400 lov-22-11, Ai	nalyzed: Nov nalyzed: Nov nalyzed: Nov nalyzed: Nov	-22-11 -22-11 -22-11				
Blank (K105111-BLK Phosphorus, Total Duplicate (K105111- Phosphorus, Total DRAFT: General F Blank (K105123-BLK Nitrogen, Ammonia as N Duplicate (K105123- Nitrogen, Ammonia as N DRAFT: General F Blank (K105137-BLK Cyanide (total) Duplicate (K105137- Cyanide (total)	DUP1) Parameters, Batch K1  DUP1) Parameters, Batch K1	<1 Soc 390 05123 <2 Soc 360 05137 <0.1 Soc <0.1	2 mg/kg 2 mg/kg 100: CK10194-01 40 mg/kg 0.1 mg/kg 100: CK10194-01	Prepared: N Prepared: N Prepared: N	lov-21-11, Ai 390 lov-21-11, Ai 400 lov-22-11, Ai	nalyzed: Nov nalyzed: Nov nalyzed: Nov nalyzed: Nov	-22-11 -22-11 -22-11		15		
Blank (K105111-BLK Phosphorus, Total Duplicate (K105111- Phosphorus, Total DRAFT: General F Blank (K105123-BLK Nitrogen, Ammonia as N Duplicate (K105123- Nitrogen, Ammonia as N DRAFT: General F Blank (K105137-BLK Cyanide (total) Duplicate (K105137- Cyanide (total) DRAFT: Total Metal	DUP1) Parameters, Batch K1  DUP1) Parameters, Batch K1  DUP1) Parameters, Batch K1  DUP1)  DUP1)	<1 Soc 390 05123 <2 Soc 360 05137 <0.1 Soc <0.1	2 mg/kg 2 mg/kg 100: CK10194-01 40 mg/kg 0.1 mg/kg 100: CK10194-01	Prepared: N Prepared: N Prepared: N Prepared: N	lov-21-11, Ai 390 lov-21-11, Ai 400 lov-22-11, Ai	nalyzed: Nov nalyzed: Nov nalyzed: Nov nalyzed: Nov	-22-11 -22-11 -22-11 -24-11		15		
Blank (K105111-BLK Phosphorus, Total  Duplicate (K105111- Phosphorus, Total  DRAFT: General F  Blank (K105123-BLK Nitrogen, Ammonia as N  Duplicate (K105123- Nitrogen, Ammonia as N  DRAFT: General F  Blank (K105137-BLK  Cyanide (total)  Duplicate (K105137-  Cyanide (total)  DRAFT: Total Metal  Blank (B1K0251-BLK  Arsenic	DUP1) Parameters, Batch K1  DUP1) Parameters, Batch K1  DUP1) Parameters, Batch K1  DUP1)  DUP1)	<1 Soc 390 05123 <2 Soc 360 05137 <0.1 Soc <0.1 + B1K0251 <0.3	2 mg/kg 2 mg/kg 2 mg/kg arce: CK10194-01 40 mg/kg 0.1 mg/kg arce: CK10194-01 0.1 mg/kg	Prepared: N Prepared: N Prepared: N Prepared: N	lov-21-11, An 390 lov-21-11, An 400 lov-22-11, An 400 lov-22-11, An 400	nalyzed: Nov nalyzed: Nov nalyzed: Nov nalyzed: Nov	-22-11 -22-11 -22-11 -24-11		15		
Blank (K105111-BLK Phosphorus, Total  Duplicate (K105111- Phosphorus, Total  DRAFT: General F  Blank (K105123-BLK Nitrogen, Ammonia as N  Duplicate (K105123-  NItrogen, Ammonia as N  DRAFT: General F  Blank (K105137-BLK  Cyanide (total)  DRAFT: Total Metal  Blank (B1K0251-BLK  Arsenic  Barium	DUP1) Parameters, Batch K1  DUP1) Parameters, Batch K1  DUP1) Parameters, Batch K1  DUP1)  DUP1)	<1 Soc 390  05123  <2 Soc 360  05137  < 0.1 Soc < 0.1 h B1K0251  < 0.3 < 1.0	2 mg/kg 3 mg/kg 3 mg/kg 1.0 mg/kg	Prepared: N Prepared: N Prepared: N Prepared: N	lov-21-11, An 390 lov-21-11, An 400 lov-22-11, An 400 lov-22-11, An 400	nalyzed: Nov nalyzed: Nov nalyzed: Nov nalyzed: Nov	-22-11 -22-11 -22-11 -24-11		15		
Blank (K105111-BLK Phosphorus, Total Duplicate (K105111- Phosphorus, Total DRAFT: General F Blank (K105123-BLK Nitrogen, Ammonia as N Duplicate (K105123- Nitrogen, Ammonia as N DRAFT: General F Blank (K105137-BLK Cyanide (total) Duplicate (K105137- Cyanide (total)	DUP1) Parameters, Batch K1  DUP1) Parameters, Batch K1  DUP1) Parameters, Batch K1  DUP1)  DUP1)	<1 Soc 390 05123 <2 Soc 360 05137 <0.1 Soc <0.1 + B1K0251 <0.3	2 mg/kg 2 mg/kg 2 mg/kg arce: CK10194-01 40 mg/kg 0.1 mg/kg arce: CK10194-01 0.1 mg/kg	Prepared: N Prepared: N Prepared: N Prepared: N	lov-21-11, An 390 lov-21-11, An 400 lov-22-11, An 400 lov-22-11, An 400	nalyzed: Nov nalyzed: Nov nalyzed: Nov nalyzed: Nov	-22-11 -22-11 -22-11 -24-11		15		
Blank (K105111-BLK Phosphorus, Total  Duplicate (K105111- Phosphorus, Total  DRAFT: General F  Blank (K105123-BLK Nitrogen, Ammonia as N  Duplicate (K105123- Nitrogen, Ammonia as N  DRAFT: General F  Blank (K105137-BLK  Cyanide (total)  Duplicate (K105137-  Cyanide (total)  DRAFT: Total Metal  Blank (B1K0251-BLK  Arsenic  Barium  Cadmium	DUP1) Parameters, Batch K1  DUP1) Parameters, Batch K1  DUP1) Parameters, Batch K1  DUP1)  DUP1)	<1 Soc 390 05123 <2 Soc 360 05137 <0.1 Soc <0.1 h B1K0251 <0.3 <1.0 <0.01	2 mg/kg 2 mg/kg 2 mg/kg 2 mg/kg 2 mg/kg 2 mg/kg 3 mg/kg 3 mg/kg 3 mg/kg 3 mg/kg 40 mg/kg	Prepared: N Prepared: N Prepared: N Prepared: N	lov-21-11, An 390 lov-21-11, An 400 lov-22-11, An 400 lov-22-11, An 400	nalyzed: Nov nalyzed: Nov nalyzed: Nov nalyzed: Nov	-22-11 -22-11 -22-11 -24-11		15		

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10 mg/kg

< 0.1 < 10

Magnesium

#### **QUALITY CONTROL DATA**



CLIENT PROJECT Sears Ecological Applications Company, LLC

Analysis of Anti-Icer

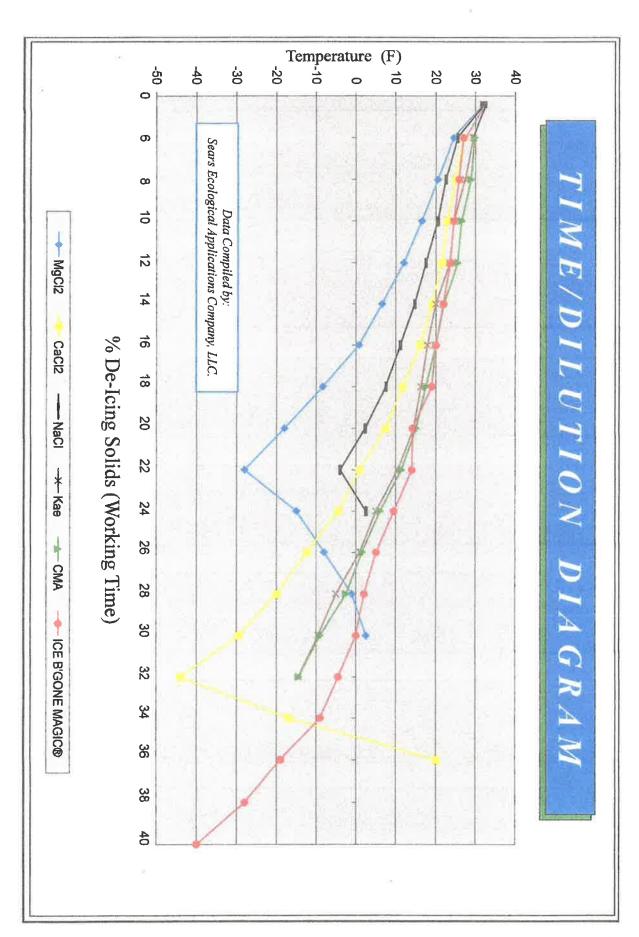
WORK ORDER #
REPORTED

CK10194 Nov-30-11

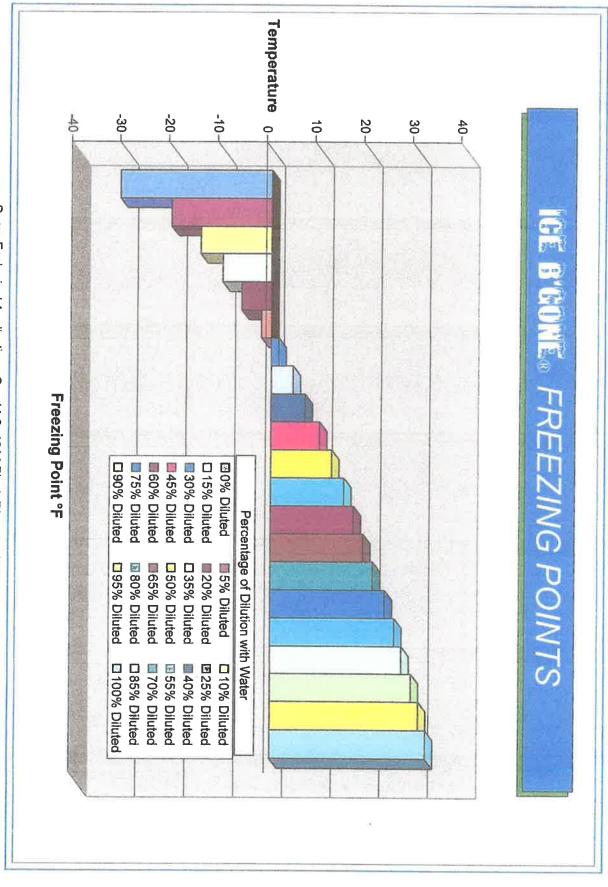
		Reporting	Spike	Source		% REC		% RPD	
Analyte	Result	Limit Units	Level	Result	% REC	Limits	% RPD	Limit	Notes

#### DRAFT: Total Metals, as per PNS, Batch B1K0251, Continued

Blank (B1K0251-BLK1), Continued			Prepared: Nov-22-11, Analyzed: Nov-23-11		
Mercury	< 0.03	0.03 mg/kg			
Potassium	< 10	10 mg/kg			
Selentum	< 1,0	1.0 mg/kg			
Sodium	< 10	10 mg/kg			
Zinc	< 0.5	0.5 mg/kg			
Duplicate (B1K0251-DUP1)	Sour	æ: CK10194-01	Prepared: Nov-22-11, Analyzed: Nov-23-11		
krsenic	3.7	0.3 mg/kg	3,8	2	20
Barium	2.2	1.0 mg/kg	2.0	~	20
Cadmium	< 0.01	0.01 mg/kg	< 0.01		20
Calcium	4370	10 mg/kg	4000	g	20
Chromium	1.2	0.1 mg/kg	1.2	,	20
Copper	2.5	0.2 mg/kg	2.4	3	20
ead	< 0.1	0.1 mg/kg	< 0.1	7	20
lagnesium	37900	100 mg/kg	35800	6	20
tercury	< 0.03	0.03 mg/kg	< 0.03		
rusizasiom	19700	100 mg/kg	19000	3	20
elenium	3.4	1.0 mg/kg	4.3	3	20
odium	6540	10 mg/kg	6090	-	20
Einc	15.9	0.5 mg/kg	15.0	,	20 20



Temp Graphs



Sears Ecological Applications Co., LLC. 1914 Black River Blvd., Rome, NY 13440 1-888-847-3226

Temp Charts