



STAFF REPORT

DATE: 4/4/2023

Regular

TO: City Council

FROM: Marty Powers, Public Works Director

AGENDA ITEM: 2022 Tandem Plow Truck Change Order

REVIEWED BY: Kristina Handt, City Administrator

BACKGROUND: The City of Lake Elmo Council approved the replacement of the 2006 Sterling single axle plow truck with the purchase of a Tandem Mack plow truck at the January 18th, 2022 council meeting. The order was placed with Nuss Truck & Equipment the following day using the state contract pricing. Later that year, our Mack sales representative resigned from Nuss with no notice to us. After his resignation, Mack canceled a large number of heavy and medium duty truck orders due to supply chain issues. This cancellation was not relayed to us until I reached out for a delivery update March 15th, 2023.

The 2022 state contract prices have expired for both Mack and Towmaster. The current 2023 state contract prices for Mack have increased and include surcharges. Towmaster is the outfitter who adds the controls, boxes, spreader and plows on the chassis. Their current 2023 state contract price has increased significantly. If the number of allotted truck chassis are again cut later in the year, our next option would be to purchase a 2024 chassis under new state contract pricing with potential price increases again. The new 2023 or 2024 Mack Tandem plow truck chassis and plowing equipment will exceed the councils approved 2022 budget of \$291,000.

ISSUE BEFORE COUNCIL: Should Council approve purchase of a Tandem Plow Truck at an increased cost?

PROPOSAL DETAILS/ANALYSIS: Approving the change to the 2022 Tandem plow truck order and proceeding with this purchase will benefit the city and its citizens by replacing 2006 Sterling plow truck that has already exceeded the recommended 12 year replacement policy.

FISCAL IMPACT: The Purchase of this vehicle, tax, license, registration, and logos shall not exceed \$360,000. Note \$291,000 was approved in January 2022, the cost of a 2023 build will be \$340,457. If the 2023 Mack Chassis order gets cut prior to being built, we will need to reorder a 2024 Mack truck chassis under a new 2024 state contract price. Increases on a 2024 chassis are expected to be around 10-12%. Towmasters current contract includes 2024 builds. The total cost for a 2024 build is expected to be around \$355,889. The sale of the 2006 Sterling is expected to bring in around \$25,000 when retired. This purchase will be funded through the vehicle replacement fund as proposed.

OPTIONS: Approve purchase of the Mack Tandem plow truck
Do not approve purchase
Direct staff to further research need for purchase

ATTACHMENTS:

2023 Nuss Mack State Contract Price

2023 Towmaster State Contract Price

NUSS TRUCK & EQUIPMENT

2195 WEST COUNTY ROAD C2
ROSEVILLE, MN 55113
Phone: 651-633-4810 Fax: 651-635-0928

Quotation

DATE 3/20/2023
Quotation # 20211410
Customer ID Lake Elmo
State Contract # T647

Name
City of Lake Elmo
3800 Laverne Ave North
Lake Elmo MN 55042
Phone 651-747-3941 Marty Powers MPowers@lakeelmo.org

Prepared by: Dan Chipman

Purchase Order#

QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
1	2024 Mack Granite 64FR (T) TA	\$ 145,608.00	\$ 145,608.00
			\$ -
			\$ -
			\$ -
			\$ -
	Price Quoted is with sales tax or license fees		\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
	Sales Tax	6.5%	\$ 8,614.00
	Reg Fees	\$100	\$100
			\$ -
Accepted by: _____ DATE _____		SUBTOTAL	\$ 154,322.00
Body Builder _____ Build Date _____			
		TOTAL	\$ 154,322.00

THANK YOU FOR YOUR OPPORTUNITY!

VENDOR INSTRUCTIONS

- > Create a new file for each year, make, and model you are offering based on the following format - Contract Vendor, Year, Make, Model, Single/Tandem Axle (Example: **I-State Truck Center 2018 108SD TA**).
- > Type information requested in yellow/shaded cells only. Please keep descriptions to less than 250 characters per cell.
- > Using the tab key will bring you to the next cell where information can be recorded.
- > Do not attempt to change pre-typed cells.
- > On pricing pages, make sure spec number (3.1, 3.2, 3.3.) is recorded in the proper sequence when you are filling in those lines with information. To insert additional lines, go to the "Insert" tab at the top menu and choose "Row."
- > On pricing pages, the price should represent the industry standard unit of measure for that item or option. If clarification of the unit of measure is needed, do so within the text cell where the description is recorded.
- > The State will publish all applicable information for communication to State agencies and CPV members. **BE SURE ALL DOCUMENTS ARE READY FOR PUBLISH - NO SHADING, DARK COLORS OR POOR REPRODUCTIONS.**
- > **For items that are no charge put in .00 for a cost.**

SUBMIT PRICES USING THE PRICE SCHEDULE PROVIDED WITH THE SOLICITATION

DO NOT SUBMIT PDF FILES

Price quote for: **TANDEM AXLE CAB/CHASSIS**

Vendor Name: **NUSS TRUCK & EQUIPMENT**
 Contact Person: **BOB PROW**
 Street Address: **2195 WEST COUNTY ROAD C2**
 P.O. Box:
 City, State, Zip: **ROSEVILLE, MN 55113**
 Phone #: **651-633-4810**
 Toll Free #: **800-704-0935**
 Fax #: **651-635-0928**
 Email Address: bprow@nussgep.com

Version of Excel used:

2010

Spec #	Information Requested	Answer
1.0	Make & Model	2019 MACK AT GRANITE 64FR (T) TA
	C.A. & W.B. dimension	210" WB, 123" CA
	Front Axle Location (Set Forward, Set Back)	SET FORWARD
	Frame, Steel PSI	120,000 PSI
	Frame, Section Modulus	17.7 SM
	Frame, Resistance to Bending Moment	2,120,000 RBM
	Frame overhang length	62" AF
	Type of fasteners used on frame members	HUCK
	Front bumper description	Swept Back Steel
	Front Axle Type & Size	Mack FXL12, 12,000 lbs.
	Front Spring length	55"
	Front brake size	16.5" x 5" Bendix ES165-05D
	Front Brake chamber size	24"
	U Joint Make, Model & Type (1/2 round, etc.)	Meritor 17 MXL Extended Life
	Rear Axle Type & Size	Mack SS38, 38,000 lbs.
	Rear brake size	16.5" x 7" Bendix ES165-07D
	Rear brake chamber size	30/30

Spec #	Information Requested	Answer
	Parking Brake Type & Model #	Haldex/Anchorlok
	Front Tire Make & Size	11R22.5 14 Ply Bridgestone R283A
	Front Rim Size & Rating	22.5 x 8.25 7,800 lbs
	Rear tire make & size	11R22.5 14 PLY Bridgestone M726EL
	Rear rim size & rating	22.5 X 8.25 7,800 LBS
	Air compressor type & size	Meritor/Wabco 18.7 CFM
	Air dryer info	Meritor 1200
	Engine type, HP & torque	Mack MP7-325M - 325HP @ 1400 - 1900 RPM 1260/LB/FT Max Torque
	Type of engine fan drive	Behr Fan And Electronic Modulating Fan Drive
	Exhaust description	Cleartech one DPF/SCR right hand under cab
	Starter motor Make & Model	Delco 39MT-MXT
	Right side steering assist (Auxiliary gear, hydraulic ram or none)	None
	Transmission Make & Model, # of Speeds	Mack TM310 10 Speed
	Clutch size and # of plates	15.5" Two Plate
	Battery CCA, # of batteries, CCA of each battery	Three Mack 650/1950 CCA
	Fuel tank size, shape and material	66 Gallon Alum Sleeved D-Shaped
	Alternator Type & Size	Delco 12V 130A (24SI Brush Type)
	Radiator Sq in & Material	Aluminum Core
	Type and number of horns	One Mack Rectangle Air
	Cab ride (type of mounting)	Air Ride Cab
	Cab size door to door, floor to ceiling	78", 62"
	Distance of cab floor from ground	47"
	Description of seats supplied with base cab & chassis	Bostrum Talladaga 915 Mid-Back Air Driver Seat, Fixed Mack Mid-Back Passenger Seat
	Windshield washer nozzle location	Mounted on Wiper Arm

Spec #	Information Requested	Answer
	Interior package (Low, Med or Premium)	Purebred - Low
	Does unit include cruise control	Yes
	How is dome light activated	Door & Cab Switch
	Steering wheel adjustment (tilt, telescoping, etc)	Tilt & Telescoping
	Cab grab handle locations	RH & LH Behind Door
	Storage pocket description	Two Storage Compartment & Net Retainers with Center Mounting for CB Provisions
	Cab Gauges, List	Air Pressure, Voltmeter, Engine Coolant Temperature, Engine Oil Pressure, Speedometer, and Tachometer, Exhaust Pyrometer, and Transmission Oil Temperature
	Dimmer switch location	Turn Signal
	Paint description	Mach White
	Cab & chassis warranty (time & mileage)	One Year or 100,000 Miles
	Engine warranty (time & mileage)	Two Years or 250,000 miles
	Transmission warranty (time & mileage)	Mack - Five Years or 500,000 Miles
	Rear end warranty (time & mileage)	Mack - Five Years or 500,000 Miles
	Delivery of chassis starting point	Roseville, MN 55113
	Estimated weight on front axle for base unit	8,421
	Estimated weight on Rear axle for base unit	8,077

Print Date & Time 3/30/2023 10:36

Tandem Axle Cab & Chassis

VENDOR NAME NUSS TRUCK & EQUIPMENT

YEAR, MAKE AND MODEL 2024 MACK AF GRANITE 64FR (T) TA

This section for use when ordering

WB	212"	Grand Total \$ 145,608.80
CA	125"	
AF	63"	
Rear Ratio	4.19	
Cab Color w/wheel	Green L5952	
Color	White	
Note	City of Lake Elmo, updated 3-14-23	

Spec #	Description	Qty	Price	Subtotal
1.0	Price for Base Unit:	1	\$ 92,625.00	\$ 92,625.00

2.0 FRAME OPTIONS

2.1	Front frame extension	1	\$ 886.00	\$ 886.00
2.2	Custom hole punching in frame		\$ 100.00	\$ -
2.3	Deduct for no front bumper		\$ (60.00)	
2.4	Frame fastener option (bolt or huck spun)	1	STD	
2.5	Frame, R.B.M., S.M., PSI, CT			
2.6	2,120,000 17.7 120,000 87 - 112 CA		\$ (64.00)	\$ -
2.7	2,120,000 17.7 120,000 113 - 133 CA		STD	
2.8	2,120,000 17.7 120,000 134 - 152 CA		\$ 107.00	\$ -
2.9	2,120,000 17.7 120,000 153 - 199 CA		\$ 406.00	\$ -
2.10	2,120,000 17.7 120,000 200 - 236 CA		\$ 482.00	\$ -
2.11	2,470,000 20.6 120,000 87 - 112 CA		\$ 176.00	\$ -
2.12	2,470,000 20.6 120,000 113 - 133 CA		\$ 240.00	\$ -
2.13	2,470,000 20.6 120,000 134 - 152 CA		\$ 347.00	\$ -
2.14	2,470,000 20.6 120,000 153 - 199 CA		\$ 646.00	\$ -
2.15	2,470,000 20.6 120,000 200 - 236 CA		\$ 722.00	\$ -
2.16	2,820,000 23.5 120,000 87 - 112 CA		\$ 521.00	\$ -
2.17	2,820,000 23.5 120,000 113 - 133 CA	1	\$ 585.00	\$ 585.00
2.18	2,820,000 23.5 120,000 134 - 152 CA		\$ 692.00	\$ -
2.19	2,820,000 23.5 120,000 153 - 199 CA		\$ 991.00	\$ -
2.20	2,820,000 23.5 120,000 200 - 236 CA		\$ 1,067.00	\$ -
2.21	3,160,000 26.3 120,000 87 - 112 CA		\$ 744.00	\$ -
2.22	3,160,000 26.3 120,000 113 - 133 CA		\$ 808.00	\$ -
2.23	3,160,000 26.3 120,000 134 - 152 CA		\$ 915.00	\$ -
2.24	3,160,000 26.3 120,000 153 - 199 CA		\$ 1,214.00	\$ -
2.25	3,160,000 26.3 120,000 200 - 236 CA		\$ 1,290.00	\$ -
2.26	DOUBLE FRAME - PARTIAL IC REINFORCEMENT			
2.27	3,230,000 26.9 120,000 87 - 112 CA		\$ 801.00	\$ -
2.28	3,230,000 26.9 120,000 113 - 133 CA		\$ 865.00	\$ -
2.29	3,230,000 26.9 120,000 134 - 152 CA		\$ 972.00	\$ -
2.30	3,230,000 26.9 120,000 153 - 199 CA		\$ 1,214.00	\$ -
2.31	3,230,000 26.9 120,000 200 - 236 CA		\$ 1,290.00	\$ -
2.32	3,580,000 29.8 120,000 87 - 112 CA		\$ 1,041.00	\$ -
2.33	3,580,000 29.8 120,000 113 - 133 CA		\$ 1,105.00	\$ -
2.34	3,580,000 29.8 120,000 134 - 152 CA		\$ 1,212.00	\$ -
2.35	3,580,000 29.8 120,000 153 - 199 CA		\$ 1,511.00	\$ -
2.36	3,580,000 29.8 120,000 200 - 236 CA	ELS	\$ 1,587.00	\$ -

VENDOR INSTRUCTIONS

Spec #	Description				Qty	Price	Subtotal
2.37	3,920,000	32.7	120,000	87 - 112 CA		\$ 1,376.00	\$ -
2.38	3,920,000	32.7	120,000	113 - 133 CA		\$ 1,450.00	\$ -
2.39	3,920,000	32.7	120,000	134 - 152 CA		\$ 1,657.00	\$ -
2.40	3,920,000	32.7	120,000	153 - 199 CA		\$ 1,856.00	\$ -
2.41	3,920,000	32.7	120,000	200 - 236 CA		\$ 1,932.00	\$ -
2.42	4,260,000	35.5	120,000	87 - 112 CA		\$ 1,832.00	\$ -
2.43	4,260,000	35.5	120,000	113 - 133 CA		\$ 1,673.00	\$ -
2.44	4,260,000	35.5	120,000	134 - 152 CA		\$ 2,003.00	\$ -
2.45	4,260,000	35.5	120,000	154 - 199 CA		\$ 2,301.00	\$ -
2.46	4,260,000	35.5	120,000	200 - 236 CA		\$ 2,384.00	\$ -
2.47	DOUBLE FRAME - FULL IC REINFORCEMENT						
2.48	3,230,000	26.9	120,000	87 - 112 CA		\$ 1,001.00	\$ -
2.49	3,230,000	26.9	120,000	113 - 133 CA		\$ 1,065.00	\$ -
2.50	3,230,000	26.9	120,000	134 - 152 CA		\$ 1,172.00	\$ -
2.51	3,230,000	26.9	120,000	153 - 199 CA		\$ 1,414.00	\$ -
2.52	3,230,000	26.9	120,000	200 - 236 CA		\$ 1,490.00	\$ -
2.53	3,580,000	29.8	120,000	87 - 112 CA		\$ 1,241.00	\$ -
2.54	3,580,000	29.8	120,000	113 - 133 CA		\$ 1,305.00	\$ -
2.55	3,580,000	29.8	120,000	134 - 152 CA		\$ 1,412.00	\$ -
2.56	3,580,000	29.8	120,000	153 - 199 CA		\$ 1,711.00	\$ -
2.57	3,580,000	29.8	120,000	200 - 236 CA		\$ 1,787.00	\$ -
2.58	3,580,000	29.8	120,000	87 - 112 CA		\$ 1,576.00	\$ -
2.59	3,580,000	29.8	120,000	113 - 133 CA		\$ 1,650.00	\$ -
2.60	3,580,000	29.8	120,000	134 - 152 CA		\$ 1,857.00	\$ -
2.61	3,580,000	29.8	120,000	153 - 199 CA		\$ 2,056.00	\$ -
2.62	3,580,000	29.8	120,000	200 - 236 CA		\$ 1,787.00	\$ -
2.63	3,920,000	32.7	120,000	87 - 112 CA		\$ 1,576.00	\$ -
2.64	3,920,000	32.7	120,000	113 - 133 CA		\$ 1,650.00	\$ -
2.65	3,920,000	32.7	120,000	134 - 152 CA		\$ 1,857.00	\$ -
2.66	3,920,000	32.7	120,000	153 - 199 CA		\$ 2,056.00	\$ -
2.67	3,920,000	32.7	120,000	200 - 236 CA		\$ 2,132.00	\$ -
2.68	4,260,000	35.5	120,000	87 - 112 CA		\$ 2,032.00	\$ -
2.69	4,260,000	35.5	120,000	113 - 133 CA		\$ 1,873.00	\$ -
2.70	4,260,000	35.5	120,000	134 - 152 CA		\$ 2,203.00	\$ -
2.71	4,260,000	35.5	120,000	153 - 199 CA		\$ 2,501.00	\$ -
2.72	4,260,000	35.5	120,000	200 - 236 CA		\$ 2,584.00	\$ -
2.73	TRIPLE FRAME - FULL IC REINFORCEMENT						
2.74	5,688,000	47.4	120,000	87 - 112 CA		\$ 4,960.00	\$ -
2.75	5,688,000	47.4	120,000	113 - 133 CA		\$ 5,024.00	\$ -
2.76	5,688,000	47.4	120,000	134 - 152 CA		\$ 5,131.00	\$ -
2.77	5,688,000	47.4	120,000	153 - 199 CA		\$ 5,430.00	\$ -
2.78	5,688,000	47.4	120,000	200 - 236 CA		\$ 5,506.00	\$ -
2.79	Flush bright finish channel steel					\$ 113.00	\$ -
2.80	Extended stylized-silver-bright finish steel w/stone guard					\$ 1,495.00	\$ -
2.81	Extended - swept back steel, bright finish with stone guard - includes center tow pin					\$ 1,139.00	\$ -
2.82	Mill finish, flush mounted, unpainted aluminum					\$ 68.00	\$ -
2.83	Extended swept back channel steel (includes center tow pin) w/stone guard					\$ 805.00	\$ -
2.84	Extended swept back channel steel with bright finish w/painted center tow pin					\$ 620.00	\$ -
2.85	Extended swept back steel channel w/bright finish					\$ 258.00	\$ -
2.86	Extended swept back painted steel				1	STD	
2.87	Flush painted steel				ELS	\$ (15.00)	\$ -

Spec #	Description	Qty	Price	Subtotal
2.88	Flush stainless clad aluminum		\$ 143.00	\$ -
2.89	Plate type radiator guard		\$ 105.00	\$ -
2.90	Bright finish plate type radiator guard		\$ 258.00	\$ -
2.91	Tectyl 185 GW pigmented compound between frame rails		\$ 110.00	\$ -
2.92	BOC crossmember, steel HD back to back channel intermediate		\$ 66.00	\$ -
2.93	BOC & intermediate crossmember, HD I-Beam		\$ 332.00	\$ -
2.94	Frame rail clearance		\$ 62.00	\$ -

3.0 FRONT AXLE/SUSPENSION/BRAKE/OPTION

3.1	Set forward front axle option	1	STD	
3.2	12,000 front axle & matching suspension - Mack FXL12		STD	
3.3	14,600 front axle & matching suspension - Mack FXL14.6		\$ 771.00	\$ -
3.4	16,000 front axle and matching suspension			\$ -
3.5	18,000 front axle and matching suspension - Mack FXL18		\$ 1,361.00	\$ -
3.6	20,000 front axle and matching suspension - Mack FXL20	1	\$ 2,147.00	\$ 2,147.00
3.7	23,000 front axle and matching suspension - Mack FXL23		\$ 2,448.00	\$ -
3.8	Heavy duty front axle shocks	1	STD	
3.9	Front stabilizer bar			\$ -
3.10	Right hand air bag suspension per Spec 3.6, Driver controlled			\$ -
3.11	Left air bag suspension per Spec 3.6, Driver controlled			\$ -
3.12	Front axle lubrication cap with slotted venthole			
3.13	Front brake dust shields	1	\$ 18.00	\$ 18.00
3.14	Dual front auxiliary steering gear		\$ 569.00	\$ -
3.15	RH spring build up for wing plow application		\$ 30.00	\$ -
3.16	LH spring build up for wing plow application		\$ 30.00	\$ -
3.17	All wheel drive front axle		\$ 43,000.00	\$ -
3.18	Twin Steer Front Axle		\$ 12,612.00	\$ -
3.19	Aluminum front hubs		\$ 53.00	\$ -
3.20	Centerfuse outboard mounted brake drums		\$ 217.00	\$ -
3.21	Multileaf front spring ILO taperleaf (2 leaf spring)		\$ 35.00	\$ -
3.22	HD multileaf front spring ILO taperleaf (2 leaf spring)		\$ 65.00	\$ -
3.23	HD taperleaf (3 leaf spring) ILO of taperleaf (2 leaf spring)		\$ 65.00	\$ -
3.24	Meritor EX+ Air Disc Brakes requires Meritor rear brakes		\$ 653.00	\$ -
3.25	Meritor front slack adjustors - Need same slack on rear axle		\$ 1.00	\$ -
3.26	Meritor front slack with stainless steel pins		\$ 58.00	\$ -
3.27	Haldex front slack adjustors - Need same slack adjustor on rear axle		STD	
3.28	Haldex front slack with stainless steel pins	1	\$ 57.00	\$ 57.00
3.29	Meritor front brakes ILO of Bendix - requires Meritor rear brakes	1	\$ 131.00	\$ 131.00
3.30	Power steering reservoir with visible sight glass		\$ 30.00	\$ -

4.0 TANDEM REAR AXLE/SUSPENSION/BRAKE/OPTIONS

4.1	46,000# rear axle & matching suspension Make & Model - Mack SS462 Mack Camelback Suspension		\$ 2,240.00	\$ -
4.2	40,000# walking beam rear suspension and axle Make & Model - Meritor MT-40-14X4D with Hendrickson HMX400		\$ 1,558.00	\$ -
4.3	46,000# walking beam rear suspension and axle Make & Model Meritor RT-46-160 with Hendrickson HMX460		\$ 3,362.00	\$ -
4.4	40,000# air suspension and axle Make & Model Meritor MT-40-14X4D with Mack AL461 46,000 lbs. air suspension		\$ 1,578.00	\$ -
4.5	46,000# air suspension and axle Make & Model Meritor RT-46-160 with Mack AL461 46,000 lbs. air suspension		\$ 2,976.00	\$ -
4.6	Dash mounted air dump system - With air ride suspension		STD	

VENDOR INSTRUCTIONS

Spec #	Description	Qty	Price	Subtotal
4.7	Driver activated differential lock on one rear axle (front axle rear axle, check one)		\$ 484.00	\$ -
4.8	Driver activated differential lock on both front and rear axles	1	\$ 968.00	\$ 968.00
4.9	Driver activated differential lock on both front and rear axles, and lubrication pump and filter system		\$ 1,210.00	\$ -
4.10	Meritor MT-40-14X4DP, both axles driver differential lock and pump, HMX400 40,000 # walking beam suspension		\$ 2,768.00	\$ -
4.11	Meritor RT-46-160P, both axles driver differential lock and pump, HMX460 46,000 # walking beam suspension		\$ 4,572.00	\$ -
4.12	½ round universal joints		STD	
4.13	Spicer 1810 HD drive line with half round universal joints		\$ 126.00	\$ -
4.14	Rear Dust Shields	1	\$ 34.00	\$ 34.00
4.15	Driver activated differential lock on both front and rear axles with individual switches		\$ 1,102.00	\$ -
4.16	Meritor 18 MXL extended lube	1	\$ 31.00	\$ 31.00
4.17	Meritor 176 MXL extended lube		\$ 32.00	\$ -
4.18	Dana-spicer SPL170XL extended lube series		\$ 453.00	\$ -
4.19	Dana-spicer SPL250XL extended lube series		\$ 493.00	\$ -
4.20	Dana-spicer SPL250HDXL extended lube series		\$ 502.00	\$ -
4.21	Dana-spicer SPL350HDXL extended lube series		\$ 776.00	\$ -
4.22	Mack S38R fabricated steel housing		STD	
4.23	Mack SB38 fabricated steel housing -40,000 # recertification		\$ 450.00	\$ -
4.24	Mack S40 40,000 # rear axle		\$ 450.00	\$ -
4.25	Mack S402 40,000 # cast iron housing		\$ 450.00	\$ -
4.26	Mack S440 44,000# fabricated steel housing		\$ 1,350.00	\$ -
4.27	Mack S440-46 fabricated steel housing - recertification		\$ 1,350.00	\$ -
4.28	Mack S462 46,000# cast ductile iron housing		\$ 1,800.00	\$ -
4.29	Mack S462R 46,000# cast ductile iron housing	1	\$ 1,800.00	\$ 1,800.00
4.30	Meritor 40,000# MT-40-14X4C Amboid (High Entry)		\$ 765.00	\$ -
4.31	Meritor 40,000# MT-40-14X4C Hypoid (Low Entry)		\$ 765.00	\$ -
4.32	Meritor 46,000# RT-46-160		\$ 2,163.00	\$ -
4.33	Meritor 46,000# Rt-46-164EH		\$ 2,163.00	\$ -
4.34	Spicer 46,000# DS405		\$ 2,628.00	\$ -
4.35	Spicer 46,000# D46-170H		\$ 4,305.00	\$ -
4.36	Mack SS38 Mack multileaf camelback spring without anti-sway springs		\$ (80.00)	\$ -
4.37	Mack SS38 multileaf camelback spring with anti-sway springs		STD	
4.38	Mack SSB 38 multileaf camelback spring (boost-a-load)		\$ (40.00)	\$ -
4.39	Mack SSB 38 multileaf camelback spring 40,000# recertification		\$ 273.00	\$ -
4.40	Mack SS40 44,000# multileaf camelback suspension without anti sway		\$ 226.00	\$ -
4.41	Mack SS40 44,000# multileaf camelback suspension with anti sway		\$ 330.00	\$ -
4.42	Mack SS40 44,000# multileaf camelback suspension 46,000# - recertification		\$ 228.00	\$ -
4.43	Mack SS462 44,000# multileaf camelback suspension without anti sway		\$ 336.00	\$ -
4.44	Mack SS462 44,000# multileaf camelback suspension with anti sway		\$ 440.00	\$ -
4.45	Mack AL-461 46,000# air ride		\$ 813.00	\$ -
4.46	Mack M-Ride 40 parabolic 2-leaf, 40,000# normal stiffness	ELS	\$ 959.00	\$ -

VENDOR INSTRUCTIONS

Spec #	Description	Qty	Price	Subtotal
4.47	Mack M-Ride 40 parabolic 3-leaf, 40,000# stiffer than normal		\$ 959.00	\$ -
4.48	Mack M-Ride 46 parabolic 3-leaf 46,000#	1	\$ 1,289.00	\$ 1,289.00
4.49	HMX 400 Hendrickson Haulmax rubber suspension 40,000#		\$ 803.00	\$ -
4.50	HMX 460 Hendrickson Haulmax rubber suspension 46,000#		\$ 1,199.00	\$ -
4.51	Chambers 46,000# L high stability W#29 can		\$ 3,798.00	\$ -
4.52	PAX 460 High Stability Hendrickson Primaxx Air Suspension		\$ 1,319.00	\$ -
4.53	PAX 462 High Stability Hendrickson Primaxx Air Suspension		\$ 1,319.00	\$ -
4.54	Neway AD-246 air ride suspension		\$ 1,825.00	\$ -
4.55	Neway AD-252 air ride suspension		\$ 2,287.00	\$ -
4.56	Delete power divider lockout		\$ (153.00)	\$ -
4.57	Urethane bushing on Mack camelback suspension		\$ (58.00)	\$ -
4.58	55" axle spacing		\$ 122.00	\$ -
4.59	60" axle spacing		\$ 317.00	\$ -
4.60	Dual leveling valve air suspension height control		\$ 149.00	\$ -
4.61	Mack CRDP1501/1511 with interwheel power divider - both axles		\$ 2,735.00	\$ -
4.62	Outboard centrifuse rear brake drums		\$ 206.00	\$ -
4.63	Haldex automatic rear slack adjustor		STD	
4.64	Haldex automatic rear slack adjustor with stainless steel pins	1	\$ 96.00	\$ 96.00
4.65	Meritor automatic rear slack adjustor		\$ 1.00	\$ -
4.66	Meritor automatic rear slack adjustor with stainless steel pins		\$ 231.00	\$ -
4.67	Haldex S-ABA slack adjustors		\$ 50.00	\$ -
4.68	30/36 rear brake chamber		\$ 156.00	\$ -
4.69	Comet aluminum hubs w/preset bearings & seals		\$ 385.00	\$ -
4.70	Aluminum preset rear hubs with integrated spindle nut		\$ 37.00	\$ -
4.71	Chicago Rawhide (Scotseal Longlife) oil seal		\$ 59.00	\$ -
4.72	National/Federal Mogul		\$ 23.00	\$ -
4.73	Stemco-Grit Guard oil seals		\$ 63.00	\$ -
4.74	Stemco - Guardian oil seal		\$ 31.00	\$ -
4.75	Stemco (Voyager) oil seals		\$ (5.00)	\$ -
4.76	Scotseal longlife rear oil seals		\$ 59.00	\$ -
4.77	Air Disc Brake (17") H-Type - Require Air Disc Front Brakes & M-Ride 3 leaf suspension		\$ 2,430.00	\$ -
4.78	Bendix ES165-08D, 16.5" x 8 5/8" Cast Spider - Require M-Ride suspension. N/A with dust shields		\$ 272.00	\$ -
4.79	Meritor rear brakes - 16.5" 7" Q+	1	\$ 115.00	\$ 115.00
4.80	Meritor rear brakes - 16.5" x 8 5/8" Q+ - N/A with dust shields		\$ 291.00	\$ -
4.81	Meritor rear brakes - 16.5" x 8" Q+ - N/A with dust shields		\$ 213.00	\$ -
4.82	13,500 lbs. Hendrickson steerable composite HLUC-2 pusher axle - includes tires and rims		\$ 9,791.00	\$ -
4.83	10,000 lbs. Hendrickson steerable composite HLUC-2 pusher axle - includes tires and rims		\$ 9,791.00	\$ -
4.84	20,000 lbs. Watson-Chalin steerable SL-2089 Thu Track Series pusher axle - includes tire and rims		\$ 12,381.00	\$ -
4.85	13,200 lbs. Watson-Chalin steerable SL-1187 Thu Track Series pusher axle - includes tire and rims		\$ 10,173.00	\$ -
4.86	20,000 lbs. Watson-Chalin non-steerable AL-2200 Atlas Series pusher axle - includes tire and rims		\$ 9,198.00	\$ -
4.87	20,000 lbs. Hendrickson non - steerable composite HLM pusher axle - includes tires and rims		\$ 9,091.00	\$ -

AMENDMENT #1 FOR 2019 MODELS TA

VENDOR INSTRUCTIONS

Spec #	Description	Qty	Price	Subtotal
4.88	13,200 lbs. Hendrickson steerable HLUS2Z pusher axle - includes tires and rims		\$ 9,791.00	\$ -
4.89	20,000 lbs. Hendrickson Paralift HLP20 steerable pusher axle - includes tires and rims		\$ 11,192.00	\$ -
4.90	13,500 lbs. Hendrickson steerable composite HLUC-2 tag axle - includes tires and rims		\$ 9,791.00	\$ -
4.91	10,000 lbs. Hendrickson steerable composite HLUC-2 tag axle - includes tires and rims		\$ 9,791.00	\$ -
4.92	20,000 lbs. Watson-Chalin steerable SL-2089 Thu Track Series tag axle - includes tire and rims		\$ 12,381.00	\$ -
4.93	13,200 lbs. Watson-Chalin steerable SL-1187 Thu Track Series tag axle - includes tire and rims		\$ 10,173.00	\$ -
4.94	20,000 lbs. Watson-Chalin non-steerable AL-2200 Atlas Series tag axle - includes tire and rims		\$ 9,198.00	\$ -
4.95	20,000 lbs. Hendrickson non - steerable composite HLM tag axle - includes tires and rims		\$ 9,091.00	\$ -
4.96	13,200 lbs. Hendrickson steerable HLUS2Z tag axle - includes tires and rims		\$ 9,791.00	\$ -
4.97	20,000 lbs. Hendrickson Paralift HLP20 steerable tag axle - includes tires and rims		\$ 11,192.00	\$ -
4.98	6S/6M systems sensing both rear axle wheel end sensors		\$ 440.00	\$ -
4.99	Furnish Meritor wide track axle option - Need for Super Singles		\$ 1,032.00	\$ -

5.0 Fifth Wheel options

5.1	Frame end tapered and open			\$ -
5.2	Frame end tapered and closed		\$ 30.00	\$ -
5.3	Fixed fifth wheel - Holland FW-35		\$ 684.00	\$ -
5.4	Mechanical slide fifth wheel - Holland FW35 Travel - 24" slide		\$ 562.00	\$ -
5.5	Air operated slide fifth wheel - Holland FW35 Travel 24" slide		\$ 986.00	\$ -
5.6	Stainless 1/4 fenders, mounted front of tandems		\$ 109.00	\$ -
5.7	Plastic 1/4 fenders, mounted front of tandems		\$ 110.00	\$ -
5.8	Tractor package hookup		\$ 297.00	\$ -
5.9	Behind cab deck plate		\$ 681.00	\$ -
5.10	Holland fixed with non-tilt 5th wheel		\$ 1,385.00	\$ -
5.11	Holland manual slide 5th wheel		\$ 537.00	\$ -
5.12	Mack mud flaps with brackets		\$ 98.00	\$ -
5.13	Betts B60 stainless steel angled mud flap brackets		\$ 161.00	\$ -
5.14	Hose tender & towel bar assembly		\$ 48.00	\$ -
5.15	Coiled trailer air hose		\$ 28.00	\$ -
5.16	Coiled trailer electrical hose		\$ 44.00	\$ -
5.17	Air Weight AW5800 onboard scales		\$ 963.00	\$ -
5.18	Medium height 5th wheel ramp guide		\$ 192.00	\$ -
5.19	Trailer hook up light		\$ 37.00	\$ -

6.0 TIRES/RIMS OPTIONS:

6.1	Nylon wafers or wheel guards on all wheels (10 ea.)	1	\$ 44.00	\$ 44.00
6.2	Heavier 7500 lb. 22.5 x 8.25 Steel rims in lieu of standard 7300# rims (10 ea.)		STD	
6.3	Heavier 7500 lb. 22.5 x 8.25 Steel rims in lieu of standard 7300# rims (8 ea.) in rear only		\$ 16.00	\$ -
6.4	11R 22.5 H front tires	ELS	\$ 39.00	\$ -

VENDOR INSTRUCTIONS

Spec #	Description	Qty	Price	Subtotal
6.5	12R 22.5 H front tires		\$ 198.00	\$ -
6.6	9000 lb. 22.5 9" front steel rims, 315/80R 22.5 J front tires		\$ 187.00	\$ -
6.7	10,000 lb. 22.5 9" front steel rims, 315/80R 22.5 J front tires	1	\$ 407.00	\$ 407.00
6.8	10,500 lb. 22.5 x 12.25 front steel rims, 385/65R 22.5 J front tires		\$ 609.00	\$ -
6.9	10,500 lb. 22.5 x 12.25 front steel rims, 425/65R 22.5 J front tires		\$ 669.00	\$ -
6.10	11R 22.5 H rear tires		\$ 656.00	\$ -
6.11	7,300 lb. 24.5" x 8.25" steel front rims		\$ 5.00	\$ -
6.12	7300 lb. 24.5" x 8.25" rear steel rims		\$ 44.00	\$ -
6.13	8,000 lb. 24.5" x 8.25" steel front rims		\$ 10.00	\$ -
6.14	8,000 lb. 24.5" x 8.25" steel rear rims		\$ 164.00	\$ -
6.15	11R 24.5 G front tires		\$ 63.00	\$ -
6.16	11R 24.5 H front tires		\$ 105.00	\$ -
6.17	11R 24.5 G rear tires		\$ 164.00	\$ -
6.18	11R 24.5 H rear tires		\$ 480.00	\$ -
6.19	Steel spare rim, size 22.5 x 8.25		\$ 125.00	\$ -
6.20	Steel spare rim, size 24.5 x 8.25		\$ 148.00	\$ -
6.21	Steel spare rim, size 22.5 x 9.0		\$ 380.00	\$ -
6.22	Steel spare rim, size 22.5 x 12.25		\$ 430.00	\$ -
6.23	12R22.5 H front tires		\$ 439.00	\$ -
6.24	12R 22.5 H rear tires		\$ 1,752.00	\$ -
6.25	Wheel lug wrench - includes handle		\$ 48.00	\$ -
6.26	Aluminum front wheel - 22.5 x 8.25		\$ 141.00	\$ -
6.27	Aluminum front wheel - 24.5 x 8.25		\$ 156.00	\$ -
6.28	Aluminum front wheel - 22.5 x 9.0	0	\$ 329.00	\$ -
6.29	Aluminum front wheel - 22.5 x 12.25		\$ 387.00	\$ -
6.30	Polished aluminum front wheel		\$ 48.00	\$ -
6.31	Dura-bright bright finish front wheels	1	\$ 204.00	\$ 204.00
6.32	Wheel finishing with extra polished front wheels		\$ 76.00	\$ -
6.33	Aluminum rear wheels - 22.5 x 8.25	0	\$ 492.00	\$ -
6.34	Aluminum rear wheels - 24.5 x 8.25		\$ 600.00	\$ -
6.35	Polished aluminum rear wheel four outboard of dual wheels		\$ 132.00	\$ -
6.36	Polished aluminum rear wheel all eight (8) wheels		\$ 265.00	\$ -
6.37	Dura-bright bright finish on all eight (8) rear wheels		\$ 1,334.00	\$ -
6.38	Dura-bright bright finish on all four (4) outboard rear wheels	1	\$ 667.00	\$ 667.00
6.39	11R22.5 G Bridgestone M843 front tires		\$ 223.00	\$ -
6.40	11R22.5 G Michelin XZE2 front tires		\$ 296.00	\$ -
6.41	315/80R22.5 L Michelin XZA1 front tires		\$ 532.00	\$ -
6.42	385/65R22.5 J Michelin XZY3 front tires		\$ 712.00	\$ -
6.43	425/65R22.5 L Michelin XZY3 front tires		\$ 959.00	\$ -
6.44	11R22.5 G Bridgestone M843 rear tires		\$ 892.00	\$ -
6.45	11R22.5 G Michelin XDN2 rear tires		\$ 1,892.00	\$ -
6.46	11R22.5 H Michelin XDN2 rear tires		\$ 1,964.00	\$ -
6.47	11R22.5 G Goodyear G622RSD rear tires		\$ 2,504.00	\$ -
6.48	11R22.5 H Goodyear G622RSD rear tires		\$ 2,672.00	\$ -
7.0	BRAKE SYSTEM OPTIONS:			
7.1	Wabco System Saver 1200 E heated air dryer	1	STD	
7.2	Manual cable drain valves on air tanks with lanyard on all tanks	ELS	\$ 24.00	\$ -

VENDOR INSTRUCTIONS

Spec #	Description	Qty	Price	Subtotal
7.3	Heated air tank			
7.4	Auto drain valves on air tanks		\$ 31.00	\$ -
7.5	MGM type TR-T rear brake chambers		\$ 50.00	\$ -
7.6	S.S. pins on slack adjuster yoke (2 ea. per yoke) For all air brake chambers	1		\$ -
7.7	Inverted rear brake chamber mounting in lieu of regular mounting	1		\$ -
7.8	Relocate air dryer		\$ 49.00	\$ -
7.9	Bendix AD9 heated air dryer		\$ 118.00	\$ -
7.10	Bendix AD-IP heated air dryer		\$ 164.00	\$ -
7.11	Meritor/Wabco system twin heated air dryer		\$ 539.00	\$ -
7.12	Auto heated drain valve- heated supply tank, manual petcock		\$ 42.00	\$ -
7.13	Auto heated drain valve- heated supply tank, with lanyard on all other tanks		\$ 72.00	\$ -
7.14	Aluminum air reservoirs		\$ 192.00	\$ -
7.15	Polished aluminum air reservoirs		\$ 252.00	\$ -
7.16	Increase air capacity for installation of extra axles		\$ 289.00	\$ -
7.17	MACK Road Stability Adv. Bendix ABS/ATC/RSA w/YAW control with mud/snow switch		\$ 1,873.00	\$ -
7.18	Meritor/Wabco ABS system w/o automatic traction control		\$ 142.00	\$ -
7.19	Bendix ABS system with traction control	1	\$ 270.00	\$ 270.00
7.20	Meritor/Wabco ABS system w/auto traction control		\$ 357.00	\$ -
7.21	Furnish automatic traction control (ATC full disable switch)		\$ 105.00	\$ -
7.22	Lanyard control on supply wet tank		\$ 16.00	\$ -
7.23	Haldex "Gold Seal" brake chamber		\$ 1.00	\$ -
7.24	Haldex "Life Seal" brake chamber		STD	
7.25	MGM TR 30/30 LP3 (3" Stroke) brake chamber		\$ 105.00	\$ -
7.26	MGM LTR (3" Stroke) brake chamber		\$ 285.00	\$ -
7.27	MGM TR3030LP3THD		\$ 133.00	\$ -
7.28	MGM TR-T (Tamper Resistant brake chamber) reclock inlet ports for optimum ground clearance		\$ 68.00	\$ -
7.29	Haldex "Gold Seal" 3.0" stroke brake chamber		\$ 399.00	\$ -
7.30	Electric horn sound when driver door open with park brake released		\$ 67.00	\$ -
7.31	Alarm to sound when driver door open & parking brake not on		\$ 43.00	\$ -
7.32	Schreader valve located in supply tank		\$ 47.00	\$ -
7.33	Schreader valve, secondary		\$ 47.00	\$ -
7.34	Two (2) valve dual brake system-trailer supply and tractor-trailer park		\$ 42.00	\$ -
7.35	Relocate all air reservoir in frame		\$ 48.00	\$ -
7.36	Air reservoir in frame, one reservoir on the RH rail behind Cleartech		\$ 48.00	\$ -
7.37	Never-seize to brake shoes pins & cam rollers	0	\$ 33.00	\$ -
8.0	ENGINE/EXHAUST AND FUEL TANKS OPTIONS: (List Make & Model, H.P., torque of engine and exhaust and fuel tank options)			
8.1	Mack MP7-325M 325HP@1400-1900 RPM (Peak) 2100 RPM Gov 1250 LB-FT Torque		STD	
8.2	Mack MP7-355A 355HP@1500-1800 RPM (Peak) 2100 RPM Gov 1250 LB-FT Torque		\$ 481.00	\$ -

VENDOR INSTRUCTIONS

Spec #	Description	Qty	Price	Subtotal
8.3	Mack MP7-375M 375HP@1500-1900 RPM (Peak) 2100 RPM Gov 1360 LB-FT Torque		\$ 813.00	\$ -
8.4	Mack MP7-425M 425HP@1500-1800 RPM (Peak) 2100 RPM Gov 1560 LB-FT Torque	1	\$ 1,508.00	\$ 1,508.00
8.5	Mack MP7-345C 345HP@1450-1700 RPM (Peak) 1950 RPM Gov 1360 LB-FT Torque		\$ 300.00	\$ -
8.6	Mack MP7-365C 365HP@1400-1700 RPM (Peak) 1950 RPM Gov 1460 LB-FT Torque		\$ 651.00	\$ -
8.7	Mack MP7-395A 395HP@1450-1700 RPM (Peak) 1950 RPM Gov 1560 LB-FT Torque		\$ 1,112.00	\$ -
8.8	Mack MP7-395C 395HP@1450-1700 RPM (Peak) 1950 RPM Gov 1560 LB-FT Torque		\$ 1,112.00	\$ -
8.9	Mack MP8-415C 415HP@1400-1700 RPM (Peak) 1950 RPM Gov 1660 LB-FT Torque		\$ 2,064.00	\$ -
8.10	Mack MP8-445C 445HP@1300-1700 RPM (Peak) 1950 RPM Gov 1860 LB-FT Torque		\$ 2,589.00	\$ -
8.11	Mack MP8-505C 505HP@1500-1700 RPM (Peak) 1950 RPM Gov 1860 LB-FT Torque		\$ 3,311.00	\$ -
8.12	Mack MP8-425M 425HP@1500-1900 RPM (Peak) 21000 RPM Gov 1560 LB-FT Torque		\$ 2,247.00	\$ -
8.13	Mack MP8-455M 455HP@1500-1900 RPM (Peak) 21000 RPM Gov 1760 LB-FT Torque		\$ 2,635.00	\$ -
8.14	Mack MP8-505M 505HP@1500-1900 RPM (Peak) 21000 RPM Gov 1860 LB-FT Torque		\$ 3,759.00	\$ -
8.15	Clear Back of Cab - DPF & SCR Frame Mounted , RH Side under Cab	1	\$ 114.00	\$ 114.00
8.16	PK7-17C2 93 gallon sleeved fuel tank, 20" clearance for outrigger/wing plow		\$ 317.00	\$ -
8.17	Cleartech, DPF RH side under cab w/SCR vertical RH side of cab		\$ 601.00	\$ -
8.18	Cleartech with DPF vertical RH side BOC, w/SCR vertical LH side BOC		\$ 3,308.00	\$ -
8.19	No Muffler, Single (R/S) Vertical Exhaust Cab Mounted, Lower Ventura Diffuser, Turned End	1	\$ 318.00	\$ 318.00
8.20	No Muffler, Single (R/S) Vertical Exhaust Cab Mounted, Lower Ventura Diffuser, Plain End		\$ 318.00	\$ -
8.21	Single (R/S) Vertical Straight Exhaust Stack Plain End		\$ (16.00)	\$ -
8.22	Single (R/S) Vertical Straight Exhaust Stack Turned Out	1	STD	
8.23	Single (R/S) Vertical Straight Exhaust Stack Plain End Perf Stack Diffuser		\$ 32.00	\$ -
8.24	Single (R/S) Vertical Straight Exhaust Stack Plain End Side Outlet Diffuser		\$ 126.00	\$ -
8.25	Single (R/S) Vertical Straight Exhaust Stack Plain Top Outlet Diffuser		\$ 126.00	\$ -
8.26	Dual Vertical Straight Exhaust Stack Plain End - N/A with Allison Transmission		\$ 1,065.00	\$ -
8.27	Dual Vertical Straight Exhaust Stack Turned Out End - N/A with Allison Transmission		\$ 1,091.00	\$ -
8.28	Dual Vertical Straight Exhaust Stack Plain Side Outlet Diffuser - N/A with Allison Transmission		\$ 1,507.00	\$ -
8.29	Dual Vertical Straight Exhaust Stack Plain Top Outlet Diffuser - N/A with Allison Transmission		\$ 1,507.00	\$ -
8.30	Single, Bright finish heat shield & stack	1	\$ 65.00	\$ 65.00
8.31	Dual, Bright finish heat shield & stack		\$ 130.00	\$ -
8.32	Single, Bright finish heat shield, stack & elbow		\$ 162.00	\$ -
8.33	Dual, Bright finish heat shield, stack & elbow		\$ 344.00	\$ -

ELS 1A

VENDOR INSTRUCTIONS

Spec #	Description	Qty	Price	Subtotal
8.34	Single, Bright finish stack only		\$ 50.00	\$ -
8.35	Dual, Bright finish stack only		\$ 99.00	\$ -
8.36	Single, Bright finish lower elbow & stack		\$ 148.00	\$ -
8.37	Dual, Bright finish lower elbow & stack		\$ 294.00	\$ -
8.38	Single, Bright finish heat shield only		\$ 16.00	\$ -
8.39	Dual, Bright finish heat shield only		\$ 31.00	\$ -
8.40	Bright finish stainless steel heat shield for frame mounted Mack Cap DPF		\$ 171.00	\$ -
8.41	50 Gallon LH steel 22" Dia fuel tank		\$ (118.00)	\$ -
8.42	66 Gallon LH steel 22" Dia fuel tank		\$ (96.00)	\$ -
8.43	72 Gallon LH steel 26" Dia fuel tank		\$ (62.00)	\$ -
8.44	88 Gallon LH steel 22" Dia fuel tank		\$ 164.00	\$ -
8.45	93 Gallon LH steel 26" Dia fuel tank		\$ 267.00	\$ -
8.46	116 Gallon LH steel 22" Dia fuel tank		\$ 222.00	\$ -
8.47	50 Gallon LH aluminum 22" Dia fuel tank		\$ (64.00)	\$ -
8.48	66 Gallon LH aluminum 22" Dia fuel tank		\$ (45.00)	\$ -
8.49	72 Gallon LH aluminum 26" Dia fuel tank		\$ 24.00	\$ -
8.50	88 Gallon LH aluminum 22" Dia fuel tank		\$ 231.00	\$ -
8.51	93 Gallon LH aluminum 26" Dia fuel tank		\$ 272.00	\$ -
8.52	116 Gallon LH aluminum 22" Dia fuel tank		\$ 292.00	\$ -
8.53	50 Gallon LH Steel D-Shape		\$ (118.00)	\$ -
8.54	66 Gallon LH Steel D-Shape		\$ (68.00)	\$ -
8.55	88 Gallon LH Steel D-Shape		\$ 101.00	\$ -
8.56	116 Gallon LH Steel D-Shape		\$ 300.00	\$ -
8.57	50 Gallon LH Aluminum D-Shape		\$ (118.00)	\$ -
8.58	66 Gallon LH Aluminum D-Shape		\$ (27.00)	\$ -
8.59	88 Gallon LH Aluminum D-Shape		\$ 173.00	\$ -
8.60	93 Gallon LH Aluminum D-Shape		\$ 195.00	\$ -
8.61	116 Gallon LH Aluminum D-Shape		\$ 367.00	\$ -
8.62	66 Gallon LH Steel D-Shape with Integral DEF Tank		\$ (47.00)	\$ -
8.63	88 Gallon LH Steel D-Shape with Integral DEF Tank		\$ 213.00	\$ -
8.64	111 Gallon LH Steel D-Shape with Integral DEF Tank		\$ 325.00	\$ -
8.65	66 Gallon LH Aluminum D-Shape with Integral DEF Tank	1	STD	
8.66	72 Gallon LH Aluminum D-Shape 26" Dia. with Integral DEF Tank		\$ 171.00	\$ -
8.67	88 Gallon LH Aluminum D-Shape with Integral DEF Tank		\$ 240.00	\$ -
8.68	93 Gallon LH Aluminum D-Shape 26" Dia. with Integral DEF Tank		\$ 304.00	\$ -
8.69	111 Gallon LH Aluminum D-Shape with Integral DEF Tank		\$ 378.00	\$ -
8.70	111 & 66 Gallon Aluminum D-Shape tanks, 66 Gallon isolated for Hyd oil		\$ 839.00	\$ -
8.71	50 Gallon RH steel 22" Dia fuel tank		\$ 503.00	\$ -
8.72	66 Gallon RH steel 22" Dia fuel tank	0	\$ 529.00	\$ -
8.73	88 Gallon RH steel 22" Dia fuel tank		\$ 814.00	\$ -
8.74	116 Gallon RH steel 22" Dia fuel tank		\$ 871.00	\$ -
8.75	50 Gallon RH aluminum 22" Dia fuel tank		\$ 570.00	\$ -
8.76	66 Gallon RH aluminum 22" Dia fuel tank		\$ 593.00	\$ -
8.77	88 Gallon RH aluminum 22" Dia fuel tank		\$ 879.00	\$ -
8.78	116 Gallon RH aluminum 22" Dia fuel tank		\$ 849.00	\$ -
8.79	50 Gallon RH Steel D-Shape		\$ 503.00	\$ -
8.80	66 Gallon RH Steel D-Shape		\$ 566.00	\$ -
8.81	88 Gallon RH Steel D-Shape		\$ 751.00	\$ -

Spec #	Description	Qty	Price	Subtotal
8.82	116 Gallon RH Steel D-Shape		\$ 950.00	\$ -
8.83	50 Gallon RH Aluminum D-Shape		\$ 569.00	\$ -
8.84	66 Gallon RH Aluminum D-Shape		\$ 617.00	\$ -
8.85	88 Gallon RH Aluminum D-Shape		\$ 822.00	\$ -
8.86	116 Gallon RH Aluminum D-Shape		\$ 1,016.00	\$ -
8.87	Single polished aluminum fuel tank		\$ 197.00	\$ -
8.88	Dual polished aluminum fuel tank		\$ 393.00	\$ -
8.89	Isolate RH fuel tank from fuel system for hyd oil		\$ 30.00	\$ -
8.90	Dual draw & return fuel system		\$ 82.00	\$ -
8.91	Filter neck screen for fuel tank		\$ 71.00	\$ -
8.92	Lockable fuel tank cap		\$ 31.00	\$ -
8.93	Bright finish DPF tank cover - Requires with bright finish tanks		\$ 171.00	\$ -
8.94	Bright finish DEF tank cover		\$ 29.00	\$ -
8.95	Bright Finish Aluminum steps & stainless steel bright finish straps		\$ 189.00	\$ -
8.96	Bright Finish Fuel Tank Straps - Single Tank	1	\$ 32.00	\$ 32.00
8.97	Flocs oil change system w/disconnecting fittings		\$ 114.00	\$ -
8.98	Engine oil drain kit, Flocs, SAE 100R2 hose		\$ 136.00	\$ -

9.0 ENGINE RELATED OPTIONS:

9.1	Oil fill and dipstick EZ access			\$ -
9.2	Delco 35 SI Brushless Alternator, 135 AMP		\$ 102.00	\$ -
9.3	Delco 24 SI Alternator, 130 AMP		STD	
9.4	Delco 24 SI Alternator, 145 AMP	1	\$ 18.00	\$ 18.00
9.5	Leece-Neville Alternator, 145 AMP		\$ 70.00	\$ -
9.6	Dual element air cleaner			
9.7	Donaldson Single Stage Air cleaner per spec 12.1	1	\$ 278.00	\$ 278.00
9.8	Thumb screws for Donaldson. Single stage Air Cleaner			\$ -
9.9	Fuel/water separator/heated/ Thermostatically controlled, __ (Brand)			\$ -
9.10	Davco 382 fuel/water separator, non heated			\$ -
9.11	Non-heated fuel/water separator, Mack w/manual drain valve (integral w/primary fuel filter	1	STD	
9.12	Coolant spin on filter/conditioner	1	\$ 47.00	\$ 47.00
9.13	Front engine powered take off adapter and radiator cut out	1	\$ 103.00	\$ 103.00
9.14	Air applied fan drive, Kysor two speed K32 Duro speed fan		\$ 135.00	\$ -
9.15	Air applied fan drive, ____ (Brand)			\$ -
9.16	Viscous fan drive - Behr Electronically modulated	1	STD	
9.17	Radiator hose package (Silicone) per Spec 12.2	1	\$ 240.00	\$ 240.00
9.18	Curved exhaust pipe end	1	STD	
9.19	Fuel tank per specification 12.7			\$ -
9.20	Engine block heater	1	\$ 65.00	\$ 65.00
9.21	In line fuel heater		\$ 407.00	\$ -
9.22	In tank fuel heater		\$ 351.00	\$ -
9.23	Fuel cooler			\$ -
9.24	Radiator bug screen	1	STD	
9.25	Engine brake system	1	\$ 604.00	\$ 604.00
9.26	Relocate air dryer		\$ 66.00	\$ -
9.27	Extended life anti-freeze	1	\$ 20.00	\$ 20.00
9.28	Starter motor options			\$ -
9.29	Starter motor options - Delco 39MT-MXT	1	STD	

VENDOR INSTRUCTIONS

Spec #	Description	Qty	Price	Subtotal
9.30	Mitsubishi electric 105P planetary gear reduction		\$ 46.00	\$ -
9.31	Relocate fuel filter		\$ 38.00	\$ -
9.32	Non-heated fuel/water separator, Racor 1000 FH		\$ 349.00	\$ -
9.33	Silicone radiator & heater hose with gate valve on each heater hose	1	\$ 201.00	\$ 201.00
9.34	Silicone radiator, spring clamps on radiator & heater, 1/4 turn ball valve heater hose		\$ 212.00	\$ -
9.35	Mack brand EPDM radiator & heater hoses with 1/4 turn ball valve		\$ 79.00	\$ -
9.36	Mack brand EPDM radiator & heater hoses with constant torque clamps on all coolant lines		\$ 22.00	\$ -
9.37	Leece-Neville Alternator, 200 AMP		\$ 464.00	\$ -
9.38	Leece-Neville Alternator, 270 AMP		\$ 659.00	\$ -
9.39	Leece-Neville Alternator, 160 AMP Brushless		\$ 106.00	\$ -
9.40	Delco 24 SI Alternator, 160 AMP		\$ 54.00	\$ -
9.41	Delco 36SI Alternator, 165A Amp Brushless		\$ 178.00	\$ -
9.42	Delco 36SI Alternator, 165A Amp Brushless, w/remote voltage sensing		\$ 166.00	\$ -
9.43	Leece-Neville Alternator, 140 Amp		\$ 49.00	\$ -
9.44	Leece-Neville Alternator, 160 AMP Brush		\$ 103.00	\$ -
9.45	Meritor/Wabco 636 (37.4 CFM) air compressor		\$ 783.00	\$ -
9.46	Without bug screen		\$ (22.00)	\$ -
9.47	Winterfront over radiator mtg bug screen	0	\$ 97.00	\$ -
9.48	Winter front cover only		\$ 52.00	\$ -
9.49	Corrosion resistant oil pan - Recommended for snow plow trucks	1	\$ 126.00	\$ 126.00
9.50	Stainless steel oil pan		\$ 1,950.00	\$ -
9.51	Davco 382 heated fuel-water separator	1	\$ 387.00	\$ 387.00
9.52	Racor fuel filter 1000 FH, 12V electrical heater with Mack integral fuel-water separator		\$ 374.00	\$ -
9.53	120V, 1500W block heater with 150W oil pan heater wired to same receptacle		\$ 137.00	\$ -
9.54	Electric preheater	1	\$ 53.00	\$ 53.00
9.55	Tether device -furnish cap retainer for oil fill, radiator overflow tank, battery box & tool box when furnish		\$ 23.00	\$ -
9.56	Electric primer pump (Mack engine) with momentary switch located LH rail BOC		\$ 96.00	\$ -
9.57	Rear engine PTO (Repto)		\$ 1,817.00	\$ -
9.58	Furnish transmission thru shaft for local installation of RMPTO for Fuller transmission (lower left)		\$ 28.00	\$ -
9.59	Provision for local installation of rear mounted PTO (lower center) includes dash mounted indicator light		\$ 159.00	\$ -
9.60	Air operated PTO control - includes in cab control (RMPTO only)		\$ 118.00	\$ -
9.61	PTO switch and light with wiring and piping		\$ 156.00	\$ -
9.62	PTO switch and light with wiring and piping - M-Drive transmission		\$ 156.00	\$ -

TRANSMISSION OPTIONS:

- 10.0 (After the first Six listed options, list manual and automatic transmission options. List make and model, # of speeds, type of shifting and whether or not transmission includes PTO gear(s) or not). Example: Allison 3000 HS, 5 speed, push button, no PTO.

10.1	2 plate 14" ceramic clutch option for manual transmission		\$	-
10.2	2 plate 15½" ceramic clutch option for manual transmission	ELS	\$ -	\$ -

VENDOR INSTRUCTIONS

Spec #	Description	Qty	Price	Subtotal
10.3	External grease fitting for throw out bearing		\$ 7.00	\$ -
10.4	Adjustment free option for 2 plate clutches		\$ 47.00	\$ -
10.5	Synthetic (TranSynd) lubrication for Automatic Transmission	1	\$ 301.00	\$ 301.00
10.6	Synthetic lubrication for manual transmission		STD	
10.7	Factory option lube - transmission		\$ (56.00)	\$ -
10.8	Allison 3000-RDS 5/6 speed push button, PTO		\$ 6,147.00	\$ -
10.9	Allison 3000-RDS 5/6 speed push button, PTO, w/output retarder		\$ 8,178.00	\$ -
10.10	Allison 3000-EVS 6 speed push button, PTO		\$ 8,108.00	\$ -
10.11	Allison 4000-RDS 5 speed push button, PTO		\$ 14,280.00	\$ -
10.12	Allison 4000-RDS 5/6 speed push button, PTO		\$ 13,776.00	\$ -
10.13	Allison 4000-RDS 6 speed push button, PTO, w/output retarder		\$ 13,536.00	\$ -
10.14	Allison 4000-EVS 6 speed push button, PTO		\$ 14,972.00	\$ -
10.15	Allison 4500-RDS 6 speed push button, PTO	1	\$ 13,776.00	\$ 13,776.00
10.16	Allison 4500-RDS-R 6 speed, with retarder, push button, PTO		\$ 16,776.00	\$ -
10.17	Allison 4500-EVS 6 speed push button, PTO		\$ 14,972.00	\$ -
10.18	Mack TMD12AFD-HD automated 12 speed transmission (direct drive)		\$ 3,718.00	\$ -
10.19	Mack TMD12AFD-HD automated 12 speed transmission (over drive)		\$ 3,718.00	\$ -
10.20	Mack TMD13AFD-HD automated 13 speed. Transmission, creeper/multi-speed reverse (direct drive)		\$ 7,438.00	\$ -
10.21	Mack TMD13AFD-HD automated 13 speed. Transmission, creeper/multi-speed reverse (over drive)		\$ 7,438.00	\$ -
10.22	Mack TMD13AFD-HD automated 14 speed. Transmission, ultra-low creeper/multi-speed reverse (over drive)		\$ 7,839.00	\$ -
10.23	Mack T309, 9 speed transmission, PTO		STD	
10.24	Mack T309LR, 9 speed transmission, PTO		\$ 142.00	\$ -
10.25	Mack T310, 10 speed manual transmission, PTO		\$ (516.00)	\$ -
10.26	Mack T310M, 10 speed manual transmission, PTO		\$ 1,029.00	\$ -
10.27	Mack T310ME, 10 speed manual transmission, PTO		\$ 1,193.00	\$ -
10.28	Mack T310MLR, 10 speed manual transmission, PTO		\$ 1,250.00	\$ -
10.29	Fuller FRO-14210C, 10 speed manual transmission, PTO		\$ 377.00	\$ -
10.30	Fuller RTO-14908LL, 10 speed manual transmission, PTO		\$ 855.00	\$ -
10.31	Fuller FRO-15210C, 10 speed manual transmission, PTO		\$ 1,639.00	\$ -
10.32	Fuller FRO-16210C, 10 speed manual transmission, PTO		\$ 1,298.00	\$ -
10.33	Fuller RTO-16908LL, 10 speed manual transmission, PTO		\$ 1,585.00	\$ -
10.34	Fuller FRO-18210C, 10 speed manual transmission, PTO		\$ 1,614.00	\$ -
10.35	Fuller RTO-14909ALL, 11 speed manual transmission, PTO		\$ 1,390.00	\$ -
10.36	Fuller RTO-16908ALL, 11 speed manual transmission, PTO		\$ 2,102.00	\$ -
10.37	Mack T313LR, 13 speed manual transmission, PTO		\$ 1,128.00	\$ -
10.38	Mack T313, 13 speed manual transmission, PTO		\$ 1,089.00	\$ -
10.39	Fuller RTLO-16913A, 13 speed manual transmission, PTO		\$ 2,111.00	\$ -
10.40	Fuller RTLO-18913A, 13 speed manual transmission, PTO		\$ 2,848.00	\$ -
10.41	Fuller RTO-16915, 15 speed manual transmission, PTO		\$ 2,220.00	\$ -
10.42	Mack T318LR21, 18 speed manual transmission, PTO		\$ 1,561.00	\$ -
10.43	Mack T318LR, 18 speed manual transmission, PTO		\$ 1,277.00	\$ -
10.44	Mack T318, 18 speed manual transmission, PTO		\$ 1,306.00	\$ -
10.45	Fuller RTLO-16918B, 18 speed manual transmission, PTO		\$ 2,725.00	\$ -
10.46	Fuller RTLO-18918B, 18 speed manual transmission, PTO		\$ 3,407.00	\$ -
10.47	Air assist clutch		\$ 359.00	\$ -
10.48	Mechanical clutch cable		\$ 160.00	\$ -

AMENDMENT #1 FOR 2010 MODELS

VENDOR INSTRUCTIONS

Spec #	Description	Qty	Price	Subtotal
10.49	Open grated clutch pedal		\$ 14.00	\$ -
10.50	Transmission oil cooler	1	STD	
10.51	Driveshaft guard for center bearing		\$ 27.00	\$ -
10.52	Transmission dust proofing		\$ 15.00	\$ -
10.53	T-Handle shift lever for Allison - Floor mounted		\$ 203.00	\$ -
10.54	Allison shift to neutral when park brake engaged	1	STD	
10.55	3rd or 4th gear hold for Allison transmission	1	\$ 300.00	\$ 300.00
10.56	Stainless steel transmission coolant pipes	1	\$ 175.00	\$ 175.00
10.57	Allison fill tune and dip stick under hood		\$ 138.00	\$ -
10.58	Remote lube fittings: clutch release, brg & both cross-shaft; mounted under LH door		\$ 50.00	\$ -
10.59	GP1-23 Parker gear pump - requires M-Drive transmission and RMPO		\$ 425.00	\$ -
10.60	GP1-41 Parker gear pump - requires M-Drive transmission and RMPO		\$ 434.00	\$ -
10.61	GP1-60 Parker gear pump - requires M-Drive transmission and RMPO		\$ 548.00	\$ -
10.62	GP1-80 Parker gear pump - requires M-Drive transmission and RMPO		\$ 588.00	\$ -
10.63	F1-61R Parker gear pump - requires M-Drive transmission and RMPO		\$ 637.00	\$ -
10.64	F1-81R Parker gear pump - requires M-Drive transmission and RMPO		\$ 710.00	\$ -
10.65	F1-101R Parker gear pump - requires M-Drive transmission and RMPO		\$ 857.00	\$ -

11.0 ELECTRICAL OPTIONS:

11.1	Resettable circuit breaker electrical protection			\$ -
11.2	Automatic reset circuit breakers			\$ -
11.3	Solid state circuit protection			\$ -
11.4	Circuit box under hood or end of frame, each	1		\$ -
11.5	Battery disconnect off negative side in cab control		\$ 97.00	\$ -
11.6	Remote jump start terminals		\$ 111.00	\$ -
11.7	Back up alarm (Preco Factory Model)			\$ -
11.8	OEM daytime running lights	1	STD	
11.9	3000 CCA batteries in lieu of 1950CCA	1	\$ 66.00	\$ 66.00
11.10	3 each 650/1950 CCA batteries in lieu of 2 each batteries		STD	
11.11	Battery box aft of cab			\$ -
11.12	Grote 44710 flasher			\$ -
11.13	Signal Stat 935 turn signal per Spec 12.6			\$ -
11.14	Auxiliary customer access circuits			\$ -
11.15	Switch for snowplow lights mounted on instrumental panel. Includes wiring terminated near headlights, for customer mounted auxiliary snowplow lights.	1	\$ 80.00	\$ 80.00
11.16	Power source terminal-2 stud type-mounted on firewall or inside cab with ground to frame rail and to starter, with 6 gauge wire.			\$ -
11.17	10-position switch panel mounted on instrument panel. Includes 10 lighted switches, ignition control; switches will control relays which will feed stud type junction block mounted inside cab.			\$ -
11.18	Vehicle speed sensor with speed signal at fuse panel for sander ground speed control system.	1	\$ 20.00	\$ 20.00
11.19	Battery box left hand rail back of fuel tank		\$ 48.00	\$ -

AMENDMENT #1 FOR 2019 MODELS TA

VENDOR INSTRUCTIONS

Spec #	Description	Qty	Price	Subtotal
11.20	Battery terminal cable with tall battery terminal nuts	0	\$ 8.00	\$ -
11.21	Dash mounted indicator body/hoist up body builder lamp		\$ 71.00	\$ -
11.22	RH/LH led work light on both side of truck		\$ 113.00	\$ -
11.23	Polished aluminum battery box cover		\$ 52.00	\$ -
11.24	Molded plastic with splash guard		\$ 29.00	\$ -
11.25	Painted steel battery box		\$ 23.00	\$ -
11.26	Lockable steel battery box		\$ 69.00	\$ -
11.27	Battery shock pad	1	\$ 4.00	\$ 4.00
11.28	Body Link w/cab floor pass thru hole/rubber boot		\$ 1.00	\$ -
11.29	Body Link w/o cab floor pass thru hole/rubber boot	1	STD	
11.30	2 Extra dash mounted illuminated toggle switches		\$ 16.00	\$ -
11.31	One extra dash mounted rocker switch thru battery for local installed items		\$ 10.00	\$ -
11.32	One extra dash mounted rocker switch thru ignition for local installed items		\$ 10.00	\$ -
11.33	Six extra switches 2-15A ignition, 1-20A ignition, 1-10A ignition, 1-5A battery, & 1-20A battery		\$ 111.00	\$ -
11.34	Eight switches - front strobe, rear strobes, wing light, wing strobe, sander light, tail gate lock, and vibrator	1	\$ 237.00	\$ 237.00
11.35	Back up alarm with intermittent feature (Ambient noise sensitive)		\$ 98.00	\$ -
11.36	Ecco back-up alarm 575 constant sound level	1	\$ 74.00	\$ 74.00
11.37	Ecco back-up alarm SA917 ambient noise sensitive		\$ 98.00	\$ -
11.38	Pollak 41-722 constant audible (mounted on rear crossmember)		\$ 80.00	\$ -
11.39	Fog lights		\$ 93.00	\$ -
11.40	Fog lights provisions - includes dash control & wiring for local installation of fog lights		\$ 13.00	\$ -
11.41	Omit rear tail lights		\$ (38.00)	\$ -
11.42	Incandescent tail light module		\$ 91.00	\$ -
11.43	Brake lighting on with engine brake		\$ 84.00	\$ -
11.44	LED type tail lights	1	\$ 199.00	\$ 199.00
11.45	Two Mack M/F 925/1850 CCA batteries		\$ 56.00	\$ -
11.46	Three Mack 730/2190 CCA batteries		\$ 5.00	\$ -
11.47	Three Mack 800 CCA AGM Long Life Batteries		\$ 263.00	\$ -
11.48	Four Mack 1000/4000 CCA		\$ 182.00	\$ -
11.49	Switch in dash with wiring to cab roof, above LH & RH doors for local installation of strobe lights		\$ 32.00	\$ -
11.50	LED strobe beacon lights mounted on top of cab with switch on D-panel		\$ 196.00	\$ -
11.51	LH roof mounted spot light		\$ 71.00	\$ -
11.52	Trucklite LED side marker light		\$ 102.00	\$ -

12.0 CAB EXTERIOR OPTIONS:

12.1	Dual electric horns		\$ 6.00	\$ -
12.2	Air horns, dual, round, with snow shields		\$ 95.00	\$ -
12.3	Dual rectangular air horns		\$ 72.00	\$ -
12.4	Fender mirrors per Spec 12.4		\$ 133.00	\$ -
12.5	Heated mirrors per Spec 12.5 -West Coast	1	\$ 104.00	\$ 104.00
12.6	Remote control for R.H. mirror & heated -Bulldog stylized mirrors		\$ 378.00	\$ -
12.7	Remote control for dual mirrors & heated - Bulldog stylized mirrors with integral convex mirror		\$ 474.00	\$ -
12.8	Upcharge for cab extension or larger cab			\$ -
12.9	Severe duty aluminum cab option			\$ -

VENDOR INSTRUCTIONS

Spec #	Description	Qty	Price	Subtotal
12.10	Dupont Highway orange paint or equal		\$ 31.00	\$ -
12.11	Premium paint color option		\$ 233.00	\$ -
12.12	Imron paint option		STD	
12.13	Imron and clear coat paint option	1	STD	
12.14	Top of hood painted flat black		\$ 607.00	\$ -
12.15	Cab Air Ride Suspension	1	STD	
12.16	Tilting hood per Spec 12.8	1	STD	
12.17	Butterfly option on hood		\$ 413.00	\$ -
12.18	Transverse hood opening w/setback axle			\$ -
12.19	Front fender mounted turn signals			\$ -
12.20	Cab visor, external, painted to match cab color	1	\$ 184.00	\$ 184.00
12.21	Front fender extensions	1	\$ 105.00	\$ 105.00
12.22	Front fender mud flaps	1	STD	
12.23	Arctic winter wiper blades	1	\$ 19.00	\$ 19.00
12.24	Optional windshield washer tank	1	\$ 26.00	\$ 26.00
12.25	Per truck charge for all trucks, key identical - M214		\$ 20.00	\$ -
12.26	RH observation prism window in door		\$ 28.00	\$ -
12.27	Spotlight LH, RH, or roof mounted each		\$ 71.00	\$ -
12.28	Front tow hooks	1	STD	
12.29	Rear tow hooks	1	\$ 22.00	\$ 22.00
12.30	Per truck charge for all trucks, key identical - 4 keys		\$ 39.00	\$ -
12.31	Heated mirrors per Spec 12.5 -West Coast heated & illuminated		\$ 123.00	\$ -
12.32	Heated mirrors per Spec 12.5 -Bulldog Stylized mirrors w/integral convex mirrors		\$ 272.00	\$ -
12.33	Heated mirrors per Spec 12.5 -Body color aero mirror with integrated convex mirror		\$ (49.00)	\$ -
12.34	Remote control for R.H. mirror & heated -Aerodynamic		\$ 344.00	\$ -
12.35	Hadley/Kam 4-way mirrors with chrome steel - RH motorized & heated		\$ 214.00	\$ -
12.36	Remote control for dual mirrors & heated - Bulldog stylized mirrors illuminated with integral convex mirror		\$ 502.00	\$ -
12.37	Remote control for dual mirrors & heated - Aerodynamic		\$ 444.00	\$ -
12.38	Remote control for dual mirrors & heated - Aerodynamic body color		\$ 134.00	\$ -
12.39	Hadley/Kam 4-way mirrors with chrome steel - RH/LH both motorized & heated		\$ 252.00	\$ -
12.40	RH observation prism window in door		\$ 28.00	\$ -
12.41	Heated electric wiper blades		\$ 118.00	\$ -
12.42	Heated windshield	1	\$ 425.00	\$ 425.00
12.43	One piece windshield	1	\$ 83.00	\$ 83.00
12.44	Tinted windshield and sides w/50% transmittance gray, tinted rear window		\$ 50.00	\$ -
12.45	Bright finish hood intake		\$ 16.00	\$ -
12.46	Bright finish bars with surround grille	1	\$ 240.00	\$ 240.00
12.47	Bright finish grille		\$ 32.00	\$ -
12.48	Bullet type chrome marker & clearance lights		\$ 75.00	\$ -
12.49	Led type marker & clearance lights	1	\$ 75.00	\$ 75.00
12.50	RH tool box mounted on frame rail		\$ 221.00	\$ -
12.51	Heated convex mirrors		\$ 34.00	\$ -
12.52	Electronic keyless entry		\$ 130.00	\$ -
12.53	Bright finish RH fender mirror		\$ 67.00	\$ -

Spec #	Description	Qty	Price	Subtotal
12.54	Bus style 1/4 round black finish fender mirrors		\$ 191.00	\$ -
12.55	Stainless steel exterior sun visor		\$ 247.00	\$ -
12.56	Bright Finish hood latches		\$ 89.00	\$ -
12.57	10" round bright finish heated fender mirrors	1	\$ 234.00	\$ 234.00
12.58	Rect convex mirror above RH driver door window		\$ 23.00	\$ -

13.0 CAB INTERIOR OPTIONS:

13.1	Medium grade interior trim package			\$ -
13.2	Sandstone Color with woodgrain instrument panel		\$ 292.00	\$ -
13.3	Sandstone Color with brushed metallic instrument panel		\$ 292.00	\$ -
13.4	Slate Gray Color with woodgrain instrument panel		\$ 292.00	\$ -
13.5	Slate Gray Color with brushed metallic instrument panel	1	\$ 292.00	\$ 292.00
13.6	Premium grade interior trim package includes power window and locks in package			
13.7	Sandstone Color with woodgrain instrument panel		\$ 1,087.00	\$ -
13.8	Sandstone Color with brushed metallic instrument panel		\$ 1,087.00	\$ -
13.9	Slate Gray Color with woodgrain instrument panel		\$ 1,087.00	\$ -
13.10	Slate Gray Color with brushed metallic instrument panel		\$ 1,087.00	\$ -
13.11	Round universal gauge package	1	STD	
13.12	Power window, passenger side		\$ 158.00	\$ -
13.13	Power window/both passenger and driver window	1	\$ 325.00	\$ 325.00
13.14	O.E.M factory installed, AM/FM Premium stereo, CD-Player, Weatherboard, Handfree interface, Bluetooth	1	STD	
13.15	O.E.M factory installed, AM/FM Premium stereo, CD-Player, Weatherband, Handfree interface, Bluetooth, Sirius/XM Satellite		\$ 157.00	\$ -
13.16	Radio accommodation package includes antenna, power supply and two speakers (No radio)		\$ (175.00)	\$ -
13.17	O.E.M factory installed, AM/FM stereo, MP3, Weatherband, Handfree interface, Bluetooth		\$ (45.00)	\$ -
13.18	O.E.M factory installed, air conditioning	1	STD	
13.19	Cab mounted non-resettable hour meter			\$ -
13.20	Dash mounted air cleaner air restriction gauge - (Display in Co-Pilot only)	1	STD	
13.21	Transmission temp gauges	1	STD	
13.22	Windshield defroster fan w/switch dash mounted		\$ 87.00	\$ -
13.23	Between seats mounted console		\$ 308.00	\$ -
13.24	Transmission oil sensor (check & fill)	1	STD	
13.25	CB hot jacks dash mounted		\$ 13.00	\$ -
13.26	Tilt & telescope steering wheel	1	STD	
13.27	Tilt steering wheel			\$ -
13.28	Self canceling turn signals	1	STD	

List seating options for driver and passenger seats. Use as many options as you need to offer seat variations customers have been buying.

13.29	Bostrom Talladega 915 Hi-Back air driver seat		\$ 26.00	\$ -
13.30	Bostrom Talladega 915 wide ride Hi-Back air driver with 4 chamber air lumbar		\$ 181.00	\$ -
13.31	Bostrom Talladega 915 Hi-Back air driver seat and air lumbar support		\$ 137.00	\$ -
13.32	Air-Sears Atlas 70 hi-back driver seat		\$ 246.00	\$ -
13.33	Air-Sears Atlas 70 hi-back driver seat "Premium comfort with height adj. Air lumbar		\$ 301.00	\$ -

VENDOR INSTRUCTIONS

Spec #	Description	Qty	Price	Subtotal
13.34	Air-Sears Atlas 80 hi-back driver seat 4 chamber air lumbar	1	\$ 374.00	\$ 374.00
13.35	National 2000 hi-back air driver seat - single chamber air lumbar, 2 position front cushion adjustable		\$ 104.00	\$ -
13.36	National 2000 hi-back air driver seat - three chamber air lumbar, 2 position front cushion adjustable front cushion with adjustable rear cushion		\$ 199.00	\$ -
13.37	Mack fixed rider seat mid-back with integral storage compartment		\$ 82.00	\$ -
13.38	Mack fixed rider seat hi-back with integral storage compartment		\$ 106.00	\$ -
13.39	Extended non suspension rider seat with seat belts (2)		\$ 101.00	\$ -
13.40	Mack fixed hi-back rider seat		\$ 44.00	\$ -
13.41	Bostrom Talladega 900R mid-back non suspension rider seat		\$ 74.00	\$ -
13.42	Bostrom Talladega 900R hi-back non suspension rider seat		\$ 95.00	\$ -
13.43	Bostrom Talladega 915 mid back air rider seat		\$ 200.00	\$ -
13.44	Bostrom Talladega 915 hi-back air rider seat		\$ 297.00	\$ -
13.45	Bostrom Talladega 915 hi-back air rider seat with air lumbar		\$ 297.00	\$ -
13.46	National 2000 mid-back air rider seat	1	\$ 214.00	\$ 214.00
13.47	National 2000 hi-back air rider seat		\$ 250.00	\$ -
13.48	Omit rider seat		\$ (40.00)	\$ -
13.49	Inboard mounted driver arm rest	1	\$ -	\$ -
13.50	Inboard mounted rider arm rest - Air Ride Seat Only		\$ -	\$ -
13.51	Cloth with vinyl driver & rider seat	1	\$ -	\$ -
13.52	Driver seat dust cover	1	\$ -	\$ -
13.53	Passenger seat dust cover - Not Available with fix passenger seat		\$ -	\$ -
13.54	All ultra leather drive and ride set		\$ 95.00	\$ -
13.55	Orange driver & rider seat belt		\$ 76.00	\$ -
13.56	Light & buzzer for seat belt		\$ 35.00	\$ -
13.57	Push button type starter		\$ 13.00	\$ -
13.58	Diagonal grab handle on inside of driver door	1	\$ 35.00	\$ 35.00
13.59	Co-pilot driver display (enhanced 4.5" diagonal graphic LCD display w/4-button stalk control - includes guard dog routine maintenance monitoring	1	STD	
13.60	Roadwatch ambient air temp gauge for outside and road temps - requires aero-dynamic mirrors		\$ 648.00	\$ -
13.61	Roadwatch ambient air temp gauge for outside and road temps without display - includes cable to D panel with 6" extra wire		\$ 967.00	\$ -
13.62	Roadwatch ambient air temp gauge for outside and road temps with display on dash panel		\$ 1,081.00	\$ -
13.63	5lb fire extinguisher between LH seat base and door with valve aimed rearward	1	\$ 66.00	\$ 66.00
13.64	Reflector kit parallel to inside of rider base seat	1	\$ 27.00	\$ 27.00
13.65	Air conditioning blend air HVAC with ATC temp regulation		\$ 81.00	\$ -
13.66	Air conditioning blend air HVAC with ATC temp regulation & APADS		\$ 226.00	\$ -
13.67	Air conditioning with air conditioning protection & diagnostic system (APADS)		\$ 132.00	\$ -
13.68	Cab cleanout - includes in cab pneumatic line		\$ 46.00	\$ -
13.69	40 Channel CB Radio, 10 channel weather		\$ 205.00	\$ -
13.70	48" Radio antenna right side mirror mounted		\$ 4.00	\$ -
13.71	48"CB Antenna left side mirror mounted		\$ 38.00	\$ -
13.72	CB hot jacks mounted on the dash and in header console		\$ 17.00	\$ -
13.73	CB mounting in console & external speakers		\$ 107.00	\$ -
13.74	Auto shutoff for radio when truck is in reverse		\$ 47.00	\$ -
13.75	Exhaust pyrometer & transmission oil temperature gauges		STD	

AMENDMENT #1 FOR 2010 MODELS TA

ELS

Spec #	Description	Qty	Price	Subtotal
13.76	Exhaust pyrometer, transmission oil temperature, manifold pressure and air application gauges	1	\$ 75.00	\$ 75.00
13.77	Exhaust pyrometer, transmission oil temperature, manifold pressure and air application gauges, Air Suspension		\$ 100.00	\$ -
13.78	Rear Axle temperature gauge		\$ 91.00	\$ -
13.79	Red floor lighting w/switch plus (4) door lamps w/switches		\$ 103.00	\$ -
13.80	Interior storage console mounted on floor between seats w/12 volt power outlet		\$ 308.00	\$ -
13.81	Bodybuilder interior console mounted to floor between seats		\$ 209.00	\$ -

14.0 MN/DOT OPTIONS:

14.10	Additional warranty coverage per spec 12.9			\$ -
14.20	Engine Plan 1 60 months 250,000 miles		\$ 1,200.00	\$ -
14.30	Engine Plan 1 72 months 250,000 miles		\$ 2,200.00	\$ -
14.40	Engine Plan 1 84 months 250,000 miles		\$ 2,520.00	\$ -
14.50	Engine Plan 1 60 months 250,000 miles - HP over 460 horses		\$ 2,000.00	\$ -
14.60	Engine Plan 1 72 months 250,000 miles - HP over 460 horses		\$ 3,300.00	\$ -
14.70	Engine Plan 1 84 months 250,000 miles - HP over 460 horses		\$ 3,800.00	\$ -
14.80	Engine Plan 2 60 months 250,000 miles		\$ 1,900.00	\$ -
14.90	Engine Plan 2 72 months 250,000 miles		\$ 3,800.00	\$ -
14.10	Engine Plan 2 84 months 250,000 miles	1	\$ 4,300.00	\$ 4,300.00
14.11	Engine Plan 2 60 months 250,000 miles - HP over 460 horses		\$ 2,950.00	\$ -
14.12	Engine Plan 2 72 months 250,000 miles - HP over 460 horses		\$ 5,675.00	\$ -
14.13	Engine Plan 2 84 months 250,000 miles - HP over 460 horses		\$ 6,450.00	\$ -
14.14	Engine after-treatment systems (EATS) 60 months 250,000 miles		\$ 675.00	\$ -
14.15	Engine after-treatment systems (EATS) 72 months 250,000 miles		\$ 825.00	\$ -
14.16	Engine after-treatment systems (EATS) 84 months 250,000 miles	1	\$ 950.00	\$ 950.00
14.17	M-Drive Transmission 48 months 500,000 miles		\$ 971.00	\$ -
14.18	M-Drive Transmission 60 months 500,000 miles		\$ 2,067.00	\$ -
14.19	M-Drive HD Transmission 48 months 250,000 miles		\$ 775.00	\$ -
14.20	M-Drive HD Transmission 60 months 250,000 miles		\$ 1,150.00	\$ -
14.21	M-Drive Clutch 48 months 250,000		\$ 395.00	\$ -
14.22	M-Drive Clutch 60 months 250,000		\$ 695.00	\$ -
14.23	HVAC (Air Conditioning) 60 months		\$ 600.00	\$ -
14.24	Starter 60 months 300,000 miles		\$ 203.00	\$ -
14.25	Alternator 60 months 300,000 miles		\$ 231.00	\$ -
14.26	Starter & Alternator 60 months 300,000 miles		\$ 315.00	\$ -

For Prebuild and Pilot meets See RFP special Terms and conditions

14.27	Prebuild specification meeting (per person) to be held in St. Paul/Minneapolis area.		\$ 1.00	\$ -
14.28	Pilot inspection meeting (per person).		\$ 900.00	\$ -

15.0 TRAILER TOW OPTIONS:

15.1	Trailer tow package extended to rear of frame		\$ 317.00	\$ -
15.2	Trailer package extend to rear of frame per Spec 12.12		\$ 417.00	\$ -
15.3	Single 7 pin SAE type, end of frame		\$ 117.00	\$ -

Spec #	Description	Qty	Price	Subtotal
15.4	Dual 7 pins standard SAE type, end of frame (1) for trailer with electric brakes, (1) for trailer with air brakes		\$ 158.00	\$ -
15.5	Hand control valve for trailer brakes		\$ 47.00	\$ -
16.0	MANUALS / TRADE-IN INTEREST FEE:			
16.1	Percent interest per month (non-compounding) on unpaid cab & chassis balance. Applies only to CPV Members. (Payable after trade-in is delivered to vendor). Percentage/per month. SEE Special Terms and Conditions re interest to State agencies.		\$ 1.50	\$ -
16.2	Manuals in print form, parts repair and service, per set		\$ 900.00	\$ -
16.3	Manuals in CD form, parts repair and service, per set		\$ 500.00	\$ -
16.4	Premium Tech Tool		\$ 3,200.00	\$ -
17.0	Delivery Charges:			
17.1	Price per loaded mile Starting Point Roseville, MN 55113		\$ 2.00	\$ -
18.0	Maintence/ Body Shop Labor Rates Per Hour			
18.1	Rate for Initial Inspection/Diagnostoce		\$ 148.00	\$ -
18.2	Rate for Mechanical Work		\$ 148.00	\$ -
18.3	Rate for Body Work		\$ 148.00	\$ -
19.0	Quantity Discounts:			
	Enter the number of units that must be purchased and the corresponding discount offered to the purchaser. More than one quantity discount may be entered.			
20	Next Model Year Upcharges			
	Enter the following Production Model Year here >>>>>>>>>		2024	
20.1	Percentage Upcharge for the following Model Year: 2023	1	1.50%	\$ 1,949.40
20.2	Percentage Upcharge for the following Model Year: 2024	1	1.50%	\$ 1,949.40
20.3	2023MY Shipping Surcharge	1	\$ 250.00	\$ 250.00
20.4	2023MY Material Surcharges	1	\$ 7,500.00	\$ 7,500.00
20.5	2024MY Material Surcharge	1	\$ 4,000.00	\$ 4,000.00

Total Cost: \$ 145,608.80



TOWMASTER, 61381 US HWY 12, LITCHFIELD, MN 55355
 PH: 320-693-7900 FX: 320-693-7921 TF: 800-462-4517
 TOWMASTERTRUCK.COM

Reference No.
 QT 78423

** QUOTATION **

Ship To:	Cust: 3538	Phone:	Bill To:	Phone:
LAKE ELMO, CITY OF			LAKE ELMO, CITY OF	
3880 LAVERNE AVE NORTH			3880 LAVERNE AVE NORTH	
LAKE ELMO	MN 55042	USA	LAKE ELMO	MN 55042

ATTN: MARTY POWERS

PO#	Salesman	Terms	Created	Last Revised	Appx Comp
	TIM ERICKSON	NET 30 DAYS	3/20/23	3/20/23	

Serial No.	
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Order Comments:	**STATE OF MN CONTRACT
	#222949 - - VALID ON
	ORDERS PLACED BY
	8/31/23**

Build Instructions F.O.B. LITCHFIELD, MN -OR- CUSTOMER LOCATION W/FUEL CHARGES

Qty	Part No.	Description	Price Ea.	Net Amt.
1	9900140	- Body 14'6" EDGE-RS/CS-56-46-46 - - 56" 7ga Stainless Front w/CS hoist doghouse, 46" 7ga Stainless radius sides (no pockets), 46" 7ga Stainless w/Hardox 450 face Tailgate, 1/4" Hardox-450 Floor, 8" I-Beam Longsills, Air-trip ready linkage, Underside Black	\$27,078.00	\$27,078.00
1	9901701	- Installation of Dump Body to hoist	\$2,262.00	\$2,262.00
1	9900145	- Body acc'y TMTE Air trip kit, w/solenoid valve,	\$399.00	\$399.00
1	9901702	- Installation of air operated tailgate latch kit, with solenoid valve in hydraulic valve enclosure.	\$425.00	\$425.00
1	9900147	- Body acc Box Vibrator - Cougar model DC3200	\$796.00	\$796.00
1	9901703	- Installation of Box Vibrator, with solenoid located in hydraulic valve enclosure.	\$496.00	\$496.00
1	9900156	- Cabshield, 1/2 type Stationary Free-Standing style,w/plain STAINLESS STEEL canopy, Hot-Dipped Galvanized tubing construction support stand, Slotted Center Viewing Window, (2) shovel holders, & reservoir mounts, Installed.	\$4,551.00	\$4,551.00
1	9900207	- Ladder Flip-A-Way Access ladder (STAINLESS STEEL) Including Grab Handle above, and Interior Step, ea, Installed SPECIFY LOCATION HERE: LH Front area	\$827.00	\$827.00
2	9900211	- Body acc'y Dual "split" sander manifolds in rear corner posts	\$534.00	\$1,068.00

--- Continued ---

Accepted by

Date

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Total Discounts:

Net Cost:

Freight

Total:



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	TIM ERICKSON	NET 30 DAYS	3/20/23	3/20/23	

Serial No.

****NOTE: Dual spinner sander application**

1 9904963 - Light Warning TMTE1SSM-3 PKG: 1/2 A 1/2 B, (2) SS 23H	\$5,111.00	\$5,111.00
3-light LED Micro-Edge, 2) 5M-400 Super-LED, (2) Side TIR3 LED, (2		
) 400 Max B-T-T LED, & (2) 400 LED BU Lights, in Stainless M		
Housings, (1) TIR3 LED Wing light, and (2) 4" LED work lights		
Installed **NOTE: 1. INSTALL STROBE TUBE UPSIDE DOWN. 2. INSTALL		
FLOOD PATTERN LENSE IN WING LIGHT IN LIEU OF SPOT PATTERN.		
1 9905778 - Light Mirror Mt, ABL 3800 LED HEAD LAMP PLOW LIGHTS W/ICE	\$1,506.00	\$1,506.00
MELTING TECHNOLOGY, Installed		
1 9902519 - Light WHELEN MICRO PIONEER spot light, Installed	\$820.00	\$820.00
**NOTE: Forward Facing on RH Cabshield Strobe Tube, for FOG LINE		
applicatio		
1 9900259 - Light acc'y LED work light with disconnect Installed	\$589.00	\$589.00
**NOTE: RH Sander Spinner Work Light Application		
1 9900267 - Fender set Minimizer M400, for Tandem Axle, black Poly,	\$1,811.00	\$1,811.00
Installed		
1 1965280 - Minimizer FKMACK2B Floor Mat Set for TDM and SGL	\$249.00	\$249.00
1 9900283 - Spillshield 12" bolt-on, bolt-together, 1/4", painted	\$650.00	\$650.00
Carbon Steel & fitted to body via sander brkts, shipped loose		
1 9900292 - Tool Box PRO-TECH Alum 22" x 20" x 12" tool box & Brackets	\$1,381.00	\$1,381.00
Installed (no step)		
1 9900970 - Tire Chains ON-SPOT for 1 Axle Installed	\$4,112.00	\$4,112.00
**NOTE: INSTALLED ON FRONT DRIVE AXLE		

--- Continued ---

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Date

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ATTN: MARTY POWERS

PO#	Salesman	Terms	Created	Last Revised	Appx Comp
	TIM ERICKSON	NET 30 DAYS	3/20/23	3/20/23	

Serial No.	Qty	Part No.	Description	Price Ea.	Net Amt.
	1	9900950	- Hamsar dual wiper system shaker kit installed	\$434.00	\$434.00
	1	9904691	- INSTALLATION of Initial camera system	\$426.00	\$426.00
			**NOTE: Mounted on RH Cabshield Strobe Tube, For Wing Operation, wired as default.		
	2	9904692	- Camera System option, NORTECH 9100-2HC 120 degree night vision CCD weather-proof HEATED camera, only	\$182.00	\$364.00
	2	9904693	- Camera System option, NORTECH 9100-4 Harness, 65' Waterproof	\$118.00	\$236.00
	1	9904694	- INSTALLATION of extra Camera, & Harness	\$213.00	\$213.00
			**NOTE: FOR REVERSE VIEWING, QUED TO REVERSE SIGNAL. MOUNTED ON LH REAR CORNERPOST (STREET SIDE).		
	1	1941405	- Camera Guard, SS, Bolt-On	\$43.00	\$43.00
	1	9905502	- PreCise ARC Sensor Mount #1126929, only	\$60.00	\$60.00
	1	9905835	- PreCise ARC Sensor #1117640, only, for Wireless GEN 5 CONTROLLER Applications (LESS MTG BRKT), installed	\$734.00	\$734.00
	1	9900297	- Pre-Wet Towmaster/Varitech LDS-TMR-190-EGF Body Side Mt Sys for Elliptical body. (2) 95 gal tanks, mtg hardware, plumbi	\$5,395.00	\$5,395.00
	1	9902483	- Installation of TMR pre-wet system (New Towmaster Body)	\$1,275.00	\$1,275.00
	1	9903688	- PREWET DUAL SPINNER KIT INSTALLED	\$777.00	\$777.00
	1	9900317	- Hoist Towmaster/MAILHOT CS130-5.5-3 DOUBLE ACTING	\$5,034.00	\$5,034.00
	1	9901711	- Installation of Telescopic DOUBLE acting hoist	\$1,335.00	\$1,335.00
			----	Continued	----

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ATTN: MARTY POWERS

PO#	Salesman	Terms	Created	Last Revised	Appx Comp
	TIM ERICKSON	NET 30 DAYS	3/20/23	3/20/23	
Serial No.					

1 9900311 - Hoist TMTE 48" Stabilizer	\$2,619.00	\$2,619.00
1 9902503 - Installation of TMTE Stabilizer & Safety Props	\$675.00	\$675.00
1 9902924 - Scraper FALLS IB-10A 1" MB, w/single lift cylinder W/12" bolt-on extension (11' total), LESS CUTTING EDGES	\$9,449.00	\$9,449.00
1 9903276 - VBL PolarFlex 3' Underchassis Complete System (includes bolts & nuts)	\$865.00	\$865.00
2 9903277 - VBL PolarFlex 4' Underchassis Complete System (includes bolts & nuts)	\$1,154.00	\$2,308.00
1 9901705 - Installation of underbody fixed angle scraper w/single lift cylinder	\$3,546.00	\$3,546.00
1 9904232 - Scraper FORCE Up Charge Electric pressure transmitter to read on LCD screen installed	\$429.00	\$429.00
1 9900351 - Scraper FORCE reverse/Auto-Lift system, ADD-A-FOLD valve, installed	\$523.00	\$523.00
1 9902948 - Wing Falls RHSDL10A-HYDPB Primed LESS CUTTING EDGES	\$13,978.00	\$13,978.00
1 9902856 - VBL 3/4" x 6" - 10' Carbon Steel Snow Blade	\$248.00	\$248.00
1 9900388 - Installation Falls SDL Series Wing - w/Bulkhead Couplers	\$6,173.00	\$6,173.00
1 9901431 - Wing Falls RL (REAR LIFT) up charge SDL WING	\$597.00	\$597.00
1 9904688 - Wing Falls POST-LESS Toe Lift in lieu of Std Front post/slide system		

--- Continued ---

Accepted by

Date

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3880 LAVERNE AVE NORTH				3880 LAVERNE AVE NORTH	
LAKE ELMO		MN 55042	USA	LAKE ELMO	MN 55042

ATTN: MARTY POWERS

PO#	Salesman	Terms	Created	Last Revised	Appx Comp
	TIM ERICKSON	NET 30 DAYS	3/20/23	3/20/23	
Serial No.					

1 9900479 - Wing Falls Gloss Black - Paint Moldboard	\$430.00	\$430.00
1 9900555 - Plow Hitch Falls 44XB2/STD/STD/SA/SPR-RET/HITCH	\$4,145.00	\$4,145.00
1 9900589 - Installation Falls Plow Hitch - 40 Series 3Line/STDBLKHD	\$2,432.00	\$2,432.00
1 9903057 - Plow Falls PR1243/SPR-TRP/NOSHU/PRI-E1/10GA LESS CUTTING EDGES	\$9,078.00	\$9,078.00
1 9900681 - Plow Falls Gloss Black Paint, Rev Plow, w/installation	\$570.00	\$570.00
1 9902858 - VBL 3/4" x 6" - 12' Carbon Steel Snow Blade **NOTE: Plow Application	\$297.00	\$297.00
1 9900625 - Plow Push Unit Falls 24/44 Series Std	\$1,213.00	\$1,213.00
1 9900637 - Plow Falls High Visibility Marker Set	\$142.00	\$142.00
1 9900639 - Plow Falls Rubber Belt Deflector Kit - Installed	\$471.00	\$471.00
1 SPECIAL REQUEST - Special Request Charges for: RELOCATE/REINSTALL (OEM SUPPLIED) REAR TOW HOOKS ON REAR FRAME RAILS, AFTER HINGE POINT INSTALLATION, FOR TOW STRAP SECUREMENT.	\$300.00	\$300.00
1 9900996 - Sander Falls 1ASD-6CDSS-6P-1D-2S-LM Salt Special 6", Stainless Steel Unit, LH & RH Discharge, Dual Poly Spinner Ass'y, w/uni-directional reversible auger (includes extra salt shield)	\$7,922.00	\$7,922.00
1 9901722 - Sander Install dual spinner w/uni-directional reversible auger & dual manifolds RH & LH rear	\$1,608.00	\$1,608.00
1 9900814 - Sander Falls Stainless Steel (optional) salt shield	\$195.00	\$195.00

--- Continued ---

Accepted by

Date

Price:

Total Discounts:

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Total:



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	TIM ERICKSON	NET 30 DAYS	3/20/23	3/20/23	

Serial No.

****NOTE: For RH outlet**

1 9900823 - Sander TMTE Exterior (removable) sander/tailgate spill plates, Stainless Steel	\$840.00	\$840.00
1 9901728 - Sander Install Cross Conveyer	\$1,699.00	\$1,699.00
**NOTE: CUSTOMER SUPPLIED (USED) UNIT, TO BE FITTED TO THIS TRUCK.		
1 9900851 - Valve System, Force Add-A-Fold MCV-ISO Valve 9 Functions , INSTALLED	\$16,586.00	\$16,586.00
**NOTE: Box Hoist, Plow Lift, Plow Angle, Wing Toe, Wing Heel, Wing Push-Bar, Scraper Lift, Auger R/L, Spinner R/L		
1 9902497 - Control System Force ULTRA-4-6100 Commander control, Installed	\$14,720.00	\$14,720.00
1 9900882 - Reservoir TMTE Cabshield mt (stainless steel) w/intank filter INCLUDED, installed	\$4,641.00	\$4,641.00
1 9900888 - Pump Force FASD45L LS (6 ci) installed	\$6,015.00	\$6,015.00
1 9900871 - Switch TMTE BODY UP Installed (electric controls only)	\$258.00	\$258.00
1 9900884 - Sensor Force Low oil indicator system, SLIM-LINE AND CABSHIELD MOUNTED w/light mounted in cab, installed	\$317.00	\$317.00
1 9905014 - Hydraulic Valve Hose Guard installed	\$389.00	\$389.00
1 WARRANTY - TOWMASTER EXCLUSIVE WARRANTY: 5 yr Steel/Stainless Steel Body Structure; 5 yr Whelen LED Light Systems; 4 yr SwapLoader Hoists; 2 yr Hyd, Snow Equip, Tele Hoists, and all other oists; 4 yr SwapLoader Hoists; 2 yr Hyd, Snow Equip, Tele		

--- Continued ---

Accepted by

Date

Price:

Total Discounts:

Net Cost:

Freight

Total:



TOWMASTER, 61381 US HWY 12, LITCHFIELD, MN 55355
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PO#	Salesman	Terms	Created	Last Revised	Appx Comp
	TIM ERICKSON	NET 30 DAYS	3/20/23	3/20/23	

Serial No.	
Hoists, and all other items items	

Accepted by

Date

SIGN HERE

Price: \$186,135.00

Total Discounts:

Net Cost: \$186,135.00

Freight

Total: \$186,135.00