

Staff Report

for the Board of Directors Meeting of February 24, 2021

TO: Board of Directors

FROM: Robert A. MacDonald, Interim Maintenance Manager 

DATE: February 16, 2021

SUBJECT: Purchase of 10-yard Dump Trucks


MAINTENANCE

RECOMMENDATION:

Approve the purchase of two (2) new 10-yard dump trucks from Dobbs Peterbilt (West Sacramento) in the amount of \$326,898.36, and authorize the Interim General Manager to execute the appropriate documents.

BACKGROUND:

The District's fleet is subject to California Air Resources Board (CARB) regulations. On-road diesel vehicles with a GVWR of 14,001+ lbs must reduce exhaust emissions by meeting particulate matter (PM) filter requirements and upgrading to newer engines. Vehicles with a 2010 engine model year (EMY) or newer are fully compliant. However, heavier vehicles with a GVWR greater than 26,000 lbs must upgrade as reflected in the following table:

EMY Schedule for Heavier Vehicles (>26,000 lbs. GVWR)		
EMY	Level 3 PM Filter	2010 EMY by
Pre-1994	Not required	January 1, 2015
1994-1995	Not required	January 1, 2016
1996-1999	January 1, 2012	January 1, 2020
2000-2004	January 1, 2013	January 1, 2021
2005 or newer	January 1, 2014	January 1, 2022
2007-2009	If already equipped	January 1, 2023 

The District has four (4) trucks with 2007 and 2008 EMYs, which will need to be replaced by January 1, 2023. To reduce both budgetary and operational impacts, the Maintenance Department has planned to replace two (2) 10-yard dump trucks (#9895 and #9998) in 2021 and the remaining two (2) 5-yard dump trucks (#10003 and #10004) in 2022.

BUDGETARY IMPACT:

The Purchasing Department solicited a Request for Quotation (RFQ) from NorCal Kenworth, Riverview International, Sacramento Truck Center and Dobbs Peterbilt, and received the following costs per truck:

Nevada Irrigation District
RFQ #899 - 2021 10 YARD DUMP TRUCKS

<i>VENDOR NAME</i>	<i>TOTAL</i>
Riverview International Trucks	\$161,880.15
Dobbs Peterbilt	\$163,449.18
NorCal Kenworth	\$164,128.61
Sacramento Truck Center	\$176,046.82

While there is a cost difference of \$1,569.03 per truck between the lowest quotation by Riverview International and the second lowest quotation by Dobbs Peterbilt, the District should also take into consideration additional maintenance (parts, delivery, support, etc.), performance and warranty factors when selecting the best, overall truck for its fleet. Below are several important differences between the Peterbilt and International truck:

- Peterbilt’s Diesel Emissions Fluid (DEF) tank is 31 gal; International’s is only 15.9 gal.
- Peterbilt has higher starter “cold cranking amps” at 2,190 CCAs; International’s is 1,980 CCAs.
- Peterbilt has a 5-year warranty on the starter; International’s is under the “standard” 2-year warranty.
- Peterbilt comes with a 2-year subscription to “Smart LINQ” that will automatically generate alert e-mails to the District if the “Check Engine” light comes on or if a service is required.
- The International comes with a “propriety radiator drain” that requires a specialized tool that the District would need to purchase in order to drain system coolant.
- The District’s Equipment Mechanic Supervisor is currently experiencing issues with International’s inability to diagnose and rectify a “Check Engine” light on the District’s existing 7-yard International dump truck. After multiple trips to Sacramento and downtime to the fleet and staff, International is claiming that its technicians cannot determine or repair the source of the “Check Engine” light.

As stated in the RFQ, the District is not obligated to select the lowest price; it can “Accept other than the lowest quotation.” Maintenance would like to purchase the trucks from Dobbs Peterbilt for multiple reasons, including those listed above.

The 2021 Maintenance Budget includes \$360,000.00 in 10191-52902 for the purchase of the two (2) new 10-yard dump trucks. The total purchase price for both trucks from Dobbs Peterbilt is \$326,898.36, leaving a remaining balance of \$33,101.64.

RAM/jjv

Attachments (0)