

### CONTRACT RELEASE: S-1087(5)

**DATE:** OCTOBER 28, 2024

**PRODUCT/SERVICE:** VEGETATION SPRAYERS, DE-ICING SYSTEMS, AND PRESSURE WASHERS

**CONTRACT PERIOD:** DECEMBER 01, 2021 THROUGH (VARIES- SEE SPECIFIC CONTRACTOR ON NEXT PAGE)

**EXTENSION OPTIONS:** UP TO 24 MONTHS

**ACQUISITION MANAGEMENT SPECIALIST:** PAUL THOMAS

**PHONE:** 651.201.2462

**E-MAIL:** [paul.thomas@state.mn.us](mailto:paul.thomas@state.mn.us)

**WEB SITE:** <https://mn.gov/admin/osp/>

#### NOTIFICATION OF MULTIPLE AWARDS

This release contains multiple awards for similar or like items. State agencies and CPV members should review and compare all multiple award Contract Vendors in order to ensure the best value for their potential purchase. Factors such as, but not limited to, cost, equipment warranty terms, vendor location, delivery lead times, available substitutes, selected options and current fleet and equipment or parts inventory levels all may contribute to the total cost/value of an individual purchase. Multiple vendors may be able to satisfy the requirements of the purchaser and therefore it is important for the purchaser to review all Contracts and Contract prices before executing an order.

***Hotsy Minnesota is certified as an eligible Veteran-Owned business.***

<u>CONTRACT VENDOR</u>	<u>CONTRACT NO.</u>	<u>TERMS</u>	<u>DELIVERY</u>
<b>MIDWEST WASH SYSTEMS LLC, DBA HOTSY MINNESOTA</b> 2951 100TH CT NE, Suite 100 Blaine, MN, 55449	<b>203218</b>	<b>NET 30</b>	<b>Varies by Product</b>
<b>CONTACT:</b> Lynn Burket <b>Email:</b> <a href="mailto:LBURKET@HOTSYMN.COM">LBURKET@HOTSYMN.COM</a>			<b>PHONE:</b> 763-786-5525
<b>VENDOR NO.:</b> 0001093507 <b>CURRENT CONTRACT EXPIRATION DATE:</b> NOVEMBER 30, 2025			

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***RJ Sayers is certified as an eligible Veteran-Owned business.***

<u>CONTRACT VENDOR</u>	<u>CONTRACT NO.</u>	<u>TERMS</u>	<u>DELIVERY</u>
<b>RJ SAYERS DISTRIBUTING, LLC</b> 21020 Cambodia Ave Farmington, MN 55024	<b>203220</b>	<b>NET 30</b>	<b>30 Days ARO</b>
<b>CONTACT:</b> Rick Sayers <b>Email:</b> <a href="mailto:rjsayers@frontiernet.net">rjsayers@frontiernet.net</a>			<b>PHONE:</b> 651.460.6101 or 800.456.9840
<b>VENDOR NO.:</b> 0000370479 <b>CURRENT CONTRACT EXPIRATION DATE:</b> NOVEMBER 30, 2025			

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<u>CONTRACT VENDOR</u>	<u>CONTRACT NO.</u>	<u>TERMS</u>	<u>DELIVERY</u>
<b>AMERICAN PRESSURE INC.</b> 3810 West Broadway Ave Robbinsdale, MN 55422	<b>203215</b>	<b>NET 30</b>	<b>Varies by Product.</b>
<b>CONTACT:</b> Ben Hagemann <b>Email:</b> <a href="mailto:Ben@AmericanPressureInc.com">Ben@AmericanPressureInc.com</a>			<b>PHONE:</b> 763.521.4442 <b>FAX:</b> 763.521.4447
<b>VENDOR NO.:</b> 0000202323 <b>CURRENT CONTRACT EXPIRATION DATE:</b> NOVEMBER 30, 2025			

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<u>CONTRACT VENDOR</u>	<u>CONTRACT NO.</u>	<u>TERMS</u>	<u>DELIVERY</u>
<b>L &amp; D AG SERVICE INC.</b> 408 Broadway Hartland, MN 56042	<b>203217</b>	<b>NET 30</b>	<b>120 Days ARO</b>
<b>CONTACT:</b> Travis Routh <b>Email:</b> <a href="mailto:travisr@ld-ag.com">travisr@ld-ag.com</a>			<b>PHONE:</b> 507.845.2100 <b>FAX:</b> 507.845.2188
<b>VENDOR NO.:</b> 0000208109 <b>CURRENT CONTRACT EXPIRATION DATE:</b> NOVEMBER 30, 2024			

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<u>CONTRACT VENDOR</u>	<u>CONTRACT NO.</u>	<u>TERMS</u>	<u>DELIVERY</u>
<b>DIAMOND INDUSTRIAL CLEANING EQUIPMENT, INC.</b> 116 Hwy 10 South Motley, MN 56466	<b>203216</b>	<b>NET 30</b>	<b>10 Days ARO Varies by Availability</b>
<b>CONTACT:</b> Chadd Danielson <b>Email:</b> <a href="mailto:212@hotwashers.com">212@hotwashers.com</a>			<b>PHONE:</b> 218-829-8132
<b>VENDOR NO.:</b> 0000287800 <b>CURRENT CONTRACT EXPIRATION DATE:</b> NOVEMBER 30, 2025			

**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.

**SERVICE CERTIFICATION FORM REQUIREMENTS.**

Pursuant to Minn. Stat. § 16C.09, agencies must complete a "Service Contract Certification Form" prior to issuing an order for services offered from these Contract(s).

**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](#).

## 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-1087(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.

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>. 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.**

- The Contract(s) was executed with FIXED PRICING. The pricing offered must match or be lower than that detailed herein.
- The Contract(s) pricing structure is a PERCENTAGE DISCOUNT OFF OF LIST PRICE. To calculate the Contract Price, follow the three steps detailed below.
  1. Locate the appropriate price list below.
  2. Calculate the Contract Price by applying the Percentage Discount Off of the Appropriate List Price to the appropriate Price List.
  3. Confirm the price offered is equal to, or lower than, the price calculated in Item 2.
- The Contract(s) includes HOURLY RATES. Confirm that the correct rate has been utilized by the Contract Vendor and that the number of hours is properly calculated/subtotaled. Review the number of hours quoted against the scope of your project.

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 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**

## **Price Schedule Information:**

**Hotsy Minnesota**

**Price Schedule- Click [Here](#)**

**American Pressure, Inc.**

**Price Schedule- Click [Here](#)**

**L&D Ag Service Inc.**

**Price Schedule- Click [Here](#)**

**RJ Sayers Distributing, LLC**

**Price Schedule- Click [Here](#)**

**Diamond Industrial Cleaning Equipment, Inc.**

**Price Schedule- Click [Here](#)**

## SPECIAL TERMS AND CONDITIONS

1. **PURPOSE.** The purpose of the contract is to provide Vegetation Sprayers, De-Icing Systems, and Pressure Washers, S-1087(5) which may be purchased by State Agencies and Cooperative Purchasing Venture (CPV) members on an as needed basis.
2. **PRICES.** Prices are firm through the first year. After that period, prices may increase once a year. Price increases are not effective until they are approved by the AMS/Buyer. **NOTE:** At no time should the ordering entity pay more than the Contract price. Agencies must contact the AMS/Buyer immediately and fill out a Vendor Performance Report if there is a discrepancy between the price on the invoice and the Contract price.
3. **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 <http://maps.google.com>. The ordering agency may use the Contract Vendor delivery, may pick up the equipment, or may contract for delivery with anyone it chooses.
4. **Right to Add.**  
During the term of the contract, the State reserves the right to add additional equipment and accessories, upon mutual agreement between the State and the Contractor(s) through a duly executed amendment to the contract.
5. **Buying "Off" Contract.**  
The State reserves the right to issue an additional RFB/Event, separate and aside from this RFB, if deemed in its best interest. The State may use whatever RFB/Event procedure that is most advantageous to the State. The State also reserves the right to issue another RFB/Event if new makes and models become available that would be of interest and benefit to the State or CPV members.
6. **Billing Requirements.**  
The Contractor must submit separate detailed invoices for each purchase order to the "bill-to" address as shown on the purchase order.  
  
If requested, the Contractor must submit one copy of the original purchase order issued from the State agency or CPV member and one copy of the final invoice for each transaction against the Contract to the AMS. The invoice must be itemized per the detail in the Manufacturer's Vendor Price Schedule that is submitted with the RFP. The State intends that the final invoice is generated only after the equipment has been delivered, inspected, approved and accepted.
7. **Interest Rate on Unpaid Balance.**  
The Contractor may not charge interest on unpaid balances over and above what is allowed in State law. Contractors may not calculate additional interest into the price offered for the equipment to cover expenses on unpaid balances.
8. **Equipment Literature.**  
Upon request by a State agency or CPV member, the Contractor shall provide equipment sales literature at no cost to the requestor. Equipment sales literature should include items such as, but not limited to, product information, product functionality, and operation instructions. A link to the manufacturer's website that includes technical data must be provided and should be included with the response to the Solicitation.
9. **Equipment Orientation.**  
Unless the cost of orientation is itemized on the Price Schedule, the cost of the equipment includes orientation to familiarize the end user on how the vehicle will operate, the mounting and removal of accessories and options, and all operating and safety instruction. The Contractor must provide orientation where the ordering entity takes possession, unless otherwise requested by the ordering entity. Orientation for drop shipped goods may be accomplished via video or other means as approved by the ordering entity.
10. **Miscellaneous Items.**  
State agencies may purchase incidental miscellaneous parts, accessories and labor that are not listed on the Price Schedule but are directly related to a specific item(s) included on the Contract. The total cost for these miscellaneous 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 Contractor.

**11. Discontinued and Replacement Models.**

All equipment offered must be available during the initial terms of the contract. If the manufacturer discontinues a model number during the initial term of the contract, the contractor must notify the AMS as soon as possible of the change.

No replacement models will be allowed unless confirmed in writing by the AMS through a fully executed amendment. The State is under no obligation to accept a replacement model.

**12. Purchase of Rented Equipment.**

If there are options for the Customer to purchase rented equipment after the equipment has been received and rented, then the final equipment price will be based on the number of engine hours, or miles prior to delivery to the Customer (see 15b below). New rented equipment is defined as rented equipment with zero hours, or miles prior to the delivery to the Customer. Used rental or demo equipment is defined as rental or demo equipment with registered engine hours or miles prior to delivery to the Customer.

12.1. **Purchase New Rented Equipment.** New rented equipment is defined as new equipment with zero engine hours, or miles prior to the delivery to the Customer and rented by the Customer prior to purchase. If there is an option to purchase new rental equipment, and if included on the Price Schedule, the Contractor will indicate the percentage of the rental price paid to be applied to the final purchase price. This percent will be deducted from the contracted price for the equipment.

The Contractor must list on the Price Schedule if additional interest and finance charges would be added to the purchase price for the rental period only so the Customer can determine if it desires to purchase the rental equipment. If this includes a finance charge, the percent must be indicated on the Price Schedule. If the Prime Interest Rate is also used as a calculator in the formula for calculation, it may only be the average Prime Interest Rate for the rental term only. The Contract Vendor must provide any documentation requested to substantiate the Prime Interest Rate being charged.

12.2. **Purchase of Used Rented Equipment.** Used rental equipment is defined as equipment rented by the Customer with registered engine hours or miles prior to delivery to the Customer. If requested on the Price Schedule, the Contractor may offer used rental equipment for sale. The rental equipment for sale must be the same make and model on contract. The manufacturer's warranty shall be transferred to the new owner. The Contractor should consider all associated costs involved if the rental equipment is purchased and no additional interest or finance charges will be allowed.

12.3. **Purchase of Rented Equipment Calculation.**

The final equipment purchase price will be based on two factors:

1. A price per hour or mile deducted for each registered engine hour or mile prior to the delivery to the Customer from the current State Contract base price, and
2. The percentage of the Customer rental price paid and applied to the final equipment purchase price.

Equipment Contract Base Price

Minus (-) Used Equipment Deduction (registered hours or miles prior to delivery multiplied (x) by the contract price per used hour)

Subtotal

Minus (-) % Percent of paid rental fees

Equals (=) Final Equipment Purchase Price

EXAMPLE: MnDOT rents a used piece of equipment which has a contract price of \$20,000.00 to purchase new. The equipment has 100 registered engine hours prior to delivery to MnDOT. The equipment is rented for three (3) months at a contracted cost of \$2,000.00 per month totaling \$6,000.00. The contracted price for each used engine hour is \$1.00 per hour. The contracted rental price percentage to be applied to the purchase of rented equipment is 20%. When MnDOT decides to purchase the Used Rental Equipment their final equipment purchase price will be as follows;

\$20,000.00 (= the Equipment Contract Base Price)  
- \$ 100.00 (\$1.00 X 100 hours = the Used Equipment Deduction)  
= \$19,900.00 (Subtotal)  
- \$ 1,200.00 (20% of \$6,000.00 (the total rent paid) = the Percent of paid rental fees)  
\$18,700.00 (final equipment purchase price)

If extended warranty options are available, Contractors should list the costs on the Price Schedule under "Options." The price should include all associated costs and indicate the number of years, miles or hours the extended warranty term covers.

### 13. Rental Return or Demo Equipment for Sale.

During the term of the Contract, if a Contract Vendor owned rental return or demo equipment become available for purchase and the equipment is currently on contract, the equipment may be purchased by the Customer.

The remaining manufacturer's warranty shall be transferred to the new owner. The Contractor should consider all associated costs involved if the rental or demo owned equipment is purchased and no additional interest or finance charges will be allowed if purchase occurs. The final equipment price will be based on the price deduction per used hour or mile offered from the current State Contract base price.

Used equipment that has been purchased by a Contract Vendor customer, whether the purchase was made under the Contract or not and has been returned to the Contract Vendor is not part of this Solicitation and may not be offered. Customers must acquire used equipment according to their local purchasing requirements.

**SWIFT CODES:** 21101800 Vegetation Sprayers, De-Icing Systems, and Pressure Washers  
25172600 Parts & Accessories  
78111808 Rental

### REVISIONS:

10/28/2024 Contracts 203218, 203220, 203215, 203216 extended through November 30, 2025, at the same prices, terms, and conditions.

01/16/2024 Contract 203218 extended through 11/30/2024 with updated price schedule. Contract 203216 amended to extend through November 30, 2024.

01/03/2024 Contract 203219 extended through 11/30/2024 with updated price schedule.

12/12/2023 Contract 203216 end date 12/12/2023.

12/01/2023 203217 and 203216 amended to extend 12-months at same prices, terms, and conditions. 203215 amended to extend for 12-months at same prices, add Exhibit C terms, and add equipment. 203220 extended 12-months with updated price schedule.

03/30/2023 Northern Tool Contract No. 203219 is amended to add NorthStar, Item # 157597 (Spec 4.6 and 4.7) Trailer Type Pressure Washer and update List Price Listing. 3. All other specifications, prices, terms, and conditions remain the same.

12/01/2022 All contracts are extended through November 30, 2023. American Pressure Contract No. 203215 and Northern Tool Contract No. 203219 are extended at same prices.  
Diamond Industrial Cleaning Equipment Contract No. 203216, L & D Ag Service Inc. Contract No. 203217, Midwest Wash Systems LLC DBA Hosty MN Contract No. 203218 and RJ Sayers Distributing, LLC Contract No. 203220 are extended with updated pricing.  
All other terms, conditions and specifications remain the same.

08/19/2022 AMS/Buyer updated from Karen McIntyre to Paul Thomas.

01/18/2022 American Pressure Contract No. 203215 is amended to add the API MHC4-353E-BD-12V and API MHC3-303-12V. All other terms, conditions and specifications remain unchanged.

01/07/2022 Hotsy MN Contract No. 203218 is amended to update the price schedules, All other terms, conditions and specifications remain unchanged.



## EQUIPMENT SPECIFICATION

### 1.0 SCOPE

#### SECTION 1: EQUIPMENT SPECIFICATION

##### VEGETATION SPRAYERS / DE-ICING SYSTEMS / PRESSURE WASHERS

### 1. GENERAL EQUIPMENT SPECIFICATIONS

- 1.1. Units under these specifications shall be the most current advertised production models as modified per specifications and approved by MNDOT.
- 1.2. Units shall be 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.
- 1.3. Units shall be complete with all equipment required as listed below, assembled and ready for immediate operation, and must meet all applicable State and Federal codes and standards.

### 2.0 VEGETATION SPRAYERS

#### 2.1 VEGETATION SPRAYER REQUIREMENTS

- 2.1.1 The equipment/systems offered in this section shall be designed for the purpose of controlling weeds/vegetation.
- 2.1.2 At minimum, the unit shall be capable of spraying directly behind the unit.
- 2.1.3 Units offered shall be bid upon within the following categories: ATV/UTV type, Pickup Truck Skid Type, Ag/Farm Tractor Skid Type, Pickup Truck Trailer Type, Ag/Farm Tractor Trailer Type, Class 7/8 Dump/Flatbed Truck Skid Type.
- 2.1.4 Fully loaded/filled base units offered under each category must not exceed vehicle GVWR, GCWR, and payloads.
- 2.1.5 Tanks may be constructed of plastic/poly or stainless steel.
- 2.1.6 Electrical Controls and On/Off switches, and Data Logging equipment are to be mounted in the cab of the truck or tow vehicle in a location to prevent heat/moisture/weather exposure and must be within reach of the operator while driving.
- 2.1.7 Trailer frame must be welded and sufficient to hold all tanks, pumps, and other equipment.
- 2.1.8 All hoses, connections, and fittings are to be installed and secured in such a manner as to limit and/or prevent said items from dangling, rubbing, chafing, or wearing. Guns, nozzles, etc are to be secured in a weather-resistant or weather-proof holster/sleeve.
- 2.1.9 All trailer units must meet the FMVSS 108 lighting standard, as well as Minn. Statute 169.79 requiring a rear license plate bracket for trailers greater than 3,000 lbs GVW.
- 2.1.10 Trailer type units must include an option for a 3-inch pintle hitch for towing.
- 2.1.11 Trailer wiring is to comply with MNDOT wiring specifications (per attached MNDOT wiring diagram).
- 2.1.12 Contractors for categories under this section must be able to provide both parts and installation/assembly to furnish a fully operational unit

2.2 ATV/UTV Weed Sprayers – Base Unit

2.3 ATV/UTV Weed Sprayers – Options

2.4 Skid-Type Sprayers – Base Unit: The equipment in this category is skid-type sprayers for use with pickup trucks, ag/farm tractors, and vehicles considered Class 5 (16,001-19,500 GVWR) or less.

2.5 Skid-Type Sprayers – Options

- 2.6 Trailer-Type Sprayers – Base Unit: The equipment in this category is trailer-type sprayers for use with pickup trucks, ag/farm tractors, and vehicles considered Class 5 (16,001-19,500 GVWR) or less.
- 2.7 Trailer-Type Sprayers – Options
- 2.8 Class 7-8 Skid-Type Sprayers – Base Unit: The equipment in this category is skid-type sprayers for use with vehicles considered Class 7 (26,001-33,000 GVWR) or Class 8 (33,001 and greater GVWR).
- 2.9 Class 7-8 Skid-Type Sprayers – Options

### **3.0 DE-ICING & WATER CONTROL SPRAYERS**

#### **3.1 DE-ICING SPRAYER REQUIREMENTS**

- 3.1.1 The equipment/systems offered in this section shall be designed for the purpose of spraying water for dust control or bridge flushing and/or solutions for ice control.
- 3.1.2 Customer shall provide Contractor with the trailer and tank.
- 3.1.3 Equipment offered shall be utilized with fifth-wheel tanker trailers and/or tow plows and will have a tank size of 3,000-gallon capacity or greater.
- 3.1.4 Units may or may not include a motor or pump suspended below the belly of the tanker trailer.
- 3.1.5 At minimum, the unit shall be capable of spraying across one 12-foot (3.6-meter) wide traffic lane.
- 3.1.6 Units shall be able to spray products such as, but not limited to, Magnesium-Chloride, Calcium-Chloride, Salt Brine, and/or Beet Juice.
- 3.1.7 All equipment offered must be able to withstand the corrosiveness associated with the above listed products. The intent is for these units to be in service primarily during the winter months.
- 3.1.8 Electrical Controls and On/Off switches, and Data Logging equipment are to be mounted in the cab of the truck or tow vehicle in a location to prevent heat/moisture/weather exposure and must be within reach of the operator while driving.
- 3.1.9 Deck-over or deck-under flatbed trailers with a tank size of 2,000 gallons or greater that are set up to pump salt brine and/or water for bridge flushing will be accepted.
- 3.1.10 Contractors can provide one or both of the following categories for this section of the Contract:
  - 3.1.10.1. Parts only, including but not limited to: nozzles, control valves, piping, spray bars, hose reels, engines no less than 5 hp, pumps
  - 3.1.10.2. Parts (as above) and hourly installation and assembly services to provide a completely operational unit

#### **3.2 De-Icing Sprayers Section I, Parts ONLY**

- 3.2.1. The equipment in this category should be for skid-type de-icing and water control sprayers for use with vehicles considered Class 7 or 8 (26,001 and greater GVWR).
- 3.2.2. Contractors must be able to provide parts for water and ice control systems with tanks greater than 3,000 gallons. Parts shall be including, but not limited to: nozzles, control valves, piping, spray bars, engines, pumps, etc.

#### **3.3 De-Icing Sprayers Section II, Parts & Labor**

- 3.3.1. The equipment in this category should be for skid-type de-icing and water control sprayers for use with vehicles considered Class 7 or 8 (26,001 and greater GVWR).

### **4.0 PRESSURE WASHERS / STEAM CLEANERS**

#### **4.1 PRESSURE WASHER / STEAM CLEANER REQUIREMENTS**

- 4.1.1 The equipment/systems offered in this section shall be designed for the purpose of spraying heated or non-heated water or steam for cleaning, culvert clearing, melting ice build ups, etc.

- 4.1.2 Units offered shall be bid upon within the following categories: ATV/UTV type, Pickup Truck Skid-Type, Ag/Farm Tractor Skid-Type, Pickup Truck Trailer-Type, Ag/Farm Tractor Trailer-Type, Class 5 Dump/Flatbed Truck Skid-Type, Class 5 Dump/Flatbed Trailer-Type, Stationary/Portable Hot Water .
- 4.1.3 Fully loaded/filled base units offered under each category must not exceed vehicle GVWR, GCWR, and payloads.
- 4.1.4 Units with a tank size less than 50 gallons or that are not capable of hot water, or that are not for use in the above applications are not permitted.
- 4.1.5 If offering a heated water option, based upon an inlet water temperature of 50 degrees Fahrenheit, the temperature must reach over 180 degrees Fahrenheit for water leaving the unit.
- 4.1.6 If offering a steam option, based upon an inlet water temperature of 50 degrees Fahrenheit, the temperature must reach over 250 degrees Fahrenheit for water leaving the unit.
- 4.1.7 Contractor may offer trailers that are deck-over, deck-under, open frame (no deck boards), or enclosed. Any trailer offered beyond the base unit must be identified in the price list.
- 4.1.8 Trailer frame must be welded and sufficient to hold all tanks, pumps, and other equipment.
- 4.1.9 All hoses, connections, and fittings are to be installed and secured in such a manner as to limit and/or prevent said items from dangling, rubbing, chafing, or wearing. Guns, nozzles, etc are to be secured in a weather-resistant or weather-proof holster/sleeve.
- 4.1.10 Trailer type units must include a 3-inch pintle hitch for towing. Other options may be offered on the price list.
- 4.1.11 Trailer wiring is to comply with MNDOT wiring specifications (per attached MNDOT wiring diagram). Other options may be offered on the price list.
- 4.1.12 All units offered in this section must be safety certified to UL-1776 (until 3/1/21) or UL-60335-2-79 (current) and must visibly display the appropriate marking label.
- 4.1.13 All trailer units must meet the FMVSS 108 lighting standard, as well as Minn. Statute 169.79 requiring a rear license plate bracket for trailers greater than 3,000 lbs GVW.
- 4.1.14 Contractors providing equipment in the categories under this section must be able to provide both parts and installation/assembly to furnish a fully operational unit. Installation of stationary units on Customer property will NOT be permitted on this contract.
- 4.2 ATV/UTV Type Pressure Washers – Base Unit
- 4.3 ATV/UTV Type Pressure Washers – Options
- 4.4 Skid-Type Pressure Washers – Base Unit: The equipment in this category is skid-type pressure washers for use with pickup trucks, ag/farm tractors, and vehicles considered Class 4 (14,001-16,000 GVWR) or less.
- 4.5 Skid-Type Pressure Washers – Options
- 4.6 Trailer-Type Pressure Washers – Base Unit: The equipment in this category is trailer-type pressure washers for use with pickup trucks, ag/farm tractors, and vehicles considered Class 4 (14,001-16,000 GVWR) or less.
- 4.7 Trailer-Type Pressure Washers – Options
- 4.8 Class 5 Skid-Type Pressure Washers – Base Unit: The equipment in this category is skid-type pressure washers for use with vehicles considered Class 5 (16,001-19,500 GVWR).
- 4.9 Class 5 Skid-Type Pressure Washers – Options
- 4.10 Class 5 Trailer-Type Pressure Washers – Base Unit: The equipment in this category is trailer-type pressure washers for use with vehicles considered Class 5 (16,001-19,500 GVWR).
- 4.11 Class 5 Trailer-Type Pressure Washers – Options
- 4.12 Skid-Type Pressure Washers – Base Unit: The equipment in this category is stationary or portable hot water pressure washers.
- 4.13 Skid-Type Pressure Washers – Options