

CITY OF PALM DESERT STAFF REPORT

MEETING DATE: March 28, 2024

PREPARED BY: Randy Chavez, Deputy Director of Public Works

REQUEST: REJECT THE PROPOSAL TO PURCHASE OF A DIESEL STREET SWEEPER AND APPROVE THE PROPOSAL TO PURCHASE OF CNG STREET SWEEPER FROM PB LOADER CORPORATION TO IMPROVE CITYWIDE ROADWAY AND PARKING LOT MAINTENANCE

RECOMMENDATION:

1. Reject previous request to purchase an Elgin Broom Bear Diesel Street Sweeper from Haaker Equipment Company of La Verne, California.
2. Authorize the purchase of a CNG Powered Street Chassis with XBroom (Street Sweeper) from PB Loader Corporation of Fresno, California, in the amount of \$624,527.35.
3. Authorize the Director of Finance to set aside a contingency of \$25,000 for any unforeseen fees and ancillary equipment.
4. Authorize the Finance Director to appropriate additional funds in the amount of \$170,333.08 from unobligated Equipment Replacement Fund Balance to Account No. 5304310-4403000.
5. Authorize City Manager to approve the use of the contingency and any documents necessary to effectuate actions taken herewith.

BACKGROUND/ANALYSIS:

The City of Palm Desert has faced increasing windborne sand events, necessitating improved roadway and parking lot sweeping maintenance. Initially, in response to this challenge, the City brought forth a proposal for the purchase of a diesel street sweeper, which was approved by the City Council on February 15, 2024. While compliant with emission standards set by the California Air Resources Board (CARB), upon further review, it was discovered that the diesel street sweeper did not meet the emission standards mandated by the South Coast Air Quality Management District (AQMD) under Rule 1186, rendering it ineligible for purchase.

Alternatively, a Compressed Natural Gas (CNG) street sweeper is proposed for Council approval. CNG street sweepers are powered by compressed natural gas, which is a cleaner burning fuel compared to diesel. They produce lower emissions, contributing to improved air quality and environmental sustainability. Additionally, CNG is cost-effective and readily available within a third of a mile radius, making it a viable alternative for street sweeping operations.

Staff contacted PB Loader Corporation (Vendor) to request quotes for different equipment types. This Vendor provides pricing pursuant to a cooperative purchasing agreement through Sourcewell. By utilizing this cooperative pricing schedule, the City is assured of the best pricing on quality products. Thus, procurement requirements have been satisfied as another public agency conducted public bidding, pursuant to Palm Desert Municipal Code Section 3.30.160(E).

City of Palm Desert
 CNG Street Sweeper

Staff recommends the purchase of a CNG Powered Street Chassis with XBroom from PB Loader Corporation from Fresno, California, in the amount of \$624,527.35. The recommendation also incorporates a contingency of an additional \$25,000 for brooms and unforeseen fees. If approved, the sweeper would be delivered in October 2024.

Legal Review:

This report has been reviewed by the City Attorney’s Office.

FINANCIAL IMPACT:

The approved Capital Improvement Project (CIP) List for Fiscal Year 2023/24 includes a total of \$480,000 for the purchase of various equipment as follows:

Account / Equipment	Budget	Actual Cost	Estimated Cost	Balance
EV Carpools	\$150,000	Pending	\$100,000	
Graffiti Truck	\$110,000	Pending	\$150,000	
Concrete Truck	\$100,000	\$124,138.36		
Dump Trailer	\$20,000	\$15,201.65		
Mini Excavator	\$60,000	\$54,537.01		
Utility Golf Cart	\$40,000	\$33,560.82		
Cost Total		\$227,437.84	\$250,000	
FY 23/24 Total	\$480,000		\$477,437.84	\$2,562.16
			02/15/24 Diesel Street Sweeper Appropriation	\$479,194.27
			03/28/24 CNG Street Sweeper Additional Appropriation	\$170,333.08
			Account Total	\$652,089.51

The acquisition of the Compressed Natural Gas (CNG) street sweeper in lieu of the Diesel sweeper requires an additional appropriation totaling \$170,333.08 as detailed below:

Appropriation Necessary	
Unit Price	\$628,842.00
Government Discount (Sourcewell)	(\$49,244.00)
Sales Tax (7.75%) & CA Tire Recycling Fee	\$44,929.35
Total Purchase Price:	\$624,527.35
Contingency	\$ 25,000.00
Total Request:	\$649,527.35
Appropriation Request of 02/15/24:	(\$479,194.27)
ADDITIONAL APPROPRIATION REQUEST:	\$170,333.08

ATTACHMENTS:

1. Vendor Quote
2. Staff Report (February 15, 2024)