



## CITY COUNCIL AGENDA ITEM

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Date: November 4, 2013

To: Brian Kischnick, City Manager

From: Timothy L. Richnak, Public Works Director  
MaryBeth Murz, Purchasing Manager  
Kurt Bovensiepe, Superintendent Parks, Streets and Drains

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

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### **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 pothole(s), the City responds by installing a cold patch material. The Streets Division warms this material in a Hot Box Trailer which ensures 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 so as to replace the purchased cold patch. This will reduce the amount of expenditures for the cold patch material.

### **Purchasing**

The Michigan MiDeal Contract prequalifies vendors and equipment through a competitive bid process. Falcon Asphalt Repair Equipment of Midland, MI is one of the awarded low bidders from the State of Michigan and is included in Contract #071B1300079 for its 4-Ton Asphalt Recycler & Hot Box Trailer including various options on the trailer unit as per the attached quote detailing the equipment and options.

### **Financial**

Funds for this piece of equipment are available in the Capital Budget of the Public Works Streets Division.

### **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 \$24,402, at prices detailed and contained in the quote #OZ103113-600 as per the Michigan MiDeal Contract #071B1300079.



**Options:**

Battery Charger Package	\$492
Dual Burner Recycling Package with 24-Hour Timer	\$4,050
Dump Box (12-Volt Electric Over Hydraulic)	\$4,070
Upgrade to Two 5-Position Tool Holders	\$205
Warning Light / STROBE	\$335
Front and Rear Hopper Extensions	\$525
Tire Upgrade to ST235/80 R16	\$650
Hopper Access Step	\$175
Shovel Holders on Rear Unloading Door	\$150

Picture of 4-Ton Dump Box Trailer



**Standards For The Falcon Asphalt Recycler & Hot Box:**

-Ability to recycle asphalt chunks and millings. Visit Falcon's website at [www.falconrme.com](http://www.falconrme.com) for a recycling video.

-A patented heat management system with a burner box combustion chamber constructed of a one-piece, seamless, vacuum formed ceramic fiber that is 1" thick with an insulation rating for temperatures in excess of 2,000 degrees Fahrenheit (required for recycling asphalt millings).

Cross-section of seamless combustion chamber provided.

-Combustion efficiency rating exceeds 90% when tested at 105,000 BTU. Independent, 3rd party test results, on a qualified diesel burner testing facility's letterhead, are provided.