



MAYOR AND COUNCIL COMMUNICATION

DATE: 11/15/2016

CONSENT

ITEM #: 22

AGENDA ITEM: Purchase of Single Axle Dump Truck/Snow Plow

SUBMITTED BY: Rob Weldon, Public Works Director

THROUGH: Kristina Handt, City Administrator

REVIEWED BY: Cathy Bendel, Finance Director
Lake Elmo Finance Committee

BACKGROUND:

The City of Lake Elmo Public Works Department utilizes a fleet of 9 vehicles to remove snow and salt over 140 lane miles of city streets on snow events. The fleet consists of pick-ups, loaders and single axle dump trucks. Of these vehicles, there is 1986 dump truck that is in service and in need of replacement due to age and maintenance issues. This unit is not equipped with a front plow or wing and the salting equipment is not calibrated with ground control sensors which cause excess salt to be applied to roads. This truck is only used to salt behind the loaders and covers 40 miles of road for this single use.

The Finance Committee reviewed this item at their 11/9/16 meeting and unanimously recommends this truck be ordered/purchased.

ISSUE BEFORE COUNCIL:

Respectfully consider moving forward with the purchase and building of a 2017 single axle dump/plow truck as outlined in the 2017 CIP. Current build out and delivery date is anticipated to be in late July of 2017. With that deliver date, public works will have the ability to put the new unit in service before the start of the 2017-2018 winter weather season.

PROPOSAL DETAILS/ANALYSIS:

Proceeding with this purchase will benefit the city and its citizens by replacing an aged truck with very limited capabilities with a new truck that is fully capable of handling all aspects of snow and ice control. Additionally, public works will be able to modify its plow routes in a way that will not only retire the 1986 truck, but also eliminate a loader that is used to plow and does not have capabilities to salt, thus increasing overall efficiency.

Staff researched if there might be any used equipment out in the marketplace which would fit the needs of the department. None were found that were reasonably priced.

FISCAL IMPACT:

The overall purchase price of the truck shall not exceed \$230,000. This amount includes purchase of a Mack chassis along with taxes and title fees. Also, as part of this price, is the body of the truck being built and assembled by Towmaster. Body components include plows, box, salting and hydraulic equipment. Once built this truck will be nearly identical to the 2014 Mack Dump/Plow truck purchase.

The Finance Committee recommended determining the specific funding during the 2017 bonding cycle as there may be excess reserves available to reduce or eliminate incurring additional debt and bond issuance costs.

The 1986 dump truck will be sold once the new truck is in operation.

OPTIONS:

Approve purchase of truck.

Deny purchase of truck.

Table purchase of truck.

RECOMMENDATION:

Staff respectfully recommends moving forward with the 2017 CIP purchase of a new single axle Dump Truck / Snow Plow to be put into service prior to winter 2017-2018.

“Move to approve the purchase of a 2017 Mack Single Axle Chassis and Towmaster snow equipment as indicated in 2017 CIP for an amount not to exceed \$230,000”

ATTACHMENTS:

- Mack Chassis Specs. (State Bid)
- Mack Purchase Agreement
- Towmaster body spec. (State Bid)

VENDOR NAME NUSS TRUCK & EQUIPMENT

MAKE AND MODEL 2016 MACK GU812 AF SINGLE

This section for use when ordering

WB	165>	Grand Total \$ 108,375.00
CA	99"	
AF	62"	
Rear Ratio	4.3	
Cab Color	GREEN	
Wheel Color	BLACK	
Notes	LAKE ELMO - M770 REAR TIRES	

Spec #	Description	Qty	Price	Subtotal
1.0	Price for base unit:	1	\$ 77,913.00	\$ 77,913.00
2.0	FRAME OPTIONS			
2.1	Front frame extension	1	\$ 848.00	\$ 848.00
2.2	Custom hole punching in frame		\$ 150.00	\$ -
2.3	Deduct for no front bumper		\$ (10.00)	\$ -
2.4	Frame fastener option (bolt or huck spun)	1	STD	
2.5	Frame, R.B.M., S.M., PSI, CA			\$ -
2.6	2,120,000 17.7 120,000 87 - 112 CA		\$ (70.00)	\$ -
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		\$ 102.00	\$ -
2.9	2,120,000 17.7 120,000 153 - 199 CA		\$ 216.00	\$ -
2.10	2,120,000 17.7 120,000 200 - 236 CA		\$ 314.00	\$ -
2.11	2,470,000 20.6 120,000 87 - 112 CA		\$ 154.00	\$ -
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		\$ 337.00	\$ -
2.14	2,470,000 20.6 120,000 153 - 199 CA		\$ 436.00	\$ -
2.15	2,470,000 20.6 120,000 200 - 236 CA		\$ 534.00	\$ -
2.16	2,820,000 23.5 120,000 87 - 112 CA	1	\$ 473.00	\$ 473.00
2.17	2,820,000 23.5 120,000 113 - 133 CA		\$ 558.00	\$ -
2.18	2,820,000 23.5 120,000 134 - 152 CA		\$ 655.00	\$ -
2.19	2,820,000 23.5 120,000 153 - 199 CA		\$ 754.00	\$ -
2.20	2,820,000 23.5 120,000 200 - 236 CA		\$ 852.00	\$ -
2.21	3,160,000 26.3 120,000 87 - 112 CA		\$ 650.00	\$ -
2.22	3,160,000 26.3 120,000 113 - 133 CA		\$ 737.00	\$ -
2.23	3,160,000 26.3 120,000 134 - 152 CA		\$ 833.00	\$ -
2.24	3,160,000 26.3 120,000 153 - 199 CA		\$ 932.00	\$ -
2.25	3,160,000 26.3 120,000 200 - 236 CA		\$ 1,030.00	\$ -
	DOUBLE FRAME - PARTIAL IC REINFORCEMENT			
2.26	3,230,000 26.9 120,000 87 - 112 CA		\$ 411.00	\$ -
2.27	3,230,000 26.9 120,000 113 - 133 CA		\$ 497.00	\$ -
2.28	3,230,000 26.9 120,000 134 - 152 CA		\$ 595.00	\$ -
2.29	3,230,000 26.9 120,000 153 - 199 CA		\$ 693.00	\$ -

Spec #	Description				Qty	Price	Subtotal
2.30	3,230,000	26.9	120,000	200 - 236 CA		\$ 791.00	\$ -
2.31	3,580,000	29.8	120,000	87 - 112 CA		\$ 631.00	\$ -
2.32	3,580,000	29.8	120,000	113 - 133 CA		\$ 717.00	\$ -
2.33	3,580,000	29.8	120,000	134 - 152 CA		\$ 814.00	\$ -
2.34	3,580,000	29.8	120,000	153 - 199 CA		\$ 913.00	\$ -
2.35	3,580,000	29.8	120,000	200 - 236 CA		\$ 1,011.00	\$ -
2.36	3,920,000	32.7	120,000	87 - 112 CA		\$ 949.00	\$ -
2.37	3,920,000	32.7	120,000	113 - 133 CA		\$ 1,035.00	\$ -
2.38	3,920,000	32.7	120,000	134 - 152 CA		\$ 1,132.00	\$ -
2.39	3,920,000	32.7	120,000	153 - 199 CA		\$ 1,232.00	\$ -
2.40	3,920,000	32.7	120,000	200 - 236 CA		\$ 1,329.00	\$ -
2.41	4,260,000	35.5	120,000	87 - 112 CA		\$ 1,127.00	\$ -
2.42	4,260,000	35.5	120,000	113 - 133 CA		\$ 1,213.00	\$ -
2.43	4,260,000	35.5	120,000	134 - 152 CA		\$ 1,310.00	\$ -
2.44	4,260,000	35.5	120,000	154 - 199 CA		\$ 1,409.00	\$ -
2.45	4,260,000	35.5	120,000	200 - 236 CA		\$ 1,506.00	\$ -
	DOUBLE FRAME - FULL IC REINFORCEMENT						
2.46	3,230,000	26.9	120,000	87 - 112 CA		\$ 662.00	\$ -
2.47	3,230,000	26.9	120,000	113 - 133 CA		\$ 748.00	\$ -
2.48	3,230,000	26.9	120,000	134 - 152 CA		\$ 845.00	\$ -
2.49	3,230,000	26.9	120,000	153 - 199 CA		\$ 944.00	\$ -
2.50	3,230,000	26.9	120,000	200 - 236 CA		\$ 1,042.00	\$ -
2.51	3,580,000	29.8	120,000	87 - 112 CA		\$ 883.00	\$ -
2.52	3,580,000	29.8	120,000	113 - 133 CA		\$ 968.00	\$ -
2.53	3,580,000	29.8	120,000	134 - 152 CA		\$ 1,065.00	\$ -
2.54	3,580,000	29.8	120,000	153 - 199 CA		\$ 1,164.00	\$ -
2.55	3,580,000	29.8	120,000	200 - 236 CA		\$ 1,262.00	\$ -
2.56	4,260,000	35.5	120,000	87 - 112 CA		\$ 1,299.00	\$ -
2.57	4,260,000	35.5	120,000	113 - 133 CA		\$ 1,446.00	\$ -
2.58	4,260,000	35.5	120,000	134 - 152 CA		\$ 1,606.00	\$ -
2.59	4,260,000	35.5	120,000	153 - 199 CA		\$ 1,205.00	\$ -
2.60	4,260,000	35.5	120,000	200 - 236 CA		\$ 2,009.00	\$ -
	TRIPLE FRAME - FULL IC REINFORCEMENT						
2.61	5,688,000	47.4	120,000	87 - 112 CA		\$ 3,815.00	\$ -
2.62	5,688,000	47.4	120,000	113 - 133 CA		\$ 3,900.00	\$ -
2.63	5,688,000	47.4	120,000	134 - 152 CA		\$ 3,896.00	\$ -
2.64	5,688,000	47.4	120,000	153 - 199 CA		\$ 4,096.00	\$ -
2.65	5,688,000	47.4	120,000	200 - 236 CA		\$ 4,194.00	\$ -
2.66	Flush bright finish channel steel					\$ 109.00	\$ -
2.67	Extended stylized-silver-bright finish steel w/stone guard					\$ 1,439.00	\$ -
2.68	Extended stylized-silver-painted steel w/stone guard					\$ 1,141.00	\$ -
2.69	Extended - swept back steel with stone guard - includes center tow pin					\$ 774.00	\$ -
2.70	includes center tow pin					\$ 1,095.00	\$ -
2.71	Mill finish, flush mounted, unpainted aluminum					\$ 66.00	\$ -
2.72	Stainless steel clad aluminum flush mounted					\$ 324.00	\$ -
2.73	Extended swept back channel steel with bright finish w/painted					\$ 596.00	\$ -

Spec #	Description	Qty	Price	Subtotal
2.74	Extended swept back steel channel w/bright finish		\$ 248.00	\$ -
2.75	Extended swept back painted steel		STD	
2.76	Plate type radiator guard		\$ 101.00	\$ -
2.77	Bright finish plate type radiator guard		\$ 248.00	\$ -
2.78	Tectyl 185 GW pigmented compound between frame rails		\$ 110.00	\$ -

3.0 FRONT AXLE/SUSPENSION/BRAKE/OPTION

3.1	Set back front axle option	1	STD	
3.2	14,600 front axle & matching suspension - Mack FXL14.6		\$ 742.00	\$ -
3.3	16,000 front axle and matching suspension - Mack FXL18		\$ 1,347.00	\$ -
3.4	18,000 front axle and matching suspension - Mack FXL18	1	\$ 1,336.00	\$ 1,336.00
3.5	20,000 front axle and matching suspension - Mack FXL20		\$ 2,471.00	\$ -
3.6	23,000 front axle and matching suspension - Mack FXL23		\$ 2,712.00	\$ -
3.7	Heavy duty front axle shocks	1	STD	
3.8	Front brake dust shields	1	\$ 17.00	\$ 17.00
3.9	Dual front auxiliary steering gear		\$ 857.00	\$ -
3.10	RH spring build up for wing plow application		\$ 25.00	\$ -
3.11	LH spring build up for wing plow application		\$ 25.00	\$ -
3.12	All wheel drive front axle		\$ 43,000.00	\$ -
3.13	Twin Steer Front Axle		\$ 10,251.00	\$ -
3.14	Aluminum front hubs		\$ 51.00	\$ -
3.15	Centerfuse outboard mounted brake drums		\$ 209.00	\$ -
3.16	Multileaf front spring ILO taperleaf (2 leaf spring)		\$ 34.00	\$ -
3.17	HD multileaf front spring ILO taperleaf (2 leaf spring)		\$ 63.00	\$ -
3.18	HD taperleaf (3 leaf spring) ILO of taperleaf (2 leaf spring)	1	\$ 63.00	\$ 63.00
3.19	Air Disc Brakes requires Meritor rear brakes		\$ 1,486.00	\$ -
3.20	Meritor front slack adjustors - Need same slack on rear axle		\$ 1.00	\$ -
3.21	Haldex front slack adjustors - Need same slack adjustor on rear axle	1	STD	
3.22	Meritor front brakes - Need to match same brakes with rear axle	1	\$ 126.00	\$ 126.00

4.0 4.0 SINGLE REAR AXLE/SUSPENSION/BRAKE/OPTIONS

4.1	21,000# rear axle and matching suspension		\$ (353.00)	\$ -
4.2	21,000# driver differential locking rear axle and matching suspension		\$ 113.00	\$ -
4.3	23,000# rear axle and matching suspension		\$ (388.00)	\$ -
4.4	23,000# driver differential locking rear axle and matching suspension		\$ 78.00	\$ -
4.5	26,000 # rear axle and matching suspension		\$ 2,686.00	\$ -
4.6	26,000 # driver differential locking rear axle and matching suspension		\$ 3,152.00	\$ -
4.7	Meritor RS23160 rear axle and 26,000-31,000# rear suspension, driver diff. lock.		\$ 2,990.00	\$ -
4.8	23,000# air suspension in lieu of springs		\$ 755.00	\$ -
4.9	½ round universal joints	1	STD	
4.10	Spicer 1810 HD drive line with half round universal joints		\$ 75.00	\$ -
4.11	Rear brake dust shield	1	\$ 17.00	\$ 17.00
4.12	Meritor 18 MXL drive line with half round universal joints	1	\$ 40.00	\$ 40.00
4.13	Mack RA23R 23,000 lbs rear axle & suspension	1	STD	
4.14	30,000 lbs rear springs for Mack RA23R rear axle		\$ 400.00	\$ -

Spec #	Description	Qty	Price	Subtotal
4.15	Meritor RS-30-185 30,000 lbs driver differential locking rear axle & matching suspension		\$ 3,999.00	\$ -
4.16	Dana-Spicier S30-190 30,000 lbs driver differential locking rear axle & matching suspension		\$ 2,463.00	\$ -
4.17	Mack interwheel power divider		\$ 1,316.00	\$ -
4.18	Mack driver control differential lock		\$ 466.00	\$ -
4.19	Helper springs	1	\$ 127.00	\$ 127.00
4.20	Aluminum rear hubs		\$ 18.00	\$ -
4.21	Centerfuse outboard brake drums		\$ 99.00	\$ -
4.22	Meritor rear slack adjustors		\$ 1.00	\$ -
4.23	Haldex rear slack adjustors	1	STD	
4.24	Dana-spicier SPL170XL extended lube series		\$ 98.00	\$ -
4.25	Dana-spicier SPL250XL extended lube series		\$ 120.00	\$ -
4.26	Dana-spicier SPL250HDXL extended lube series		\$ 200.00	\$ -
4.27	Haldex "Life Seal"		\$ 1.00	\$ -
4.28	MGM MDL TR-T (Tamper Resistant Brake Chamber) reclock inlet ports for optimum ground clearance		\$ 43.00	\$ -
4.29	Haldex Gold Seal		\$ 4.00	\$ -
4.30	Meritor rear cam brakes 16.5" x 85/8" - notavailable with dust shields		\$ 143.00	\$ -
4.31	Meritor rear brakes	1	\$ 56.00	\$ 56.00
4.32	Trac Tech - No spin differential		\$ 1,055.00	\$ -
4.33	13,500 lbs Hendrickson steerable composilite HLUS-2 pusher axle - includes tires and rims		\$ 9,791.00	\$ -
4.34	10,000 lbs Hendrickson steerable composilite HLUS-2 pusher axle - includes tires and rims		\$ 9,791.00	\$ -
4.35	20,000 lbs Watson-Chalin steerable SL-2089 Thu Track Series pusher axle - includes tire and rims		\$ 12,381.00	\$ -
4.36	13,200 lbs Watson-Chalin steerable SL-1187 Thu Track Series pusher axle - includes tire and rims		\$ 10,173.00	\$ -
4.37	20,000 lbs Watson-Chalin non-steerable AL-2200 Atlas Series pusher axle - includes tire and rims		\$ 9,198.00	\$ -
4.38	20,000 lbs Hendrickson non - steerable composilite HLM pusher axle - includes tires and rims		\$ 9,091.00	\$ -
4.39	13,200 lbs Hendrickson steerable HLUS2Z pusher axle - includes tires and rims		\$ 9,791.00	\$ -
4.40	20,000 lbs Hendrickson Paralift HLP20 steerable pusher axle - includes tires and rims		\$ 11,192.00	\$ -
4.41	13,500 lbs Hendrickson steerable composilite HLUS-2 tag axle - includes tires and rims		\$ 9,791.00	\$ -
4.42	10,000 lbs Hendrickson steerable composilite HLUS-2 tag axle - includes tires and rims		\$ 9,791.00	\$ -
4.43	20,000 lbs Watson-Chalin steerable SL-2089 Thu Track Series tag axle - includes tire and rims		\$ 12,381.00	\$ -
4.44	13,200 lbs Watson-Chalin steerable SL-1187 Thu Track Series tag axle - includes tire and rims		\$ 10,173.00	\$ -
4.45	20,000 lbs Watson-Chalin non-steerable AL-2200 Atlas Series tag axle - includes tire and rims		\$ 9,198.00	\$ -
4.46	20,000 lbs Hendrickson non - steerable composilite HLM tag axle - includes tires and rims		\$ 9,091.00	\$ -
4.47	13,200 lbs Hendrickson steerable HLUS2Z tag axle - includes tires and rims		\$ 9,791.00	\$ -
4.48	20,000 lbs Hendrickson Paralift HLP20 steerable tag axle - includes tires and rims		\$ 11,192.00	\$ -

Spec #	Description	Qty	Price	Subtotal
5.0	INTENTIONALLY LEFT BLANK:			
6.0	TIRES/RIMS OPTIONS:			
6.1	Nylon wafers or wheel guards on all wheels (6 ea)		\$ 43.00	\$ -
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		STD	
6.4	11R 22.5 H front tires		\$ 106.00	\$ -
6.5	12R 22.5 H front tires		\$ 228.00	\$ -
6.6	9000 lb 22.5 9" front steel rims, 315/80R 22.5 J front tires		\$ 461.00	\$ -
6.7	10,000 lb 22.5 9" front steel rims, 315/80R 22.5 J front tires	1	\$ 493.00	\$ 493.00
6.8	10,500 lb 22.5 x 12.25 front steel rims, 385/65R 22.5 J front tires		\$ 769.00	\$ -
6.9	10,500 lb 22.5 x 12.25 front steel rims, 425/65R 22.5 J front tires		\$ 823.00	\$ -
6.10	11R 22.5 H rear tires		\$ 246.00	\$ -
6.11	7,300 lb 24.5" x 8.25" steel front rims		\$ 88.00	\$ -
6.12	7300 lb 24.5" x 8.25" rear steel rims		\$ 138.00	\$ -
6.13	8,000 lb 24.5" x 8.25" steel front rims		\$ 103.00	\$ -
6.14	8,000 lb 24.5" x 8.25" steel rear rims		\$ 186.00	\$ -
6.15	11R 24.5 G front tires		\$ 46.00	\$ -
6.16	11R 24.5 H front tires		\$ 56.00	\$ -
6.17	11R 24.5 G rear tires		\$ 286.00	\$ -
6.18	11R 24.5 H rear tires		\$ 1,892.00	\$ -
6.19	Steel spare rim, size 22.5 x 8.25		\$ 175.00	\$ -
6.20	Steel spare rim, size 24.5 x 8.25		\$ 185.00	\$ -
6.21	Steel spare rim, size 22.5 x 9.0		\$ 370.00	\$ -
6.22	Steel spare rim, size 22.5 x 12.25		\$ 470.00	\$ -
6.23	12R22.5 H front tires		\$ 639.00	\$ -
6.24	12R 22.5 H rear tires		\$ 1,016.00	\$ -
6.25	Wheel lugwrench - includes handle		\$ 47.00	\$ -
6.26	Aluminum front wheel - 22.5 x 8.25		\$ 123.00	\$ -
6.27	Aluminum front wheel - 24.5 x 8.25		\$ 144.00	\$ -
6.28	Aluminum front wheel - 22.5 x 9.0		\$ 373.00	\$ -
6.29	Aluminum front wheel - 22.5 x 12.25		\$ 422.00	\$ -
6.30	Polished aluminum front wheel		\$ 47.00	\$ -
6.31	Dura-bright bright finish front wheels		\$ 197.00	\$ -
6.32	Aluminum rear wheels - 22.5 x 8.25		\$ 257.00	\$ -
6.33	Aluminum rear wheels - 24.5 x 8.25		\$ 300.00	\$ -
6.34	Polished aluminum rear wheel two outboard of dual wheels		\$ 64.00	\$ -
6.35	Polished aluminum rear wheel all four (4) wheels		\$ 127.00	\$ -
6.36	Dura-bright bright finish on all four (4) rear wheels		\$ 642.00	\$ -
6.37	Dura-bright bright finish on all two (2) outboard rear wheels		\$ 321.00	\$ -

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		\$ 23.00	\$ -
7.3	Auto drain valves on air tanks		\$ 30.00	\$ -
7.4	MGM type TR-T rear brake chambers		\$ 51.00	\$ -
7.5	S.S. pins on slack adjuster yoke (2 ea per yoke) For all air brake chambers	1	\$ 123.00	\$ 123.00
7.6	Inverted rear brake chamber mounting in lieu of regular mounting		\$ 10.00	\$ -

Spec #	Description	Qty	Price	Subtotal
7.7	Relocate air dryer		\$ 200.00	\$ -
7.8	Bendix AD9 heated air dryer		\$ 114.00	\$ -
7.9	Bendix AD-IP heated air dryer		\$ 158.00	\$ -
7.10	Meritor/Wabco system twin heated air dryer		\$ 519.00	\$ -
7.11	Auto heated drain valve		\$ 40.00	\$ -
7.12	Aluminum air reservoirs		\$ 185.00	\$ -
7.13	Polished aluminum air reservoirs		\$ 242.00	\$ -
7.14	Increase air capacity for installation of extra axles		\$ 267.00	\$ -
7.14	Meritor/Wabco ABS system w/o automatic traction control		\$ 133.00	\$ -
7.15	Bendix ABS system with traction control	1	\$ 281.00	\$ 281.00
7.16	Meritor/Wabco ABS system w/auto traction control		\$ 364.00	\$ -
7.17	Lanyard control on supply wet tank		\$ 17.00	\$ -

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 MP7-345A, 345 HP @ 1500 - 1700 RPM, 1360 LB FT Max Torque @ 1100 - 1300 RPM		\$ 389.00	\$ -
8.2	Mack MP7-345C, 345 HP @ 1500 - 1700 RPM, 1360 LB FT Max Torque @ 1100 - 130 RPM		\$ 415.00	\$ -
8.3	Mack MP7-365C, 365 HP @ 1500 - 1700 RPM, 1460 LB FT Max Torque @ 1100 - 1200 RPM		\$ 783.00	\$ -
8.4	Mack MP7-395C, 395 HP @ 1500 - 1700 RPM, 1560 LB FT Max Torque @ 1100 - 1200 RPM		\$ 1,188.00	\$ -
8.5	Mack MP7-325M, 325 HP @ 1500 - 1900 RPM, 1200 LB FT Max Torque @ 1100 - 1300 RPM		STD	
8.6	Mack MP7-365M, 365 HP @ 1500 - 1900 RPM, 1340 LB FT Max Torque @ 1100 - 1300 RPM	1	\$ 734.00	\$ 734.00
8.7	Mack MP7-405M, 405 HP @ 1500 - 1900 RPM, 1480 LB FT Max Torque @ 1100 - 1300 RPM		\$ 1,284.00	\$ -
8.8	Mack MP8-415C, 415 HP @ 1500 - 1700 RPM, 1660 LB FT Max Torque @ 1100 - 1300 RPM		\$ 2,566.00	\$ -
8.9	Mack MP8-445C, 445 HP @ 1500 - 1760 RPM, 1760 LB FT Max Torque @ 1100 - 1300 RPM		\$ 3,110.00	\$ -
8.10	Mack MP8-505C, 505 HP @ 1500 - 1700 RPM, 1760 LB FT Max Torque @ 1100 - 1500 RPM		\$ 4,229.00	\$ -
8.11	Mack MP8-425M, 425 HP @ 1500 - 1900 RPM, 1570 LB FT Max Torque @ 1100 - 1300 RPM		\$ 2,744.00	\$ -
8.12	Mack MP8-455M, 455 HP @ 1500 - 1900 RPM, 1650 LB FT Max Torque @ 1100 - 1300 RPM		\$ 3,231.00	\$ -
8.13	Mack MP8-505M, 505 HP @ 1500 - 1900 RPM, 1760 LB FT Max Torque @ 1100 - 1500 RPM		\$ 4,370.00	\$ -
8.14	Clear Back of Cab - DPF & SCR Frame Mounted , RH Side under Cab	1	\$ 663.00	\$ 663.00
8.15	No Muffler, Single (R/S) Vertical Exhaust Cab Mounted, Lower Venturi Diffuser, Turned End		\$ 241.00	\$ -
8.16	No Muffler, Single (R/S) Vertical Exhaust Cab Mounted, Lower Venturi Diffuser, Plain End		\$ 241.00	\$ -
8.17	Single (R/S) Vertical Straight Exhaust Stack Plain End		\$ (22.00)	\$ -
8.18	Single (R/S) Vertical Straight Exhaust Stack Turned Out	1	STD	
8.19	Single (R/S) Vertical Straight Exhaust Stack Plain End Perf Stack Deffuser		\$ 31.00	
8.20	Single (R/S) Vertical Straight Exhaust Stack Plain End Side Outlet Deffuser		\$ 121.00	\$ -
8.21	Single (R/S) Vertical Straight Exhaust Stack Plain Top Outlet Deffuser		\$ 121.00	\$ -

Spec #	Description	Qty	Price	Subtotal
8.22	Dual Vertical Straight Exhaust Stack Plain End - N/A with Allison Transmission		\$ 1,025.00	\$ -
8.23	Dual Vertical Straight Exhaust Stack Turned Out End - N/A with Allison Transmission		\$ 1,050.00	\$ -
8.24	Dual Vertical Straight Exhaust Stack Plain Side Outlet Deffuser - N/A with Allison Transmission		\$ 1,449.00	\$ -
8.25	Dual Vertical Straight Exhaust Stack Plain Top Outlet Deffuser - N/A with Allison Transmission		\$ 1,449.00	\$ -
8.26	Single, Bright finish heat shield & stack	1	\$ 63.00	\$ 63.00
8.27	Dual, Bright finish heat shield & stack		\$ 125.00	\$ -
8.28	Single, Bright finish heat shield, stack & elbow		\$ 156.00	\$ -
8.29	Dual, Bright finish heat shield, stack & elbow		\$ 331.00	\$ -
8.30	Single, Bright finish stack only		\$ 48.00	\$ -
8.31	Dual, Bright finish stack only		\$ 95.00	\$ -
8.32	Single, Bright finish lower elbow & stack		\$ 142.00	\$ -
8.33	Dual, Bright finish lower elbow & stack		\$ 283.00	\$ -
8.34	Single, Bright finish heat shield only		\$ 15.00	\$ -
8.35	Dual, Bright finish heat shield only		\$ 30.00	\$ -
8.36	Bright finish stainless steel heat shield for frame mounted Mack Cap DPF		\$ 164.00	\$ -
8.37	50 Gallon LH steel 22" Dia fuel tank		STD	
8.38	66 Gallon LH steel 22" Dia fuel tank		\$ 26.00	\$ -
8.39	88 Gallon LH steel 22" Dia fuel tank		\$ 299.00	\$ -
8.40	116 Gallon LH steel 22" Dia fuel tank		\$ 355.00	\$ -
8.41	50 Gallon LH aluminum 22" Dia fuel tank		\$ 65.00	\$ -
8.42	66 Gallon LH aluminum 22" Dia fuel tank		\$ 88.00	\$ -
8.43	88 Gallon LH aluminum 22" Dia fuel tank		\$ 363.00	\$ -
8.44	116 Gallon LH aluminum 22" Dia fuel tank		\$ 423.00	\$ -
8.45	50 Gallon LH Steel D-Shape		\$ 1.00	\$ -
8.46	66 Gallon LH Steel D-Shape		\$ 55.00	\$ -
8.47	88 Gallon LH Steel D-Shape		\$ 239.00	\$ -
8.48	116 Gallon LH Steel D-Shape		\$ 430.00	\$ -
8.49	50 Gallon LH Aluminum D-Shape		\$ 65.00	\$ -
8.50	66 Gallon LH Aluminum D-Shape		\$ 109.00	\$ -
8.51	88 Gallon LH Aluminum D-Shape		\$ 308.00	\$ -
8.52	116 Gallon LH Aluminum D-Shape		\$ 494.00	\$ -
8.53	66 Gallon LH Steel D-Shape with Integral DEF Tank		\$ 85.00	\$ -
8.54	88 Gallon LH Steel D-Shape with Integral DEF Tank		\$ 346.00	\$ -
8.55	111 Gallon LH Steel D-Shape with Integral DEF Tank		\$ 454.00	\$ -
8.56	66 Gallon LH Aluminum D-Shape with Integral DEF Tank	1	\$ 141.00	\$ 141.00
8.57	72 Gallon LH Aluminum D-Shape 26" Dia. with Integral DEF Tank		\$ 306.00	\$ -
8.58	88 Gallon LH Aluminum D-Shape with Integral DEF Tank		\$ 373.00	\$ -
8.59	93 Gallon LH Aluminum D-Shape 26" Dia. with Integral DEF Tank		\$ 434.00	\$ -
8.60	111 Gallon LH Aluminum D-Shape with Integral DEF Tank		\$ 505.00	\$ -
8.61	50 Gallon RH steel 22" Dia fuel tank		\$ 484.00	\$ -
8.62	66 Gallon RH steel 22" Dia fuel tank		\$ 509.00	\$ -
8.63	88 Gallon RH steel 22" Dia fuel tank		\$ 783.00	\$ -
8.64	116 Gallon RH steel 22" Dia fuel tank		\$ 838.00	\$ -
8.65	50 Gallon RH aluminum 22" Dia fuel tank		\$ 548.00	\$ -
8.66	66 Gallon RH aluminum 22" Dia fuel tank		\$ 571.00	\$ -
8.67	88 Gallon RH aluminum 22" Dia fuel tank		\$ 845.00	\$ -
8.68	116 Gallon RH aluminum 22" Dia fuel tank		\$ 913.00	\$ -
8.69	50 Gallon RH Steel D-Shape		\$ 484.00	\$ -
8.70	66 Gallon RH Steel D-Shape		\$ 544.00	\$ -

Spec #	Description	Qty	Price	Subtotal
8.71	88 Gallon RH Steel D-Shape		\$ 722.00	\$ -
8.72	116 Gallon RH Steel D-Shape		\$ 914.00	\$ -
8.73	50 Gallon RH Aluminum D-Shape		\$ 548.00	\$ -
8.74	66 Gallon RH Aluminum D-Shape		\$ 594.00	\$ -
8.75	88 Gallon RH Aluminum D-Shape		\$ 791.00	\$ -
8.76	116 Gallon RH Aluminum D-Shape		\$ 977.00	\$ -
8.77	Single polished aluminum fuel tank		\$ 189.00	\$ -
8.78	Dual polished aluminum fuel tank		\$ 378.00	\$ -
8.79	Isolate RH fuel tank from fuel system for hyd oil		\$ 29.00	\$ -
8.80	Isolate LH fuel tank from fuel system for hyd oil		\$ 29.00	\$ -
8.81	Dual draw & return fuel system		\$ 79.00	\$ -
8.82	Filter neck screen for fuel tank		\$ 68.00	\$ -
8.83	Bright finish DEF tank cover - Requires with bright finish tanks		\$ 28.00	\$ -
8.84	Bright Finish Fuel Tank Straps - Single Tank	1	\$ 31.00	\$ 31.00
8.85	Bright Finish Fuel Tank Straps - Dual Tank		\$ 61.00	\$ -
8.86	Flocs oil change ststem w/disconnecting fittings		\$ 110.00	\$ -

9.0 ENGINE RELATED OPTIONS:

9.1	Delco 35 SI Brushless Alternator, 135 AMP		\$ 98.00	\$ -
9.2	Delco 24 SI Alternator, 130 AMP		STD	
9.3	Delco 24 SI Alternator, 145 AMP	1	\$ 17.00	\$ 17.00
9.4	Leece-Neville Alternator, 145 AMP		\$ 68.00	\$ -
9.5	Donaldson Single Stage Air cleaner per spec 12.1	1	\$ 267.00	\$ 267.00
9.6	Non-heated fuel/water separator, Racor 1000 FH		\$ 336.00	\$ -
9.7	Coolant spin on filter/conditioner	1	\$ 46.00	\$ 46.00
9.8	Front engine powered take off adapter and radiator cut out	1	\$ 99.00	\$ 99.00
9.9	Air applied fan drive, _Horton DM Advantage 2 speed (Brand)		\$ 74.00	\$ -
9.10	Radiator hose package (Silicone) per Spec 12.2 - N/A with Allison transmission		\$ 158.00	\$ -
9.11	Radiator hose package (Silicone) per Spec 12.2 - with Allison transmission	1	\$ 231.00	\$ 231.00
9.12	Silicone hoses, spring clamps on radiator & heater, 1/4 turn ball valve heater hose - N/A with BOC windshield washer		\$ 204.00	\$ -
9.13	Curved exhaust pipe end	1	STD	
9.14	Engine block heater		\$ 63.00	\$ -
9.15	In line fuel heater - Artic Fox in Line Fuel Heater		\$ 391.00	\$ -
9.16	Radiator bug screen	1	STD	
9.17	Engine brake system		\$ 604.00	\$ -
9.18	Extended life anti-freeze	1	\$ 19.00	\$ 19.00
9.19	Starter motor options - Delco 39MT-MXT	1	STD	
9.20	Mitsubishi electric 105P planetary gear reduction		\$ 45.00	\$ -
9.21	Leece-Neville Alternator, 200 AMP		\$ 500.00	\$ -
9.22	Leece-Neville Alternator, 160 AMP Brushless		\$ 102.00	\$ -
9.23	Delco 36SI Alternator, 165A Amp Brushless		\$ 171.00	\$ -
9.24	Leece-Neville Alternator, 140 Amp		\$ 48.00	\$ -
9.25	Leece-Neville Alternator, 160 AMP Brush		\$ 99.00	\$ -
9.26	Meritor/Wabco 636 (37.4 CFM) air compressor		\$ 753.00	\$ -
9.27	Winterfront over radiator mtg bug screen		\$ 120.00	\$ -
9.28	Winter front cover only		\$ 77.00	\$ -
9.29	Corrosion resistant oil pan - Recommended for snow plow trucks	1	\$ 121.00	\$ 121.00
9.30	Davco 382 heated fuel-water separator		\$ 372.00	\$ -
9.31	Racor fuel filter 1000 FH, 12V electrical heater with Mack integral fuel-water separator		\$ 360.00	\$ -

Spec #	Description	Qty	Price	Subtotal
9.32	120V, 1500W block heater with 150W oil pan heater wired to same receptical		\$ 132.00	\$ -
9.33	Electric preheater	1	\$ 51.00	\$ 51.00
9.34	Tether device -furnish cap retainer for oil fill, radiator overflow tank, battery box & tool box when furnish		\$ 22.00	\$ -
9.35	Rear engine PTO (Repto)		\$ 1,748.00	\$ -
9.36	Transmission rear mounted PTO		\$ 337.00	\$ -
9.37	Furnish transmission thru shaft for local installation of RMPTO for Fuller transmission (lower left)		\$ 27.00	\$ -
9.38	Provision for local installation of rear mounted PTO (lower center) includes dash mounted indicator light		\$ 153.00	\$ -
9.39	Air operated PTO control - includes in cab control (RMPTO only)		\$ 114.00	\$ -
9.40	PTO switch and light with wiring and piping		\$ 150.00	\$ -

10.0 TRANSMISSION OPTIONS:

(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 15½" ceramic clutch option for manual transmission		STD	
10.2	External grease fitting for throw out bearing		\$ 7.00	\$ -
10.3	Adjustment free option for 2 plate clutches		\$ 120.00	\$ -
10.4	Synthetic (TranSynd) lubrication for Automatic Transmission	1	\$ 289.00	\$ 289.00
10.5	Synthetic lubrication for manual transmission		STD	
10.6	Allison 3000-RDS 6 spd push button, PTO		\$ 6,461.00	\$ -
10.7	Allison 4500-RDS 6 spd push button, PTO	1	\$ 13,661.00	\$ 13,661.00
10.8	Allison 4500-RDS-R 6 spd, with retarder, push button, PTO		\$ 17,346.00	\$ -
10.9	Allison 4000-RDS 5/6 spd, push button, PTO		\$ 14,164.00	\$ -
10.10	Mack TMD12O automated 12 spd transmission		\$ 3,844.00	\$ -
10.11	Mack T309, 9 speed manual transmission, PTO		\$ 560.00	\$ -
10.12	Mack T309LR, 9 speed manual transmisssion, PTO		\$ 711.00	\$ -
10.13	Fuller RTX-14609B, 9 speed manual trans, PTO		\$ 405.00	\$ -
10.14	Mack T310, 10 speed manual transmission, PTO		STD	
10.15	Mack T310M, 10 speed manual transmission, PTO		\$ 1,646.00	\$ -
10.16	Mack T310ME, 10 speed manual trans, PTO		\$ 1,821.00	\$ -
10.17	Mack T310MLR, 10 speed manual trans, PTO		\$ 1,882.00	\$ -
10.18	Fuller FRO-14210C, 10 speed manual trans, PTO		\$ 271.00	\$ -
10.19	Fuller RTO-14908LL, 10 speed manual trans, PTO		\$ 722.00	\$ -
10.20	Fuller FRO-12210C, 10 speed manual trans, PTO		\$ (252.00)	\$ -
10.21	Fuller FRO-13210C, 10 speed manual trans, PTO		\$ 35.00	\$ -
10.22	Fuller FRO-15210C, 10 speed manual trans, PTO		\$ 689.00	\$ -
10.23	Fuller FRO-16210C, 10 speed manual trans, PTO		\$ 1,141.00	\$ -
10.24	Fuller RTO-16908LL, 10 speed manual trans, PTO		\$ 1,427.00	\$ -
10.25	Fuller FRO-18210C, 10 speed manual trans, PTO		\$ 2,307.00	\$ -
10.26	Fuller RTO-14908ALL, 11 spd manual trans, PTO		\$ 1,178.00	\$ -
10.27	Fuller RTO-16908ALL, 11 spd manual trans, PTO		\$ 1,851.00	\$ -
10.28	Mack T313LR, 13 speed manual transmission, PTO		\$ 1,752.00	\$ -
10.29	Mack T313, 13 speed manual transmission, PTO		\$ 1,710.00	\$ -
10.30	Fuller RTLO-14913A, 13 spd manual trans, PTO		\$ 1,509.00	\$ -
10.31	Fuller RTLO-16913A, 13 spd manual trans, PTO		\$ 2,239.00	\$ -
10.32	Fuller RTLO-18913A, 13 spd manual trans, PTO		\$ 2,942.00	\$ -
10.33	Fuller RTO-16915, 15 spd manual trans, PTO		\$ 2,012.00	\$ -
10.34	Mack T318LR, 18 speed manual transmission, PTO		\$ 1,910.00	\$ -
10.35	Mack T318, 18 speed manual transmission, PTO		\$ 1,941.00	\$ -
10.36	Fuller RTLO-16918B, 18 spd manual trans, PTO		\$ 2,824.00	\$ -

Spec #	Description	Qty	Price	Subtotal
10.37	Fuller RTLO-18918B, 18 spd manual trans, PTO		\$ 3,456.00	\$ -
10.38	Air assist clutch		\$ 192.00	\$ -
10.39	Open grated clutch pedal		\$ 4.00	\$ -
10.40	Transmission oil cooler	1	\$ 300.00	\$ 300.00
10.41	Driveshaft guard for center bearing		\$ 26.00	\$ -
10.42	Transmission dust proofing		\$ 14.00	\$ -
10.43	T-Handle shift lever for Allison - Floor mounted		\$ 196.00	\$ -
10.44	Allison shift to neutral when park brake engaged	1	STD	
10.45	3rd or 4th gear hold for Allison transmission		\$ 300.00	\$ -
10.46	Stainless steel transmission coolant pipes	1	\$ 175.00	\$ 175.00
10.47	Allison fill tune and dip stick under hood		\$ 133.00	\$ -
10.48	GP1-23 Parker gear pump - requires M-Drive transmission and RMPO		\$ 409.00	\$ -
10.49	GP1-41 Parker gear pump - requires M-Drive transmission and RMPO		\$ 417.00	\$ -
10.50	GP1-60 Parker gear pump - requires M-Drive transmission and RMPO		\$ 528.00	\$ -
10.51	GP1-80 Parker gear pump - requires M-Drive transmission and RMPO		\$ 566.00	\$ -
10.52	F1-61R Parker gear pump - requires M-Drive transmission and RMPO		\$ 613.00	\$ -
10.53	F1-81R Parker gear pump - requires M-Drive transmission and RMPO		\$ 683.00	\$ -
10.54	F1-101R Parker gear pump - requires M-Drive transmission and RMPO		\$ 825.00	\$ -
11.0	ELECTRICAL OPTIONS:			
11.1	Automatic reset circuit breakers - Some		\$ 69.00	\$ -
11.2	Battery disconnect off negative side in cab control		\$ 93.00	\$ -
11.3	Remote jump start terminals		\$ 107.00	\$ -
11.4	OEM daytime running lights		\$ 23.00	\$ -
11.5	3000 CCA batteries in lieu of 1950CCA		\$ 64.00	\$ -
11.6	3 each 650/1950 CCA batteries in lieu of 2 each batteries	1	STD	
11.7	Switch for snowplow lights mounted on instrumental panel. Includes wiring terminated near headlights, for customer mounted auxiliary snowplow lights.	1	\$ 75.00	\$ 75.00
11.8	Vehicle speed sensor with speed signal at fuse panel for sander ground speed control system.	1	\$ 10.00	\$ 10.00
11.9	Dash mounted indicator body/hoist up body builder lamp		\$ 64.00	\$ -
11.10	RH/LH led work light on both side of truck		\$ 109.00	\$ -
11.11	Polished aluminum battery box cover		\$ 50.00	\$ -
11.12	Molded plastic with splash guard		\$ 28.00	\$ -
11.13	Battery shock pad		\$ 4.00	\$ -
11.14	Body Link w/cab floor pass thru hole/rubber boot		\$ 1.00	\$ -
11.15	Body Link w/o cab floor pass thru hole/rubber boot	1	STD	
11.16	2 Extra dash mounted illuminated toggle switches		\$ 15.00	\$ -
11.17	One extra dash mounted rocker switch thru battery for local installed items		\$ 10.00	\$ -
11.18	One extra dash mounted rocker switch thru ignition for local installed items		\$ 19.00	\$ -
11.19	Six extra switches 2-15A ignition, 1-20A ignition, 1-10A ignition, 1-5A battery, & 1-20A battery		\$ 102.00	\$ -
11.20	Eight switches - front strobe, rear strobes, wing light, wing strobe, sander light, tail gate lock, and vibrator	1	\$ 278.00	\$ 278.00
11.21	Back up alarm with intermittent feature (Ambient noise sensitive)		\$ 84.00	\$ -

Spec #	Description	Qty	Price	Subtotal
11.22	Ecco back-up alarm 575 constant sound level	1	\$ 72.00	\$ 72.00
11.23	Ecco back-up alarm SA917 ambient noise sensitive		\$ 94.00	\$ -
11.24	Pollak 41-722 constant audible (mounted on rear crossmember)		\$ 77.00	\$ -
11.25	Fog lights		\$ 89.00	\$ -
11.26	Fog lights provisions - includes dash control & wiring for local installation of fog lights		\$ 12.00	\$ -
11.27	Rear brake lights circuit activated when spring brakes are applied and key in run position - no tail lights		\$ 50.00	\$ -
11.28	Omit rear tail lights		\$ (40.00)	\$ -
11.29	Incandescent tail light module		\$ 88.00	\$ -
11.30	LED type tail lights	1	\$ 191.00	\$ 191.00
11.31	Trailer hook-up light		\$ 35.00	\$ -
11.32	Three Mack 800 CCA AGM Long Life Batteries		\$ 253.00	\$ -
11.33	Chassis & power harness with heavy duty casing		\$ 148.00	\$ -
11.34	Dash mounted switch for strobe light		\$ 30.00	\$ -

12.0 CAB EXTERIOR OPTIONS:

12.1	Dual electric horns		\$ 4.00	\$ -
12.2	Air horns, dual, round, with snow shields		\$ 91.00	\$ -
12.3	Dual rectangular air horns		\$ 69.00	\$ -
12.4	Fender mirrors per Spec 12.4		\$ 178.00	\$ -
12.5	Heated mirrors per Spec 12.5 - ____ Bulldog ____X__ West Coast ____Areo	1	\$ 105.00	\$ 105.00
12.6	Remote control for R.H. mirror & heated - ____ Bulldog ____ West Coast ____Areo		\$ 364.00	\$ -
12.7	Remote control for dual mirrors & heated - ____ Bulldog ____ West Coast ____Areo		\$ 456.00	\$ -
12.8	Dupont Highway orange paint or equal		\$ 34.00	\$ -
12.9	Premium paint color option		\$ 145.00	\$ -
12.10	Imron paint option		STD	
12.11	Imron and clear coat paint option	1	\$ 137.00	\$ 137.00
12.12	Top of hood painted flat black		\$ 584.00	\$ -
12.13	Cab Air Ride Suspension	1	STD	
12.14	Tilting hood per Spec 12.8	1	STD	
12.15	Butterfly option on hood		\$ 432.00	\$ -
12.16	Cab visor, external, painted to match cab color	1	\$ 139.00	\$ 139.00
12.17	Front fender extensions	1	\$ 101.00	\$ 101.00
12.18	Front fender mud flaps	1	STD	
12.19	Arctic winter wiper blades	1	\$ 18.00	\$ 18.00
12.20	Optional windshield washer tank	1	\$ 25.00	\$ 25.00
12.21	Per truck charge for all trucks, key identical		\$ 19.00	\$ -
12.22	RH observation prism window in door		\$ 69.00	\$ -
12.23	Front tow hooks	1	STD	
12.24	Rear tow hooks		\$ 21.00	\$ -
12.25	Heated electric wiper blades		\$ 114.00	\$ -
12.26	Heated windshield	1	\$ 425.00	\$ 425.00
12.27	One piece windshield		\$ 80.00	\$ -
12.28	Tinted windshield and sides w/50% transmittance gray, tinted rear window		\$ 17.00	\$ -
12.29	Bright finish hood intake	1	\$ 15.00	\$ 15.00
12.30	Bright finish bars with surround grille		\$ 148.00	\$ -
12.31	Bright finish bars with surround grille with front frame extension	1	\$ 231.00	\$ 231.00
12.32	Bright finish grille		\$ 31.00	\$ -
12.33	Bullet type chrome marker & clearance lights		\$ 73.00	\$ -
12.34	Led type marker & clearance lights	1	\$ 73.00	\$ 73.00
12.35	RH tool box mounted on frame rail		\$ 213.00	\$ -

Spec #	Description	Qty	Price	Subtotal
12.36	Bug deflector mounted on hood - N/A with butterfly hood		\$ 72.00	\$ -
12.37	Heated convex mirrors		\$ 32.00	\$ -
12.38	Electronic keyless entry		\$ 125.00	\$ -
12.39	Bright finish RH fender mirror		\$ 65.00	\$ -
12.40	Stainless steel exterior sun visor		\$ 238.00	\$ -
12.41	Bright Finsh hood latches		\$ 86.00	\$ -
12.42	10" round bright finish heated fender mirrors	1	\$ 225.00	\$ 225.00
12.43	Rect convex mirror above RH driver door window		\$ 22.00	\$ -
12.44	Hadley/Kam 4-way mirrors with chrome steel - RH/LH both motorized & heated		\$ 242.00	\$ -

13.0 CAB INTERIOR OPTIONS:

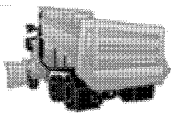
13.1	Medium grade interior trim package			\$ -
13.1A	Sandstone Color with woodgrain instrument panel		\$ 330.00	\$ -
13.1 B	Sandstone Color with brushed metallic instrument panel		\$ 330.00	\$ -
13.1C	Slate Gray Color with woodgrain instrument panel		\$ 330.00	\$ -
13.1D	Slate Gray Color with brushed metallic instrument panel	1	\$ 330.00	\$ 330.00
13.2	Premium grade interior trim package			\$ -
13.2A	Sandstone Color with woodgrain instrument panel		\$ 1,094.00	\$ -
13.2B	Sandstone Color with brushed metallic instrument panel		\$ 1,094.00	\$ -
13.2C	Slate Gray Color with woodgrain instrument panel		\$ 1,094.00	\$ -
13.2D	Slate Gray Color with brushed metallic instrument panel		\$ 1,094.00	\$ -
13.3	Round universal gauge package	1	STD	
13.4	Power window, passenger side		\$ 202.00	\$ -
13.5	Power window/both driver and passenger window	1	\$ 312.00	\$ 312.00
13.6	AM/FM premium stereo CD w/weatherband, MP3, hand free interface bluetooth	1	STD	
13.7	O.E.M factory installed, air conditioning	1	STD	
13.8	Dash mounted air cleaner air restriction gauge	1	STD	
13.9	AM/FM premium stereo CD w/weatherband, MP3, hand free interface bluetooth, XM Satellite		\$ 151.00	\$ -
13.10	AM/FM premium stereo CD w/weatherband, MP3, hand free interface bluetooth, Sirius Satellite		\$ 151.00	\$ -
13.11	Transmission temp gauges	1	STD	
13.12	Windshield defroster fan w/switch dash mounted		\$ 84.00	\$ -
13.13	Transmission oil sensor (check & fill) Allison only	1	STD	
13.14	CB hot jacks dash mounted		\$ 12.00	\$ -
13.15	Tilt & telescope steering wheel	1	STD	
13.16	Self canceling turn signals	1	\$ 26.00	\$ 26.00
13.17	Bostrom Talladega 915 Hi-Back air driver seat		\$ 25.00	\$ -
13.18	Bostrom Talladega 915 wide ride Hi-Back air driver		\$ 175.00	\$ -
13.19	Air-Sears Atlas 70 hi-back with black fabriform cushions		\$ 360.00	\$ -
13.20	National 2000 hi-back air driver seat - single chamber air lumbar, 2 position front cushion adjustable	1	\$ 100.00	\$ 100.00
13.21	National 2000 hi-back air driver seat - three chamber air lumbar, 2 position front cushion adjustable front cushion with adjustable rear cushion		\$ 191.00	\$ -
13.22	Mack fixed rider seat mid-back with integral storage compartment		\$ 79.00	\$ -
13.23	Mack fixed rider seat hi-back with integral storage compartment		\$ 102.00	\$ -
13.24	Extended non suspension rider seat		\$ 97.00	\$ -
13.25	Mack fixed hi-back rider seat		\$ 43.00	\$ -
13.26	Bostrom Talladega 900R mid-back non suspension rider seat		\$ 52.00	\$ -
13.27	Bostrom Talladega 915 mid back air rider seat		\$ 192.00	\$ -
13.28	Bostrom Talladega 915 hi-back air rider seat		\$ 238.00	\$ -

Spec #	Description	Qty	Price	Subtotal
13.29	National 2000 mid-back air rider seat		\$ 206.00	\$ -
13.30	National 2000 hi-back air rider seat		\$ 240.00	\$ -
13.31	Omit rider seat		\$ (50.00)	\$ -
13.32	Inboard mounted driver arm rest	1	STD	
13.33	Inboard mounted rider arm rest - Air Ride Seat Only		STD	
13.34	Cloth with vinyl driver & rider seat	1	STD	
13.35	Driver seat dust cover	1	STD	
13.36	Passenger seat dust cover - Not Available with fix passenger seat		STD	
13.37	All ultra leather drive and ride set		\$ 92.00	\$ -
13.38	Orange driver & rider seat belt		\$ 13.00	\$ -
13.39	Roof vent ventilation		\$ 154.00	\$ -
13.40	Push button type starter		\$ 13.00	\$ -
13.41	Diagonal grab handle on inside of driver door	1	\$ 29.00	\$ 29.00
13.42	Co-pilot driver display (enhanced 4.5" diagonal graphic LCD display w/4-button stalk control - includes guard dog routine maintenance monitoring)	1	STD	
13.43	Roadwatch ambient air temp gauge for outside and road temps - requires aero-dynamic mirrors		\$ 624.00	\$ -
13.44	Roadwatch ambient air temp gauge for outside and road temps without display - includes cable to D panel with 6" extra wire		\$ 930.00	\$ -
13.45	Roadwatch ambient air temp gauge for outside and road temps with display on dash panel		\$ 1,040.00	\$ -
13.46	5lb fire extinguisher between LH seat base and door with valve aimed rearward	1	\$ 64.00	\$ 64.00
13.47	Reflector kit parallel to inside of rider base seat	1	\$ 22.00	\$ 22.00
13.48	Air conditioning blend air HVAC w/pads		\$ 127.00	\$ -
13.49	Cab cleanout - includes in cab pneumatic line		\$ 44.00	\$ -
13.50	In dash large storage pocket - not available with dash mounted shifter for Allison		\$ 37.00	\$ -
13.51	40 Channel CB Radio		\$ 197.00	\$ -
13.52	48" Radio antenna right side mirror mounted	1	\$ 4.00	\$ 4.00
13.53	48" CB antenna left side mirror mounted	1	\$ 37.00	\$ 37.00
13.54	CB radio mounting in console & external speakers		\$ 103.00	\$ -
13.55	Auto shutoff for radio when truck is in reverse		\$ 46.00	\$ -
13.56	Exhaust pyrometer & transmission oil temperature gauges		STD	
13.57	Exhaust pyrometer, transmission oil temperature, manifold pressure and air application gauges	1	\$ 73.00	\$ 73.00
13.58	Exhaust pyrometer, transmission oil temperature, manifold pressure and air application gauges, Air Suspension		\$ 96.00	\$ -
13.59	Rear Axle temperature gauge		\$ 88.00	\$ -
13.60	Light & buzzer for seat belt		\$ 33.00	\$ -
13.61	Red floor lighting w/switch plus (4) door lamps w/switches		\$ 99.00	\$ -
13.62	Interior storage console mounted on floor between seats w/12 volt power outlet		\$ 297.00	\$ -
13.63	Bodybuilder interior console mounted to floor between seats		\$ 201.00	\$ -

14.0 MN/DOT OPTIONS:

14.1	Additional warranty coverage per spec 12.9			\$ -
For Prebuild and Pilot Meetings See RFB special terms and conditions				
14.1	Additional warranty coverage per spec 12.9			\$ -
14.1A	Engine Plan 1 60 months 250,000 miles		\$ 1,200.00	\$ -
14.1B	Engine Plan 1 72 months 250,000 miles		\$ 2,200.00	\$ -
14.1C	Engine Plan 1 84 months 250,000 miles		\$ 2,520.00	\$ -
14.1D	Engine Plan 1 60 months 250,000 miles - HP over 460 horses		\$ 2,000.00	\$ -
14.1E	Engine Plan 1 72 months 250,000 miles - HP over 460 horses		\$ 3,300.00	\$ -

Spec #	Description	Qty	Price	Subtotal
14.1F	Engine Plan 1 84 months 250,000 miles - HP over 460 horses	1	\$ 3,800.00	\$ 3,800.00
14.1G	Engine Plan 2 60 months 250,000 miles		\$ 1,900.00	\$ -
14.1H	Engine Plan 2 72 months 250,000 miles		\$ 3,800.00	\$ -
14.1I	Engine Plan 2 84 months 250,000 miles		\$ 4,300.00	\$ -
14.1J	Engine Plan 2 60 months 250,000 miles - HP over 460 horses		\$ 2,950.00	\$ -
14.1K	Engine Plan 2 72 months 250,000 miles - HP over 460 horses		\$ 5,675.00	\$ -
14.1L	Engine Plan 2 84 months 250,000 miles - HP over 460 horses		\$ 6,450.00	\$ -
14.1M	Engine after-treatment systems (EATS) 60 months 250,000 miles	1	\$ 675.00	\$ 675.00
14.2	Prebuild specification meeting (per person) to be held in St. Paul/Minneapolis area.		\$ 1.00	\$ -
14.3	Pilot inspection meeting (per person).		\$ 900.00	\$ -
				\$ -
15.0	TRAILER TOW OPTIONS:			
15.1	Trailer tow package extended to rear of frame	1	\$ 347.00	\$ 347.00
15.2	Trailer package extend to rear of frame per Spec 12.12		\$ 335.00	\$ -
15.3	Single 7 pins Std SAE type, end of frame	1	\$ 115.00	\$ 115.00
16.0	MANUALS / 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.		\$ 1.50	\$ -
	See special Terms and conditions re interest to State agencies			
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		\$ 3,000.00	\$ -
17.0	Delivery Charges:			
17.1	Price per loaded mile List starting point			
17.2	Roseville, MN 55113		\$ 2.00	\$ -
18.0	Maintenance /Body Shop Repair Rate			
18.1	Rate for initial Inspection/Diagnostics		\$ 130.00	\$ -
18.2	Rate for Mechanical Work		\$ 130.00	\$ -
18.3	Rate for Body Work		\$ 130.00	\$ -
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.			
19.1				\$ -
19.2				\$ -
20.0	Next Model Year Upcharges			
	Enter the following Production Model Year here >>>>>>>>>		2017	
20.1	Percentage Upcharge for the following Model Year Base Unit	1	\$ 1,500	\$ 1,500.00
20.2	Percentage Upcharge for the following Model Year Options		\$ 0	\$ -
Total Cost:				\$ 108,375.00



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61381 US HWY 12, Litchfield, MN 55355
ph: 320-693-7900 fx: 320-693-7921 tt: 800-462-4517

Reference Number
QT 6678

QUOTATION

Ship To:	Cust:	3538 Phone:	Bill To:	Phone:
LAKE ELMO, CITY OF			LAKE ELMO, CITY OF	
3445 IDEAL AVE NORTH			3445 IDEAL AVE NORTH	
LAKE ELMO		MN 55042 USA	LAKE ELMO	MN 55042 USA
ATTN: ROB WELDON				

Customer PO	Salesperson	Terms	Created	Last Rev	Appx Ship
	TIM ERICKSON	NET 30 DAYS	9/15/16	9/15/16	0/00/00
Serial No.					

Order Comments: DUAL SPINNER SANDER
CONFIG

Build Instructions F.O.B. LITCHFIELD, MN

Other Instructions **STATE OF MN CONTRACT #100790 - - VALID THRU 1/31/2017**

Qty	Part No.	Description	Price Ea.	Net Amt.
1	9900118	- Body 10'6" EDGE-RS/SCIS-46-36-36 - - 46" 7 ga Stainless Front, 36" 7 ga Stainless radius sides (No Pockets), 36" 7 ga Stainless Tailgate w/Hardox-450 Face, 1/4" Hardox-450 Floor, 8" I-Beam Longsills, Air-trip ready linkage, Underside Black	\$12,431.00	\$12,431.00
1	9901701	- Installation of Dump Body to hoist	\$1,750.00	\$1,750.00
1	9900145	- Body acc'y TMTE Air trip kit, w/solenoid valve,	\$259.00	\$259.00
1	9901702	- Installation of air operated tailgate latch kit, with solenoid valve in hydraulic valve enclosure.	\$268.00	\$268.00
1	9900147	- Body acc Box Vibrator - Cougar model DC3200	\$674.00	\$674.00
1	9901703	- Installation of Box Vibrator, with solenoid located in hydraulic valve enclosure.	\$302.00	\$302.00
1	9900156	- Cabshield, 1/2 type Stationary Free-Standing style,w/plain STAINLESS STEEL canopy, Hot-Dipped Galvanized tubing construction support stand, , (2) shovel holders, & reservoir mounts, Installed.	\$2,214.00	\$2,214.00
1	9900181	- Walkrail removable both sides of 10' RC & RS body, Installed	\$795.00	\$795.00
1	9900207	- Ladder Flip-A-Way Access ladder (STAINLESS STEEL) Including Grab Handle above, and Interior Step, ea, Installed	\$453.00	\$453.00

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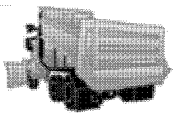
Accepted by _____ Date _____

Price:

Net Cost:

Freight:

Total:



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61381 US HWY 12, Litchfield, MN 55355
ph: 320-693-7900 fx: 320-693-7921 tt: 800-462-4517

Reference Number
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Ship To:			Cust:			3538 Phone:			Bill To:			Phone:					
LAKE ELMO, CITY OF			3445 IDEAL AVE NORTH						LAKE ELMO, CITY OF			3445 IDEAL AVE NORTH					
LAKE ELMO			MN 55042			USA			LAKE ELMO			MN 55042			USA		
ATTN: ROB WELDON																	
Customer PO			Salesperson			Terms			Created			Last Rev			Appx Ship		
			TIM ERICKSON			NET 30 DAYS			9/15/16			9/15/16			0/00/00		
Serial No.																	

SPECIFY LOCATION HERE:

2	9900211 - Body acc'y Dual "split" sander manifolds in rear corner posts	\$311.00	\$622.00
**NOTE: RH SPINNER APPLICATION REQUIRES ADDITIONAL			
1	9900214 - Body acc'y Tailgate LEVER TOP PIN release (Single Axle bodies only)	\$387.00	\$387.00
1	9904246 - Light Warning TMTE1SS-3 PKG: (2) STAINLESS STEEL 23H 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	\$4,149.00	\$4,149.00
1	9902519 - Light WHELEN MICRO PIONEER spot light, Installed	\$506.00	\$506.00
1	9900244 - Light Mirror mt HOH plow light pkg INSTALLED	\$667.00	\$667.00
1	9900266 - Fender set Minimizer MIN2260, for Single Axle, black Poly, Installed	\$745.00	\$745.00
1	1965280 - Minimizer FKMACK2B Floor Mat Set for TDM and SGL	\$118.00	\$118.00
1	9900292 - Tool Box PRO-TECH Alum 22" x 20" x 12" tool box & Brackets Installed (no step)	\$705.00	\$705.00
**NOTE: Located on Street Side, behind valve enclosure			
1	9901028 - Camera System, Voyager model AOM713WP-VCMS10B-CEC50, w/color LCD screen, Night vision Camera, & Cables, INSTALLED	\$646.00	\$646.00
1	9901691 - RoadWatch RWSS Sensor only INSTALLED	\$467.00	\$467.00

--- Continued ---

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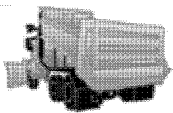
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61381 US HWY 12, Litchfield, MN 55355
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QUOTATION

Ship To:		Cust:		3538 Phone:		Bill To:		Phone:	
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LAKE ELMO		MN 55042		USA		LAKE ELMO		MN 55042 USA	
ATTN: ROB WELDON									
Customer PO		Salesperson		Terms		Created		Last Rev Appx Ship	
		TIM ERICKSON		NET 30 DAYS		9/15/16		9/15/16 0/00/00	
Serial No.									

1 9902930 - RoadWatch Force America Interface CABLE ONLY for 6100, installed	\$199.00	\$199.00
1 9900299 - Pre-Wet Towmaster/Varitech LDS-TMR-110-EGF Body Side Mt Sys for Elliptical body. (2) 55 gal tanks, mtg hdwe, plumbing, Elec Gravity Feed valve	\$1,652.00	\$1,652.00
1 9902483 - Installation of TMR pre-wet system (New Towmaster Body)	\$818.00	\$818.00
1 9903688 - PREWET DUAL SPINNER KIT INSTALLED	\$604.00	\$604.00
1 9901834 - Hoist OSP/Towmaster 720DH, Double Acting, W/Solid block rear hinge point, & OSHA approved saftey props	\$2,092.00	\$2,092.00
1 9901712 - Installation of SCISSORS TYPE double acting hoist	\$1,790.00	\$1,790.00
1 9902924 - Scraper FALLS IB-10A 1" MB, w/single lift cylinder W/12" bolt-on extension (11' total), LESS CUTTING EDGES	\$6,193.00	\$6,193.00
1 9902822 - VBL Vallite Curved Double Bevel 3/4" x 6" x 5' w/5/8" dia holes, cutting edge **SCRAPER APPLICATION	\$90.00	\$90.00
1 9902830 - VBL Vallite Curved Double Bevel 3/4" x 6" x 6' w/5/8" dia holes, cutting edge **SCRAPER APPLICATION	\$108.00	\$108.00
1 9901705 - Installation of underbody fixed angle scraper w/single lift cylinder	\$2,010.00	\$2,010.00
1 9904232 - Up Charge Electric pressure transmitter to read on LCD screen installed	\$427.00	\$427.00

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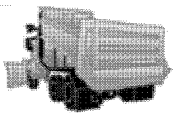
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61381 US HWY 12, Litchfield, MN 55355
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LAKE ELMO			MN 55042			USA			LAKE ELMO			MN 55042			USA		
ATTN: ROB WELDON																	
Customer PO			Salesperson			Terms			Created			Last Rev			Appx Ship		
			TIM ERICKSON			NET 30 DAYS			9/15/16			9/15/16			0/00/00		
Serial No.																	

1 9900351 - Scraper FORCE reverse/Auto-Lift system, ADD-A-FOLD valve, installed	\$466.00	\$466.00
1 9902941 - Wing Falls RHSDL9A-HYDPB Primed LESS CUTTING EDGES	\$9,800.00	\$9,800.00
1 9902855 - VBL 3/4" x 6" - 9' Carbon Steel Snow Blade **WING APPLICATION	\$162.00	\$162.00
1 9900388 - Installation Falls SDL Series Wing - w/Bulkhead Couplers	\$3,804.00	\$3,804.00
1 9901431 - Wing Falls RL (REAR LIFT) up charge SDL WING	\$391.00	\$391.00
1 9900479 - Wing Falls Gloss Black - Paint Moldboard	\$278.00	\$278.00
1 9900555 - Plow Hitch Falls 44XB2/STD/STD/SA/SPR-RET/HITCH	\$2,743.00	\$2,743.00
1 9900589 - Installation Falls Plow Hitch - 40 Series 3Line/STDBLKHD	\$1,595.00	\$1,595.00
1 9903057 - Plow Falls PR1243/SPR-TRP/NOSHU/PRI-E1/10GA LESS CUTTING EDGES	\$5,802.00	\$5,802.00
1 9902858 - VBL 3/4" x 6" - 12' Carbon Steel Snow Blade **PLOW APPLICATION	\$216.00	\$216.00
1 9900625 - Plow Push Unit Falls 24/44 Series Std	\$800.00	\$800.00
1 9900637 - Plow Falls High Visibility Marker Set	\$87.00	\$87.00
1 9900639 - Plow Falls Rubber Belt Deflector Kit - Installed	\$306.00	\$306.00
1 9900681 - Plow Falls Gloss Black Paint, Rev Plow, w/installation	\$369.00	\$369.00

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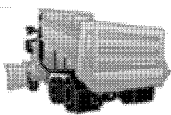
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61381 US HWY 12, Litchfield, MN 55355
 ph: 320-693-7900 fx: 320-693-7921 tt: 800-462-4517

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LAKE ELMO, CITY OF						LAKE ELMO, CITY OF						LAKE ELMO, CITY OF					
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LAKE ELMO						MN 55042						USA					
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Customer PO				Salesperson				Terms				Created		Last Rev		Appx Ship	
				TIM ERICKSON				NET 30 DAYS				9/15/16		9/15/16		0/00/00	
Serial No.																	

1 9900757 - Hitch TMTE Heavy Duty plate assembly,	\$312.00	\$312.00
1 9901716 - Hitch Installation of Pup Hitch (weld in style) **NOTE: Includes transfer of OEM glad hands and electrical socket to rear plate.	\$687.00	\$687.00
1 9900764 - Hitch PREMIER 2300 Air Cushion Pintle, installed	\$702.00	\$702.00
1 9900996 - Sander Falls 1ASD-6CDSS-6P-1D-2S-LM Salt Special 6", Stainless Steel Unit, LH & RH Discharge, Dual Poly Spinner Ass'y,	\$5,276.00	\$5,276.00
1 9901722 - Sander Install dual spinner w/uni-directional reversible auger & dual manifolds RH & LH rear	\$1,093.00	\$1,093.00
1 9900814 - Sander Falls Stainless Steel (optional) salt shield **NOTE: FOR RH DISCHARGE OPENING	\$195.00	\$195.00
1 9900823 - Sander TMTE Exterior (removable) sander/tailgate spill plates, Stainless Steel	\$356.00	\$356.00
1 9900851 - Valve System, Force Add-A-Fold MCV-ISO Valve 9 Functions , INSTALLED	\$9,960.00	\$9,960.00
1 9902497 - Control System Force ULTRA-4-6100 Commander control, Installed	\$11,850.00	\$11,850.00
1 9900874 - Filter Force IN-TANK mounted filter installed	\$446.00	\$446.00
1 9900882 - Reservoir TMTE Cabshield mt (stainless steel) w/intank filter provision, installed	\$2,182.00	\$2,182.00
1 9900888 - Pump Force FASD45L LS (6 ci) installed	\$3,523.00	\$3,523.00

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NOTE: If changes are made to an order after a P.O. has
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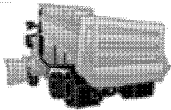
Date

Price:

Net Cost:

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Total:



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61381 US HWY 12, Litchfield, MN 55355
 ph: 320-693-7900 fx: 320-693-7921 tt: 800-462-4517

Reference Number
 QT 6678

QUOTATION

Ship To:		Cust:		3538 Phone:		Bill To:		Phone:	
LAKE ELMO, CITY OF		3445 IDEAL AVE NORTH				LAKE ELMO, CITY OF		3445 IDEAL AVE NORTH	
LAKE ELMO		MN 55042		USA		LAKE ELMO		MN 55042 USA	
ATTN: ROB WELDON									
Customer PO		Salesperson		Terms		Created		Last Rev Appx Ship	
		TIM ERICKSON		NET 30 DAYS		9/15/16		9/15/16 0/00/00	
Serial No.									

1 9900871 - Switch TMTE BODY UP Installed (electric controls only)	\$182.00	\$182.00
1 9900884 - Sensor Force Low oil indicator system, SLIM-LINE AND CABSHIELD MOUNTED w/light mounted in cab, installed	\$207.00	\$207.00
1 9901013 - Super Tough cover hose in lieu of TOUGH COVER hose SGL application	\$520.00	\$520.00
1 WARRANTY - TOWMASTER EXCLUSIVE WARRANTY: 5 yr Steel/Stainless Steel Body Structure; 5 yr Whelen LED Light Systems; 3 yr Palfinger Hoists; 4 yr SwapLoader Hoists; 2 yr Hyd, Snow Equip, Tele Hoists, and all other items		
1 OPTION - Option to consider:		
PTE-1248 (TRIP EDGE) POLY PLOW IN LIEU OF QUOTED ABOVE ADD \$2,022.00		
STP-1248 (TRIP MOLDBOARD) POLY PLOW IN LIEU OF QUOTED ABOVE ADD \$1,555.00		

NOTE: If changes are made to an order after a P.O. has been issued, a fee may be assessed and a revised or new P.O. MUST BE submitted to reflect changes.

Accepted by

Date

Price: \$108,451.00

Net Cost: \$108,451.00

Freight:

Total: \$108,451.00

**TRUCK & EQUIPMENT**

www.nussgrp.com

☐ 6500 US HWY 63 S, PO BOX 6699
ROCHESTER, MN 55903
507-288-9488 507-424-4156 (FAX)☒ 2195 W CTY RD C2, PO BOX 130820
ROSEVILLE, MN 55113
651-633-4810 651-635-0928 (FAX)☐ 2625 QUAIL RD NE
SAUK RAPIDS, MN 56379
320-253-6941 320-253-0176 (FAX)☐ 53976 208TH LN, PO BOX 969
MANKATO, MN 56002
507-345-6225 507-387-5886 (FAX)☐ 3028 TRUCK CENTER DR
DULUTH, MN 55806
218-628-0333 218-628-1822 (FAX)☐ 12540 DUPONT AVE S
BURNSVILLE, MN 55337
952-894-9595 952-894-1619 (FAX)**VEHICLE PURCHASE AGREEMENT**DATE: 09/30/2016☒ NEW ☐ USED ☐ TRAILER ☐ ORDER OUT ☐ IN STOCKSALESPERSON: PROW

CITY OF LAKE ELMO

PURCHASER		CONTACT/TITLE	
3800 LAVERNE AVE NORTH			
ADDRESS		E-MAIL ADDRESS	
LAKE ELMO, MN	DAKOTA	55042	
CITY STATE	COUNTY	ZIP CODE	
651-747-3941			
PHONE NUMBER	FAX NUMBER		

The Undersigned Purchaser hereby agrees to purchase from NUSS TRUCK GROUP INC. or SUBSIDIARY, hereinafter referred to as the Dealer, 1 new or used vehicle(s) together with the equipment below set forth (which vehicle(s) and equipment are called "said vehicle(s)") to be delivered on or about _____ according to the following specifications, terms, and conditions:

STOCK NO.	YEAR 2017	MAKE MACK	MODEL GU812	MILEAGE	VIN PENDING
-----------	--------------	--------------	----------------	---------	----------------

WARRANTIES and/or REPRESENTATIONS☒ Manufacturer's Warranty Applies☐ **AS-IS: NO DEALER WARRANTY. DEALER DISCLAIMS ANY & ALL EXPRESS OR IMPLIED WARRANTIES.**☐ Other: _____

PURCHASER INITIAL HERE: _____

GVWR/GCWR: The Gross Vehicle Weight (GVWR), or Gross Combination Weight Rating (GCWR), of the vehicle subject to this order is _____ lbs. Seller disclaims any and all liability for damages resulting from operation of the vehicle in excess of the above stated GVWR or GCWR.

PURCHASER INITIAL HERE: _____

TYPE OF TRANSACTION☐ Financed. Finance Company: _____☒ Cash (including customer based financing).

Lien Holder: _____

Phone #: _____

DRIVER/INSURANCE INFORMATION (for 2000 form)

Insurance Agent: _____

Insurance Company: _____

Policy #: _____

Driver's License #: _____ Date of Birth: _____

BASE PRICE OF VEHICLE SOLD**\$108,375.00**

1. Total of Options/Accessories (carried over from Addendum)	\$0.00
2. Dealer Retail Price	\$108,375.00
3. Discount	\$0.00
4. Total Cash Price (2 less 3)	\$108,375.00
5. Trade-in Allowance	\$0.00
6. Trade Difference (4 less 5)	\$108,375.00
7. MN Sales Tax on Trade Difference <u>6.50%</u>	\$7,044.38
8. Federal Excise Tax	\$0.00
9. License / Registration Fees	\$0.00
10. City/County Excise Tax	\$0.00
11. Document Fee	\$75.00
12. Warranty	\$3,445.00
13. Balance Due to _____ on trade-in	\$0.00
14. Sub Total (Sum 6 through 13)	\$118,939.38
15. Less Cash Down Payment on Order	\$0.00
16. Sub Total (14 less 15)	\$118,939.38
17. Less Additional Cash Due _____	\$0.00
DUE ON DELIVERY	\$118,939.38

DELIVERY INFORMATIONDELIVER TO: TOWMASTER, LITCHFIELD, MN**ADDITIONAL ITEMS OR CONDITIONS OF SALE:****EQUIPMENT TO BE TRADED**

STOCK NO.	YEAR	MAKE	MODEL	MILEAGE	VIN
STOCK NO.	YEAR	MAKE	MODEL	MILEAGE	VIN

IT IS FURTHER UNDERSTOOD AND AGREED

This Purchase Contract is subject to the following terms and conditions which have been mutually agreed upon:

1. That the Purchaser, before or at the time of taking delivery of the motor vehicle covered by the Purchase contract, will execute such other forms of agreements or documents as may reasonably be required by the dealer.
2. If the Manufacturer makes any changes in the model or design of any accessories and/or parts of any new motor vehicles at any time, it does not create any obligation on the part of the Dealer to make corresponding changes in the vehicle covered by this order either before or subsequent to the delivery of such vehicle to the Purchaser.
3. The Dealer shall have the right to re-appraise the motor vehicle to be traded-in or modify accordingly the delivery price of the motor vehicle purchased herein, if the said trade-in vehicle is subsequently damaged or parts and/or accessories have been removed or replaced, or if it exceeds any mileage/kilometer limitation stated on the face of this contract.

PURCHASER INITIAL HERE: _____

TERMS AND CONDITIONS

This purchase agreement is tendered by the Purchaser for acceptance by the Dealer, and it will not be binding upon the Dealer unless accepted and signed by the Dealer.

If the terms of payment herein provided are other than cash, the Purchaser agrees to execute and deliver to the Dealer, prior to the delivery of said vehicle(s), a security agreement, in the form customarily required by it, covering said vehicle(s) in order to secure the payment of the indebtedness due hereunder. The Purchaser further agrees that this purchase agreement shall be subject to all the terms and conditions of said security agreement, which shall supersede this purchase agreement to the extent inconsistent herewith; provided that Purchaser's warranty as to any used motor vehicle or equipment traded in by the Purchaser and taken by the Dealer as part payment hereunder (hereinafter such used motor vehicle or equipment is called the "used equipment") shall survive the execution of the security agreement.

The Purchaser warrants that the used equipment, if any, is free and clear of all liens and/or encumbrances of any nature whatsoever, and that the Purchaser has good and marketable title to the used equipment at the time of delivery thereof to the Dealer, unless noted otherwise under other conditions of sale. The used equipment is to be delivered to the Dealer in the same condition and appearance in which it was when first inspected by the Dealer or its agent. The Dealer, upon delivery of the used equipment, shall have the right once again to inspect the used equipment, and the Dealer shall be the sole judge as to its condition, with the right to accept or reject the used equipment at its option. If the used equipment is not in a condition and appearance as good as it was when first inspected by the Dealer, the Dealer shall have the right to revalue the amount of allowance offered for such equipment and the total cash purchase price shall be increased accordingly. The Purchaser agrees that the amount of the allowance made upon the used equipment, if any, is to be applied by the Dealer as part payment on the purchase price of said vehicle(s).

The Dealer shall not be held responsible for any loss, damage, detention, delay or failure to deliver resulting from any cause which is unavoidable or beyond its reasonable control, including, but not limited to, fire, flood, natural disaster, strike or labor disturbance, accident, vandalism, riot or insurrection, war, any order, decree, law or regulation of any court, government or governmental agency, shortage of materials, demand in excess of available supply, failure or interruption of normal transportation or power facilities; AND IN NO EVENT SHALL THE DEALER BE LIABLE FOR CONSEQUENTIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, LOSS OF INCOME. The receipt of said vehicle(s) by the Purchaser upon delivery shall constitute a waiver of all claims for loss or damage due to delay.

In the event that the within purchase agreement is accepted by the Dealer and the Purchaser fails to accept delivery and perform this contract pursuant to its terms, the Dealer shall have the right to retain the amount paid to the Dealer in cash and/or the used equipment on account of the purchase price of said vehicle(s) as liquidated damages in addition to such other rights as the Dealer may have under law. In the event that the within purchase agreement is canceled by mutual written agreement of the Dealer and the Purchaser or if the Dealer is unable to make delivery of said vehicle(s), the Dealer will return and the Purchaser will accept the cash and the used equipment (or if the used equipment shall have been sold, the net amount received by the Dealer from the sale thereof) in full discharge of any obligations of the Dealer to the Purchaser hereunder.

A security interest in said vehicle(s) shall remain in the Dealer until the payment in full of the purchase price or, if the terms of payment herein provided are other than cash, until the execution and delivery of a security agreement, as hereinabove provided, at which time the terms of said security agreement shall control.

In the event of Purchaser's failure to make payment of the purchase price when due, the Dealer may take immediate possession of said vehicle(s), without demand or further notice. For this purpose and in furtherance thereof, the Purchaser shall, if the Dealer so requests, make said vehicle(s) available to the Dealer at a reasonably convenient place designated by it, and the Dealer shall have the right, and the Purchaser does hereby authorize and empower the Dealer, its agents, servants or employees, to enter upon the premises wherever said vehicle(s) may be and remove the same; and the Purchaser hereby expressly waives any action or right of action of any kind whatsoever against the Dealer, its agents, servants or employees because of the removal, repossession or retention of said vehicle(s) or otherwise.

The Purchaser agrees that if the cost of labor, materials, body, accessories or other equipment or component parts increases beyond the basis upon which the price set forth herein was established, then the Dealer, at any time before delivery, may give the Purchaser written notice of an increase in price, and such increased price shall be the contract price, unless Purchaser within ten days thereafter shall give Dealer written notice of cancellation. Any such increase in the contract price, pursuant to this provision, however, shall not prevent additional increases, if necessary, under the circumstances set forth herein at any time prior to delivery.

If the cost to the Dealer of insurance to be furnished by the Dealer hereunder is increased at any time prior to the delivery of said vehicle(s) the Purchaser agrees to pay for the insurance herein provided for at such increased rate.

ALL TAXES NOW OR HEREAFTER IMPOSED UPON THE SALE OF SAID VEHICLE(S) SHALL BE PAID BY THE PURCHASER.

The Purchaser agrees that all previous communications between the Purchaser and the Dealer, either verbal or written, with reference to the subject matter of this purchase agreement, are hereby abrogated. The Purchaser further agrees that no modification of this Agreement shall be binding upon the Dealer unless such modifications shall be in writing and agreed to and accepted in writing by authorized personnel of the Dealer.

This instrument contains the entire agreement between the parties, and there are no understandings or representations not contained herein.

THE DEALER AND THE MANUFACTURER MAKE NO WARRANTIES AS TO SAID VEHICLE(S), EXPRESS, IMPLIED, OR IMPLIED BY LAW, EXCEPT THE MANUFACTURER'S STANDARD VEHICLE WARRANTY, A COPY OF WHICH HAS BEEN DELIVERED TO THE PURCHASER AND WHICH IS INCORPORATED HEREIN BY REFERENCE. THE DEALER AND THE MANUFACTURER SPECIFICALLY DISCLAIM ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND ANY LIABILITY FOR CONSEQUENTIAL DAMAGES.

THIS MAY BE A BINDING CONTRACT AND YOU MAY LOSE ANY DEPOSITS IF YOU DO NOT PERFORM ACCORDING TO ITS TERMS.

UNLESS OTHERWISE STATED, ALL INCENTIVES TO THE DEALER.

THE TERMS AND CONDITIONS HEREOF ARE A PART OF THIS AGREEMENT. THE PURCHASER ACKNOWLEDGES HAVING READ THIS AGREEMENT INCLUDING SUCH TERMS AND CONDITIONS AND FURTHER, PURCHASER ACKNOWLEDGES RECEIVING A COPY OF THIS AGREEMENT.

Buyer Signature _____

DATE

Buyer Name/Title _____

Dealer Accepted X _____

DATE

THIS ORDER IS NOT VALID UNLESS ACCEPTED AND SIGNED BY A SALES MANAGER OR OFFICER OF THE COMPANY.