



COUNTY OF McHENRY
PURCHASING DEPARTMENT
2200 N SEMINARY AVENUE
WOODSTOCK, IL 60098



BID 21-4124
Natural Deicer

The McHenry County Division of Transportation is accepting bids for up to eighty thousand (80,000) gallons of natural deicing liquid that shall contain anti-foam prior to shipping and be delivered FOB to their location at 16111 Nelson Road in Woodstock IL 60098.

Please See Full Specifications Below.

Contact Information:

Geoffrey Bauernfeind, Procurement Specialist

E-mail: purchasing@mchenrycountyil.gov

CC E-mail: gwbauernfeind@mchenrycountyil.gov

Any communication regarding this Bid or Request between the date of issue and date of award is required to go through the Procurement Specialist listed (or the Purchasing Administrative Specialist). Unauthorized contact with other McHenry County staff or officers is strictly forbidden. **ELECTRONIC COMMUNICATIONS REQUIRED.**

SCHEDULE OF EVENTS

August 26, 2021	Bid or Request Available on County Website
September 02, 2021	Vendor Questions Submitted no later than 4:00 PM (CST) Submitted by E-Mail to purchasing@mchenrycountyil.gov
September 09, 2021	Vendor Questions Answered no later than 4:00 PM (CST) Posted to the County Website as an Addendum https://www.mchenrycountyil.gov/county-government/departments-j-z/purchasing/bids-rfps
September 16, 2021	Submissions Due to purchasing@mchenrycountyil.gov no later than 9:00 a.m. (CST) (PDF and/or Excel sheet emailed, 20mb limit/email) https://www.mchenrycountyil.gov/county-government/departments-j-z/purchasing/bids-rfps

DESCRIPTION OF WORK AND SPECIFICATIONS

McHenry County Division of Transportation Natural Deicing Liquid Specification for a Base year December 1, 2021 through November 30, 2022; Year II (Optional) December 1, 2022 through November 30, 2023; Year III (optional) December 1, 2023 through November 30, 2024; Year IV (optional) December 1, 2024 through November 30, 2025.

The McHenry County Division of Transportation is accepting bids for up to eighty thousand (80,000) gallons of natural deicing liquid that shall contain anti-foam prior to shipping and be delivered FOB to their location at 16111 Nelson Road in Woodstock IL 60098.

PLEASE INCLUDE WITH YOUR BID:

- 1. ANY DESCRIPTIVE LITERATURE OF PRODUCT YOU ARE BIDDING.**
- 2. SPECIFICATIONS FOR THE PRODUCT AND THE ANTI FOAM**
- 3. MATERIAL SAFETY DATA SHEET (MSDS) FOR BOTH PRODUCTS.**

A natural, agricultural approved de-icing product (sugar beet or approved equivalent) that is less corrosive than traditional chlorides and that is less harmful to the environment. The product should demonstrate passing limits that the Pacific Northwest Snow fighters require for deicers to be used in their states. The deicer should have a freeze point of at least -30 degrees F below zero. The deicer should be biodegradable and non-toxic to humans and animals. The product should be acceptable for use as an inhibitor for salt brines and thus be able to be blended with all salt solutions without stratification. Product should be able to be used as an, admix for salt stockpile mixing to prevent freezing without leaching. The material should have a minimum concentration of 55% and have a minimum viscosity of 30cP at 30 degrees F.

The product should have less than 2% chlorides content (as chloride) and any chloride present must be naturally occurring in the product, not added to the natural deicer. The approved products contents shall be fully disclosed to the McHenry County DOT. No priority products can be approved without full disclosure.

Typical Properties	
Appearance	Brown
Specific Gravity	1.27 +/- .02
Pounds per Gallon	10.5 +/- .2
pH	7.4 +/- .5
Water Miscibility	Complete

Typical Analysis shall show the heavy metals content to be tested for the following EPA Gold Standard Parameters, (only the phosphorus is diluted).

Parameter	Limit
Arsenic	5 ppm
Barium	10 ppm
Cadmium	0.2 ppm
Chromium	0.5 ppm
Copper	3 ppm
Lead	1 ppm
Mercury	0.05 ppm
Selenium	5 ppm
Zinc	15 ppm
Cyanide Total	0.2 ppm
Phosphorous Total, (1% solution)	5 ppm

PROPOSAL PRICING FORM

	Year I December 1, 2021 through November 30, 2022	Year II (Optional) December 1, 2022 through November 30, 2023	Year III (Optional) December 1, 2023 through November 20, 2024	Year IV (Optional) December 1, 2024 through November 30, 2025
Cost per gallon of Natural Deicing Liquid Delivered				
TOTAL BID for 80,000 gallons of Natural Deicing Liquid Delivered				
Manufacturer of Product				
Estimated day for delivery after receipt of purchase order				
Exceptions and/or Additional Considerations				

THIS PAGE IS MANDATORY – Please Return with Submission

REFERENCES

Please list three (3) references, other than McHenry County, you have done similar work, service or supplied similar products to within the last twelve (12) months

Entity: _____

Address: _____

City, State, Zip Code: _____

Telephone Number: _____

Contact Person: _____

Email Address: _____

Entity: _____

Address: _____

City, State, Zip Code: _____

Telephone Number: _____

Contact Person: _____

Email Address: _____

Entity: _____

Address: _____

City, State, Zip Code: _____

Telephone Number: _____

Contact Person: _____

Email Address: _____

THIS PAGE IS MANDATORY – Please Return with Submission

CERTIFICATONS AND SIGNATURE PAGE

- I acknowledge to have read, understand, and agree to the **Bid or Request Documents** Provided for this Bid or Request as posted on McHenry County’s Website Yes
- I acknowledge to have read, understand, and agree to the policies contained within the **McHenry County Purchase Ordinance**, amended June 1, 2021 Yes
- I acknowledge I have read, understand, and agree to the **Standard Terms and Conditions** provided for this Bid or Request as posted on McHenry County’s website. Yes
- I acknowledge to have read, understand, and agree to any and all **Addenda** provided for this Bid or Request as posted on McHenry County’s website. Yes
- I acknowledge there to be FIVE (5) **Mandatory Pages, including the W-9** to be completed and/or submitted for my Bid or Submission to be considered. Yes
- Submitter certifies it has not been barred from contracting with a unit of State or Local Government as a result of a violation of Section 33E-3 or 33E-4 of the Criminal Code of 1961, as amended. Yes
- Vendor certifies it is aware that all contracts for the Construction of Public Works are subject to the **Illinois Prevailing Wage Act** (820 ILCS 130/1-12) and this Bid or Request Is Subject to, Is NOT Subject to the Illinois Prevailing Wage Act. Yes
- Vendor acknowledges this Bid or Request Is Subject to, Is NOT Subject to the **Employment of Illinois Workers in Public Works Act** (30 ILCS 570/3) and will comply with the requirements set forth in this Act. Yes
- I acknowledge this Bid or Request Requires, Does NOT Require a **Bid Bond** Yes
- I will include my **W-9 as a Mandatory Page** Requirement for this Bid or Request and in addition, under penalties of perjury, I certify that my correct **Federal Taxpayer Identification Number** is: _____
- I am doing business as a (please indicate one): Sole Proprietorship
 Corporation: State of Incorporation: _____
 Partnership
 Other _____
- State full names, titles and addresses of all responsible principles and/or partners below and/or Authorized Negotiators (CONTINUED on Following Page):

Name and Title: _____

City, State and Zip Code: _____

Telephone Number: _____ Email: _____

THIS PAGE IS MANDATORY – Please Return with Submission

- State full names, titles and addresses of all responsible principles and/or partners below and/or Authorized Negotiators (CONTINUED from Previous Page):

Name and Title: _____

City, State and Zip Code: _____

Telephone Number: _____ Email: _____

- I have carefully examined the Bid or Request, Scope of Work, Specifications, and any other documents accompanying or made a part of this Bid or Request. I hereby propose to furnish the goods or services specified. I agree my proposal will remain firm for a period of up to 120 days from Due Date in order to allow the County time to evaluate the qualifications submitted. I verify all information contained in this proposal is truthful to the best of my knowledge and belief. I further certify I am duly authorized to submit on behalf of the firm as its act and deed, and the firm is ready, willing, and able to perform if awarded the contract. I further certify, under oath, this proposal is made without prior understanding, agreement, connection, discussion, or collusion with any other person, firm or corporation submitting a proposal for the same product or service. No officer, employee or agent of the County of McHenry or any other proposer is interested in said proposal and the Undersigned executed this Certification with full knowledge and understanding of the matters therein contained and was duly authorized to do so.

Individual/Company/Corporation: _____

Business Address: _____

City, State and Zip Code: _____

Printed Name and Title: _____

Signature: _____ **Date:** _____

Telephone Number: _____ Email: _____

Witness Printed Name and Title: _____

Witness Signature: _____ **Date:** _____