



CITY of NOVI CITY COUNCIL

Agenda Item E
September 25, 2017

SUBJECT: Approval to purchase a 2017 E42 Bobcat compact excavator from Carleton Equipment CO. through the MiDeal Purchasing contract in the amount of \$47,327.60.

SUBMITTING DEPARTMENT: Department of Public Services- Field Operations
Department of Public Services- Fleet Division

CITY MANAGER APPROVAL: *PA*

EXPENDITURE REQUIRED	\$ 47,327.60
AMOUNT BUDGETED	\$ 65,000 (101-442.20-982.013 Mini Excavator)
APPROPRIATION REQUIRED	\$ 0
LINE ITEM NUMBER	101-442.20-982.013 (FLD004 Mini Excavator – Replace #622)

BACKGROUND INFORMATION:

In the FY 2017-2018 the Novi City Council allocated funding for a 2017 E42 Bobcat compact excavator. The machine replaces a similar size 17-year-old similar unit, which will be sold on a public auction website to obtain the maximum return in resale price.

The current compact excavator is used regularly to maintain storm drain and roadway assets, as well as initiate other projects that require a machine with small implements and minimal weight. The new unit will have a greater reach to allow for deeper digging depth, than the current unit. This feature provides operators the ability to enhance the level of service provided to our residents.

Delivery of the machine is anticipated in December 2017.

RECOMMENDED ACTION: Approval to purchase a 2017 E42 Bobcat compact excavator from Carleton Equipment CO. through the MiDeal Purchasing contract in the amount of \$47,327.60.



Bobcat

Product Quotation

Quotation Number: HMM-05165
Date: 2017-09-18 08:49:28

Customer Name/Address:	Bobcat Dealer	ORDERS TO BE PLACED WITH: Contract Holder/Manufacturer
CITY OF NOVI Attn: MIKE RHATIGAN 26300 LEE BEGOLE DR NOVI, MI 48375	Chris Carleton Equipment Company Bobcat of Motor City, L 31231 SCHOOLCRAFT ROAD LIVONIA MI 48150 Phone: 734-421-9999 Fax: 734-261-9567	Clark Equipment Company dba Bobcat Company PO Box 6000, 250 E Beaton Dr West Fargo, ND 58078 Phone: 701-241-8719 Fax: 701-280-7860 Contact: Heather Messmer Heather.Messmer@doosan.com

Description	Part No	Qty	Price Ea.	Total
E42 T4 Bobcat Compact Excavator 42.7 HP Tier 4 Auto Idle Auto-Shift Auxiliary Hydraulics Selectable Flow with Boom Mounted Flush Face Quick Couplers Cab Forward Standard Display Canopy <ul style="list-style-type: none"> Includes: Cup Holder, Retractable Seat Belt, Suspension Seat with High Back Roll Over Protective Structure (ROPS)- Meets Requirements of ISO 12117-2: 2008 Tip Over Protective Structure (TOPS) - Meets Requirements of ISO 12117: 2000 Control Console Locks Control Pattern Selector Valve (ISO/STD) Dozer Blade with Float	M3213	1	\$37,487.10	\$37,487.10
	Engine/Hydraulic Monitor with Shutdown Fingertip Auxiliary Hydraulic Control Fingertip Boom Swing Control Horn Hydraulic Joystick Controls Rubber Track Two-Speed Travel (with Auto-Shift) Vandalism Protection Warranty: 12 Months, Unlimited Hours Work Lights X-Change (Attachment Mounting System)			
A71 Option Package Cab Enclosure with Heat and Air Conditioning Deluxe Cloth Suspension Seat	M3213-P01-A71	1	\$6,587.70	\$6,587.70
	Hydraulic X-Change Hydraulic Clamp (Class III)			
Long Arm w/ Enlarged Counterweight Travel Motion Alarm	M3213-R03-C02	1	\$1,423.10	\$1,423.10
12" Base Class 4	M3213-R11-C02	1	\$199.50	\$199.50
--- 12" X-Change Severe Duty Trenching Bucket, Class 4	M7025	1	\$0.00	\$0.00
	M7025-R01-C02	1	\$684.00	\$684.00
24" Base Class 4	M7022	1	\$0.00	\$0.00
--- 24" X-Change Severe Duty Trenching Bucket, Class 4	M7022-R01-C02	1	\$946.20	\$946.20
Total of Items Quoted				\$47,327.60
Dealer Assembly Charges				\$0.00
Quote Total - US dollars				\$47,327.60

Notes:

ORDER ACCEPTED BY:

SIGNATURE

DATED

PRINT NAME AND TITLE

PURCHASE ORDER #

SHIP TO ADDRESS: _____

BILL TO ADDRESS (if different than Ship To): _____

****Prices off Michigan State Contract# 071B7700088. Contract Period: 01/13/17 THROUGH 01/12/21***

****MUST Be a Member of the MI Deal State Coop***

****Terms Net 30 Days. Credit cards accepted.***

****FOB: Destination within the 48 Contiguous States.***

****Delivery: 60 to 90 days from ARO.***

****State Sales Taxes apply. IF Tax Exempt, please include Tax Exempt Certificate with order.***

****TID# 38-0425350***

****Orders Must be Placed With: Clark Equipment Company dba Bobcat Company, Govt Sales, 250 E Beaton Drive, PO Box 6000, West Fargo, ND 58078.***



Prices & Specifications are subject to change. Please call before placing an order. Applies to factory ordered units only.

Excavators / E42 Compact Excavator

Specifications & Options

■ Standard
 ☑ Optional
 N/A Not Applicable

Units **US**

Configuration	Bobcat E42		
	Standard	Long Arm	Extendable Arm
Engine			
Emissions Tier (EPA)	Tier 4	Tier 4	Tier 4
Engine Fuel	Diesel		
Maximum Governed RPM	2,200 rpm	2,200 rpm	2,200 rpm
Horsepower	42.7 hp	42.7 hp	42.7 hp
Turbocharged Engine	☑	☑	☑
Optional Horsepower	n/a		

Performance

Operating Weight	9,246 lb	9,722 lb	9,976 lb
Weight Class	4.2 t	4.4 t	4.5 t
Travel Speed - High	2.9 mph	2.9 mph	2.9 mph
Travel Speed - Low	1.6 mph	1.6 mph	1.6 mph
Arm Digging Force	5,762 lbf	4,953 lbf	5,672 lbf
Bucket Digging Force	9,183 lbf	9,183 lbf	9,183 lbf
Rated Lift Capacity	4603 lb	4435 lb	4180 lb
Lift Radius	118 in		
Boom Swing - Left	75°		
Boom Swing - Right	50°		
Maximum Dig Depth	10.5 ft	11.5 ft	12.5 ft
Max Dump Height	12.2 ft	12.8 ft	13.3 ft
Maximum Reach at Ground Level	17.3 ft	18.2 ft	19.1 ft

Capacities

Fuel Tank	21.1 gal
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Hydraulic System

Auxiliary Std Flow	20 gal/min		
Auxiliary Pressure	3,045 psi	3,045 psi	3,045 psi

Dimension

Length	200 in	201.6 in	200 in
Overall Length in Travel Position	200 in	201.6 in	200 in
Width	68.9 in	68.9 in	68.9 in
Height	98.7 in	98.7 in	98.7 in
Height with Operator Cab	98.7 in	98.7 in	98.7 in

Features

Air Conditioning	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cab Enclosure	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cab Heater	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Heater Air Conditioning	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Radio	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Tail Swing Type	Conventional	Conventional	Conventional
Engine Shutdown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Auxiliary Hydraulics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Secondary Auxiliary Hydraulics	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Quick Tach System	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rubber Track	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Selectable Auxiliary Hydraulic Flow	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Angle Blade	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Certain specification(s) are based on engineering calculations and are not actual measurements. Specification(s) are provided for comparison purposes only and are subject to change without notice. Specification(s) for your individual equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors.

