



500 West Big Beaver
Troy, MI 48084
troymi.gov

CITY COUNCIL AGENDA ITEM



Date: February 6, 2023

To: Mark F. Miller, City Manager

From: Robert J. Bruner, Assistant City Manager
Rob Maleszyk, Chief Financial Officer
Dee Ann Irby, Controller
Kurt Bovensiep, Public Works Director
Emily Frontera, Purchasing Manager

Subject: Standard Purchasing Resolution 4: State of Michigan MiDeal Cooperative Purchasing Contract - 4 Ton Falcon Asphalt Recycler Hot Box Trailer

History

The Streets and Drains Division is responsible for maintaining the city's major, industrial, and local road surfaces. These surfaces require maintenance to ensure the safety of vehicular traffic. When the pavement surface fails causing a pothole, the city responds by installing a cold patch material. The Streets Division warms this material in a Hot Box Trailer for better placement and increases the adhesives properties. This particular Hot Box Trailer will also allow the Streets Division to use excess asphalt stock piled at the Department of Public Works Yard to a useable material to replace the purchased cold patch. This will reduce the amount of expenditures for the cold patch material.

Purchasing

- Pricing to purchase a 4-ton Asphalt Recycler & Hot Box Trailer including various options on the trailer unit has been provided by *Falcon Asphalt Repair Equipment of Midland, MI*, the awarded low bidder for the State of Michigan MiDEAL Cooperative Contract #071B7700092, for an estimate total cost of \$22,979.43 which includes a \$5,000 trade-in allowance for a 2013 Falcon 4 Ton, as detailed in the attached quote #OZ01112023-017.
- City Council authorized participation in the Cooperative Purchasing Programs on November 14, 2022 (Resolution #2022-11-157).

Financial

Funds are budgeted and available in the Streets General Equipment Capital Fund under Project Number 2023C0117 for the 2023 fiscal year. Expenditures will be charged to account number 401.447.479.7978.010.

Recommendation

City Management recommends awarding a contract to purchase one (1) 4-Ton Falcon Asphalt Recycler & Hot Box Trailer including various options from *Falcon Asphalt Repair Equipment of Midland, MI*, for an estimated total cost of \$22,979.43, at prices contained in quote #OZ01112023-017, as per the State of Michigan MiDeal Cooperative Contract #071B7700092 and reflects a trade in allowance of \$5,000 for a 2013 Falcon 4 Ton.



MiDeal PRICE QUOTE

No. OZ01112023-017

2600 W Salzburg Street
Freeland, MI 48623
Phone: (989) 495 – 9332
Fax: (989) 495 – 9342

Requested By: City of Troy, MI

Quote Date	Quote Good Through	Freight Terms	Requested By	Payment Terms
1/11/2023	3/1/2023	FOB Freeland, MI	Mike	Net 30 Days

Qty	Item No	Description	Price
1		4-Ton Falcon Asphalt Recycler & Hot Box Trailer 12-Volt Battery Triple Wall Construction and Fully Insulated Automatic Temperature Control Diesel Burner VIP Technology - Voltage Indicator and Protector Controller Automatically Prevents Burner(s) from Operating Below Burner Manufacturer's Required Voltage One-Piece, Seamless Ceramic Combustion Chamber Independently Certified 92% Fuel Efficiency Diamond Tread Plate Hopper Access Platform Electric Brakes w/ Safety Breakaway Conspicuity Tape Included Options: Battery Charger Package Single diesel burner Dump Box (12-Volt Electric Over Hydraulic) Tandem Axle Trailer Frame - 2" x 6" x 1/4" Tubular Steel Standard frame – 16' Falcon Smart Control package includes: VIP, 7-day timer, fuel level gauge, hour meter, voltmeter, and temperature gauge LED Lighting Upgrade - Two Red Stop/Tail/Turn Lights and One Amber Strobe Per Side Night Work Lights - LED Strobe Warning Light Upgrade to ST235/80R 16" Tires - Load Range E Tool Holder - 10-Positions Release agent basket Hopper extensions	\$27,619.43

Hopper access step	
Trade In's:	
2013 Falcon 4 Ton (deduct)	(\$5,000)
Operator, Parts and Service Manual	Included
Two-Year Machine Warranty and Lifetime Frame Warranty	Included
Freight to Troy, MI	\$360
Total:	\$22,979.43

Plus Applicable Sales Tax

Why Falcon?

It's Versatile

- Recycle leftover asphalt, chunks and millings (a dual burner unit is required to recycle millings)
- Transport asphalt and keep it hot all day and hold it overnight
- Heat and re-heat cold patch

It's Cost-Effective

- When used as a hot box, it eliminates asphalt waste that occurs in the back of an unheated truck bed
- When used as a recycler, it recycles leftover asphalt and asphalt chunks torn up from the pavement
- Independently certified 92% fuel efficiency – uses less than 3 gallons of fuel per 8-hour shift

It's Reliable

- VIP Technology (patent pending) – Protects burner components by automatically preventing burner from operating with low battery voltage
- A Falcon is designed to allow the burner to run while in tow - preventing material from cooling while being transported
- Heat management system is engineered to provide even hopper temperatures – eliminating material scorching from hot spots and material hardening from cold spots
- Standard 2-year machine warranty and lifetime frame warranty

It's a Falcon

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