



August 12, 2019

Council Meeting of August 20, 2019
Subject: Department of Public Works Plow Trucks,
State Purchasing Program (Mi Deal)

The Honorable Mayor
and
Members of the City Council

Ladies and Gentlemen:

The FY-2020 budget provides for the replacement of two 58,000 GVW tandem axle trucks and two 44,000 GVW single axle trucks complete with snow and ice control equipment. Funds in the amount of \$1,068,000 are budgeted in the Equipment Replacement Fund for this purchase.

Two 58,000 GVW tandem axle 2020 International cab and chassis at a cost of \$112,180 each and two 44,000 GVW single axle 2020 International cab and chassis at a cost of \$94,360 each can be purchased from West Michigan International Inc. of Muskegon Heights, MI through the State Purchasing program (MiDeal). Snow and ice equipment can be purchased through MiDeal from Truck & Trailer Specialties Inc. of Dutton, MI. The two tandem trucks can be outfitted at a cost of \$93,409 each; the two single axle trucks will be outfitted at a cost of \$94,176 each. An additional cost of \$1,580 will be added to one tandem truck for programming and additional equipment for the operation of the City's dust control program.

Adoption of the attached resolution will award the purchase of the vehicles and related equipment as listed above from West Michigan International Inc. of Muskegon Heights, MI at a total cost of \$413,080 and from Truck & Trailers Specialties Inc. of Dutton, MI at a total cost of \$376,750 respectively, through the State Purchasing program (MiDeal). The total award cost for the cabs and chassis and snow and ice equipment is \$789,830.

Respectfully submitted,

Mark C. Meyers
City Administrator

GAB/sr
Attachment

Administration/City Clerk (231) 798-4391	Assessing Division (231) 799-6806	Building Division (231) 799-6801	Finance/Treasurer (231) 799-6805	Fire Prevention (231) 799-6809	Fire Department (231) 798-2255
Parks/Recreation (231) 799-6802	Planning/Zoning (231) 799-6800	Police Department (231) 733-2691	Public Works (231) 799-6803	Streets Division (231) 798-2156	Water/Sewer (231) 799-6804

RESOLUTION

WHEREAS, the FY-2020 budget provides for the purchase of two 58,000 GVW tandem axle 2020 International cab and chassis and two 44,000 GVW single axle 2020 International cab and chassis complete with snow and ice equipment, and

WHEREAS, two 58,000 GVW tandem axle 2020 International cab and chassis at a cost of \$112,180 each and two 44,000 GVW single axle 2020 International cab and chassis at a cost of \$94,360 each can be purchased from West Michigan International Inc. of Muskegon Heights, MI through the State Purchasing program (Mi Deal) at a total cost of \$413,080, and

WHEREAS, two tandem trucks will be outfitted with snow and ice equipment at a cost of \$93,409 each, and two single axle trucks will be outfitted with snow and ice equipment at a cost of \$94,176 each, with an additional cost of \$1,580 added to one tandem truck for programming and adding additional equipment for the operation of the City's dust control program, can be purchased from Truck & Trailer Specialties Inc. of Dutton, MI through the State Purchasing program (Mi Deal) at a total cost of \$376,750, and

NOW, THEREFORE, BE IT RESOLVED, that the purchase of two 58,000 GVW and two 44,000 GVW cab and chassis at a total cost of \$413,080 from West Michigan International Inc., and the purchase of snow and ice equipment at a total cost of \$376,750 from Truck & Trailer Specialties Inc. is authorized.

At a regular meeting of the City Council of the City of Norton Shores, held at the Norton Shores Branch Library, 705 Seminole Road, on the 20th day of August, 2019, the foregoing resolution was moved for adoption by Council Member. The motion was supported by Council Member.

Ayes:

Nays:

Resolution declared adopted/denied.

Shelly Stibitz, City Clerk



Internal Memo

August 12, 2019

TO: Gerald Bartoszek, Director of Public Works
FROM: Bryan DeGroot, Streets & Drainage Superintendent
RE: Purchase of Two (2) 58,000 GVW and Two (2) 44,000 GVW Cab & Chassis Units with Snow & Ice Control Equipment

Fiscal Year 2020 Budget provides funding in the amount of \$1,068,000 for the replacement of four (4) 56,000 GVW tandem axle trucks and snow & ice control equipment.

I would like to propose that we modify our snowplow fleet from four (4) tandem axle trucks and three (3) single axle trucks to three (3) tandem axle trucks and four (4) single axle trucks. This would be accomplished by replacing three (3) of the tandem axle trucks and one (1) single axle truck of the current fleet. The three units being considered for replacement are Units 264, 265, and 266. These are 2009 International 56,000 GVW tandem axle snow & ice control trucks that were placed into service in June 2009. Unit 264 has 112,077 miles and 7,599 hours, Unit 265 has 112,015 miles and 7,910 hours, Unit 266 has 84,103 miles and 6,748 hours and Unit 267 has 99,302 miles and 6,913 hours. The fourth unit being considered for replacement is Unit 252, a 37,000 GVW single axle 2009 International that was placed into service in June 2010 and has 31,877 miles and 2530 hours. This unit has a Radius Dump Spreader (RDS) dump body which has a permanent conveyor live bottom which limits the use of this truck in the hauling of debris and spoil. I propose to keep one (1) of the current tandems, Unit 267, which is used for the dust control operation of our gravel roads. Also, this truck is not equipped with a salt spreader during winter so that it is available for the use of hauling material/spoil from water main breaks and other needs of the department. The proposed fleet would then consist of three (3) tandem axle and four (4) single axle trucks with five (5) of them having junior side wing plows. Three years ago, our newest truck was outfitted with a junior side wing plow that has proven to be very effective and efficient in our snow plowing operations.

Two (2) of the replacement vehicles will be 58,000 GVW tandem axle 2020 International cab & chassis and two (2) will be 44,000 GVW single axle 2020 International cab & chassis. These vehicles would be purchased through the State Purchasing Program (MI-Deal) from West Michigan International Inc. of Muskegon Heights, Michigan for a purchase price of \$112,180 each for the 58,000 GVW and a price of \$94,360 each for the 44,000 GVW for a total purchase price of \$413,080.

The snow and ice equipment will also be purchased through the State Purchasing Program (MI-Deal) from Truck & Trailer Specialties Inc. of Dutton, Michigan. Truck & Trailer Specialties will install all of the necessary snow and ice equipment on the cabs and chassis. Outfitting the two (2) tandem trucks will be done at a price of \$93,409 each which includes the rebuilding of two (2) of the current salt spreaders, a new pre-wet system, plows and controls. An additional cost of \$1,580 will be added to one (1) of the



Internal Memo

tandems for the programming and adding additional equipment for the operation of the City's dust control tank. The outfitting of the two (2) single axle trucks will be done at a cost of \$94,176 each that includes new v box spreader and all necessary snow and ice control equipment. The total cost to Truck & Trailer for outfitting and building is \$376,750.

All trucks will be equipped with seven (7) foot Monroe junior mid-mount side wing plows. The junior side wing will make plowing more efficient by saving time plowing local and major snow routes which will also reduce fuel costs. The savings could be as much as one third on the winter operations budget over the course of the winter season. The pre-wet deicing and spreader controls will be consistent and identical to the remaining snow and ice control trucks. This will eliminate having to train employees on a different system. The lead time for the delivery of the cab and chassis is six (6) months and the lead time for outfitting the units is 270-300 days after receipt of cab and chassis.

The total cost for the four (4) units recommended is \$789,830 leaving a fund balance of \$278,170. A small portion of the funding balance would be used for decals and installation of City 2-way radios. Funds have been generated in the Equipment Replacement Program through Schedule "C" rental rates charged to the Streets and Drainage Division.

Staff requests City Council authorization to purchase these units from West Michigan International Inc. along with the snow and ice equipment from Truck & Trailer Specialties at their meeting on Tuesday, August 20. It is also requested that City Council give authorization to sell the three (3) tandem axle and one (1) single axle units when removed from service.

Please contact me if you should need any further information or have any questions concerning this matter.

Respectfully Submitted,

A handwritten signature in blue ink that reads "Bryan DeGroot".

Bryan DeGroot

Streets & Drainage Superintendent