

**Ken R. LaCasse**  
*Public Service Superintendent*

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**The City of Vadnais Heights**  
800 East County Road E  
Vadnais Heights, MN 55127

## *Memorandum:*

TO: Mayor Krachmer and City Council Members

FROM: Ken LaCasse, Public Service Superintendent

DATE: May 2, 2023

SUBJECT: Asphalt Hot Box Trailer purchase

### **Recommended Council Action**

Approve purchase of a Falcon asphalt hot box trailer and accessories for the total sum of \$49,972.00

### **Background**

Patching trailer is used to keep asphalt patching material warm for extended periods keeping it loose enough to fill holes and patches in streets, trails and parking lots. Since this trailer was purchased in 2018, crews have put down 200 to 300 tons by hand each year. That is enough material to lay an 8 foot wide 3 inch thick trail for 1500 ft. each year. This is a vital piece of equipment as the city is required to respond to pothole complaints within a reasonable amount of time. Our current patching trailer is 5 years old but has seen 10 years' worth of service. Our patching program was recently crippled by a broken axle. City crews will use the new and older trailer for the next couple years or until street reconstruction program can reduce the need for excessive patching.

The new trailer will have added features that will help crews work safely and make quality repairs when used with our other new patching equipment. It has the capacity to reuse old asphalt. This will allow us to repair holes before asphalt plants open while reducing the amount needed to be hauled back to an asphalt/concrete recycling facility. Recycled asphalt creates a better long repair than cold patch material.

Attached;  
Quote  
Photo

**PRICE QUOTE**

No. 1005



4258 153<sup>rd</sup> Ave NE  
 Ham Lake, MN 55304  
 763-587-8930

Requested By: Kenneth Lacasse  
 Vadnais Heights, MN

Quote Date	Quote Good Through	Freight Terms	Requested By	Payment Terms
5/19/23	12/30/23	FOB Vadnais Heights, MN	Kenneth	Net 30 Days

Qty	Item No	Description	Price
1	4T2B	4 Ton Falcon Asphalt Hot Box Trailer Dual Burner Recycling Package 12-Volt Battery Triple Wall Construction and Fully Insulated Automatic Temperature Control VIP Technology - Voltage Indicator and Protector Controller Automatically Prevents Burner from Operating Below Burner Manufacturer's Required Voltage Diamond Tread Plate Hopper Access Platform Two 8 bolt axles with GVWR of 14,000 lbs. Slipper Spring Suspension Tires - 9 x 16" Electric Brakes w/ Safety Breakaway Conspicuity Tape <b>Included Options:</b> Catwalk for Patcher 30 Gallon Heated/Insulated/ Gravity feed Tack Tank Battery Charger Package Hydraulic Dump Trailer, Power up and Gravity Down Bracket for Hydraulic Pendant Mounted on Rear of Trailer Extended Trailer Hitch (3 feet total) Strobe Warning Light with Mounting Bracket.	\$49,972.00

LED Strobe Warning Light Mounted on Post on Front Hopper Wall  
LED Tail Light Upgrade Two Red Stop/Tail/Turn Lights and One  
Amber Strobe per side.

Solvent Tank

Fuel Gauge

7 Day Timer

Operator, Parts and Service Manual

Two-Year Machine Warranty and Lifetime Frame Warranty

Freight to Vadnais Heights, MN 680 Miles Included in Price

**Total with Freight Included Plus Applicable Sales Tax**

**MN State Contract: Swift Event #13366**

