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Muscatine IA 52761-5040
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Public Works

City Transit
263-8152

MEMORANDUM

Equipment Maintenance
Roadway Maintenance
Collection & Drainage
Building & Grounds
Engineering

To: Mayor and City Council Members

CC: Rich Klimes, Interim City Administrator

FROM: Brian Stineman, Public Works Director

DATE: December 10, 2019

RE: Request Approval for Purchase of Asphalt Recycler and Hot Box

INTRODUCTION:

During the 2019/2020 budget process, the Roadway Maintenance Division was granted \$50,000 for the purchase of an asphalt recycling machine. This amount was based on a request for one piece of equipment to recycle and transport asphalt. During the selection process the Public Works Department witnessed demonstrations from three companies of three different pieces of equipment. Our decision and recommendation is detailed below.

BACKGROUND:

Public Works witnessed demonstrations of asphalt reheaters and recyclers from Spaulding Manufacturing, Falcon, and KM International. While many aspects of the machines were similar in function and style and all would serve to keep hot asphalt hot, it became obvious during these demonstrations that only the KM-T2 Asphalt Recycler was able to meet the city's goal of recycling ground asphalt and making it into a usable product. Unfortunately the KM-T2 asphalt recycler is not well suited for taking the recycled asphalt and putting it directly where it needs to go. For this we need to have a hot box for transport. We looked at all of the other vendors again and KM International's price for the KM 8000TEDD was the lowest and provided the best value for the city. All of KM International's equipment is available for purchase through the National Cooperative Purchasing Alliance and has already been approved by multiple government agencies. The original budgeted amount for this equipment was \$50,000. At the time of the budget request it was assumed that we could do everything with one piece of equipment. We now know that two machines will provide optimal service and therefore propose to delay the purchase of the 4-way nine foot plow, drop trailer, and replacement of a leaf box listed in the 2019/2020 budget. Doing this will free up funds to obtain this equipment by the end of January so we can use it as soon as possible to patch holes this winter.

RECOMMENDATION/RATIONALE:

Staff requests that Council issue a purchase order to KM International in the amount of \$109,073.75 for the KM-T2 Asphalt Recycler and the KM-8000TEDD Hotbox/Reclaimer. Funds are available for the majority of the cost of this equipment due to several capital outlay purchases coming in under budget and from deferring other capital purchases in the Roadway Maintenance, Snow & Ice Control and Street Cleaning Budgets. The remaining amount of approximately \$7,200 will be funded from Road Use Tax.

BACKUP INFORMATION:

Quote and equipment photos

K M INTERNATIONAL
6561 BERNIE KOHLER DRIVE

KMII QUOTE

Date	Estimate #
12/6/2019	30380

Name / Address
MUSCATINE CITY OF BRIAN STINEMAN 1459 WASHINGTON STREET MUSCATINE IA 52761

Ship To
MUSCATINE CITY OF BRIAN STINEMAN 1459 WASHINGTON STREET MUSCATINE, IA 52761

P.O. No.	Terms	Rep	Delivery
	Net 30	KS	PO 30-45 DAYS

Item	Description	Qty	Cost	Total
KM T2 C1 M2	KM T2 C1 M2 ASPHALT RECYCLER TANDEM AXLE TRAILER MOUNTED W/ SCISSOR HOIST DUMP, 4 TON/HOUR CAPACITY, 700,000 BTU DIESEL FUEL HEATED, 898CC KUBOTA DIESEL POWERED ENGINE, 75 GALLON FUEL TANK	1	74,575.00	74,575.00T
KM 8000TEDD C2M2	KM 8000TEDD C2M2- 4 TON ASPHALT HOTBOX/RECLAIMER DIESEL FIRED HYDRAULIC DUMP TRAILER (18' STD) WITH ELECTRIC BRAKES,	1	26,030.00	26,030.00T
EXTENDED TRAILER (8000)	KM 8000 EXTENDED TRAILER; ADDS 2 FEET (18 FT. TO 20 FT.)TO OVERALL LENGTH (TO ACCOMMODATE 2-18X DECK/TACK TANK/ETC.)	1	475.00	475.00T
SOLVENT TANK	SOLVENT TANK OPTION, 7 GAL, LATCHED HINGED LID, 3/4" BOTTOM DRAIN W/ PLUG, 4000/8000	1	356.25	356.25T
LIGHT, STROBE - REAR FENDER	KM STROBE; 4" AMBER STROBE LIGHTS, MOUNTED SWITCHED	1	660.00	660.00T
LIGHT BAR (8000)	MOUNTED ON REAR OF FENDERS (8000T ONLY) KM 8000 LIGHT BAR OPTION; DIRECTIONAL ARROW BOARD & CONTROLLER INCLUDES HARDWARE, BRACKETS, ENCLOSURE (TRAFFICMASTER)	1	1,377.50	1,377.50T

Tax Indemnification. Buyer shall pay, and indemnify and hold Seller, and its Affiliates, and all officers, directors, employees and agents harmless from and against, any taxes that may at any time be asserted in respect of the transactions described in this purchase order, or the Buyer's use or possession of the equipment that is the subject of this purchase order (including any sales, use, receipts, value added, occupation, excise, personal property, privilege or license taxes, or any withholdings, but not including taxes imposed upon Seller with respect to its overall net income) and costs, expenses and reasonable counsel fees in defending against the same, whether arising by reason of the Buyer's purchase, use or possession of the equipment or otherwise.

Total

Phone #	Fax #
(810) 688-1234	(810) 688-8765

Quoted By: _____

Accepted

Please note that ALL WARRANTY PARTS must be returned to KMI within 7 business days of customer receipt in order for credit to be issued.



KM-T2 Asphalt Recycler

Link to video: <https://www.youtube.com/watch?v=Z3qrw9bR4R0>



KM 8000 TEDD

Link to video: <https://www.youtube.com/watch?v=DXQk8wNlowo>