



STAFF REPORT

DATE: 2/2/2021

REGULAR

ITEM #:

TO: City Council

FROM: Marty Powers, Public Works Director

AGENDA ITEM: F550 dump/chipper box Purchase

REVIEWED BY: Kristina Handt, City Administrator

BACKGROUND: The City of Lake Elmo Public Works Department utilizes a Dodge 5500 truck outfitted with a plow, dump/chipper box and deicing unit. The truck is utilized throughout the city to assist with projects related to downed trees in ROWs and tree trimming along streets & in parks. The deicing unit pretreats roads prior to a winter weather event to minimize ice buildup and the dump box assists staff in hauling loose material such as dirt, brush, boulders and wood chips. The existing 2009 Dodge 5500 is in service and has exceeded its recommended 10-year replacement schedule.

At the June 17, 2020's Maintenance Advisory Committee meeting, the committee recommended moving the replacement of this vehicle from 2022 forward to 2021 in order to spread out purchases, to replace it with a vehicle that would be more user friendly & efficient, and to keep its replacement schedule closer to the 10-year vehicle replacement policy.

Following the recommendation of the MAC, Public Works moved forward with recommending the replacement and received 2021 budget approval through the Park Commission, the Finance Committee and the Council. At the January 2, 2021's MAC meeting the committee changed their minds to delay the replacement due to the struggling economy during the pandemic and stated the vehicle is still usable.

The now 12-year-old vehicle has since been in and out of the shop with several issues taking it out of service for nearly three weeks. Issues included electrical wiring, alternators, brakes and exhaust leaks. Issues yet to repair include relocating pinched hydraulic lines and repairing the damaged box frame. Staff currently avoid using this vehicle when possible due to its straight blade snowplow, its sloppy hook box and challenging operations.

ISSUE BEFORE MAC: Should the Council approve the purchase of a 2021 F550 dump/chipper truck as outlined in the Capital Improvement Plan?

PROPOSAL DETAILS/ANALYSIS: Proceeding with this purchase will benefit the city and its citizens by replacing an aged and inefficient vehicle. This vehicle will allow staff more maneuverability, stability, reliability, efficiency and be safer when removing and installing the chipper box. The new unit will be outfitted to utilize the existing anti-ice unit and its controller and will include a plow mount, wiring harness and controller that will be universal with other Boss V-plows Public Works currently has.

FISCAL IMPACT: Purchase of this vehicle shall not exceed the budgeted \$70,000 and will be funded through the vehicle replacement fund as identified in the proposed 2021 CIP.

OPTIONS: Approve purchase of the F550 dump/chipper box
Do not approve purchase
Direct staff to further research need for purchase

ATTACHEMENTS:

- F550 chassis spec and quote (Midway Ford state contract pricing)
- Towmaster spec and quote (outfitting at state contract pricing)
- Metal Dr quote (Plow Mount/Wiring state contract pricing)
- Logo and extras

The logo for Midway Ford Commercial. It features the word "MIDWAY" in large, bold, yellow capital letters at the top. Below it is the Ford logo, which consists of the word "Ford" in its signature script inside a blue oval with a silver border. At the bottom, the word "COMMERCIAL" is written in large, bold, orange-red capital letters. The entire logo is set against a background of a silver, metallic surface with a circular pattern.

Fax # 651-604-2936

Standard

40/20/40 Vinyl Front Seat
4-Wheel ABS Brakes
Air Conditioning
225/70r19.5 All Season Tires

Front Tow Hooks
Rubber Floor Covering
Black Bumper
7.3L V8

Options	Code	Price	Select	Exterior Colors	Code	Select
Limited Slip 4.88 Axle	X8L	\$327	x	Blue Jeans Metallic	N1	
19,000 GVWR	68U	\$741	x	Race Red	PQ	
Traction Tires	TGK	\$195	x	Caribou Metallic	LQ	
Cloth 40/20/40 Seat	1S	\$91	x	Agate Black	UM	
XL Value package	96V	\$360	x	Magnetic Metallic	J7	
Power Group	90L	\$787	x	Ingot Silver Metallic	UX	
Snow Plow Prep	473	\$228	x	Oxford White	Z1	x
397 Amp Alternators	67B	\$104	x			
Brake Controller	52B	\$245	x			
Running Boards	18B	\$291	x	Extended Service Contracts	Cost	Select
Rear View Camera & Prep	872	\$377	x			
Option Total		\$3,746				
				You must have a active FIN code to participate in this purchase contract : FIN code # _____		
Base Price			Totals	Purchase Order required prior to order placement		
			\$34,612.80	PO #		
Options Price Totals			\$3,746.00			
Extended Warranty						
Transit Impr Excise Tax			\$20.00			
Tax Exempt Lic			\$62.00			
6.5% Sales Tax			\$2,493.32	Name of Organization		
Document fee			\$125.00	Address		
Sub total per vehicle			\$41,059.12			
Number of Vehicles			1			
Grand Total for all units			\$41,059.12	City, State, Zip		
Acceptance Signature				Contact Person/ Phone #		
Print Name and Title				Contact's e-mail address and fax #		
Date						



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 59354

** 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	USA

ATTN: MARTY POWERS

PO#	Salesman	Terms	Created	Last Revised	Appx Comp
	TIM ERICKSON	NET 30 DAYS	11/30/20	12/02/20	0/00/00

Serial No.

Order Comments: STATE OF MN CONTRACT
 #184012

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

Other Instructions CONTRACT PRICES VALID THRU 10/31/2021

Qty	Part No.	Description	Price Ea.	Net Amt.
1	1997228	- Body 9'6" FSS w/15" high 12 ga SS Fold-Down Sides, 21" high 10 ga SS Lever Top Pin release Tailgate, 40" high 10 ga SS	\$9,196.00	\$9,196.00
1	9901438	- Hoist OSP 9' 515SF HOIST W/SUB FRAME, ELECTRIC PUMP, Dump angle: 45 [±] , DOUBLE acting, W/rear hinge point & OSHA approved	\$2,948.00	\$2,948.00
1	9901454	- INSTALLATION OF DUMP BODY & ELECTRIC HOIST	\$2,286.00	\$2,286.00
4	9900208	- Body acc'y Broom holder ring type (ea) **NOTE: 2 PAIR MOUNTED DIAGONALLY ON FRONT PANEL BEHIND CAB, (1) SET ACCESSIBLE FROM EACH SIDE OF THE TRUCK	\$67.00	\$268.00
1	9901110	- FMVSS LIGHT PKG Consists of Clearance, Marker, and Tri-Light cluster lights, Rubber grommets, & wiring Pig-Tails.	\$164.00	\$164.00
1	9901111	- INSTALLATION OF FMVSS LIGHT PKG	\$285.00	\$285.00
1	9901897	- TMTE-6 2 L32LAF TOP MOUNT LED STROBES, 2 5VA02ZAD REAR STROBES WITH GROMMETS INSTALLED **NOTE: WIRED TO OEM (ALWAYS HOT) ACC'Y SWITCH IN CAB	\$1,261.00	\$1,261.00
1	9901583	- Tool Box PRO-TECH 18" x 18" x 30" SINGLE DROP DOOR tool box	\$542.00	\$542.00
1	9901572	- Tool Box Labor and install kit to INSTALL 24"-48" TOOL BOX **NOTE: MOUNTED ON RH (CURB) SIDE OF TRUCK FRAME	\$292.00	\$292.00
1	1984878	- ALUM chipper topper - - For Edge FSC OR FSS Body	\$4,775.00	\$4,775.00

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Accepted by

Date

Price:

Total Discounts:

Net Cost:

Freight

Total:



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Serial No.

****NOTE: 1. INCLUDES FORKLIFT POCKETS EXTERNAL WELDED TO CEILING. 2. INSTALLED ON BODY, SECURED WITH BOLTS IN BOARD POCKETS.**

1 9901171 - Fenders M1900 W/Brkts for 19.5" Installed	\$600.00	\$600.00
1 9904691 - INSTALLATION of (Initial) Single camera system	\$188.00	\$188.00
**NOTE: (OEM SUPPLIED) MOUNTED ON REAR FRAME CENTER AREA, FOR BACKUP USAGE, WIRED TO FACTORY INSTALLED HARNESS.		
1 9900775 - Hitch TMTE Medium Duty Hitch Plate assembly	\$355.00	\$355.00
1 9901172 - Hitch Installation of med duty hitch (Weld On)	\$194.00	\$194.00
**NOTE: HITCH PLATE FACE TO BE LOCATED: IN REFERENCE TO REAR TIRE FACE.		
1 9902494 - Hitch 7 contact RV (flat pin) socket installed	\$142.00	\$142.00
1 9901112 - ICC BUMPER	\$129.00	\$129.00
1 9901113 - INSTALLATION OF ICC BUMPER	\$192.00	\$192.00
1 9900778 - Hitch Combo Pintle/Ball (2-5/16"). NOTE: DERATES Hitch to 3,000 lbs vertical & 16,000 lbs GTW, installed	\$164.00	\$164.00
1 9901736 - VariTech Ind. Price for installation of anti-icing LDS AI200,305,400,535-DAS system	\$920.00	\$920.00
**NOTE: CUSTOMER SUPPLIED EXISTING UNIT FROM DODGE TRUCK. WILL RE-USE AI-535 GAS ENGINE POWERED UNIT, & 5100EX CONTROLLER (HARNESS WILL BE NEW - - SEE LINE ITEM BELOW). INCLUDES INSTALLATION & TESTING OF AI UNIT COMPLETE.		
1 SPECIAL REQUEST - Special Request Charges for:	\$461.00	\$461.00

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Accepted by

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Serial No.	
NEW AI-535 SINGLE LANE Harness, truck side	

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; 1 year Swenson Spreaders, 2 yr Hyd,
FALLS Snow Equip, Tele Hoists, and all other items.

Accepted by

Date

Price: \$25,362.00

Total Discounts:

Net Cost: \$25,362.00

Freight

Total: \$25,362.00

Metal Dr Quote

11/25/2020

Boss DXT 9'2" Mount, harness and installation state contract pricing

Mount \$595

Wiring kit \$250

Install \$595

Total \$1440

Extras

Logo and decals \$165

Tools, safety equipment, straps, chains, tool box, etc \$850

Total \$1015