



**TOWN OF ROCHESTER HIGHWAY DEPARTMENT**

50 Scenic Drive - PO Box 65 - Accord, New York 12404

Phone 845-626-7221 Fax 845-626-0172

December 29, 2021

Dear Members of the Board,

I am writing to seek approval for purchase of a Falcon 4 Ton Asphalt Hot Box and Recycler for \$32,091.00. This item is eligible for CHIPS reimbursement.

Sincerely,

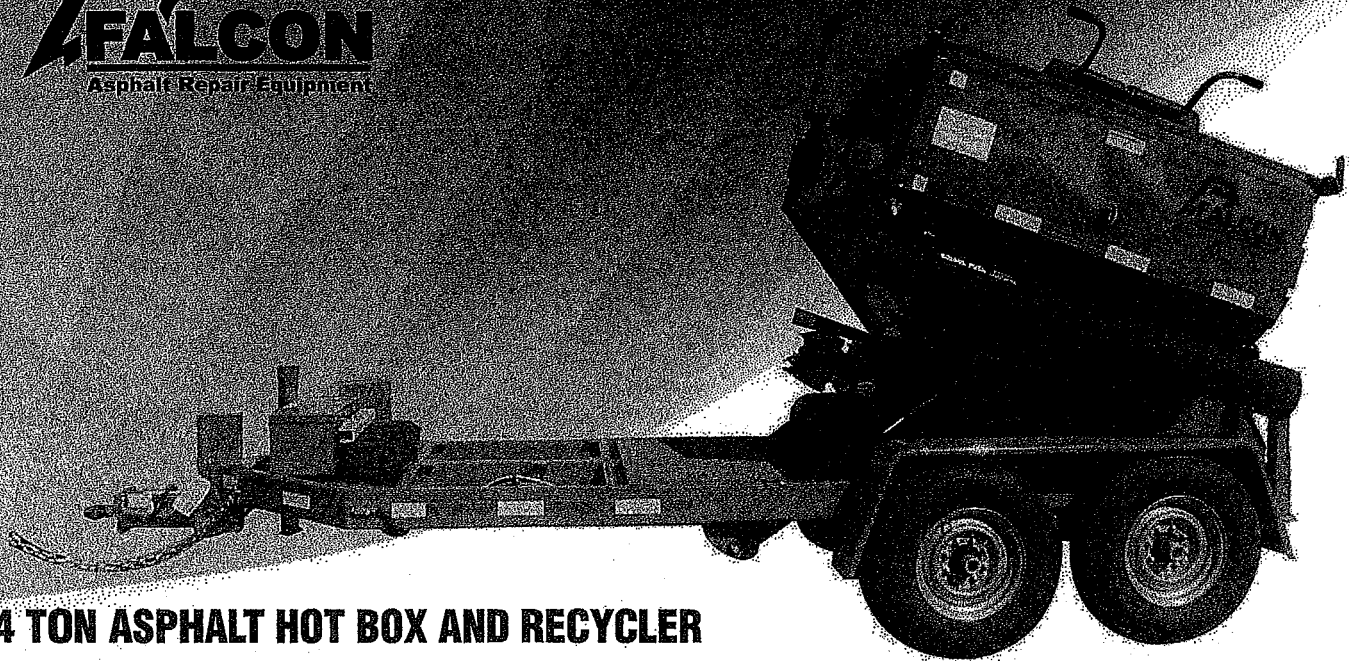
A handwritten signature in black ink, appearing to read "Jeffrey Frey", with a long horizontal line extending to the right.

Jeffrey Frey

Superintendent of Highways



**FALCON**  
Asphalt Repair Equipment



## 4 TON ASPHALT HOT BOX AND RECYCLER

### STANDARD:

- Battery charger package
- Automatic temperature control
- VIP technology
- One piece ceramic combustion chamber (diesel)
- Diamond tread plate hopper access platform
- Heated shoveling platform
- 12 volt deep cycle batteries
- Conspicuity tape

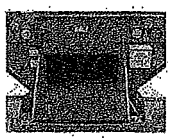
### OPTIONS:

- Hydraulic dump function
- Dual burner recycling package
- Hydraulic loading and unloading doors
- LED light upgrades including LED arrow board
- 30 gallon tack tank with spray system and hose reel
- Basket for mounting compactor
- Wash-down system
- 24-hour or 7-day timer
- Short frame - 14'
- XL frame - 18', 20'
- Electric overnight heat
- Hoist - manual or electric
- Tire upgrade
- Propane torch with bracket
- Other customizable options available

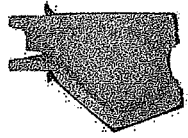
Falcon hot boxes and recyclers give you unparalleled **versatility**. You can **transport cold mix**, keeping it warm during the winter months and making it easier to work with; you can **transport hot mix and keep it hot all day**; and you can **hold hot mix overnight**, keeping it warm for up to 48 hours. You can also **reclaim unused hot mix**, eliminating the waste of good material, and you can **recycle asphalt chunks and millings**. All of this makes Falcon the most versatile machine you can buy for pavement preservation.

All Falcon machines are built with pride in Midland, Michigan and come with the following standard features: **patented heat management system** featuring a 5-year maintenance-free combustion chamber, **large unloading door** for easy access, **patented VIP system** to eliminate damage from low voltage, a **2-year machine warranty and lifetime frame warranty**, an emphasis on **curbside safety** and easy platform work surfaces, and a durable and **reliable dump system**.

### THE FALCON ADVANTAGE



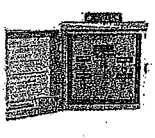
Large Unloading Door For Easy Access



Patented Heat Management System



Platform For Safe, Easy Hopper Access



Patented VIP - Low Voltage Shutdown



Dump System - Pivot Point & V-Body



Lifetime Frame Warranty

Falcon Asphalt Repair Equipment  
2000 Austin Street  
Midland, MI 48642  
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Phone: (989) 495-9332  
Fax: (989) 495-9342  
www.falconrme.com

**WWW.FALCONRME.COM**



McGrath Municipal Equipment, LLC  
 PO Box 422  
 Springfield, NJ 07081-0422

(973) 258-1947  
 (973) 404-8821 fax

October 18, 2021

Mr. Jeff Frey  
 Superintendent of Highways  
 Town of Rochester  
 PO Box 65  
 Accord, NY 12404



Dear Mr. Frey:

Thank you for your interest in Falcon Road Maintenance Equipment. Per our conversation, below is a quotation based on your requirements.

**4-Ton Falcon RME Asphalt Hot Patcher Dump Trailer**

SKU #	Item Description	List Price	ESCNJ Price
MI10259	<b>Hopper:</b> <ul style="list-style-type: none"> <li>• 4 Ton capacity</li> <li>• Triple Wall Constructed, 100% Insulated</li> <li>• Horizontal Heat Duct through center of hopper</li> <li>• Insulated, Fully Opening Loading Doors</li> <li>• Door Handles slide out allowing for leverage in ease of opening and are positively locked for safety when opened</li> <li>• Flange bearings on top loading doors</li> <li>• Doors are pitched 2" to avoid moisture build on top of hopper</li> <li>• All walls are constructed of one piece steel and are continuously welded to avoid rust spots and deterioration in the future</li> <li>• Low profile design makes viewing / cleaning inside the hopper easier</li> </ul>	\$ 25,918	\$ 23,326
NJP0030	<b>Material Metering Door</b> <ul style="list-style-type: none"> <li>• Guillotine style door opens in multiple positions to control release of asphalt</li> <li>• Door is 33" x 18" to allow complete and easy unloading of material</li> <li>• Operator handle on curb side, two-hand closing operation for safety</li> <li>• Worktable is heated</li> <li>• Release Agent Sprayer Holder</li> </ul>	\$ 338	\$ 304

	<p><b>Heat Source and Controls:</b></p> <ul style="list-style-type: none"> <li>• Diesel burner – 105,000 BTU Beckett Burner <ul style="list-style-type: none"> <li>○ No special hazmat license required</li> <li>○ Safer than Propane, simplified refueling process</li> <li>○ Lower cost per hour of operation</li> </ul> </li> <li>• One-Piece Vacuum Formed Combustion Chamber – 92% Efficiency</li> <li>• One switch start</li> <li>• Automatic Temperature Control <ul style="list-style-type: none"> <li>○ Digitally set temperature – shuts off when desired temp is reached</li> <li>○ When temp in hopper drops 10°, burner is ignited to maintain proper temperature</li> </ul> </li> <li>• 12Volt 550 Cranking Deep Cell Battery and Box</li> <li>• Battery Charger</li> <li>• Voltage Indicator Protection (low volt shut-down)</li> <li>• Full access to Diesel burner from above the frame</li> </ul>		
<b>NJP0002</b>	<p><b>Dump Body</b></p> <ul style="list-style-type: none"> <li>• Dumping capability – hopper to tilt 45°</li> <li>• Allows for material to be evacuated out of hopper without shoveling. Important when filling cuts and cleaning material out of the hopper.</li> <li>• Electronic over Hydraulic – self-contained hydraulic system</li> <li>• Two (2) Stabilizing Legs</li> <li>• Push button controller connected by a 15' power cord</li> </ul>	<b>\$ 5,615</b>	<b>\$ 5,054</b>
<b>NJP0004</b>	<p><b>Trailer</b></p> <ul style="list-style-type: none"> <li>• National Association of Trailer Manufacturers (NATM) Certified</li> <li>• DOT Compliant – lighting / conspicuity tape</li> <li>• Trailer Frame – tubular steel with gussets for strength</li> <li>• Continuous welds on entire frame for strength</li> <li>• Trailer RBM Rating 293,040 in (lbs)</li> <li>• Electric Brakes</li> <li>• 15 gallon fuel tank mounted on the side of the hopper</li> <li>• Tandem Axle – 14,000 GVWR</li> <li>• Extended Frame (2')</li> <li>• Four (4) Tires – 16" x 6" 12-ply tires mounted on 8-bolt wheels</li> <li>• 2' Extended Trailer Hitch</li> <li>• Tool holder – Five (5) positions</li> <li>• Diamond tread plate, non-slip hopper access platform for easy access to Hopper</li> </ul>	<b>\$ 253</b>	<b>\$ 228</b>
<b>NJP0050</b>		<b>\$ 186</b>	<b>\$ 167</b>
<b>NJP0084</b>		<b>\$ 188</b>	<b>\$ 169</b>
	<p><b>Engineering / Construction</b></p> <ul style="list-style-type: none"> <li>• CNC Machined parts based on AutoCad drawings ensures standardized parts for future replacement</li> <li>• All wiring and encloses are NEMA 3 Rated</li> <li>• All wires are soldered and shrink wrapped</li> <li>• 3 Step Painting Process – entire unit to be painted "red", "yellow", "orange" or "black" <ul style="list-style-type: none"> <li>○ Sandblasted</li> <li>○ Epoxy Primer</li> <li>○ Urethane Finish (6 mills) thick</li> <li>○</li> </ul> </li> </ul>		

<b>NJP0026</b>	<b>Lighting</b> <ul style="list-style-type: none"> <li>• Two (2) 4" round Stop/Tail/Turn and One (1) 4" round LED Amber strobe lights on each side of hopper</li> <li>• 360° Strobe Light</li> <li>• Night Work LED Lights</li> <li>• ID Bar above door and red/orange market lights</li> <li>• All lights are shock mounted for protection from asphalt</li> <li>• Conspicuity tape</li> </ul>	<b>\$ 622</b>	<b>\$ 560</b>
<b>NJP0086</b>		<b>\$ 424</b>	<b>\$ 381</b>
<b>NJP0029</b>		<b>\$ 513</b>	<b>\$ 462</b>
	<b>Freight – 720 miles x \$ 2.00/mile</b>		<b>\$ 1,440</b>
	<b>OGS Contract Price</b>		<b>\$ 32,091</b>

Operation, Parts and Service Manuals  
 Three Year End to End Warranty  
 Five Year Combustion Chamber – Burner Box Warranty  
 Lifetime Frame Warranty  
 Delivery to Accord, NY and Training included

Lead Time after order – 60 Days  
 Field Service is Provided – technician to be on-site within 48 hours of call

Yours truly,

*Ray McGrath*

Ray McGrath  
 McGrath Municipal Equipment, LLC

**NYS OGS Contract**

Name of the contract: Heavy Equipment

Group number: 40625

Award number: 22792

Contract number: PC68466

Name on contract: Falcon Road Maintenance Equipment, LLC