



City of Rochester Hills
AGENDA SUMMARY
FINANCIAL ITEMS

1000 Rochester Hills Dr.
Rochester Hills, MI 48309
248.656.4630
www.rochesterhills.org

Legislative File No: 2012-0284

TO: Mayor and City Council Members

FROM: Allan Schneck, P.E. Director Department of Public Services

DATE: July 24, 2012

SUBJECT: Hot Asphalt Patching Unit

REQUEST:

City Council is requested to authorize the purchase of one (1) Four Ton Hot Asphalt Patching Unit to Falcon Road Maintenance Equipment, Midland, Michigan in the amount not to exceed \$24,347.00.

REASON FOR PURCHASE:

Request for Proposals for the purchase of one (1) new Four Ton Hot Asphalt Patching Unit were solicited and four (4) responses were received. The City's current Asphalt Patching Unit is fully depreciated and is due for replacement. The current patching unit is recommended for replacement as it has become unreliable and routinely has issues with the burner ignition remaining operable in damp conditions. The burner ignition chamber and flue assembly design are such that deformation due to high heat concentration occurs after approximately twelve (12) months requiring replacement at a significant expense. The Asphalt Patching Unit will be disposed of through public surplus auction.

The Proposal process consisted of two stages; proposal review and product demonstration. Proposals were evaluated by Purchasing and DPS/Fleet personnel. Scoring for each phase of the proposal and product demonstration process was conducted. From the proposal review process the evaluation committee shortlisted and subsequently asked for product demonstration and presentations from three (3) vendors. The evaluation team included Fleet personnel who evaluated the equipment from a repair and maintenance perspective and DPS field personnel that evaluated the equipment on operability based on their field experience as the users who are actually performing the pothole repairs in the field. Criteria to evaluate the demonstration included the following areas: Serviceability, Durability, Accessibility, Ease of Operation and Quality of Manufacture. Falcon Road Maintenance Equipment was selected as providing the best value and a quality product at the lowest cost available. The selection was supported by several positive references received from other communities utilizing Falcon Road Maintenance Equipment for purchase of their equipment. The new unit will include a small vibratory roller and mounting basket that will efficiently compact patch material prolonging patch life, and help eliminate material from being "rolled out" of the pothole because of vehicle tires.

The costs for the asphalt unit identified below are over the 2012 budgeted amount. Reasons for increased cost are: The new unit includes additional equipment and features such as a hydraulically operated dumping hopper so when a different patch material is to be used, material that is in the hopper can be dumped out instead of being manually shoveled by the operators saving a considerable amount of time and effort. The new unit also has burner controls with a timer providing for the unit to pre-heat automatically before the shift saving staff time. A vibratory roller and basket is included that will help make patching operations more efficient and effective. Escalations in steel and material cost are also factors for

increased cost. The Department is proposing that funding for the asphalt roller provided for in the 2012 budget (\$20,160.00) instead be used for this purchase. Fleet performed an evaluation of the City's current asphalt roller and due to the relatively low hours and reduced asphalt repair operations by the department it is recommended that the replacement of this equipment be deferred. The useful life remaining on the current roller is estimated to be 3-4 more years.

PROCESS:

Vendor Name and Address:

Falcon Road Maintenance Equipment
 120 Waldo Avenue
 Midland, MI 48642

Reason for Selection:

Best Value

Method of Purchase:

Purchase Order

BUDGET:

If approved, Fiscal shall increase the budget for the Asphalt Patcher to the approved level and shall decrease the budget for the Asphalt Roller (\$20,160) as part of the 3rd Quarter Budget Amendment.

Fund Name	Department Account No	Account No. Description	Budget Amount	Cost	Remaining Budget
Fleet Fund	661.977000	Capital: Equipment	\$15,000.00	\$24,347.00	\$(9,347.00)

RECOMMENDATION:

It is recommended that City Council authorize the purchase of one (1) Four Ton Asphalt Patching Unit to Falcon Road Maintenance Equipment, Midland, Michigan, for an amount not-to-exceed \$24,347.00.

APPROVALS:	SIGNATURE	DATE
Department Review		
Department Director		
Budget Content: Finance Director		
Purchasing Process: Supervisor of Procurement		
Mayor		
City Council Liaison		