

**ROCHELLE CITY COUNCIL
AGENDA ITEM MEMO
REGULAR MEETING**

SUBJECT: MEMO WAIVING COMPETITIVE BIDDING REQUIREMENTS AND AUTHORIZING THE PURCHASE OF ONE NEW 2-TON FALCON ASPHALT RECYCLER AND COLD PATCH TRAILER.

Staff Contact: Tim Isley

Summary: The Rochelle Street Department maintains approximately 160 lane miles of City roads, 7 miles of alleys, and 14 parking lots. Nearly all this pavement is asphalt and as it deteriorates over time, surface cracks can form allowing water to seep in causing further deterioration by saturating and softening the road base. As traffic loads the fractured surface, small blocks of asphalt are thrown out, initiating the pothole. During the winter months this can be exacerbated by freeze-thaw cycles, which can quickly lead to a large pothole.

The Street Department uses a Falcon asphalt recycler and hot box unit to patch potholes, temporarily patch road openings, and level or taper pavement displacements. This piece of equipment is primarily used to warm cold patch asphalt, so it is easily workable, especially during the winter. However, it can also maintain the temperature of hot mix asphalt for over 48 hours and is capable of reclaiming hot mix asphalt chunks and millings.

The Street Department's current Falcon hot box is approximately 16 years old. This has been a reliable piece of equipment, but due to the age of the machine and amount of use, the diesel burner that heats the unit is getting worn out. And the insulated air jacket that contains the heat is deteriorating, causing longer startup times and less overall efficiency throughout the day.

Street Department staff have researched and demonstrated several other reputable vendors with similar units. After evaluating these similar units and taking into consideration the performance, reliability and simplicity of our current unit, staff recommends purchasing one new 2-Ton Falcon asphalt recycler and hot box trailer.

The 2023 Street Department Budget includes funds of \$40,000 for the purchase of one new asphalt recycler and cold patch trailer. Midwest Paving Equipment has submitted an offer of \$36,337.00. This offer is reflective of Purchasing Cooperative of America (PCA) Contract # PCA OD-362-22. This contract meets competitive bidding requirements, except local advertising.

Funding Sources:

Source:	Budgeted Amount:	Proposed Expenditure:
01-41-83000	\$40,000	\$36,377.00

Strategic Plan Goal Application:

Short term routine – replacing infrastructure/assets.

Recommendation: Consider approving the purchase of one new Falcon asphalt recycler and hot box from Midwest Paving Equipment, Inc. in the amount \$36,377.00, reflective of Purchasing Cooperative of America Contract # PCA OD-362-22.