



City of Grand Island

Tuesday, January 28, 2020

Council Session

Item G-12

#2020-27 - Approving Purchase of One (1) Asphalt Hot-Box for the Streets Division of the Public Works Department

Staff Contact: John Collins, P.E. - Public Works Director

Council Agenda Memo

From: Shannon Callahan, Street Superintendent

Meeting: January 28, 2020

Subject: Approving Purchase of One (1) Asphalt Hot-Box for the Streets Division of the Public Works Department

Presenter(s): John Collins PE, Public Works Director

Background

The Streets Division is responsible for maintaining roadways in a safe manner and an important part of this operation is pothole patching. A cold patch asphalt mix is used to patch potholes throughout the year. During the winter months there are a greater number of potholes and the low temperatures require the cold patch mix to be heated to remain in a workable condition.

The Streets Division currently uses a homemade system to heat the cold patch material. This system is comprised of a trailer with a tarp and tube that is connected to the towing vehicle's exhaust system. The exhaust produces the heat and the tarp is used to retain as much of that heat as possible. This system is in need of repairs and is not as effective in the very cold months as during warmer months. It is anticipated that the axles of this trailer can be salvaged, with the remainder of the trailer scrap.



Existing cold patch trailer setup with hose connected to exhaust for heat source.

For these reasons, the Streets Division has been researching other methods including asphalt hot boxes. An asphalt hot box is a fully enclosed unit with its own heating source and thermostat. This allows the temperature of the box to be controlled based on the weather conditions and amount of material. Most hot boxes also feature a dump box which allows the asphalt mix to be gravity fed to the opening or chute.

As part of this research, a Falcon Hot Box was rented to ensure it would meet the City's needs. This unit has been used for several weeks and has worked extremely well compared to our existing method.



New Falcon 2-Ton Transporter Asphalt Hot Box

The Streets Division of the Public Works Department has budgeted funds for a new Snow Heaver in the 2019/2020 Fiscal Year but is recommending a portion of these funds be used to purchase an Asphalt Hot Box instead.

Discussion

To meet competitive bidding requirements, the Streets Division obtained pricing for a new Asphalt Hot Box from State of Nebraska Contract No 14934 OC that was awarded to/referenced the (NJPA) Sourcewell Contract No. 052417-FRM awarded to Falcon Road Maintenance Equipment, Inc.; with Logan Contractors Supply of Omaha, NE assigned as our authorized dealer.

The City of Grand Island City Council approved the use of the National Joint Powers Alliance Buying Group (NJPA), now known as Sourcewell, with Resolution 2014-326.

Per the Sourcewell Contract No. 052417-FRM, the price for the new Falcon 2-Ton Transporter Asphalt Hot Box that meets the City's specifications will be \$30,778.00.

Alternatives

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

1. Move to approve
2. Refer the issue to a Committee
3. Postpone the issue to future date
4. Take no action on the issue

Recommendation

City Administration recommends that the Council approve the purchase of a new Falcon 2-Ton Transporter Asphalt Hot Box from Logan Contractors Supply of Omaha, NE for a net purchase price of \$30,778.00.

Sample Motion

Move to approve the purchase of a new Falcon 2-Ton Transporter Asphalt Hot Box from Logan Contractors Supply of Omaha, NE for a net purchase price of \$30,778.00.

RESOLUTION 2020-27

WHEREAS, Sourcewell, formerly known as the National Joint Powers Alliance, cooperative purchasing group was utilized to secure competitive bids for a new Asphalt Hot Box by the Streets Division of the Public Works Department; and

WHEREAS, Sourcewell Contract No. 052417-FRM was awarded to Falcon Road Maintenance Equipment, Inc. and authorized Logan Contractors Supply of Omaha, NE to offer said contract pricing to the City of Grand Island, Nebraska; and

WHEREAS, the Public Works Department has recommended the purchase of a new Falcon 2-Ton Transporter Asphalt Hot Box from Logan Contractors Supply of Omaha, NE for a purchase price of \$30,778.00.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that a purchase order and subsequent payment for the Falcon 2-Ton Transporter Asphalt Hot Box from Logan Contractors Supply of Omaha, NE of Grand Island, NE is hereby approved.

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Adopted by the City Council of the City of Grand Island, Nebraska, January 28, 2020.

Roger G. Steele, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form ✕ _____
January 24, 2020 ✕ City Attorney