

CONTRACT RELEASE: S-863(5)

DATE: MAY 4, 2021

PRODUCT/SERVICE: SNOWPLOW TRUCK COMPONENTS AND ACCESSORIES

CONTRACT PERIOD: MAY 1, 20201 THROUGH APRIL 30, 2022

EXTENSION OPTIONS: UP TO 48 MONTHS

ACQUISITION MANAGEMENT SPECIALIST/BUYER (AMS): DUSTIN BURNS

PHONE: 651.201.2441

E-MAIL: dustin.burns@state.mn.us

WEB SITE: www.mmd.admin.state.mn.us

NOTIFICATION OF MULTIPLE AWARDS

This release contains multiple awards for similar or like items. State Agencies and CPV members should review and compare all Contractor's prices 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 end user and it is important for the purchaser to review all Contracts and Contract prices before executing an order.

<u>CONTRACTOR</u>	<u>CONTRACT NO.</u>	<u>TERMS</u>	<u>DELIVERY</u>
ASPEN EQUIPMENT COMPANY 9150 Pillsbury Avenue South Bloomington, MN 55420	193068	NET 30	30-120 days ARO.
VENDOR NO.: 0000207536	CONTACT: Mark Lundeen mlundeen@aspeneq.com	PHONE: 952-656-7129 or 800.888.7671 FAX: 952.656.7159	
BERT'S TRUCK EQUIPMENT P.O. Box 336 3804 Highway 75 North Moorhead, MN 56561-0336	193056	NET 30	90-270 Days ARO
VENDOR NO.: 0000221519	CONTACT: Jim McLaughlin jimmc@bertsonline.com	PHONE: 218.233.8681 or 800.232.3787 FAX: 218.233.9548	

<u>CONTRACTOR</u>	<u>CONTRACT NO.</u>	<u>TERMS</u>	<u>DELIVERY</u>
CRYSTEEL TRUCK EQUIPMENT 1130 73 rd Avenue NE Fridley, MN 55432	193057	NET 30	150-240 DAYS ARO
VENDOR NO.: 0000210054	CONTACT: Josh Taylor jtaylor@crysteeltruck.com		PHONE: 763.571.1902 or 800.795.1280 FAX: 763.571.5091
	Bob Chicos – Outside Sales bchicos@crysteeltruck.com		PHONE: 507.726.6041
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IRON VALLEY EQUIPMENT 1770 Ridgewood Ave White Bear Township, MN 55110	193195	NET 30	14-180 DAYS ARO
VENDOR NO.: 0001082761	CONTACT: Adele Perkins snowandiceequipment@gmail.com		PHONE: 651.368.6055
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J-CRAFT BY TBEI P.O. Box 178 52182 Ember Road Lake Crystal, MN 56055	193058	NET 30	90-120 DAYS ARO
VENDOR NO.: 0000209815	CONTACT: Brandon Oachs boachs@tbei.com		PHONE: 507.720.4148 or 800.763.6017 FAX: 507.726.2559
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KLINE WELDING 14751 Camp Winona Trail Lonsdale, MN 55046	193049	NET 30	Delivery will be within 120 days of gaining access to the mounted truck boxes to obtain the required measurements to complete the sanders.
VENDOR NO.: 0000278455	CONTACT: Mark Kline klinewelding@hotmail.com		PHONE: 507.334.4909 FAX: 507.333.0713
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KOENIG & SONS EQUIPMENT 1384 Sylvan Street Saint Paul, MN 55117	193052	NET 30	60-90 Days ARO
VENDOR NO.: 0000245570	CONTACT: Jake Koenig jkoenig@koenigandsons.com		PHONE: 651.769.0770 FAX: 651.769.1196
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MACQUEEN EQUIPMENT, INC. 1125 E 7 th Street St. Paul, MN 55106	193067	NET 30	60-90 Days ARO
VENDOR NO.: 0000198821	CONTACT: Mike Purdy mike.purdy@macqueengroup.com		PHONE: 651.645.5726 or 800.832.6417 FAX: 651.645.6665
	ORDERS: orders@macqueengroup.com		
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MnSTAR Group 1251 Autumn Lane Bovey, MN 55709	193038	NET 30	28-42 Days ARO
VENDOR NO.: 0001068092	CONTACT: Kyle Ramos kboie@mnstar.com		PHONE: 218.329.5566 FAX: 218.326.5511

<u>CONTRACTOR</u>	<u>CONTRACT NO.</u>	<u>TERMS</u>	<u>DELIVERY</u>
M-B COMPANIES, INC. 1200 Park Street Chilton, WI. 53014	193051	NET 30	300 Days ARO
VENDOR NO.: 0000255408	CONTACT: Stephen Mueller smueller@m-bco.com	PHONE: 920.898.1077 or 888.558.5801 FAX: 920.849.2629	
OIL-AIR PRODUCTS, LLC 13010 county Road 6 PO BOX 41430 Plymouth, MN 55441	193048	NET 30	23-35 DAYS ARO
VENDOR NO.: 0000363706	CONTACT: Josh Beck jdb@oilair.com	PHONE: 763.478.8744	
STEPP MFG Co. Inc. 12325 River Rd North Branch, MN 55056	193066	NET 30	90 Days ARO
VENDOR NO.: 0000193727	CONTACT: Joan Sachs joan@steppmfg.com	PHONE: 651.674.4491 FAX: 952.698.8100	
TEAM EAGLE, INC. 141 Sanborn Road Tilton, NH 03276	193044	NET 30	7-98 DAYS ARO
VENDOR NO.: 0000900593	CONTACT: Ben McKeown benm@team-eagle.ca	PHONE: 705.653.2956 or 866.241.3264 FAX: 705.653.4732	
TOWMASTER, LLC (MONROE) 61381 US Hwy 12 Litchfield, MN 55355	193042	NET 30	90-120 Days ARO
VENDOR NO.: 0000979614	CONTACT: Tim Erickson terickson@towmaster.com	PHONE: 320.693.7900 or 866.335.1660 FAX: 320.693.7921	
TWIN STAR EQUIPMENT 495 Maryland Ave. St. Paul, MN 55117	193040	NET 30	90 DAYS ARO
VENDOR NO.: 0001017896	CONTACT: Patrick Iwan patrick@twinstartruck.com	PHONE: 651.829.4547	
UNIVERSAL TRUCK EQUIPMENT N15921 Schubert Road Galesville, WI 54630	193055	NET 30	365 DAYS ARO
VENDOR NO.: 0000226233	CONTACT: Donald Bjorge donnie@universaltruckequipment.com	PHONE: 608.539.4600 FAX: 608.539.4800	

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VAISALA, INC.
194 South Taylor
Louisville, CO

193070

NET 30

60 DAYS ARO

VENDOR NO.: 0000207684

CONTACT: Bert Murillo
bert.murillo@vaisala.com

PHONE: 303.436.2984
FAX: 303.499.1767

VIKING-CIVES MIDWEST, INC.
22956 Hwy 61
Morley, MO 63767

193045

NET 30

120 DAYS ARO

VENDOR NO.: 0000805512

CONTACT: Mary Dell
mdell@vikingcivesmidwest.com

PHONE: 573.262.3545 or 877.262.3545
FAX: 573.262.3540

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. This Contract must be used by State agencies unless a specific exception is granted in writing by the AMS listed above.

STATE AGENCY ORDERING INSTRUCTIONS. Orders are to be placed directly with the Contractor. 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](#).

HOW TO USE THIS MASTER CONTRACT

Step 1: Request a Quote

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

At a minimum the quote must include:

1. Contractor's name.
2. Name of Contractor's representative providing the quote.
3. Date of quote.
4. State Contract Release S-863(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 Contractor 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.
- **Price Lists:** Contact the Contractor to confirm the equipment brand, model and build specifications to satisfy your operational requirements. The Contractor shall confirm the equipment brand, model, and build specifications to the customer. Contracts were executed with a fix price. Prices can be found on the Minnesota Department of Transportation Maintenance Contracts (link below).

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

Only accept Contractor quotes that provide itemized contract pricing (lump sum price quotes must be rejected and revised by the Contractor 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 Contractor.

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 Contractors that itemized contract products and delivery charges as stated in the Special Terms. Lump sum prices must be rejected and reworked by the Contractor 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

SPECIAL TERMS AND CONDITIONS

SCOPE. The purpose of the Contract is to provide a source for snow plow truck body, components and accessories.

PRICES. Prices are firm through the initial period of the contract. After that period, prices may increase once a year. Price increases are not effective until they are approved by the AMS. **NOTE:** At no time should the ordering entity pay more than the Contract price. Agencies must contact the AMS immediately and fill out a Vendor Performance Report if there is a discrepancy between the price on the invoice and the Contract price. Customers wishing to pursue additional price discounts or items that are not listed on the Contract must issue a separate Contract according to their entities' purchasing procedures.

INSTALLATION SERVICES. Installation and/or mounting services may be applicable or may be requested on an as needed basis by the Customer. Equipment prices offered should not include installation or mounting cost unless otherwise indicated in the Equipment Specifications and/or Price Schedule. Responders should include an hourly labor rate on the Price Schedule provided with the Contract. If installation services are NOT AVAILABLE, list "N/A" on the Price Schedule. Responders should carefully examine the price schedule for installation pricing instructions.

SHIPPING REQUIREMENTS. All shipments are to be FOB Destination.

DELIVERY LEAD TIME. Order lead times will be ten (10) days after receipt of order unless a mutually agreed alternate delivery date is agreed by the Contractor and the Purchaser.

MINIMUM DELIVERY CHARGE. Responders may include a "minimum delivery charge" on the Price Schedule. The ordering agency may use the Contractor delivery, may pick up the equipment, or may contract for delivery with anyone it chooses. The delivery charge may be a factor in the State's award decision.

DELIVERY REQUIREMENTS. The Contractor 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 Contractor must confirm delivery locations and requirements with the Customer. Prior to delivery, the Contractor is responsible for confirming with the Customer that the delivery location will accommodate unloading the equipment.

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/Buyer. The invoice must be itemized per the detail in the Manufacturer's Vendor Price Schedule that is submitted with the RFB. The State intends that the final invoice is generated only after the equipment has been delivered, inspected, approved and accepted.

EQUIPMENT SALES 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 Contract.

ORIGINAL EQUIPMENT MANUFACTURER (OEM) WARRANTY. The equipment includes the OEM standard warranty. The Contractor shall be responsible for the cost of any inspections, adjustments, warranted parts, and labor charges to repair or replace warranted parts that are a result of equipment failure(s) during the warranty period. This shall be performed promptly unless otherwise mutually agreed by the Customer and the Contractor. This warranty shall commence when the unit is put into service. The Price Pages state the warranty term (months, years).

EQUIPMENT ORIENTATION. The cost of the equipment includes orientation to the end user that will familiarize the end user on how the vehicle will operate, the mounting and removal of accessories and/or options and all operating and safety instruction. The orientation is normally provided where the customer takes possession. Orientation for drop shipped goods may be accomplished via video or via other customer approved media.

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 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.

TRANSIT IMPROVEMENT VEHICLE EXCISE TAX. Not Applicable to this Contract.

<u>PRODUCT OR SERVICE</u>	<u>UNSPSC CODE</u>
Snow & Ice Removal Equipment	22101710
Parts & Accessories	25172600
Vehicle Interior Mats	25174400

REVISIONS:

EQUIPMENT LIST

Aspen Equipment

Excel Price Tab	Description	Make/Model	Item
1.0 Box	Mark E, 10 ft.	Henderson Model Mark E, 10' Body	Box
1.0 Box	Mark E, 11 ft.	Henderson Model Mark E, 11' Body	Box
1.0 Box	Mark E, 12 ft.	Henderson Model Mark E, 12' Body	Box
1.0 Box	Mark E, 13 ft.	Henderson Model Mark E, 13' Body	Box
1.0 Box	Mark E, 14 ft.	Henderson Model Mark E, 14' Body	Box
1.0 Box	Mark E, 15 FT	Henderson Model Mark E, 15' Body	Box
1.0 Box	Mark E, 16 FT	Henderson Model Mark E, 16' Body	Box
1.0 Box	Mark E, 17 FT	Henderson Model Mark E, 17' Body	Box
1.0 Box	Mark E, 18 Ft	Henderson Model Mark E, 18' Body	Box
1.0 Box	1096-SA	Henderson 1096-SA Elliptical Body	Box
1.0 Box	1196-SA	Henderson 1196-SA Elliptical Body	Box
1.0 Box	1296-SA	Henderson 1296-SA Elliptical Body	Box
1.0 Box	1396-TA	Henderson 1396-TA Elliptical Body	Box
1.0 Box	1496-TA	Henderson 1496-TA Elliptical Body	Box
1.0 Box	1596-TA	Henderson 1596-TA Elliptical Body	Box
1.0 Box	1696-TA	Henderson 1696-TA Elliptical Body	Box
1.0 Box	1796-TA	Henderson 1796-TA Elliptical Body	Box
1.0 Box	Muni 2 10	Henderson Muni 2 10 Body	Box
1.0 Box	Muni 2 11	Henderson Muni 2 11 Body	Box
1.0 Box	Muni 2 12	Henderson Muni 2 12 Body	Box
1.0 Box	Muni 2 13	Henderson Muni 2 13 Body	Box
1.0 Box	Muni 2 14	Henderson Muni 2 14 Body	Box
1.0 Box	Muni 2 15	Henderson Muni 2 15 Body	Box
1.0 Box	Muni 2 16	Henderson Muni 2 16 Body	Box
1.0 Box	Muni 2 17	Henderson Muni 2 17 Body	Box
1.0 Box	Black Max Options	Box Options	Box
2.0 Hoist	Mailhot CS90	Henderson / Mailhot CS90-4-3	Hoist
2.0 Hoist	Mailhot CS110	Henderson/Mailhot CS110-5-3	Hoist
2.0 Hoist	Mailhot CS130	Henderson/Mailhot CS130-6-3	Hoist
2.0 Hoist	Mailhot CS150	Henderson/Mailhot CS150-6-4	Hoist
2.0 Hoist	Mailhot M90	Henderson/Mailhot M-90-4.5-3	Hoist
2.0 Hoist	Mailhot M-100-4.5-3	Henderson/Mailhot M-100-4.5-3	Hoist
2.0 Hoist	Mailhot M 110-4.5-3	Henderson/Mailhot M-110-4.5-3	Hoist
2.0 Hoist	Mailhot G3-120	Henderson/Mailhot G3-120-5.5-3	Hoist
2.0 Hoist	Mailhot G3-130	Henderson/Mailhot G3-130-5.5-3	Hoist
2.0 Hoist	Mailhot G3-140	Henderson/Mailhot G3-140-5.5-3	Hoist
2.0 Hoist	Mailhot G-160	Henderson/Mailhot G3-160-6.5-4	Hoist
2.0 Hoist	Mailhot G3-170	Henderson/Mailhot G3-170-6.5-4	Hoist
2.0 Hoist	UB 8824 13FT	Henderson UB 8824 13'	Hoist
2.0 Hoist	UB 8824 14FT	Henderson UB 8824 14'	Hoist
2.0 Hoist	UB 8824 15FT	Henderson UB 8824 15'	Hoist
2.0 Hoist	UB 7-17	Henderson UB 7-17	Hoist
2.0 Hoist	UB 8-17	Henderson UB 8-21	Hoist
2.0 Hoist	UB 8-21	Henderson UB 8-21	Hoist
2.0 Hoist	Champion CS 620	Champion CS620HDFD	Hoist
2.0 Hoist	SL 180	Swaploader SL 180- Part#12H30	Hoist
2.0 Hoist	SL 212	Swaploader SL 212	Hoist
2.0 Hoist	SL 220	Swaploader SL 220- Part#50H95	Hoist

Excel Price Tab	Description	Make/Model	Item
2.0 Hoist	SL 222	Swaploader SL 222- Part#52H17	Hoist
2.0 Hoist	SL240	Swaploader SL240- Part#52H05	Hoist
2.0 Hoist	SL2418HD	Swaploader SL 2418HD-Part#50H71	Hoist
2.0 Hoist	SL330	Swaploader SL 330- Part#42H21	Hoist
2.0 Hoist	SL400	Swaploader SL400- Part#42H05	Hoist
2.0 Hoist	SL406	Swaploader SL406- Part#43H30	Hoist
2.0 Hoist	SL520	Swaploader SL520- Part#44H24	Hoist
2.0 Hoist	SL518	Swaploader SL518- Part#40H30	Hoist
3.0 Underbody Plow	HFA-UBS 10FT	Henderson HFA-UBS-10'	Underbody Plow
3.0 Underbody Plow	HFA-UBS 11FT	Henderson HFA-UBS-11'	Underbody Plow
3.0 Underbody Plow	HFA-UBS 12FT	Henderson HFA-UBS-12'	Underbody Plow
3.0 Underbody Plow	H-UBS 10	Henderson H-UBS-10	Underbody Plow
3.0 Underbody Plow	H-UBS 11	Henderson H-UBS-11	Underbody Plow
3.0 Underbody Plow	H-UBS 12	Henderson H-UBS-12	Underbody Plow
3.0 Underbody Plow	FAHD UBS 10	Henderson FAHD UBS 10Ft	Underbody Plow
3.0 Underbody Plow	FAHD UBS 11	Henderson FAHD UBS 11Ft	Underbody Plow
4.0 Wings	HWS 8 Patrol	Henderson Model HWS -8' Patrol Wing	Wing Plow
4.0 Wings	SDLWNG-10	Henderson Model XDLWNG-10' Leveling Wing	Wing Plow
4.0 Wings	HWS Mid 6FT	Henderson Model HWS Mid Mount – 6'	Wing Plow
4.0 Wings	Smart Link	Henderson Smart Link Rotational Floating Wing	Wing Plow
5.0 Hitch	Henderson	Henderson	Front Hitch
5.0 Hitch	Quick Hitch Low Pro	Henderson Quick Hitch – Low Profile	Front Hitch
5.0 Hitch	Rapid H-46B Falls Style	Henderson H46B Rapid Hitch “Falls” Style	Front Hitch
5.0 Hitch	29-inch Husting	Henderson 29” Husting Hitch	Front Hitch
5.0 Hitch	34-inch Husting Hitch	Henderson 34” Husting Hitch	Front Hitch
5.0 Hitch	Flat Plate No Wing	Henderson Flat Plate Without Front Mount Wing	Front Hitch
5.0 Hitch	Flat Plate with Wing	Henderson Flat Plate with Front Mount Wing	Front Hitch
5.0 Hitch	Pin & Loop	Henderson Pin & Loop	Front Hitch
5.0 Hitch	Pin Hitch Low Profile	Henderson Pin Hitch low Profile	Front Hitch
5.0 Hitch	Power Tilt Wing	Henderson Power Tilt Wing Quick Hitch	Front Hitch
5.0 Hitch	Power Tilt Wing Pin	Henderson Power Tilt Wing Pin Hitch	Front Hitch
5.0 Hitch	Hercules Pin and Loop	Henderson Hercules Pin and Loop	Front Hitch
5.0 itch	Hercules Quick Truck Hitch	Henderson Hercules Quick Truck Hitch	Front Hitch
5.0 Hitch	Hercules Pin Truck Hitch	Henderson Hercules Pin Truck Hitch	Front Hitch
5.0 Hitch	Henderson Pro Hitch	Henderson Pro Hitch	Front Hitch
6.0 Front Plow	RSP-11EXP	Henderson RSP-11EXP	Front Plow
6.0 Front Plow	RSP-10	Henderson RSP-10	Front Plow
6.0 Front Plow	RSP-11	Henderson RSP-11	Front Plow
6.0 Front Plow	RSP-12	Henderson RSP-12	Front Plow
6.0 Front Plow	SLT-RSP-10	Henderson SLT-RSP-10	Front Plow
6.0 Front Plow	SLT-RSP-11	Henderson SLT-RSP-11	Front Plow
6.0 Front Plow	SLT-RSP-12	Henderson SLT-RSP-12	Front Plow
6.0 Front Plow	RSP-OC-10	Henderson RSP-OC-10	Front Plow
6.0 Front Plow	RSP-OC-11	Henderson RSP-OC-11	Front Plow
6.0 Front Plow	RSP-OC-12	Henderson RSP-OC-12	Front Plow
6.0 Front Plow	RSP Flex-11	Henderson RSP-Flex-11	Front Plow
6.0 Front Plow	RSP Flex-12	Henderson RSP-Flex-12	Front Plow
6.0 Front Plow	SLT-RSP 10 Two Way	SLT-RSP10 2 way Reversible	Front Plow
6.0 Front Plow	SLT-RSP 11 Two Way	SLT-RSP11 2 way Reversible	Front Plow
6.0 Front Plow	SLT-RSP12 Two Way	SLT-RSP12 2 way Reversible	Front Plow
6.0 Front Plow	OWP 30-53-11	Henderson OWP 30-53-11	Front Plow
6.0 Front Plow	OWP 39-64-12	Henderson OWP 39-64-12	Front Plow

Excel Price Tab	Description	Make/Model	Item
6.0 Front Plow	OWP 40-63-11	Henderson OWP 40-63-11	Front Plow
6.0 Front Plow	OWP 29-54-12	Henderson OWP 29-54-12	Front Plow
6.0 Front Plow	OWR 30-48-10	Henderson 30-48-10	Front Plow
6.0 Front Plow	OWR 30-48-11	Henderson 30-48-11	Front Plow
6.0 Front Plow	OWR 40-56-11	Henderson 40-56-11	Front Plow
6.0 Front Plow	OWR 40-56-12	Henderson 40-56-12	Front Plow
7.0 Rear Hitch	5-8 Thick PH15 Pintle	Aspen 5/8 thick Hitch plate W/PH15 pintle Hook	Pup Hitch
7.0 Rear Hitch	3-4 Thick w P45AC4 Pintle	Aspen 3/4 "Thick Hitch plate W/P45AC4 Pintle hook	Pup Hitch
7.0 Rear Hitch	1in W P45AC4 Pintle Hook	Aspen 1" Plate W/P45AC4 Pintle Hook	Pup Hitch
8.0 Sanders	FSH1-10-48 VBox	Henderson Model FSH1-10-48	Sander
8.0 Sanders	FSH1-11-48 VBox	Henderson Model FSH1-11-48	Sander
8.0 Sanders	FSH1-12-48 VBox	Henderson Model FSH1-12-48	Sander
8.0 Sanders	FSH1-13-48 VBox	Henderson Model FSH1-13-48	Sander
8.0 Sanders	FSH1-14-48 VBox	Henderson Model FSH1-14-48	Sander
8.0 Sanders	FSH1-15-48 VBox	Henderson Model FSH1-15-48	Sander
8.0 Sanders	FSH1-16-48 VBox	Henderson Model FSH1-16-48	Sander
8.0 Sanders	V Box Options	V Box Options	Sander
8.0 Sanders	Henderson RTS-6	Henderson RTS-6	Sander
8.0 Sanders	Henderson RTS-9	Henderson RTS-9	Sander
8.0 Sanders	Henderson TGS-6	Henderson TGS-6	Sander
8.0 Sanders	Henderson TGS-9	Henderson TGS-9	Sander
8.0 Sanders	Swenson SAD-6	Swenson SAD-6	Sander
8.0 Sanders	Swenson SBD-9	Swenson SBD-9	Sander
8.0 Sanders	Swenson STCC	Swenson STCC	Sander
8.0 Sanders	Sander Tailgate Options	Sander Tailgate Options	Sander
9.0 Hydraulics	Cirus Mako 7 Section	Cirus Controls Mako 7 Section System	Hydraulics
9.0 Hydraulics	Cirus Mako 8 Section	Cirus Controls Mako 8 Section System	Hydraulics
9.0 Hydraulics	Cirus Mako 9 Section	Cirus Controls Mako 9 Section System	Hydraulics
9.0 Hydraulics	Cirus Mako 10 Section	Cirus Controls Mako 10 Section System	Hydraulics
9.0 Hydraulics	Cirus Mako 11 Section	Cirus Controls Mako 11 Section System	Hydraulics
9.0 Hydraulics	Cirus Lever Control 6 Function	Cirus Controls Lever Control, Manual Sander Valve	Hydraulics
9.0 Hydraulics	Cirus Manual 5 Function	Cirus Controls Hybrid, Manual Sander Valve	Hydraulics
9.0 Hydraulics	Cirus PVG32 Man Sander	Cirus PVG32 Manual Sander Valve	Hydraulics
9.0 Hydraulics	Cirus PVG32 Elec Hybrid	Cirus Lever control, PVG32 Hybrid Electric control	Hydraulics
9.0 Hydraulics	Cirus Optio	Cirus Options	Hydraulics
9.0 Hydraulics	Add-a-stack	Force Lever control, Add-a-Stack Elec control	Hydraulics
9.0 Hydraulics	Elec Propor Elec	Force Electric Proportional Electric Sander Control	Hydraulics
9.0 Hydraulics	Force Options	Hydraulics (Force Options)	Hydraulics
9.0 Hydraulics	Options	Options	Hydraulics
10.0 Air Bag	Air bag	Firestone	Air Bag
11.0 Anti-Icing	LAS 1235 Elip	Henderson LAS	Anti-Icing
11.0 Anti-Icing	Taskforce 10	Henderson Taskforce 10' w/201ss leg Kit & Wheel	Anti-Icing
11.0 Anti-Icing	Taskforce 11	Henderson Taskforce 11' w/201ss leg Kit & Wheel	Anti-Icing
11.0 Anti-Icing	Taskforce 12	Henderson Taskforce 12' w/201ss leg Kit & Wheel	Anti-Icing
11.0 Anti-Icing	Taskforce 13	Henderson Taskforce 13' w/201ss leg Kit & Wheel	Anti-Icing
11.0 Anti-Icing	Taskforce 14	Henderson Taskforce 14' w/201ss leg Kit & Wheel	Anti-Icing
11.0 Anti-Icing	Taskforce 15	Henderson Taskforce 15' w/201ss leg Kit & Wheel	Anti-Icing
11.0 Anti-Icing	Taskforce 16	Henderson Taskforce 16' w/201ss leg Kit & Wheel	Anti-Icing
11.0 Anti-Icing	Frist Response 9	Henderson First Response 9	Anti-Icing
11.0 Anti-Icing	Frist Response 10	Henderson First Response 10	Anti-Icing
11.0 Anti-Icing	Frist Response 11	Henderson First Response 11	Anti-Icing
11.0 Anti-Icing	Frist Response 12	Henderson First Response 12	Anti-Icing

Excel Price Tab	Description	Make/Model	Item
11.0 Anti-Icing	Frist Response 13	Henderson First Response 13	Anti-Icing
11.0 Anti-Icing	Frist Response 14	Henderson First Response 14	Anti-Icing
11.0 Anti-Icing	First Response 15	Henderson Frist Response 15	Anti-Icing
11.0 Anti-Icing	VariTech LDS AI305 DAS/SC	VariTech LDS AI305 DAS/SC	Anti-Icing
11.0 Anti-Icing	VariTech AI925	VariTech LDS AI925 DAS	Anti-Icing
11.0 Anti-Icing	Sprayer Spec SSDI 300	Sprayer Specialties SSDI 300	Anti-Icing

Bert's Truck Equipment of Moorhead

Excel Price Tab	Description	Make/Model	Item
1.0 Box	Crysteel STL Roller Combo	Crysteel HD Series	Box
1.0 Box	Crysteel Elliptical Box	Crysteel HD Select Elliptical	Box
1.0 Box	Crysteel STL SS	Crysteel SS-SLT	Box
1.0 Box	Bonnell Commander - Price List	Bonnell Commander MCR Series	Box
1.0 Box	Lighting & Misc.	Options	Box
1.0 Box	Varitech Pre-wet – Price List	Varitech Pre-wet	Box
2.0 Hoist	Crysteel RC Hoists	Crysteel Roller Combo Hoist, Less Hydraulics	Hoist
2.0 Hoist	Crysteel Marathon Hoist	Crysteel M53117 & M63138 Double acting	Hoist
2.0 Hoist	Steller Shuttle 65-138	Stellar Shuttle SH-138 Hooklift	Hoist
2.0 Hoist	Steller Shuttle 24-96	Stellar Shuttle SH24-96 Hooklift	Hoist
3.0 Underbodies	Falls	Falls Icebreaker IB Series, Fixed angle UB Plow	Underbody Plow
4.0 Wings	W Series Benching Wing Plow	Falls TW Series Benching Wings	Wing
4.0 Wings	Falls SDL&TDL	Falls TDL front mount and SDL	Wing
5.0 Front Hitch	Bonnell Front Hitch	Bonnell Front Hitches	Front Hitch
6.0 Front Plow	Falls Front Plows - List	Falls Plows List	Front Plow
6.0 Front Plow	Bonnell Front Plows - List	Bonnell Front Plow - List	Front Plows
7.0 Pup Hitch	Pup Hitch	¾ Plate Pup Hitch w/Holland PH400A	Pup Hitch
8.0 Sanders	Falls Tailgate Sander	Falls 1ASD Tailgate 6&9" Sander (Stainless Steel)	Sanders
8.0 Sanders	Swenson TG Sanders	Swenson Tailgate 6&9" Sanders (carbon & Stainless)	Sanders
8.0 Sanders	Swenson V Box	Swenson V-box Spreaders	Sanders
8.0 Sanders	Bonnell V-Box	Swenson V box Spreader	Sanders
9.0 Hydraulics	Force AAS-5100EX	Add a Stack SSC-5100E Sander Controls	Hydraulics
9.0 Hydraulics	Ultra 5100	MPJC ultra by Force America Load Sensing	Hydraulics
9.0 Hydraulics	Ultra 6100	AAF Ultra 6100	Hydraulics
9.0 Hydraulics	Reservoirs, filters, Opt	Hydraulic Options	Hydraulics
9.0 Hydraulics	MN DOT Ultra –MnDOT	MPJC Ultra 6100	Hydraulics
9.0 Hydraulics	PreCise Products	Options	Hydraulics
10.0 Air Bag	Air Bag	Canadian Loadshare HS Series	Air Bag
11.0 Anti-Icing	Css-200	VariTech Ind LDS A1200-DAS	Anti-Icing
11.0 Anti-Icing	CSS-305	VariTech Ind LDS A1305-DAS	Anti-Icing
11.0 Anti-Icing	CSS-400	VariTech Ind LDS A1400 DAS	Anti-Icing
11.0 Anti-Icing	CSS-535	VariTech Ind LDS A1500 DAS	Anti-Icing
11.0 Anti-Icing	AI925	Varitech Ind. LDS AI925-DAS	Anti- Icing
11.0 Anti-Icing	AI1035	VariTech Ind LDS AI1035 DAS	Anti-Icing
11.0 Anti-Icing	AI1300	VariTech Ind LDS AI1300-DAS	Anti-Icing
11.0 Anti-Icing	AI1620	VariTech Ind LDS AI1620-DAS	Anti-Icing
11.0 Anti-Icing	AI1850	VariTech Ind LDS AI1850-DAS	Anti-Icing
11.0 Anti-Icing	AI12600	VariTech Ind LDS AI2600-DAS	Anti-Icing
11.0 Anti-Icing	In-Box Tanks	Single and Tandem axle trucks	Anti-Icing

Crysteel

Excel Price Tab	Description	Make/Model	Item
1.0 Box	Box Accessories	Box Accessories	Box
1.0 Box	SD	Crysteel Contractor Body	Box
1.0 Box	HD Contractor	Crysteel Heavy Duty Contractor Body	Box
1.0 Box	Select SA	Crysteel Select Body	Box
1.0 Box	Select HD SA	Crysteel Select HD Body	Box
1.0 Box	Select SS SA	Crysteel Select Stainless Steel Body	Box
1.0 Box	Elliptical SA	Crysteel Elliptical Body no Fenders	Box
1.0 Box	Elliptical SA HD	Crysteel Elliptical HD Body no Fenders	Box
1.0 Box	Elliptical SS SA	Crysteel Elliptical Stainless-Steel Body	Box
1.0 Box	Select TA	Crysteel Select Body	Box
1.0 Box	Select HD TA	Crysteel Select HD Body	Box
1.0 Box	SS TA	Crysteel Select Stainless Steel Body	Box
1.0 Box	Elliptical TA	Crysteel Elliptical Body	Box
1.0 Box	Elliptical HD TA	Crysteel Elliptical HD Body	Box
1.0 Box	Elliptical SS TA	Crysteel Elliptical Stainless Steel	Box
2.0 Hoist	RC SA	Crysteel Roller Combo	Hoist
2.0 Hoist	RC TA	Crysteel Roller Combo	Hoist
2.0 Hoist	Turbo	Crysteel Turbo Conventional	Hoist
2.0 Hoist	Marathon	Crysteel Marathon Inverted	Hoist
2.0 Hoist	Mailhot	Mailhot CS Series	Hoist
2.0 Hoist	Conversion	Crysteel Conversion Hoist	Hoist
2.0 Hoist	Stellar SA	Stellar Hook Lift	
2.0 Hoist	Stellar TA	Stellar Hook Lift	
2.0 Hoist	Slider 20	Slider 20 Hooklift	Hoist
2.0 Hoist	Slider 26	Slider 26 Hooklift	Hoist
2.0 Hoist	Slider 34	Slider 34 Hooklift	Hoist
2.0 Hoist	Slider 40	Slider 40 Hooklift	Hoist
2.0 Hoist	Slider 50	Slider 50 Hooklift	Hoist
2.0 Hoist	Slider 65	Slider 65 Hooklift	Hoist
2.0 Hoist	Stellar Cable	Stellar Cable Hoist	Hoist
3.0 underbody	MS 4500 Reversing	Monroe MS-4500 Reversing Scraper	Underbody
3.0 underbody	FMB Reversing	Monroe FMB Reversing Scraper	Underbody
3.0 underbody	MS 4500 FX Fixed	Monroe 4500 FX Fixed Angle Scraper	Underbody
3.0 underbody	MF-5 Fixed Angle	Monroe MF-5 Fixed Angle Scraper	Underbody
3.0 underbody	MS44-35 Reversing	Monroe MS-44/35 Reversing	Underbody
4.0 Wing	Double Function	Monroe DFWMB Double Function Patrol	Wing
4.0 Wing	RLP Double Function	Monroe DFWMB Rear Mount	Wing
4.0 Wing	DFWMB RLP Double Function	DFWMB Rear Mount double function	Wing
4.0 Wing	Single Function	Monroe SFWMB Single Function Patrol	Wing
4.0 Wing	MM Extendible	Monroe 8 MEW Mid Mount Extendible	Wing
4.0 Wing	10MMHDBW Benching	Monroe 10MMHDBW Benching	Wing
4.0 Wing	HDBW Benching Front Mount	Monroe HDBE Benching	Wing
5.0 Front Hitch	Hitch	Monroe Quick Hitch	Front Hitch
6.0 Front Plow	MTE MC6000	MTE MC6000 Quick Hitch	Front Plow
6.0 Front Plow	RH Snow Plow MPFA	Monroe MPFA Models w/ISCT	Front Plow
6.0 Front Plow	RH Slotted Trip Plow	Monroe MPHS ISST Slotted Trip Plow	Front Plow
6.0 Front Plow	RH MP311	Monroe MP311 Full Moldboard Trip	Front Plow
6.0 Front Plow	RH MP312	Monroe MP312 Full Moldboard Trip	Front Plow
6.0 Front Plow	RH MFPFA32 -62-12	Monroe MPFA with ISCT	Front Plow
6.0 Front Plow	2 Way Reversible Full Trip	Monroe Reversible	Front Plow
6.0 Front Plow	2 Way 48-48-66 Rev ST Plow	Monroe 48-48-66 Reversible	Front Plow

Excel Price Tab	Description	Make/Model	Item
6.0 Front Plow	2 Way 48-48-66 Rev CT Plow	Monroe 48-48-66 Reversible	Front Plow
6.0 Front Plow	2 Way Reversible "C" TT	Monroe Reversible Mod W/ISTT	Front Plow
6.0 Front Plow	2 Way Reversible "J" TT	Monroe Reversible Mod W/ISTT	Front Plow
6.0 Front Plow	2 Way Reversible TE	Monroe Reversible Mod W/ISTT	Front Plow
6.0 Front Plow	2 Way Reversible MP43R-ISXT	Monroe MP43R-ISXT	Front Plow
6.0 Front Plow	MP45R11-MP55R12	Monroe Reversible Mod W/ISTT	Front Plow
6.0 Front Plow	2 Way High Wing Reversible FT	Monroe MPFT Expressway	Front Plow
6.0 Front Plow	2 Way High Wing Reversible ST	Monroe MPFT Expressway Slotted	Front Plow
6.0 Front Plow	SaltDogg Reverse	SaltDogg Reversible Models	Front Plow
6.0 Front Plow	SnowDogg Reverse Torsion Trip	SaltDogg Reversible Models	Front Plow
7.0 Pup Hitch	Pup Hitch	Buyers 45AC6K	Pup Hitch
8.0 Sander	VBOX VC PW Hyd	Sander Pre-Wet Monroe	Sander
8.0 Sander	TG VC PW Hyd	Sander Pre-Wet Monroe	Sander
8.0 Sander	VB A-LDS Elect PW	Sander Pre-Wet Monroe	Sander
8.0 Sander	TG Elec Close Loop	Sander Pre-Wet Monroe	Sander
8.0 Sander	MS966RF	Monroe Under Tailgate MS966RFDD	Sander
8.0 Sander	MS969 DD-DD-9	Monroe Under Tailgate MS969DDDD one Way	Sander
8.0 Sander	Vee Box MCV MS	Monroe Vee Box MCV HD	Sander
8.0 Sander	Vee Box MCV SS	Monroe Vee Box MCV HD Stainless Steel	Sander
8.0 Sander	Duz More	Monroe HD Duz More	Sander
8.0 Sander	Radius Dump Spreader	Monroe RDS Dump Spreader	Sander
8.0 Sander	Combo Unit	Monroe Combo Unit	Sander
8.0 Sander	RTS 3645-6 Unit	Monroe TRS3645-6-RF	Sander
8.0 Sander	Cross Conveyor	Monroe Cross Conveyor MS10318	Sander
8.0 Sander	Accu-Place	Monroe Accu-Place	Sander
8.0 Sander	Salt Slurry Gen	Monroe Salt Slurry Generator	Sander
8.0 Sander	HTC 1800 Cross Conveyor	HTC 1800	Sander
8.0 Sander	Buyers Vee Box Hyd	Buyer Salt Dogg Vbox Spreader	Sander
8.0 Sander	Buyer Vee Box Elec	Buyer Salt Dogg Vee Box Spreader	Sander
8.0 Sander	Vari Tech Prewet Radius Bod	Varitech Pre Wet Sander Sys.	Sander
8.0 Sander	Vari Tech Prewet Tailgate	Varitech Pre Wet Sander Sys.	Sander
9.0 Hydraulics	Man Elec Addastack	Force Add-A-Stack LS Manual	Hydraulics
9.0 Hydraulics	Ultra 5100FX	Force LS Ultra	Hydraulics
9.0 Hydraulics	Ultra 6100	Force America Ultra 6100	Hydraulics
9.0 Hydraulics	Electric Add On	Electric Add on Options	Hydraulics
9.0 Hydraulics	Reservoir Add On	Add on Options hydraulic	Hydraulics
9.0 Hydraulics	GPS Precise	Precise GPS	Hydraulics
9.0 Hydraulics	Certified Electrical	Certified Power EDS	Hydraulics
9.0 Hydraulics	Certified Manual	Certified Power Manual Sys	Hydraulic
9.0 Hydraulics	Danfoss 545	Dan Foss	Hydraulics
10.0 Air Bag	Air Bag	Canadian Load Share HS10257-114	Air Bag
11.0 Anti-Icing	OMCO	OMCO HF 422 Anti-Icing /Flusher	Anti-Icing
11.0 Anti-Icing	United 2000 gal Flusher	United 2000 Flusher System	
11.0 Anti-Icing	Vari-Tech AI200 gal	Vari-Tech Ind LDS AI200 DAS/SC	Anti-Icing
11.0 Anti-Icing	Vari-Tech AI305 gal	Vari-Tech Ind LDS AI305 DAS/SC	Anti-Icing
11.0 Anti-Icing	Vari-Tech 400 gal	Vari-Tech Ind LDS AI400 DAS/SC	Anti-Icing
11.0 Anti-Icing	Vari-Tech 535 gal	Vari-Tech Ind LDS AI500 DAS/SC	Anti-Icing
11.0 Anti-Icing	Vari Tech AI925	VariTech Ind LDS AI925 DAS	Anti-Icing
11.0 Anti-Icing	Vari Tech AI1035	VariTech Ind LDS AI1035-DAS	Anti-Icing
11.0 Anti-Icing	Vari-Tech 1300 gal	Vari-Tech Ind LDS A11300 DAS/SC	Anti-Icing
11.0 Anti-Icing	Vari-Tech 1620 gal	Vari-Tech Ind LDS A11620 DAS/SC	Anti-Icing
11.0 Anti-Icing	Vari-Tech 1850 gal	Vari-Tech Ind LDS A11850 DAS/SC	Anti-Icing

Excel Price Tab	Description	Make/Model	Item
11.0 Anti-Icing	Vari-Tech 2600 gal	Vari-Tech Ind LDS AI2600-DAS	Anti-Icing
11.0 Anti-Icing	OMCO	OMCO HF 422 Anti-Icing /Flusher	Anti-Icing
11.0 Anti-Icing	Monroe Ant-Icing	Monroe Anti-Icing Non-Tiered	Anti-Icing
13.0 Airport	Protec Pushers	Protech SP12L Pusher	Airport

Iron Valley Equipment

Excel Price Tab	Description	Make/Model	Item
1.0 Box	Iron Valley Contractor	Box	Box
2.0 Hoist	Marrel Ampliroll	Hoist	Hoist
3.0 Underbody	Tenco	311 Series	Underbody
3.0 Underbody	Tenco	900 Series	Underbody
4.0 Wing	Tenco TCW	TCW - RH	Wing
5.0 Front Hitch	SnowDogg Municipal	Municipal	Front hitch
5.0 Front Hitch	Tenco	H20	Front Hitch
5.0 Front Hitch	Tenco	H345	Front Hitch
5.0 Front Hitch	Tenco	H-CUS	Front Hitch
6.0 Front Plow	SnowDogg	36" Municipal Reversible	Front Plow
6.0 Front Plow	SnowDogg	42" Municipal Reversible	Front Plow
6.0 Front Plow	SnowDogg	Expressway Reversible	Front Plow
6.0 Front Plow	Tenco	Twist and Shoot Reversible	Front Plow
6.0 Front Plow	Tenco	C Shaped Reversible	Front Plow
7.0 Sanders	SaltDogg	Hydraulic Municipal - 24" Pintle Chain V Box	Sander
7.0 Sanders	SaltDogg	Hyd Municipal – 7" Single or Duel Auger V Box	Sander
7.0 Sanders	SaltDogg	Electric Municipal - Stainless V Box	Sander
7.0 Sanders	SaltDogg	Municipal Under Tailgate – Stainless	Sander
7.0 Sanders	SaltDogg	Municipal Dump – Stainless	Sander
7.0 Sanders	Salt Dogg	Municipal Dump – Duel Auger	Sander
8.0 Hydraulics	Buyers Central	Buyers Central	Hydraulic
13.0 Airport	Tenco plow	Plow	Airport

J Craft

Excel Price Tab	Description	Make/Model	Item
1.0 Box	Options	Options	Box
1.0 Box	Ultra MD	J-Craft Ultra-MD	Box
1.0 Box	Ultra MDR	J-Craft Ultra-MD	Box
1.0 Box	Ultra MX	J-Craft Ultra MX	Box
1.0 Box	Ultra MXR	J-Craft Ultra MXR	Box
1.0 Box	Ultra SS	J-Craft Ultra SS	Box
1.0 Box	Ultra SSR	J-Craft Ultra SSR	Box
2.0 Hoist	LR27	Rugby LR-27	Hoist
2.0 Hoist	JU-50	J-Craft JU-50	Hoist
2.0 Hoist	JU-90	J-Craft JU-90	Hoist
2.0 Hoist	Mailhot CS	Mailhot CS	Hoist
2.0 Hoist	Marathon	Crysteel Marathon Inverted	Hoist
2.0 Hoist	Turbo SA	J-Craft/Turbo Conventional Telescopic	Hoist
2.0 Hoist	Ampliroll AL100L-16	Amploroll AL100L -16	Hoist
2.0 Hoist	Ampliroll AL120L-16	Amploroll AL120L -16	Hoist
2.0 Hoist	Ampliroll AL140L-16	Amploroll AL140 -16	Hoist

Excel Price Tab	Description	Make/Model	Item
2.0 Hoist	Ampliroll AL150L-16	Ampliroll AL150 -16	Hoist
2.0 Hoist	Ampliroll AL160L-19	Ampliroll AL160 -19	Hoist
2.0 Hoist	Ampliroll AL160-22	Ampliroll AL160 -22	Hoist
3.0 Underbodies	Fixed Underbody	Henke UBS FXD	Underbody
3.0 Underbodies	Reversible Underbody	Henke UBS-XH4.0	Underbody
3.0 Underbodies	Oscillation Underbody UBS	Henke UBS Oscillating UB	Underbody
4.0 Wings	HD Postless	Postless wing	Wing Plow
4.0 Wings	Dual PB HD PPW	Postless Plow wing	Wing Plow
4.0 Wings	Lenexa HD	Lenexa HD	Wing
4.0 Wings	HD High Bench	Henke High Benching Wing	Wing
5.0 Front Hitch	JC Front Hitch	J-Craft 46B-MN Hitch	Front Hitch
5.0 Front Hitch	Henke Front Hitch	Henke universal Hitch	Front Hitch
6.0 Front Plows	RH30-47 OWFA	Henke One Way 30-47 10IS, ECT, UH	Plow
6.0 Front Plows	RH 39-52 OWFA	Henke One Way 39-52 OWFA	Plow
6.0 Front Plows	RH 30-60 OWFA	Henke One Way 30-60 OWFA	Plow
6.0 Front Plows	RH 45-65 OWFA	Henke One Way 45-65 OWFA	Plow
6.0 Front Plows	2-way LL Plow	Henke 2 Way Reversible Plow	Plow
6.0 Front Plows	2-way RW Plow	Henke 2 Way Road Warrior Plow	Plow
6.0 Front Plows	2-way RW PLP Plow	Henke 2 Way Road Warrior PLP Plow	Plow
6.0 Front Plows	2-Way J-Pow Series	Henke J-Plows	Plow
6.0 Front Plows	2-Way PLP J-Plow Series	Henke J-Plows SSTE	Plow
6.0 Front Plows	2-Way Expressway	Henke Expressway SLT	Plow
6.0 Front Plows	2 Way Alaska Expressway	Henke Alaska Expressway SLT	Plow
6.0 Front Plows	Poly Flex	Henke 12' Poly Flex Plow	Plow
7.0 Pup Hitch	SA	5/8 Thick pull Plate and bracing to truck	Hitch
7.0 Pup Hitch	TDM	¾ Thick Pull Plate, ½ Thick Bracing to truck	Hitch
8.0 Sander	JC6" SS	J-Craft 6TGS SS Salt Special	Sander
8.0 Sander	JC 9 TG	J-Craft 9TGS SS Tailgate Sander	Sander
8.0 Sander	Henke 9 TG	Henke 9 TG Sander	Sander
8.0 Sander	Henke HX2000 Pintle VBox	HX2000 VBox	Sander
8.0 Sander	Henke HX2190 Vbox	HXC2190 vbox	Sander
8.0 Sander	Henke HXC2000 Pintle V Box	HXC-2000 V Box Slide out Conveyor	Sander
8.0 Sander	Henke HXC2000 vbox	HXC2000 Slide	Sander
8.0 Sander	Henke HXC2000 7" Dual Auger Vbox	HXC2000 Dual Auger	Sander
9.0 Hydraulics	Force MnDOT	Force pump MCV-ISO	Hydraulics
9.0 Hydraulics	Force Add A Fold	Force Add A Fold	Hydraulics
9.0 Hydraulics	Force Add A Stack	Force Pump 4020 Add0-A- Stack Valve	Hydraulics
9.0 Hydraulics	Standard Hydraulic Options	Options	Hydraulics
10.0 Air Bag	Air Bag	Canadian Load Share HS	Air Bag
11.0 Ant- Icing	200GL	VariTek AI200-DAS/SC	Anti-Icing
11.0 Ant- Icing	305GL	VariTek AI305-DAS/SC	Anti-Icing
11.0 Ant- Icing	400GL	VariTek AI400-DAS/SC	Anti-Icing
11.0 Ant- Icing	535GL	VariTek AI535-DAS/SC	Anti-Icing
11.0 Ant- Icing	925GL	VariTek AI925-DAS	Anti-Icing
11.0 Ant- Icing	AI1035-DAS	VariTek AI1030-DAS	Anti-Icing
11.0 Ant- Icing	AI1620-DAS	VariTek AI1620-DAS	Anti-Icing
11.0 Ant- Icing	AI1850-DAS	VariTek AI1850-DAS	Anti-Icing
11.0 Ant- Icing	AI2600-DAS	VariTek AI2600-DAS	Anti-Icing
17.0 Temp Sensor	Precise	ARC	Temp Sensors

Excel Price Tab	Description	Make/Model	Item
8.0 Sanders	Dry Sander S	Dry Sander 12626-S-DA	Sander
8.0 Sanders	Slurry Sander TD	Slurry Sander 12626-T-DA	Sander
8.0 Sanders	Lo Pro Spinner Mounts LH RH	Lo Pro Spinner Mounts 14210-SM-DC-RH/LH	Sander
8.0 Sanders	Lo Pro Spinner Mounts RH LH	Lo Pro Spinner Mounts 14210-SM-SC- RH/LH	Sander
8.0 Sanders	Auger	Slurry Auger Kit 1-08 1027-SAK	Sanders
8.0 Sanders	Slurry Sander T SA	Slurry Sander 12626-T-SA	Sander
8.0 Sanders	Slurry Sander S SA	Slurry Sander 12626-S-SA	Sander
8.0 Sanders	MnDOT	MnDOT	Sander

Koenig & Sons

Excel Price Tab	Description	Make/Model	Item
2.0 Hoist	HAS 200	Palfinger HAS200	Hoist
2.0 Hoist	T12	Palfinger T12	Hoist
2.0 Hoist	T29	Palfinger T29	Hoist
2.0 Hoist	T40	Palfinger T40	Hoist
2.0 Hoist	T50	Palfinger T50	Hoist

MacQueen

Excel Price Tab	Description	Make/Model	Item
1.0 Box	Everest MUS	Everest MUS Single & Tan	Box
1.0 Box	Everest MR Tandem	Everest MR	Box
1.0 Box	Everest MS Single	Everest MS	Box
1.0 Box	Everest MSL	Everest MSL	Box
1.0 Box	Everest DBS	Everest DBS	Box
1.0 Box	American GI-85 single	American GI-85	Box
1.0 Box	American GI-90 Tandem	American GI-90	Box
3.0 Underbody	Wausau Underbody	PB 10' 11' 12'	Underbodies
4.0 Wings	Everest ACPEA	Everest ACPEA W22	Wing
4.0 Wings	Wausau Wing	Wausau SPW 10	Wing
5.0 Front Hitch	Wausau Truck & Plow	Wausau Truck & Plow Hitch	Front Hitch
6.0 Front Plow	American CSA	American Snow Plows CSA 42" 10'	Plow
6.0 Front Plow	Everest RLHD Rev	Everest RLHD 108TM34DH	Plow
6.0 Front Plow	Wausau AT 36 Rev	Wausau AT	Plow
6.0 Front Plow	Wausau R	Wausau R – Reversable 36-10	Plow
6.0 Front Plow	Wausau HSS 36 REV	Wausau HSS	Plow
6.0 Front Plow	Degelaman Speed Blade Rev	Degelaman Speed Blade 15 ft	Plow
6.0 Front Plow	American TRAC	American Sno-plow Trac 108	Plow
6.0 Front Plow	American RAC	American Sno Plow RAC 11'	Plow
6.0 Front Plow	Wausau LPW Rev	Wausau LPW	Plow
8.0 Sanders	Epoke S4900AST	Epoke 4900 Sirius Combi AST Road Speed	Sander
8.0 Sanders	Epoke S3800AST	Epoke 3800 Sirius Combi AST Road Speed	Sander
11.0 Anti-ice	Epoke Vertis SAT	Epoke Virtus AST	Anti-Icing
11.0 Anti-ice	Tyler AD4000	Tyler AD4000	Anti-Icing
11.0 Anti-ice	Tyler AD100	Tyler AD100	Anti-Icing
11.0 Anti-ice	Tyler AD-SI-T	Tyler AD-SI-T	Anti-Icing
13.0 Airport	Wausau RMP 18 Plow	Wausau RMP 18	Airport
13.0 Airport	Wausau BMP 1850 Plow	Wausau BMP 1850 HW	Airport
13.0 Airport	Wausau CWK-MP	Blower	Airport
13.0 Airport	Wausau Tu318	Blower	Airport
13.0 Airport	Oshkosh SEB	Oshkosh Truck	Airport
13.0 Airport	Oshkosh P-18505	Oshkosh P-1850S/J Hook	Airport

Excel Price Tab	Description	Make/Model	Item
13.0 Airport	Oshkosh H2723	Oshkosh H2723	Airport
13.0 Airport	Oshkosh XF Broom	Oshkosh XF Front Broom	Airport
13.0 Airport	Oshkosh Towed Broom	Oshkosh Towed Broom	Airport

MB Companies

Excel Price Tab	Description	Make/Model	Item
13.0 Airport Airfield	TOWGA	3600 Tow behind broom	Airport
13.0 Airport Airfield	3600 TRT Tractor Broom	3600 TRT Tractor Broom	Airport
13.0 Airport Airfield	4600 Tow Broom and Engine	4600 Tow Broom	Airport
13.0 Airport Airfield	CRDL Broom	4600 CRDL Tow Broom	Airport
13.0 Airport Airfield	TTB Broom	4600 TTB Tracking Towed Broom	Airport
13.0 Airport Airfield	TOWGA	3600 Tow behind broom	Airport
13.0 Airport Airfield	Runway Broom	4600 TOWV Tow Behind Runway Broom	Airport
13.0 Airport Airfield	All Wheel Drive Kit	All Wheel Drive Kit	Airport
13.0 Airport Airfield	MB2 Plow & Chassis	MB2 Plow	Airport
13.0 Airport Airfield	MB3 Broom & Chassis	MB3 Broom	Airport
13.0 Airport Airfield	MB3 Plow & Chassis	MB3 Plow	Airport
13.0 Airport Airfield	MB4 Snow Blower and chassis	MB4 Snow Blower & Chassis	Airport
13.0 Airport Airfield	MB5 Mid-Mount Broom and Chassis	MB5 Mid Mount broom	Airport
13.0 Airport Airfield	North Star Single Engine Blower	North Star Single Engine Blower	Airport
13.0 Airport Airfield	P3UB Underbody Scraper	P3UB Underbody Scraper	Airport
13.0 Airport Airfield	P5000 Plow	P5000 Reversible Plow	Airport
13.0 Airport Airfield	P5500 Cupping Ramp Plow	P5500 Cupping Ramp Plow	Airport

MnSTAR Group

Excel Price Tab	Description	Make/Model	Item
12.0 Wire Harness	Wire Harness	Wire harness	Wire Harness

Oil Air

Excel Price Tab	Description	Make/Model	Item
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Stepp

Excel Price Tab	Description	Make/Model	Item
11.0 Anti-Icing	2000 Gallon	Stepp SSF-2000	Anti-Ice
11.0 Anti-Icing	3000 Gallon	Stepp SSF-3000	Anti-Ice
11.0 Anti-Icing	5000 Gallon	Stepp SSF-5000	Anti- Ice

Team Eagle

Excel Price Tab	Description	Make/Model	Item
16.0 ice Breakers	Raiko P-14	Raiko P-14	Ice Breakers
16.0 ice Breakers	Raiko P-15	Raiko P-15	Ice Breakers
16.0 ice Breakers	Raiko T-7	Raiko T-7	Ice Breaker
16.0 ice Breakers	Raiko T-8	Raiko T-8	Ice Breaker
16.0 ice Breakers	Raiko T-12	Raiko T-12	Ice Breaker
16.0 ice Breakers	Raiko T-14	Raiko T-14	Ice Breaker
16.0 ice Breakers	Raiko T-15	Raiko T-15	Ice Breaker

Towmaster

Excel Price Tab	Description	Make/Model	Item
1.0 Box	Edge RC SGL	Edge RC SGL	Box
1.0 Box	EDGE SC SGL	EDGE SC SGL	Box
1.0 Box	EDGE RS SGL	EDGE RS SGL	Box
1.0 Box	EDGE SS SGL	EDGE SS SGL	Box
1.0 Box	EDGE RC Tan	EDGE RC Tan	Box
1.0 Box	EDGE RS Tan	EDGE RS Tan	Box
1.0 Box	EDGE SS Tan	EDGE SS Tan	Box
1.0 Box	EDGE RA Tan	EDGE RA Tan	Box
1.0 Box	Swenson APB-RD-SGL	Swenson APB-RD-SGL	Box
1.0 Box	Swenson APB-FD Tan	Swenson APB-FD Tan	Box
1.0 Box	Swenson APB-RD Tan	Swenson APB-RD Tan	Box
1.0 Box	Options	Options	
1.0 Box	Pre-Wet System Options	Pre-Wet System Options	Box
2.0 Hoist	Palfinger TMTE	Palfinger TMTE	Hoist
2.0 Hoist	TMTE 1820	TMTE 1820	Hoist
2.0 Hoist	TMTE 2824	TMTE 2824	Hoist
2.0 Hoist	Mailhot TMTE TELE	Mailhot TMTE TELE	Hoist
2.0 Hoist	SWAPLOADER	SWAPLOADER	Hoist
2.0 Hoist	SL-180	SL-180	Hoist
2.0 Hoist	SL212	SL212	Hoist
2.0 Hoist	SL-220	SL-220	Hoist
2.0 Hoist	SL-222	SL-222	Hoist
2.0 Hoist	SL-240	SL-240	Hoist
2.0 Hoist	SL-2418	SL-2418	Hoist
2.0 Hoist	SL-330	SL-330	Hoist
2.0 Hoist	SL-400	SL-400	Hoist
2.0 Hoist	SL-406	SL-406	Hoist
2.0 Hoist	SL-412	SL-412	Hoist
2.0 Hoist	SL-518	SL-518	Hoist
2.0 Hoist	SL-520	SL-520	Hoist
2.0 Hoist	SL-650	SL-650	Hoist
2.0 Hoist	Options	Options	Hoist
3.0 Underbody Plow	Falls IB	Falls IB	Underbody Plow
3.0 Underbody Plow	Falls IBR	Falls IBR	Underbody Plow
4.0 Wing Plow	Falls SDL	Falls SDL	Wing Plow
4.0 Wing Plow	Falls TDL	Falls TDL	Wing Plow
4.0 Wing Plow	Falls TW Frt MT	Falls TW Frt MT	Wing Plow
4.0 Wing Plow	Falls TW RR MT	Falls TW RR MT	Wing Plow
5.0 Front Hitch	X1	X1	Front Hitch
5.0 Front Hitch	X4	X4	Front Hitch
5.0 Front Hitch	50	50	Front Hitch
5.0 Front Hitch	X6	X6	Front Hitch
5.0 Front Hitch	X8	X8	Front Hitch
6.0 Front Plow	FX311	FX311	Front Plow
6.0 Front Plow	Fx312	Fx312	Front Plow
6.0 Front Plow	Fx412	Fx412	Front Plow
6.0 Front Plow	Fx412xh	Fx412xh	Front Plow
6.0 Front Plow	PR	PR	Front Plow
6.0 Front Plow	TER	TER	Front Plow
6.0 Front Plow	POLY	POLY	Front Plow

Excel Price Tab	Description	Make/Model	Item
6.0 Front Plow	FX311R	FX311R	Front Plow
6.0 Front Plow	ROX	ROX	Front Plow
6.0 Front Plow	SPR	SPR	Front Plow
6.0 Front Plow	VEE	VEE	Front Plow
7.0 Hitch	Medium Duty	Medium Duty	Rear Hitch
7.0 Hitch	Heavy Duty	Heavy Duty	Rear Hitch
8.0 Sanders	Falls 6	Falls 6	Sanders
8.0 Sanders	Falls 9	Falls 9	Sanders
8.0 Sanders	Swenson 6	Swenson 6	Sanders
8.0 Sanders	Swenson 9	Swenson 9	Sanders
8.0 Sanders	Swenson STCC	Swenson STCC	Sanders
8.0 Sanders	Swenson EV100	Swenson EV100	Sanders
8.0 Sanders	Swenson EVDA MAC	Swenson EVDA MAC	Sanders
8.0 Sanders	Swenson EVA150	Swenson EVA150	Sanders
8.0 Sanders	Hi-Way 2020XT Vbox	Hi-Way 2020XT Vbox	Sanders
8.0 Sanders	HI-Way XT3 Type III	HI-Way XT3 Type III	Sanders
8.0 Sanders	HI-Way XZALT	HI-Way XZALT	Sanders
9.0 Hydraulics	Force America ADD a Stack	Force America ADD a Stack	Hydraulics
9.0 Hydraulics	Force America ADD a Fold	Force America ADD a Fold	Hydraulics
10.0 Air Bag	Canadian Load Share HS	Canadian Load Share HS	Air Bag
11.0 Anti-Icing	Varitek	AI200	Anti-Icing
11.0 Anti-Icing	Varitek	AI305	Anti-Icing
11.0 Anti-Icing	Varitek	AI400	Anti-Icing
11.0 Anti-Icing	Varitek	AI535	Anti-Icing
11.0 Anti-Icing	Varitek	AI925	Anti-Icing
11.0 Anti-Icing	Varitek	AI1035	Anti-Icing
11.0 Anti-Icing	Varitek	AI1300	Anti-Icing
11.0 Anti-Icing	Varitek	AI1620	Anti-Icing
11.0 Anti-Icing	Varitek	AI1850	Anti-Icing
11.0 Anti-Icing	Varitek	AI2600	Anti-Icing
17.0 Temp Sensor	PreCise ARc	PreCise ARc	Temp Sensor

Twin Star Equipment

Excel Price Tab	Description	Make/Model	Item
1.0 Box	Single Axle	Twin Star Contractor	Box
1.0 Box	Single Axle	Twin Star Municipal SS	Box
1.0 Box	Single Axle	Twin Star Municipal Elip	Box
1.0 Box	Single Axle	Twin Star Stainless	Box
1.0 Box	Single Axle	Twin Star Single Square	Box
1.0 Box	Tandem Axle	Twin Star Municipal Elip	Box
1.0 Box	Tandem Axle	Twin Star Tan Square Steel	Box
1.0 Box	Tandem Axle	Twin Star Municipal Square Stainless	Box
1.0 Box	Tandem Axle	Twin Star Municipal Elip Steel	Box
2.0 Hoist	HYVA FX A4.5-3HC	HYVA FX A4.5-3HC	Hoist
2.0 Hoist	HYVAFX A5.5-3HC	HYVAFX A5.5-3HC	Hoist
2.0 Hoist	Marrel Ampliroll	Marrel Ampliroll	Hoist
2.0 Hoist	Twin Star UBSF820	Twin Star UBSF820	Hoist
3.0 Underbody Plow	Tenco 900	Tenco 900	Underbody Plow
3.0 Underbody Plow	Tenco 310, 311 & 311-OSC	Tenco 310, 311 & 311-OSC	Underbody Plow
4.0 Wings	Tenco TCW	Tenco TCW	Wing
5.0 Front Hitch	Buyers Snow Dogg	Buyers Snow Dogg	Front Hitch

Excel Price Tab	Description	Make/Model	Item
5.0 Front Hitch	Tenco H20	Tenco H20	Front Hitch
5.0 Front Hitch	Tenco H345	Tenco H345	Front Hitch
5.0 Front Hitch	Tenco H-CUS	Tenco H-CUS	Front Hitch
6.0 Front Plows	Snowdogg Munit Rev	Snowdogg Munit Rev	Front Plow
6.0 Front Plows	SnowDogg Reversible	SnowDogg Reversible	Front Plow
6.0 Front Plows	Byers Expressway Rev	Byers Expressway Rev	Front Plow
6.0 Front Plows	Tenco Med/Heavy Duty Rev	Tenco Med/Heavy Duty Rev	Front Plow
6.0 Front Plows	Tenco Twist & Shoot	Tenco Twist & Shoot	Front Plow
6.0 Front Plows	Tenco FKC "C" Rev	Tenco FKC "C" Rev	
			Front Plow
6.0 Front Plows	Tenco Expressway Rev	Tenco Expressway Rev	Front Plow
7.0 Rear Hitch	Twin Star Plate	Twin Star Plate	Rear Hitch
8.0 Hydraulics	Buyers Central	Buyers Central	Hydraulics
8.0 Hydraulics	Muncie Central Elec	Muncie Central Elec	Hydraulics
8.0 Hydraulics	Muncie Central Cable	Muncie Central Cable	Hydraulics
9.0 Sander	Muni UTS6	Muni UTS6	Sander
9.0 Sander	Stainless	Stainless	Sander
9.0 Sander	Municipal Dump	Municipal Dump	Sander
9.0 Sander	SS Municipal Conveyor	SS Municipal Conveyor	Sander
9.0 Sander	SS Municipal Dual Auger	SS Municipal Dual Auger	Sander
9.0 Sander	SS Vbox	SS Vbox	Sander
9.0 Sander	SS Vbox 7" Auger	SS Vbox 7" Auger	Sander
9.0 Sander	SS Vbox Chain Conv 7-	SS Vbox Chain Conv 7-10 Yrd	Sander
9.0 Sander	SS Vbox Chain Conv	SS Vbox Chain Conv 5 Yrd	Sander
9.0 Sander	SS Vbox Elec Drive	SS Vbox Elec Drive	Sander
9.0 Sander	SS Vbox 10-14Ft	SS Vbox 10-14Ft	Sander
11.0 Anti-Ice	Buyers 1065	Buyers 1065	Anti-Ice
11.0 Anti-Ice	Buyers 1750	Buyers 1750	Anti-Ice
11.0 Anti-Ice	Buyers 210	Buyers 210	Anti-Ice
11.0 Anti-Ice	Buyers 325	Buyers 325	Anti-Ice
11.0 Anti-Ice	Buyers 550	Buyers 550	Anti-Ice
12.0 Airport	Arctic Snow Plow	Arctic Snow Plow	Airport
12.0 Airport	Tenco Plow	Tenco Plow	Airport

Universal Truck Equipment

Excel Price Tab	Description	Make/Model	Item
1.0 Box	Mark E SA 10'	Henderson 10' Mark E SA	Box
1.0 Box	Mark E SA 11	Henderson 11' Mark E SA	Box
1.0 Box	Mark E SA 12'	Henderson 12' Mark E SA	Box
1.0 Box	Mark E SA Stainless 10'	Henderson 10' Mark E SA Stainless	Box
1.0 Box	Mark E SA Stainless 11'	Henderson 11' Mark E SA Stainless	Box
1.0 Box	Mark E SA Stainless 12	Henderson 12' Mark E SA Stainless	Box
1.0 Box	Mark E -ti 13-16	Henderson Mark E-ti (XD)	Box
1.0 Box	Mark E -ti SS 13-16	Henderson Mark E-ti (XD-SS) Stainless	Box
1.0 Box	MuniBody 10	Henderson 9/10 MuniBody 2	Box
1.0 Box	MuniBody 11	Henderson 10/11 MuniBody 2	Box
1.0 Box	MuniBody 12	Henderson 11/12 MuniBody 2	Box
1.0 Box	MuniBody 13	Henderson 12/13 MuniBody 2	Box
1.0 Box	MuniBody 14	Henderson 13/14 MuniBody 2	Box
1.0 Box	MuniBody 15	Henderson 14/15 MuniBody 2	Box
1.0 Box	MuniBody 16	Henderson 15/16 MuniBody 2	Box
1.0 Box	MuniBody 17	Henderson 16/17 MuniBody 2	Box
1.0 Box	All Henderson Box Options	Options	Box
1.0 Box	All Body Options	All Body Options	Box
2.0 Hoist	Henderson UB7-17	Henderson UB7-17	Hoist
2.0 Hoist	Henderson UB8-21	Henderson UB8-21	Hoist
2.0 Hoist	Henderson UB-8824	Henderson UB-8-21	Hoist
2.0 Hoist	Mailhot M90-4.5-3	Mailhot Host M90-4.5-3	Hoist
2.0 Hoist	Mailhot M100-4.5-3	Mailhot Host M100-4.5-3	Hoist
2.0 Hoist	Mailhot M110-4.5-3	Mailhot Host M110-4.5-3	Hoist
2.0 Hoist	Mailhot G3 120-5.5-3	Mailhot Host G3 120-5.5-3	Hoist
2.0 Hoist	Mailhot G3 130-5-3	Mailhot Host G3 130-5.5-3	Hoist
2.0 Hoist	Mailhot G3 140-5.5-3	Mailhot Host G3 140-5.5-3	Hoist
2.0 Hoist	Mailhot G3 150-5.7-4	Mailhot Host G3 150-5.7-4	Hoist
2.0 Hoist	Mailhot CS90-4-3	Mailhot Hoist SC90-4-3	Hoist
2.0 Hoist	Mailhot CS110-5-3	Mailhot Hoist SC110-5-3	Hoist
2.0 Hoist	Mailhot CS130-6-3	Mailhot Hoist SC130-6-3	Hoist
2.0 Hoist	Mailhot CS150-6-4	Mailhot Hoist SC150-6-4	Hoist
3.0 Underbodies	Universal UBRS-11	Universal underbody Reversible UBRS	Underbody
3.0 Underbodies	Universal UBFS-10	Universal underbody Fixed Angle UBFS	Underbody
3.0 Underbodies	Universal UBRS FM 11	Universal Underbody Reversible UBRS	Underbody
4.0 Wings	AHW/UTF	Universal AHW UGF 8 UNI-GLIDE	Wing
4.0 Wings	AHW PDFX	Universal AHW PDFX 8	Wing
4.0 Wings	AHW UTJM	AHW UGTHM 7 JR	Wing
4.0 Wings	AHW PDJM	AHW PDJM 7 Jr	Wing
4.0 Wings	AHW FOW	Universal - AHW/fold out	Wing
5.0 Front Hitch	Pin & Loop	Universal Truck Portion Pin & Loop	Front Hitch
5.0 Front Hitch	Husting Hitch	Universal Truck Portion of 29" Husting Hitch	Front Hitch
5.0 Front Hitch	Snap Link Hitch	universal Truck Portion of Snap Link style Hitch	Front Hitch
5.0 Front Hitch	Pin Hitch	Universal Truck Portion of Pin Hitch	Front Hitch
5.0 Front Hitch	Pin & Loop	Universal Truck Portion Pin & Loop	Front Hitch
6.0 Front Plows	OWUTA 11-33-56 RH One Way	Universal OWUTA 11-33-56 RH One Way	Front Plow
6.0 Front Plows	OWUTA 11-30-50 RH One way	Universal OWUTA 11-30-50 RH One Way	Front Plow
6.0 Front Plows	OWCST-11-30-56 RH One Way	Universal OWUTA-11-30-56 RH One Way	Front Plow
6.0 Front Plows	OWCST-11-30-50 RH One Way	Universal OWUTA-11-33-50 RH One Way	Front Plow
6.0 Front Plows	BH Reversible	Universal BH-11-43L Two Way Reversible	Front Plow
6.0 Front Plows	UTA Reversible	Universal UTA 11-43H 2Way Power Reversible	Front Plow

Excel Price Tab	Description	Make/Model	Item
6.0 Front Plows	CST Reversible	Universal CST 11-43L 2Way Power Reversible	Front Plow
6.0 Front Plows	UTAGW Gull Wing	Universal UTAGW-12-58L Gull Wing	Front Plow
8.0 Sander	Henderson TGS 6	Henderson TGS 6	Sander
8.0 Sander	Henderson TGS 9	Henderson TGS 9	Sander
8.0 Sander	Swenson SAD 6	Swenson SAD 6	Sander
8.0 Sander	Swenson SBD 6	Swenson SBD 6	Sander
8.0 Sander	Swenson SBD 9	Swenson SBD 9	Sander
8.0 Sander	Universal Uni-roll Drum	Universal Uniroll Drum Sander	Sander
9.0 Hydraulic Controls	Cable 5100EX	Force America Add A Stack Manual Sand Control	Hydraulics
9.0 Hydraulic Controls	Ultra 5100EX	Force America MP JC2100 Ultra 3 Stick	Hydraulics
9.0 Hydraulic Controls	Ultra 6100	Force America MPH6100-3-CAN-Ultra	Hydraulics
9.0 Hydraulic Controls	FA Precise options	options	Hydraulics

Vaisala

Excel Price Tab	Description	Make/Model	Item
17.0 Temp Sensor	Temp Sensors MnDOT	Surface Patrol	Temp Sensors

Viking-Cives Midwest

Excel Price Tab	Description	Make/Model	Item
14.0	Tow Behind Plow TP26RH	TP26RH	Tow Plow
14.0	Tow Behind Plow TP26BD	TP26BD	Tow Plow



May 3, 2021

Doug Blada
M-B Companies, Inc.
201 MB Lane
Chilton, WI 53014

Dear Mr. Blada:

The following documents are enclosed for you to complete and return:

- State of Minnesota Contract No.193051 for Snowplow Truck Components & Accessories.
- Diverse spend reporting required. Please send the information detailed in the attached Viva Welcome Letter to support@starssmp.com within two businesses days. The Viva company will send by email a link to the portal, log-in information, portal guidance manual and information on accessing the training video. More information on the State's Tier 2 program is provided herein.

Please sign and return **the** documents, **VIA EMAIL**, to **dustin.burns@state.mn.us** at the following email address by **5/5/2021**.

- Certificate of Insurance (COI) - A current certificate of insurance from your insurer, in the amounts called for in the solicitation, is required now to complete the Contract document. The insurance requirements are attached for your convenience. Please have your insurance provider send a copy of the COI electronically to osp.insurance@state.mn.us. No contract will be executed with your company until the COI has been received and approved.

Documents that are not properly executed will be returned to you. Failure to submit executed forms in the time required may result in cancellation of the award. Upon receipt of the properly executed forms, and after signatures are obtained from the appropriate State authorities, a copy of the completed Contract documents will be sent to your company.

If you have any questions, please contact me.

Sincerely,

Dustin Burns
Acquisition Management Specialist
Enclosures

Diverse Spend Reporting Instructions

The State of Minnesota is committed to diversity and inclusion in public procurement. The State anticipates the total value of your Contract may exceed \$500,000, including all extension options, therefore you must track and report, on a quarterly basis, the amount paid to diverse businesses both: 1) directly to subcontractors performing under the Contract, and 2) indirectly to diverse businesses that provide supplies/services to your company (in proportion to the revenue from this Contract compared to your company's overall revenue).

Please send the following information to support@starssmp.com within two business days they will send by email a link to the portal, log-in information, portal guidance manual and information on accessing the training video.

Legal Company Name:	M-B CO INC
Doing Business As- Name (if different than legal name):	M-B Companies, Inc.
SWIFT Contract No.	193051
Federal Tax ID:	39-1208304
Corporate Address:	1615 Wisconsin Avenue
Corporate City:	New Holstein
Corporate State	Wisconsin
Corporate Zip:	53061
Company Email:	steve.mueller@aebi-schmidt.com
Primary Contact Name:	Steve Mueller
Primary Contact- Email	steve.mueller@aebi-schimdt.com

Once you are a registered user, please set up your contract in the portal. You will be able to access State of MN approved/certified suppliers from within the tool to add them as your subcontractors for a contract. If you have a supplier that is not available from the existing list, please follow the process for setting up each diverse subcontractor and supplier associated with this contract. This includes direct spend with diverse subcontractors, and also includes "indirect spend," which is the proportion of spend your company pays to diverse suppliers for items like office supplies, utilities, materials, cleaning services, and so on, that can be related back to your contract with the state.

Please contact the State of Minnesota Office of Equity in Procurement procurement.equity@state.mn.us if you have questions about using the portal, how subcontractors and suppliers are designated as diverse small businesses, and how quarterly reporting is used and monitored.

INSTRUCTIONS

Return the signed sets of documents to the OSP office.

REQUIRED SIGNATURES:

- ◆ The documents must be signed by an **officer** of your company, e.g., president, vice president, assistant vice president, corporate secretary, assistant corporate secretary, treasurer, or assistant treasurer.
- ◆ If your company is a corporation, the signature of one corporate officer is binding. If your company is a partnership, the signature of one partner is binding.

If someone other than the corporate officers listed above signs the document (e.g., manager, sales manager, executive assistant, etc.), evidence of his or her authority to do so must accompany the document. The evidence can be either:

- A corporate power of attorney, or
- A **certified copy** of a board resolution authorizing the alternate signature with a letter attached and signed by a corporate officer stating the resolution is in force and effective.



State of Minnesota Contract

SWIFT Contract No.: 193051

This Contract is between the State of Minnesota, acting through its Commissioner of Administration ("State") and M-B Companies, Inc. whose designated business address is 201 MB Lane, Chilton, WI 53014 ("Contractor"). State and Contractor may be referred to jointly as "Parties."

Recitals

1. State issued a solicitation identified as G0210-20000011434 on January 20, 2021 for Snowplow Truck Components & Accessories S-863(5) ("Solicitation");
2. Contractor provided a response to the Solicitation indicating its interest in and ability to provide the goods or services requested in the Solicitation; and
3. Subsequent to an evaluation in accordance with the terms of the Solicitation and negotiation, the Parties desire to enter into a contract.

Accordingly, the Parties agree as follows:

Contract

1. Term of Contract

1.1 Effective date. May 1, 2021, or the date the State obtains all required signatures under Minn. Stat. § 16C.05, subd. 2, whichever is later. The Contractor must not begin work under this Contract until this Contract is fully executed and the Contractor has been notified by the State's Authorized Representative to begin the work.

1.2 Expiration date. April 30, 2022, or until all obligations have been satisfactorily fulfilled, whichever occurs first. The contract may be extended for up to an additional 48 months, in increments as determined by the State, through a duly executed amendment.

1.3 Contract Use. This Contract is not exclusive and shall not be construed as guarantying a minimum or maximum amount of usage.

2. Contractor's Duties

2.1 Contractor's Duties. The Contractor shall perform all duties described in this Contract to the satisfaction of the State.

2.2 Statement of Purpose. The purpose of this contract is to provide Snowplow Truck Components & Accessories S-863(5).

3. Representations and Warranties

3.1 Under Minn. Stat. §§ 15.061 and 16C.03, subd. 3, and other applicable law the State is empowered to engage such assistance as deemed necessary.

3.2 Contractor warrants that it is duly qualified and shall perform its obligations under this Contract in accordance with the commercially reasonable standards of care, skill, and diligence in Contractor's industry, trade, or profession, and in accordance with the specifications set forth in this Contract, to the satisfaction of the State.

3.3 Contractor warrants that it possesses the legal authority to enter into this Contract and that it has taken all actions required by its procedures, by-laws, and applicable laws to exercise that authority, and to lawfully authorize its undersigned signatory to execute this Contract, or any part thereof, and to bind Contractor to its terms.

4. Time

The Contractor must comply with all the time requirements described in this Contract. In the performance of this Contract, time is of the essence.

5. Compensation and Conditions of Payment

5.1 Compensation. The State will pay for performance by the Contractor under this Contract in accordance with the breakdown of costs as set forth in Exhibit D which is attached and incorporated into this Contract.

5.2 Conditions of Payment. All duties performed by the Contractor under this Contract must be performed to the State's satisfaction and in accordance with all applicable federal, state, and local laws, ordinances, rules, and regulations including business registration requirements of the Office of the Secretary of State. The Contractor will not receive payment for work found by the State to be unsatisfactory or performed in violation of federal, state, or local law.

6. Authorized Representative

6.1 The State's Authorized Representative is Dustin Burns, Acquisition Management Specialist, 112 Administration Building, 50 Sherburne Avenue, St. Paul, MN 55155 651-201-2441, or his/her successor or delegate, and has the responsibility to monitor the Contractor's performance.

6.2 Contractor's Authorized Representative. The Contractor's Authorized Representative is Doug Blada, Municipal Sales Manager at the following business address and telephone number: 201 MB Lane, Chilton, WI 53014, 920-898-1005, or his/her successor. If the Contractor's Authorized Representative changes at any time during this Contract, the Contractor must immediately notify the State.

7. Exhibits

The following Exhibits are attached and incorporated into this Contract. In the event of a conflict between the terms of this Contract and its Exhibits, or between Exhibits, the order of precedence is first the Contract, and then in the following order:

Exhibit A: Contract Terms

Exhibit B: Insurance Terms

Exhibit C: Specifications, Duties, and Scope of Work

Exhibit D: Price and Payment Schedule

- Exhibit D – Attachment 1 Sample Quote and Invoice

1. Contractor

The Contractor certifies that the appropriate person(s) have executed the Contract on behalf of the Contractor as required by applicable articles, bylaws, resolutions, or ordinances.

Print name: Doug Blada
Signature: *Doug Blada*
Title: CEO - MB AMP Date: 5/07/2021



2. Office of State Procurement
With delegated authority

Print name: Dustin Burns
Print name: DocuSigned by:
Signature: *Dustin Burns*
Signature: AMS-288B69CD33E54E4...
Title: AMS-288B69CD33E54E4... Date: 5/11/2021

3. Commissioner of Administration

As delegated to The Office of State Procurement

Print name: Luke Jannett
Print name: DocuSigned by:
Signature: *Luke Jannett*
Signature: 0266C0BD8EF44DE...
Title: Acquisitions Manager Date: 5/11/2021

Towmaster	J-CRAFT (TBEI)	Twin Star Equipment	Universal Truck Equipment Inc.	Vaisla inc.	Viking Cives Midwest Inc.
979614	209815	1017896	226233	207684	805612
MN Vendor	MN Vendor	MN Vendor	Out of State	Out of State	Out of State
Yes	Yes	Yes	Yes	Yes	Yes
None	None	None	None	Yes	None
None	None	None	None	None	None
No	No	No	No	No	No
Varible by Product	90 -120 Days	90 Days	365 Days	42 Days	120 Days
Yes- Certificate Valid until 10/4/21	Yes- Certificate Valid until 3/25/2025	Yes- Exempted	Yes- Exempted	Yes- Certificate Valid until 6/7/21	Yes- Certificate Valid until 5/23/22
Yes- Certificate Valid until 9/21/2021	Yes- Certificate Valid until 11/7/2023	Yes- Exempted	Yes- Exempted	Yes- Certificate Valid until 10/2/21	Yes- Non MN comply with Federal
Net 30	Net 30	Net 30	Net 30	Net 30	Net 30
Authorized Distributor	Manufacturer Rep.	OEM/Authorized Distrubutor	Authorized Distrubutor	OEM	OEM
Yes	Yes	Yes	Yes	Yes	Yes
Tim Erickson terickson@towmaster.com 320-593-4551	Brandon Oachs Sales Manager Ph# 507-726-4360 Fax 507-726-4360 boachs@tbei.com	Adam Jarvinen General Manager rjarvinen@twinstartruck.com 320-558-2800	Donald Bjorge President Office: 608-539-4600 Cell: 608-525-0026 Donnie@uiversaltruckequipment.com	Bert Murillo Sr. Sales Manager PH# 303-436-2984 Fax 303-499-1767 bert.murillo@vaisala.com	Dan Wheeler Sales Manager PH# 573-262-3545 Fax 573-262-3369 dwheeler@vikingcives.com
TOWMASTER 61381 US HWY 12 LITCHFIELD MN 55355	J CRAFT BY TBEI 52182 EMBER RD PO BOX 178 LAKE CRYSTAL MN 56055	TWIN STAR EQUIPMENT & MFG 1950 202ND ST E CLEARWATER MN 55320	UNIVERSAL TRUCK EQUIP INC N15921 SCHUBERT RD HWY 54/93 GALESVILLE WI 54630	VAISALA INC L 194 S TAYLOR AVE LOUISVILLE CO 80027	VIKING CIVES MIDWEST INC 22956 HIGHWAY 61 PO BOX 295 MORLEY MO 63767
100.00	100.00	100.00	100.00	100.00	100.00
Pass	Pass	Pass	Pass	Pass	Pass
844.22	766.48	895.27	682.02	900.00	900.00
0	0	0	0	0	0
944.22	866.48	995.27	782.02	1000.00	1000.00
Towmaster	JCRAFT (TBEI)	Twin Star Equipment	Universal Truck Equipment Inc.	Vaisla inc.	Viking Cives Midwest Inc.
Non TG/ED/VO Vendor. Awarded Contract for Products listed in their response.	Non TG/ED/VO Vendor. Awarded Contract for Products listed in their response.	Non TG/ED/VO Vendor. Awarded Contract for Products listed in their response.	Non TG/ED/VO Vendor. Awarded Contract for Products listed in their response.	Non TG/ED/VO Vendor. Awarded Contract for products listed in their response.	Non TG/ED/VO Vendor. Awarded Contract for Products listed in their response.

 **DEPARTMENT OF
ADMINISTRATION**
STATE PROCUREMENT

April 28, 2021

To: All Responders

Dear Responder:

This letter is in regard to the Request for Proposal to provide Snowplow Truck Components and Accessories RFP/SWIFT Event #G0210-2000011434, which closed on March 15, 2021.

The evaluation team has made its recommendation on the award of this Solicitation. I have reviewed the information submitted and concur with the recommendation to award to the responders below, which received the highest total points.

- Aspen Equipment, Co.
- Bert's truck Equipment.
- Crysteel Truck Equipment
- Iron Valley Equipment
- Kline Welding, Inc.
- Koenig & Sons Equipment, Inc.
- MacQueen Equipment, LLC
- MB Companies, Inc.
- MN Star Group
- Oil Air Products, LLC
- Stepp MFG CO, Inc.
- Team Eagle
- Towmaster
- TBEI (J-Craft)
- Twin Star Equipment
- Universal Truck Equipment
- Vaisla, Inc.
- Viking Cives Midwest, Inc.

Thank you for your participation in this project. All documents are now open to the public. If you wish to come in to our office to review the file, submit a written request to my attention at dustin.burns@state.mn.us.

Sincerely,



Dustin Burns
Acquisition Management Specialist

COOPERATIVE PURCHASING AGREEMENT

Under the Authority of Minnesota Statutes § 16C.03, Subdivision 10
and Minnesota Statutes § 471.59, Subdivision 1

This Joint Powers Agreement is between the State of Minnesota, through its commissioner of Administration, Office of State Procurement (“Division”) and

CITY AND COUNTY OF DENVER (“Authorized Entity”).

Pursuant to Minn. Stat. § 16C.03, subd. 10, the Division acquires various supplies, commodities, equipment, and services for state agencies and governmental units (as defined in Minn. Stat. § 471.59, subd. 1) through competitive bidding or requests for proposals. The Division, through Minn. Stat. § 16C.11, and the Authorized Entity wish to combine their purchasing functions, as specifically provided below, so that the Authorized Entity may avail itself of the prices which have been agreed upon by the Division and its vendors.

The parties agree as follows:

- 1. Term.** This joint powers agreement will be effective on the date State obtains all required signatures under Minn. Stat. § 16C.05, subd. 2, and remains in effect until canceled by either party upon 30 days’ written notice to the other party.
- 2. Services.** The Division will make its contracts for commodities and services, as listed on the State of Minnesota’s Contract Index, available to the Authorized Entity.
- 3. Use of Division Contracts.** To purchase commodities or services from the Division’s contracts, the Authorized Entity must issue a purchase order in accordance with the terms and conditions of the Division’s contracts and any requirements applicable to the Authorized Entity’s governing body. The Authorized Entity must send purchase orders directly to the applicable vendor and will make payments directly to the vendor in accordance with its established procedures and terms of the Division’s contract. The Authorized Entity will not use the goods available under the Division’s contracts for the purposes of resale. The Authorized Entity must be the end user of the goods purchased.
- 4. Liability.** The Authorized Entity agrees that neither the Division nor its employees personally assume responsibility or liability for any amounts due or claimed to be due pursuant to any purchase order entered issued by the Authorized Entity. The Authorized Entity will indemnify, save and hold harmless the Division and its employees from any loss, damage or expense, including payment of attorney fees allowable by law, which arise or may arise from the Authorized Entity’s use of this joint powers agreement and from any dispute or claim



DEPARTMENT OF ADMINISTRATION

STATE PROCUREMENT

arising from any transaction between the Authorized Entity and the Division's vendors, whether or not the loss, damage, dispute or claim arises during or after the period of this cooperative agreement. The Division's liability will be governed by the provisions of Minn. Stat. § 3.736.

CITY AND COUNTY OF DENVER

"Authorized Entity certifies that the appropriate person(s) have executed this cooperative agreement on behalf of the Authorized Entity as required by applicable articles, bylaws, resolutions or ordinances."

By: Lance Jay
(Authorized Signature)

Chief Procurement Officer City of Denver
(Title)

201 W Colfax Ave.
(Address)

Denver Co 80202
(City) (State) (Zip)

October 15th, 2021 LCJ
(Date)

STATE OF MINNESOTA

"By Delegation"

By: [Signature]
Office of State Procurement
10-22-21
(Date)

Permit Number/Access Code:
542261

OSP REC'D OCT22'21 AM9:48

NUMBER:

Contract Release S-863(5) G0210-20000011434

Following is a list of all distributors that are authorized to sell the equipment listed above

vendor Swift ID and Location Code (LOC CODE).

State as outline in the Swift Event Special Terms and Conditions, before any State Contract may be executed.

COMPANY NAME	SWIFT ID	LOC CODE	COMPANY ADDRESS	STATE/ZIP	PHONE	CONTACT NAME
M-B Companies, Inc.	255408	002	201 MB Lane, Chilton	Wisconsin /53014	920-898-1077	Stephen D. Mueller

Price quote for:	13.0 PRICE SCHEDULE AIRPORT AIRFIELD MAINTENANCE EQUIPMENT
	Exhibit D Price Schedule
Vendor Name:	M-B Companies, Inc.
Contact Person:	Doug Blada
Street Address:	201 MB Lane
P.O. Box:	
City, State, Zip:	Chilton, WI 53014
Phone #:	920-898-1005
Toll Free #:	1-800-558-5801
Fax #:	920-849-2629
Email Address:	doug.blada@aebi-schmidt.com

Item #	Information Requested	Answer
13.0	Airport Airfield Maintenance Equipment Make & Model	M-B Companies, MB5 Mid-Mount Broom and Plow, Multi-Tasking Snow Removal Vehicle
	Purpose and Intended Use (Area)	Airport Snow Removal
	Is Equipment Multi-functional?	Yes <input checked="" type="checkbox"/> or No <input type="checkbox"/>
	Is Equipment Multi-Seasonal?	Yes <input checked="" type="checkbox"/> or No <input type="checkbox"/>
	Additional Uses for Equipment (if any)	
	Does Equipment have an Engine(s)?	Yes <input checked="" type="checkbox"/> or No <input type="checkbox"/>
	Drive Engine Description	496 HP, electronic turbocharged diesel engine, T4F EPA / Stage 5 emission certified
	Auxiliary Engine Description	496 HP, electronic turbocharged diesel engine, T4F EPA / Stage 5 emission certified
	Does the Equipment have optional attachments?	Yes <input checked="" type="checkbox"/> or No <input type="checkbox"/>
	Is the Equipment an Attachment?	Yes <input type="checkbox"/> or No <input checked="" type="checkbox"/>
	Type of Drive Unit required for attachment	n/a
	Warranty Information	1 year
	List Volume Discounts	3+ units, 5% discount
	TOTAL PRICE:	\$ 765,832.00
Spec #	Description	Answer

Chassis Options:

13.1	Engine oil pan heater, pad type	\$	722.00
13.2	Engine block heater, immersion type	\$	499.00
13.3	Battery trickle charger, 1.5 amp	\$	578.00

13.4	Battery charger, 20 amp	\$	657.00
13.5	Battery heater, pad type	\$	1,066.00
13.6	Remote battery jump start lugs	\$	357.00
13.7	Remote air fill port	\$	215.00
13.8	Hydraulic oil tank heater, pad type	\$	606.00
13.9	Fuel tank heater, pad type	\$	722.00
13.10	Coolant filter	\$	217.00
13.11	Rear bumper chevron striping	\$	358.00
13.12	Eight inch reflective stripe	\$	854.00
13.13	Numbers and lettering on unit	\$	627.00
13.14	Rustproofing: under floor, fenders and battery box	\$	860.00
13.15	Rear mounted pintle hook	\$	237.00
13.16	Spare chassis tire and wheel	\$	2,496.00
	Chassis Cab Options:		
13.17	Air Conditioning	\$	3,762.00
13.18	Deluge System (Requires side door wipers)	\$	2,139.00
13.19	Side door window wipers	\$	858.00
13.20	Heated option for side door window wipers	\$	379.00
13.21	Heated option for windshield wipers	\$	555.00
13.22	Radio, AM/FM with weather band and CD player	\$	648.00
13.23	Rear view camera system, color (Includes rear facing LED flood lights)	\$	2,083.00
13.24	Golight Stryker remote spot light on cab, (1)	\$	862.00
13.25	HID lights on cab light bar, flood, (2)	\$	1,829.00
13.26	HID lights on cab light bar, trapezoid, (2)	\$	1,702.00
13.27	HID lights on cab light bar, spot, (2)	\$	1,715.00
13.28	LED lights on cab light bar, flood, (2)	\$	1,076.00
13.29	LED lights on cab light bar, trapezoid, (2)	\$	1,009.00
13.30	LED lights on cab light bar, spot, (2)	\$	1,017.00
13.31	Rear facing LED flood lights, (2)	\$	381.00
13.32	Amber snow plow lights on cab light bar, (2)	\$	525.00
13.33	Fire extinguisher, 2A:10BC, 5 lb. with mounting bracket	\$	267.00
13.34	Fire extinguisher, 10A:40BC, 10 lb. with mounting bracket	\$	325.00
	Reversible Plow Options:		
13.35	Flared moldboard blade in place of straight moldboard blade	\$	2,739.00
13.36	24 foot plow in place of 20 foot plow	\$	3,807.00
13.37	22 foot plow in place of 20 foot plow	\$	1,904.00
13.38	Plow trip moldboard	\$	2,198.00
13.39	Hands free hitch	\$	1,496.00
	Plow cutting edges		
13.40	Poly cutting edge in place of steel cutting edge, 20 foot	\$	1,681.00
13.41	Poly cutting edge in place of steel cutting edge, 22 foot	\$	1,792.00
13.42	Poly cutting edge in place of steel cutting edge, 24 foot	\$	1,903.00
13.43	Kueper cutting edge in place of steel cutting edge, 20 foot	\$	4,340.00
13.44	Kueper cutting edge in place of steel cutting edge, 22 foot	\$	4,714.00
13.45	Kueper cutting edge in place of steel cutting edge, 24 foot	\$	5,088.00
13.46	Carbide cutting edge in place of steel cutting edge, 20 foot	\$	2,066.00
13.47	Carbide cutting edge in place of steel cutting edge, 22 foot	\$	2,216.00
13.48	Carbide cutting edge in place of steel cutting edge, 24 foot	\$	2,366.00

13.49	Tungsten carbide inserted rubber (JOMA 6000) cutting edge in place of steel cutting edge, 20 foot	\$	4,856.00
13.50	Tungsten carbide inserted rubber (JOMA 6000) cutting edge in place of steel cutting edge, 22 foot	\$	5,281.00
13.51	Tungsten carbide inserted rubber (JOMA 6000) cutting edge in place of steel cutting edge, 24 foot	\$	5,707.00
Plow Spare Parts			
13.52	Caster tire and wheel	\$	970.00
13.53	Caster tire, wheel, hub, bearings, axle and nuts	\$	1,182.00
13.54	Caster tire and wheel, foam filled	\$	1,047.00
13.55	Caster tire, wheel, hub, bearings, axle and nuts, foam filled	\$	1,260.00
Broom Head Options:			
13.56	20 foot broom head in place of 18 foot	\$	4,426.00
13.57	22 foot broom head in place of 18 foot	\$	8,852.00
Broom Engine Options:			
13.58	Broom engine oil pan heater, pad type	\$	715.00
13.59	Broom engine block heater, immersion type	\$	494.00
13.60	Hydraulic oil tank heater, pad type	\$	600.00
13.61	Coolant filter	\$	425.00
13.62	Fuel tank heater, pad type	\$	722.00
Broom General Options:			
13.63	Broom speed tachometer	\$	770.00
13.64	Ground speed control (Must include automatic brush pattern adjustment and broom speed tachometer)	\$	566.00
13.65	Broom hydrostatic pressure gauge	\$	496.00
13.66	Auto stripper bar adjustment system (Required: automatic brush pattern adjustment)	\$	3,226.00
Broom Wafer Options:			
13.67	All steel 13# wire wafers in place of all poly on 18 foot broom	\$	722.00
13.68	All steel 13# wire wafers in place of all poly on 20 foot broom	\$	827.00
13.69	All steel 13# wire wafers in place of all poly on 22 foot broom	\$	880.00
13.70	8# poly. 13# wire, 50/50 wafers in place of all poly on 18 foot broom	\$	361.00
13.71	8# poly. 13# wire, 50/50 wafers in place of all poly on 20 foot broom	\$	417.00
13.72	8# poly. 13# wire, 50/50 wafers in place of all poly on 22 foot broom	\$	440.00
Broom Spare Parts			
13.73	Spare set 18 foot cores	\$	5,263.00
13.74	Spare set 20 foot cores	\$	5,616.00
13.75	Spare set 22 foot cores	\$	5,894.00
13.76	Set of four broom carts, non-adjustable	\$	1,134.00
13.77	End plate jack for use with core change (2)	\$	525.00
13.78	Spare caster tire and wheel, nitrogen filled	\$	665.00
13.79	Spare caster, tire, wheel, hub, bearings, axle and nuts, nitrogen filled	\$	881.00
13.80	Spare caster tire and wheel, foam filled	\$	508.00
13.81	Spare caster, tire, wheel, hub, bearings, axle and nuts, foam filled	\$	709.00
13.82	46" x 19.5" Poly Wafer, 8 lbs. 101-137212	\$	14.35
13.83	46" x 19.5" 13# Wire Wafer, 13lbs. 101-92109	\$	23.10
13.84	19.5" Spacer Ring. 402-93914	\$	1.47

	MB5 add on Options:	
13.85	1250 gallon liquid deicer with 22 foot boomless spray bar	\$ 81,200.00
13.86	5 cubic yard dry material spreader with 200 gallon pre-wet system	\$ 91,900.00
	Cost per loaded mile for delivery of Airport/Airfield Equipment	\$ 15.49
	Starting Point: Chilton, WI 53014	
	Body Shop Rate	n/a
	Mechanic Shop Rate	\$150.00/hour

