




CITY of NOVI CITY COUNCIL

Agenda Item 2
March 28, 2016

SUBJECT: Approval to purchase four (4) Monroe dual auger V-box combination salt spreaders with pre-wet systems and self-storing leg kits from Truck and Trailer Specialties, Inc., using the State of Michigan MiDeal cooperative purchasing contract, in the amount of \$102,973.

SUBMITTING DEPARTMENT: Department of Public Services – Field Operations Division 

CITY MANAGER APPROVAL: 

EXPENDITURE REQUIRED	\$102,973
AMOUNT BUDGETED	\$320,200 (101.442.20-982.000 – Miscellaneous Equipment)
APPROPRIATION REQUIRED	N/A
LINE ITEM NUMBER	101.442.20-982.000 (Miscellaneous Equipment)

BACKGROUND INFORMATION:

The City of Novi is continuously looking to improve winter maintenance services to its residents and business owners. In recent years, the Novi City Council has provided resources to: transition old hydraulically-controlled components (plows, salt spreaders, dump box cylinders) to computerized technology; add wing plows for more efficient clearing; install automatic vehicle location (AVL) devices to verify and optimize winter maintenance services; and, replace outdated trucks with technologically-advanced ones.

The procurement of four V-boxes (14' unit for a tandem axle truck, #611, and three 11' units for truck #601, #602, and #619) will help to continue the trend of providing an improved level of excellence in winter maintenance operations (see attached photographs). There are three main benefits to procuring this equipment:

1. Each truck can apply exact amounts of deicing material based on rate of speed (i.e., if the controls are set to apply material at 300 pounds/lane mile the augers will only turn fast enough to match the pace of the truck to provide uniform application), which helps to save money and protect the environment.
2. Trucks no longer have to travel down the roadway lifting their dump boxes to move materials to the conveyor and spinner fixed to the back of the truck, allowing for safer operations and reduced product loss.
3. The inserts can be removed at any time to allow the truck to perform other functions (such as hauling materials). This feature helps to increase efficiency and diversify truck use.

The pricing for each unit was obtained through the MiDeal State contract awarded to Truck and Trailer Specialties of Dutton Michigan. The City of Novi has satisfactorily done business with the vendor in the past.

Each unit will be installed prior to the 2016 – 2017 winter season.

RECOMMENDED ACTION: Approval to purchase four (4) Monroe dual auger V-box combination salt spreaders with pre-wet systems and self-storing leg kits from Truck and Trailer Specialties, Inc., using the State of Michigan MiDeal cooperative purchasing contract, in the amount of \$102,973.

	1	2	Y	N
Mayor Gatt				
Mayor Pro Tem Staudt				
Council Member Burke				
Council Member Casey				

	1	2	Y	N
Council Member Markham				
Council Member Mutch				
Council Member Wrobel				



Truck & Trailer Specialties
6726 Hanna Lake
Dutton, Mi. 49316
Phone 616-698-8215, Fax 616-698-0972

City of Novi
Attention: Matt Wiktorowski
RE: Breakdown of additions to Contract Pricing



State Contract No. 071B5500010

14 FT V box	
MDOT 14 ft v box base price- no spinner included	12,598.00
Prewet system with twin 100 gal tanks	3217.00
Total as per MDOT Contract	15,815.00

Additional items	
Rear discharge with dual 7" step-flighted augers-14 ft (includes top screens and hydraulic safety disconnect)	2,155.00
201 stainless steel tip-up adjustable spinner with poly spinner disc, Inverted V	946.00 581.00
24" rubber belt side spill shields with stainless retainer strap	440.00
Pre-wet stainless steel spray tube installed in auger trough	106.00
Four (4) winches with 4" straps for body tie-down	210.00
Stainless steel rear ladder	574.00
Remote vent kit for liquid tanks	169.00
Install jumper hoses with stainless steel hydraulic couplers	286.00
Stainless steel tailgate latch kit	427.00
Bolt-on, low-profile skid assemblies constructed of stainless steel	340.00
Labor-Install Prewet system	360.00
Labor- Install V box, tailgate latch, jumper hoses and hydraulic couplers, rubber side shields, side mounted winches and straps	1,020.00
Options discount 14 ft T&T volume MDOT discount	- (480.00)
Total	22,949.00

11 Ft V box	
MDOT 11 ft v box base price- no spinner included	10,280.00
Prewet system with twin 100 gal tanks	3217.00
Total as per MDOT Contract	13,497.00

Additional items	
Rear discharge with dual 7" step-flighted augers-11 ft (includes top screens and hydraulic safety disconnect)	1,967.00
201 stainless steel tip-up adjustable spinner with poly spinner disc, Inverted V -10 ft	946.00 581.00
24" rubber belt side spill shields with stainless retainer strap,	472.00
Pre-wet stainless steel spray tube installed in auger trough	106.00
Four (4) winches with 4" straps for body tie-down	210.00

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Stainless steel rear ladder	574.00
Remote vent kit for liquid tanks	169.00
Install jumper hoses with stainless steel hydraulic couplers	286.00
Stainless steel tailgate latch kit	427.00
Bolt-on, low-profile skid assemblies constructed of stainless steel	340.00
Labor- Install Prewet system	360.00
Labor- Install V box, tailgate latch, jumper hoses and hydraulic couplers, rubber side shields, side mounted winches and straps- 12 hrs	1,020.00
Total	20,955.00

Submitted By Dan Bouwman
04/21/16

Form No. DTMB-3522 (Rev. 4/2012)
 AUTHORITY: Act 431 of 1994
 COMPLETION: Required
 PENALTY: Contract will not be executed unless form is filed

STATE OF MICHIGAN
 DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
 PROCUREMENT
 P.O. BOX 30026, LANSING, MI 48909
 OR
 530 W. ALLEGAN, LANSING, MI 48933

NOTICE OF CONTRACT NO. 071B5500010
 between
THE STATE OF MICHIGAN
 and

NAME & ADDRESS OF CONTRACTOR:	PRIMARY CONTACT	EMAIL
Truck & Trailer Specialties, Inc. 6726 Hanna Lake Ave SE Dutton, MI 49316	Dan Bouwman	dbouwman@ttspec.com
	TELEPHONE	CONTRACTOR #, MAIL CODE
	1-616-698-8215	

STATE CONTACTS	AGENCY	NAME	PHONE	EMAIL
CONTRACT COMPLIANCE INSPECTOR:	MDOT	Jeff Turner	517-334-7763	Turnerj3@michigan.gov
BUYER:	DTMB	Yvon Dufour	517-284-6996	dufour@michigan.gov

CONTRACT SUMMARY:			
DESCRIPTION: Truck Build-up Winter Maintenance Components			
Optional Use			
INITIAL TERM	EFFECTIVE DATE	INITIAL EXPIRATION DATE	AVAILABLE OPTIONS
Three Years	October 1, 2014	September 30, 2017	Two one year options
PAYMENT TERMS	F.O.B	SHIPPED	SHIPPED FROM
Net 45 Days	Delivered	150 Days ARO	N/A
ALTERNATE PAYMENT OPTIONS:			AVAILABLE TO MiDEAL PARTICIPANTS
<input type="checkbox"/> P-card <input type="checkbox"/> Direct Voucher (DV) <input type="checkbox"/> Other			<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
MINIMUM DELIVERY REQUIREMENTS:			
No minimum order requirement			
MISCELLANEOUS INFORMATION:			
N/A			
ESTIMATED CONTRACT VALUE AT TIME OF EXECUTION:			\$6,549,109.00

THIS IS NOT AN ORDER: This Contract Agreement is awarded on the basis of our inquiry bearing the solicitation #007114B0002692. Orders for delivery will be issued through the issuance of a Purchase Order Form.

Winter Maintenance Truck Build-up Components			
Item No.	Unit	Description	Unit Price
1	EA.	Pre-wet Systems per specification # 04-PREWET.C14	\$3,217.00
2	EA.	Fuel tank and hydraulic reservoirs per specification # HYDTANK.C14	\$3,710.00
3	EA.	Ground speed oriented spreader control systems with electric over hydraulic joystick controls per specification # GRDSPD.C14	\$4,364.00
4	EA.	Automatic electric tarp assemblies per specification # 04-TARPS.C14	\$1,322.00
5	EA.	11 foot stainless steel dump bodies and hoists per specification # 04-11SSDMP.C14	\$15,010.00
6	EA.	14 foot stainless steel dump bodies and hoists per specification # 04-14SSDMP.C14	\$19,256.00
7.1	EA.	<u>11 foot</u> combination 45° slope side dump and spreader bodies with options, per specification # CMBBDY.C14	\$29,216.00
7.2	EA.	<u>14 foot</u> combination 45° slope side dump and spreader bodies with options, per specification # CMBBDY.C14	\$32,441.00
7.3	EA.	Option 1 - Reversing rear cross auger with side spinner	\$4,023.00
7.4	EA.	Option 2 - Reversing rear cross auger with center spinner	\$4,605.00
7.5	EA.	Option 3 - Rear tip up spinner with winch	\$2,004.00
7.6	EA.	Option 4 - Zero velocity spreader	\$5,680.00
7.7	EA.	Option 5 - Salt slurry generator	\$7,826.00
7.8	EA.	Option 6 - Belt over main conveyor chain	\$2,414.00
8	EA.	Underbody scraper, folding mold board style, per specification # 55-FMBBLD.C14	\$8,620.00
9	EA.	Underbody scraper, Mop style, per specification #55-MOPBLD.C14	\$8,390.00
10	EA.	Patrol wing plow, behind scraper mount, right or left, per specification # 57-0901SMW.C14	\$7,269.00
11	EA.	Junior wing plow, behind scraper mount, right or left, per specification # 57-0901SMWJR.C14	\$6,818.00
12	EA.	11 foot stainless steel hopper box material spreaders with options per specification # 60-11SS.C14	\$10,280.00
12.1	EA.	Option 1 - Reversing rear cross auger with side spinner	\$4,339.00
12.2	EA.	Option 2 - Zero velocity spreader	\$5,680.00
12.3		Option 3 - "Y" chute distributor	\$2,395.00
13	EA.	14 foot stainless steel hopper box material spreaders with options per specification # 60-14SS.C14	\$12,598.00
13.1	EA.	Option 1 - Reversing rear cross auger with side spinner	\$4,339.00
13.2	EA.	Option 2 - Zero velocity spreader	\$5,680.00
13.3	EA.	Option 3 - "Y" chute distributor	\$2,395.00
14	EA.	Quick hitch, Husting type for front snow plow, truck mounted, 34 inch per specification#04-PLOWJACK. C14	\$1,082.00
15.1	EA.	Hydraulic system, closed center, piston pump, ground speed controlled, system 1, per specification # HYD-PP.C14	\$9,398.00
15.2	EA.	Hydraulic system, closed center, piston pump, ground speed controlled, system 2, per specification # HYD-PP.C14	\$9,320.00