

# Admin Minnesota

Office of State Procurement

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Persons with a hearing or speech disability can contact us through the Minnesota Relay Service by dialing 711 or 1.800.627.3529.

## CONTRACT RELEASE: S-829(5)

**DATE:** AUGUST 20, 2024

**PRODUCT/SERVICE:** SALT BRINE PRODUCTION SYSTEM EQUIPMENT

**CONTRACT PERIOD:** DECEMBER 1, 2022, THROUGH NOVEMBER 30, 2024

**EXTENSION OPTIONS:** UP TO 36 MONTHS

**ACQUISITION MANAGEMENT SPECIALIST/BUYER (AMS):** MATTHEW FIGGINS

**PHONE:** 651.201.2444      **E-MAIL:** [Matthew.Figgins@state.mn.us](mailto:Matthew.Figgins@state.mn.us)      **WEB SITE:** <https://mn.gov/admin/osp/>

<u>CONTRACT VENDOR</u>	<u>CONTRACT NO.</u>	<u>TERMS</u>	<u>DELIVERY</u>
ASPEN EQUIPMENT, LLC	229442	NET 30	Request at time of order

9150 Pillsbury Avenue South  
Bloomington, MN 55420-3586

**CONTACT:** Mitch Buzzo      **PHONE:** 952-656-7133  
**EMAIL:** [Mitchell.Buzzo@mgxequipment.com](mailto:Mitchell.Buzzo@mgxequipment.com)      **CELL:** 612.719.9765

**VENDOR NO.:** 0001142284

[Sample Quote](#)  
[Sample Invoice](#)

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BRINE MASTERS LLC	222340	NET 30	30 DAYS ARO
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12367 Brompton RD  
Carmel IN, 46033

**CONTACT:** Clay Hildreth      **PHONE:** 317-820-7240  
**EMAIL:** [clayh@brinemasters.com](mailto:clayh@brinemasters.com)

**VENDOR NO.:** 00001105226

Link to:  
[Sample Quote](#)  
[Sample Invoice](#)

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Cargill, Incorporated- Salt, Road Safety	222344	NET 30	180 DAYS ARO
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4950 Country Club Blvd. Suite 450  
North Olmsted, OH 44070

**CONTACT:** Jim Anderson      **PHONE:** 612-812-0051  
**EMAIL:** [Jim\\_A\\_Anderson@cargill.com](mailto:Jim_A_Anderson@cargill.com)

**VENDOR NO.:** 211244

Link to:  
[Sample Quote](#)  
[Sample Invoice](#)

<u>CONTRACT VENDOR</u>	<u>CONTRACT NO.</u>	<u>TERMS</u>	<u>DELIVERY</u>
Iron Valley Equipment & Mfg 601 Franklin Ave NE St Cloud, MN 56304 VENDOR NO.: 1082761	222342	NET 30	Request at time of order
CONTACT: Patrick Iwan EMAIL: <a href="mailto:Patrick@IronValleyEquipment.com">Patrick@IronValleyEquipment.com</a>		PHONE: 651-829-4547	
Link to: <a href="#">Sample Quote</a> <a href="#">Sample Invoice</a>			

VARITECH INDUSTRIES, INC. 501 Cliff Road East. Burnsville, MN 55337 VENDOR NO.: 0000216957	222343	NET 30	120 DAYS ARO
CONTACT: Jason Zeppelin EMAIL: <a href="mailto:jzeppelin@varitechindustries.com">jzeppelin@varitechindustries.com</a>		PHONE: 320-763-5074	
Link to: <a href="#">Sample Quote</a> <a href="#">Sample Invoice</a>			

**CONTRACT USERS.** This Contract is available to the following entities as indicated by the checked boxes below

- State agencies
- Cooperative Purchasing Venture (CPV) members

**STATE AGENCY CONTRACT USE.** State agencies should make every effort to use the Contract Vendor(s) listed. However, this Contract does not prohibit State agencies from using their delegated local purchasing authority to procure similar products and services from other vendors.

**STATE AGENCY ORDERING INSTRUCTIONS.** Orders are to be placed directly with the Contract Vendor. State agencies should use a Contract release order (CRO) or a blanket purchase order (BPC). The person ordering should include his or her name and phone number. Orders may be submitted via fax.

**CONTRACT FEEDBACK.** If these commodities or service can be better structured to help you with your business needs, let us know. We solicit your comments and suggestions to improve all of our contracts so that they may better serve your business needs. If you have a need for which no contract currently exists, or you would like to be able to use an existing state contract that is not available to your entity, whether a state agency or CPV, please contact us. If you have specific comments or suggestions about an individual contract you can submit those via the [Contract Feedback Form](#).

## SPECIAL TERMS AND CONDITIONS

**SCOPE.** The purpose of the Contract is to provide a source of Salt Brine Production System Equipment.

**PRICES.** Prices offered are firm for the initial term of the Contract. No price increases or decreases will be accepted during the life of the Contract.

## HOW TO USE THIS MASTER CONTRACT

### **Step 1: Request a Quote**

Request a quote from one of the Contract Vendors listed on this Contract Release. **Note that you should not request a quote from a Contract Vendor whose contract is not fully executed or on a contract that is expired.**

#### **At a minimum the quote must include:**

1. Contract vendor's name.
2. Name of contract vendor's representative providing the quote.
3. Date of quote.
4. State Contract Release S-829(5) and Contract number.
5. Detailed description of the Contract product(s) or item(s) being provided. Individual price, quantity and the agreed upon ARO.
6. Detailed description of the products that will be order and the title of the person accepted the order. Price per product ordered and state the agreed upon ARO per order.
7. Total price for all products/items quoted.
8. Expiration date of quote.
9. Delivery charges must clearly state the delivery charge per loaded mile and the delivery starting point. **A flat, fixed price for shipping will not be accepted and the State reserves the right to reject the offer if a price per loaded mile is not included on the Price Schedule.**

Mileage distance will be the distance from the delivery starting point to the Customer's delivery point only. Mileage distances will be determined from <https://www.google.com/maps> or <https://www.mapquest.com>. The ordering agency may use the Contract Vendor delivery, may pick up the equipment, or may contract for delivery with anyone it chooses. The delivery charge may be a factor in the award.

### **Step 2: The Ordering Entity is to verify the quote to confirm contract pricing and that the After Receipt of Order (ARO), offered meets the business need.**

**The following information explains the methods for calculating and/or confirming the contract prices.**

- For FIXED pricing, the pricing offered must match or be lower than that detailed on this release on the MnDOT web page.

<http://www.dot.state.mn.us/maintenance/equipment/contracts/contracts.html>

Only accept contract vendor quotes that provide itemized contract pricing (lump sum price quotes must be rejected and revised by the contract vendor to show itemized State contract pricing).

Prior to accepting an order and/or issuing an invoice, inspect the products received to ensure they match both the terms and pricing of the contract.

Contact the AMS/Buyer detailed on the first page of this Contract Release to report any pricing discrepancies or for assistance in confirming/calculating contract pricing.

### **Step 3: Establish a Purchase Order.**

Once the ordering plan has been approved, a purchase order (PO) may be issue before any products is shipped by the Contract Vendor.

State agencies issuing purchase orders should use a Contract Release Order (CRO) or a Blanket Purchase Order (BPC).

### **Step 4: Paying the final Invoice**

Before issuing payment on an invoice, the Ordering Entity must inspect the contract products to ensure they match both the terms and pricing on the contract. Only accept invoices from Contract Vendors that itemized contract

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products and delivery charges as stated in the Special Terms. Lump sum prices must be rejected and reworked by the Contract Vendor to show itemized State contract pricing. The invoice must include enough detail for the Ordering Entity to verify that the products were delivered on the invoice have been provided.

Note that the delivery method (Drop Ship or Inside Delivery) must be stated on the invoice.

### **END OF HOW TO USE THIS MASTER CONTRACT INSTRUCTIONS**

**SALES TAX.** Prices offered do not include State Sales Tax. The Contract Vendor will confirm tax payment with the purchaser at the time an order is placed.

**SHIPPING REQUIREMENTS.** All deliveries are to be FOB Destination. The Contract Vendor has stated the delivery charge per loaded mile and the delivery starting point. Mileage distance will be the distance from the delivery starting point to the purchaser's delivery point only. Mileage distances will be determined from calculations using <http://maps.yahoo.com>. The ordering agency may use the Contract Vendor delivery, may pick up the equipment, or may contract for delivery with anyone it chooses.

**DELIVERY REQUIREMENTS.** The Contract Vendor must notify the receiving agency at least 72 hours before delivery to allow for inspection and compliance. No delivery can be made on State holidays, Saturday, or Sunday or after 4:00 p.m. on weekdays without prior approval by the agency to which the equipment is being delivered. The Contract Vendor must confirm delivery locations and requirements with the Customer. Prior to delivery, the Contract Vendor is responsible for confirming with the Customer that the delivery location will accommodate unloading the equipment.

**EQUIPMENT LITERATURE.** Upon request by a State agency or CPV member, the Contract Vendor shall provide literature at no cost for the equipment offered in its response.

**MISCELLANEOUS ITEMS.** State agencies may purchase incidental miscellaneous parts, accessories and labor that is directly related to a specific item(s) included on the Contract. The total purchase order issued by a State agency for these types of items may not exceed \$5,000.00 for an individual purchase order. If the Customer's entity requires a lower threshold for competitive bidding other than \$5,000.00, they must follow their local entity's requirements. Any purchase order must be issued to the Contract Vendor.

### **REVISIONS:**

### **UNSPSC CODE.**

22101531 Salt Brine Production Systems

## EQUIPMENT SPECIFICATION

### ***SALT BRINE PRODUCTION SYSTEMS, HEATED BRINE SYSTEM SHELTERS, MIXING SYSTEMS AND STORAGE TANKS***

#### **SCOPE**

This unit must be the most current advertised production model as modified per specifications and approved by Mn/DOT, furnished with all standard equipment advertised, whether or not specifically called for here, except where the item is replaced by optional over standard equipment or conflicting equipment is specified. The unit must be complete with all equipment required for immediate operation to function as listed below and the unit must meet all applicable codes and standards.

#### **1.0 Salt Brine Production System Requirements**

- 1.1 If the brine maker has a brine tank the minimum holding capacity must be 200 gallons.
- 1.2 Main salt brine tank must be constructed from stainless steel, molded polyethylene that is UV stabilized to provide protection from sunlight or made of fiberglass with a ceramic or polymer gel coating.
- 1.3 Brine tank must have an open floor in order to not hinder cleaning. Tank must have a pitched bottom to the lower sump area or a hinged sump to provide total drainage.
- 1.4 Hopper/rock salt tank must be constructed from stainless steel, molded polyethylene that is UV stabilized to provide protection from sunlight or made of fiberglass with a ceramic coating.
- 1.5 Hopper must have an open floor with no interior ribs to hinder cleaning. Hopper must have a pitched bottom to lower sump area or a hinged sump to provide total drainage.
- 1.6 Hopper must have a full-length water in-feed manifold to provide even filling and salt saturation.
- 1.7 Minimum rock salt holding capacity must be 3 cubic yards.
- 1.9 Effluent ejector pump must be UL listed and have thermal overload protection.
- 1.10 Water service piping must be 1-1/2" minimum throughout the entire system. Water in-feed to the hopper tank must be controlled to maintain the level of brine in the main tank.
- 1.11 Unit must be self-supporting.
- 1.12 The Contract Vendor must give adequate training in mounting and removal, operation, safety and maintenance of supplied equipment at delivery site before the purchase will be considered complete.
- 1.13 Each unit must come complete with one set of parts, service and operations manuals, as well as a complete wiring diagram.
- 1.14 Manufacturer's standard color is acceptable; however, the paint must be lead free.
- 1.15 The responder must furnish a standard manufacturer's warranty. The contract vendor must be responsible for the cost of any inspections, adjustments, parts, labor, travel, pickup and/or delivery charges that are a result of equipment failure(s) during the warranty period. This must be performed immediately without any delay. This warranty must commence when the unit is put into service. The responder must state warranty for all items offered on pricing page.

## **2.0 Heated Brine System Shelter Requirements**

- 2.1 The shelter must be constructed from stainless steel or molded polyethylene that is UV stabilized to provide protection from sunlight. The shelter must be a "Building" that is large enough to house the Brine maker as listed in Sec 1.0.
- 2.2 The shelter must be double walled with insulation between the two walls to obtain a minimum R-value of nine.
- 2.3 The shelter must include a flange at the bottom to allow proper anchoring capabilities to customer supplied foundations.
- 2.4 The roof panels must incorporate a stainless-steel hinge to allow the roof to be opened for salt loading.
- 2.5 Each shelter must be equipped with a spill shield that allows over spilled salt to be directed into the hopper of the salt brine production system.
- 2.6 All bolts used to assemble the structure must be a minimum of #304 stainless steel, including washers and nuts.
- 2.7 A one-piece, lockable door panel, which incorporates a stainless-steel hinge, must be provided for entry into the shelter. Each door must be equipped with stainless-steel toggle clamps to hold the door securely closed. A draw latch must be mounted on each door, to allow the door to be securely closed from the inside.
- 2.8 Each shelter must have a through wall pipe to provide a means of attaching a hose to the brine system allowing operators to pump salt brine directly from the brine system without having a discharge hose exiting through the door opening.
- 2.9 Mn/DOT may require inspection of similar unit in order to determine the unit meets specifications before award is made.
- 2.10 The Contract Vendor must give adequate training in mounting and removal, operation, safety and maintenance of supplied equipment at delivery site before the purchase will be considered complete.
- 2.11 Each unit must come complete with one set of parts, service and operations manuals, as well as a complete wiring diagram.
- 2.12 Manufacturer's standard color is acceptable, however the paint must be lead free.
- 2.13 The responder must furnish a standard manufacturer's warranty. The Contract Vendor must be responsible for the cost of any inspections, adjustments, parts, labor, travel, pickup and/or delivery charges that are a result of equipment failure(s) during the warranty period. This must be performed immediately without any delay. This warranty must commence when the unit is put into service. The responder must state warranty for all items offered on pricing page.
- 2.14 There must be an option for shed heaters listed on the price page. The heater should be able to heat inside of shed to tempters above 32 degrees when shed is closed.

## **3.0 Mixing System Requirements**

- 3.1 The mixing system must be able to mix up to three separate de-icing chemicals and load into a plow truck.
- 3.2 The mixing system must be able to change ratios of chemicals as the storm progresses. The system must be able to mix two chemicals and a three-chemical blend, being automatically control by the mixing valves.
- 3.3 The system must use stainless steel centrifugal pumps driven by a electric motor correctly sized for the primary pump. The pump must be able to pump enough water for the system when operating at full capacity.
- 3.4 All mixing systems must have a method of diverting the flow back to the storage tanks.
- 3.5 There must be a provision for the pumps and plumbing to be easily accessible for repairs.
- 3.6 The controller display must be mounted in a NEMA 4 rated that is large enough to enclose the controller and also allow for the following switch mounting: On/Off, Blend/Recirculate, Reset, and emergency stop. The enclosure must be mounted on the stainless-steel pump enclosure in order to provide a turnkey package.
- 3.7 The system must come prewired and ready for connection to a customer supplied power source.
- 3.8 The unit must have a one-year warranty.

#### **4.0 Stationary Storage Tank Requirements**

- 4.1 Tank must be of fiberglass or heavy weight, rotationally molded, polyethylene construction.
- 4.2 Tank must be a double wall type with 110% containment capability. The Polyethylene tanks must meet the ASTM D-1998 Standard for tanks. Single wall tanks will be accepted only as an option.
- 4.3 Tank must be designed for above ground storage of various salt brine solutions. Tanks must have a specific gravity rating of 1.5 or greater.
- 4.4 Tank must have liner that is compatible with the liquid being stored.
- 4.5 Tank must have a closed, non-removable top with a manway.
- 4.6 Contract Vendor must provide up to (3) three fittings, sized up to 3" N.P.T. in the tank, with the locations designated by the ordering entity.
- 4.7 Tank must have a means of reading both liquid and containment tank levels.
- 4.8 Tank must provide a method for moving from one location to another.
- 4.9 Tank must have a top vent with screen.
- 4.10 Holding pond equipment is not acceptable.
- 4.11 The vendor can offer single wall tanks but must list them in section 4.5.0 and state they are single wall tanks.

#### **5.0 ADDITIONAL ELECTRICAL SERVICE REQUIREMENTS for ABOVE EQUIPMENT**

- 5.1 All electrical service must be protected from hazardous shock by a 115-volt, GFI receptacle with trip and reset and be enclosed in a waterproof outdoor service enclosure.
- 5.2 Electrical connection is made by connecting the power service cord/wiring on the equipment to the customer supplied electrical service.
- 5.3 All units must be flow tested to specification with a purchaser's representative present before the purchase will be considered complete.
- 5.4 System installation and setup charge if applicable, must include all hoses, fittings, couplers, adaptors, electrical connectors and installation of all equipment or components at each installation sight.

### **EQUIPMENT PRICE SCHEDULE**

**Detail pricing information is available on MnDOT web page:**

<http://www.dot.state.mn.us/maintenance/equipment/contracts/contracts.html>