



1459 Washington St.
Muscatine, IA 52761-5040
(563) 263-8933
Fax (563) 263-2127

Public Works

City Transit

263-8152

MEMORANDUM

To: Gregg Mandsager, City Administrator
Through: Steve Boka, Community Development Director
CC: City Council
FROM: Steve Boka, Community Development Director,
Gale Fry, Vehicle Maintenance Supervisor
Kristy Korpi, Transit Supervisor
DATE: May 1, 2013
RE: Clean diesel grant program

Equipment Maintenance
Roadway Maintenance
Collection & Drainage
Building & Grounds
Engineering

INTRODUCTION:

The City Council approved acceptance of bids for clean diesel equipment for Transit buses and Street Department vehicles at the February 7, 2013 meeting. This grant was awarded to Muscatine from the Department of Natural Resources for purchase and installation of diesel reduction equipment. The grant funding is not to exceed \$123,564.00.

BACKGROUND:

The original application included the following vehicles to be fitted with the diesel emission reduction equipment include: Transit buses 240,241,242,243,244, and 245. All of these are 2006 El Dorado, 176" light duty transit buses. The Street Department equipment on the original bid included: two tandem axle dump trucks and 3 single axle dump trucks. The vehicle numbers for the tandem axle trucks are 66 and 71. The single axle trucks are numbers 117, 136, and 153.

Upon reviewing our original application, the Department of Natural Resources advised us to add additional vehicles to utilize the full grant amount. Two refuse handlers, vehicle no's 431 and 436 were added. Two single axle dump trucks were also added, vehicle no.'s 50 and 114. During the pretest of equipment, we learned two transit buses #238 and #239 were not compatible with the diesel particulate equipment. It was recommended they be fitted with a CCV and DOC. This revision was made and then deleted when we learned buses #238 and #239 were to be replaced, via funding from another source.

RECOMMENDATION/RATIONALE:

"I remember Muscatine for its sunsets. I have never seen any
on either side of the ocean that equaled them" — Mark Twain

It is our recommendation to have council approve p.o.'s. for Interstate Power Systems #38531 and Nelson Electric #38530.

BACKUP INFORMATION:

1. Interstate Power Systems bid for diesel particulate filters and back pressure monitors for transit equipment is \$58,320.00.
2. Interstate Power Systems bid for two, Diesel Particulate, Regeneration panels is \$5400.00.
3. Interstate Power Systems bid for nine, Diesel Oxidation Catalysts is \$13,933.62. And the accompanying Crankcase Ventilation Systems for nine, \$4770.45. Installation of these units \$7200.00.
4. Nelson Electric's bid for installation of the two regeneration panels is \$4500.00.

CITY OF MUSCATINE - PURCHASE REQUISITION

Purchase Order No. 38530

Please Order the Following from:

Nelson Electric
703 Clay Street
Muscatine, IA 52761

Ship Materials Listed Below to:

Public Works Department
1459 Washington St.
Muscatine, IA 52761

Requisition Date: 05/02/13	Ship Via:	FOB:	Freight Terms:	Cancel Date:
Delivery:				
Terms:	New Orders Confirm to Name and Phone #: Beau	New Order or Confirming Order <input type="checkbox"/> xxx <input type="checkbox"/>		
Requested by: G. Fry	Vendor Message:	Account Number: 5211.5211.67130		

Account No. (if different from above)	QUANTITY	Items	Unit Price	Extended Price
5211.5211.67130		Installation of regeneration panels for DPF's for DERA Grant		\$4,500.00

Transit Operations Department/DivisionGale M. Fry ^{mtb}

Department Head

Other Quotes or Attach List (Required if \$500 or higher):

AS PER BID SUBMITTED FOR DERA Grant

Explanation if Low Quote Not Recommended or Other Quotes not Listed:

CITY OF MUSCATINE - PURCHASE REQUISITION

Purchase Order No. 38531

Please Order the Following from:

Interstate Power Systems
8309 North Fairmount St.
Davenport, IA 52806

Ship Materials Listed Below to:

Public Works Department
1459 Washington St.
Muscatine, IA 52761

Requisition Date: 05/02/13	Ship Via:	FOB:	Freight Terms:	Cancel Date:
Delivery:				
Terms:	New Orders Confirm to Name and Phone #: Mike Seright	New Order or Confirming Order <input type="checkbox"/> <input type="checkbox"/> xxxx		
Requested by: G. Fry	Vendor Message:	Account Number: SEE BELOW FOR BREAKDOWN		

Account No. (if different from above)	QUANTITY	Items	Unit Price	Extended Price
5211.5211.53220	6	Diesel Particulate Filters & Back Pressure Monitors	\$9,720.00	\$58,320.00
5211.5211.67130		installation of DPF's and BPM		\$5,400.00
5211.5211.74200	2	Regeneration Panels for DPF's	\$8,586.73	\$17,173.46
1000.1621.53220	9	Diesel Oxidation Catalysts	\$1,548.18	\$13,933.62
1000.1621.53220	9	Crankcase Ventilation Systems	\$530.05	\$4,770.45
1000.1621.67130	9	installation of DOC's and CCV's	\$800.00	<u>\$7,200.00</u>
				\$106,797.53

Transit/Roadway Maintenance Department/DivisionGale M. Fry *mf*

Department Head

Other Quotes or Attach List (Required if \$500 or higher):

AS PER BID SUBMITTED FOR DERA Grant

Explanation if Low Quote Not Recommended or Other Quotes not Listed: