



CITY COUNCIL AGENDA REPORT

MEETING DATE: NOVEMBER 17, 2015

ITEM NUMBER: **CC-4**

SUBJECT: AWARD THE PURCHASE OF ONE NEW 2016 DUMP TRUCK

DATE: NOVEMBER 5, 2015

FROM: PUBLIC SERVICES DEPARTMENT / MAINTENANCE SERVICES DIVISION

PRESENTATION BY: ERNESTO MUNOZ, PUBLIC SERVICES DIRECTOR

FOR FURTHER INFORMATION CONTACT: BRUCE LINDEMANN, MAINTENANCE SUPERINTENDENT (714) 327-7470

RECOMMENDATION

Approve and authorize the Chief Executive Officer to execute a purchase order for the purchase of one new 2016 114SD Freightliner Conventional Chassis with a compressed natural gas powered engine and a fifteen foot (15') 10/12 cubic yard capacity dump bed, through the National Joint Powers Alliance (NJPA) #102811, in conjunction with National Auto Fleet Group, 490 Auto Center Drive, Watsonville, Ca 95076 in the amount of \$181,334.16.

BACKGROUND

Included in the City's adopted FY 2015-16 Operations and Capital Improvement Budget, this purchase will replace three (3) existing dump trucks with one new piece of equipment. This will reduce the number of dump trucks in the City fleet to more cost effectively meet the operational needs of the Maintenance Services Division.

This purchase provides for a dump truck that will be used primarily by the City's Street Maintenance Section. This vehicle will replace three (3) existing dump trucks that have exceeded their useful life:

- Unit #342 a 1984 Ford LT-9000 with 185,469 miles. This vehicle has a cracked frame and blown head gaskets. The cost of repair is greater than the value of the truck.
- Unit #345 is a 1986 Freightliner with 355,000 miles. It requires a new engine and transmission.
- Unit #184 is a 1990 Ford F-700 with 128,013 miles. It has extensive engine and body wear and age related damage. Parts for this vehicle are difficult to locate and it has extreme difficulty meeting the bi-annual smog testing requirements.

The purchase of a dump truck with a compressed natural gas (CNG) powered engine furthers the City's goal of meeting the California Air Resources Board (CARB) requirements for pollution reduction of Tier Four heavy equipment. The CARB regulations are intended to remove diesel-powered heavy equipment from the air basin as they reach the end of their useful life, or to re-power newer equipment with CNG powered engines.

ANALYSIS

Purchasing this vehicle through National Auto Fleet Group in conjunction with the National Joint Powers Alliance (NJPA) meets all requirements set forth in the City of Costa Mesa's purchasing policy manual and all requirements set forth by the State of California in regards to regional cooperative purchasing agreements. The NJPA established pre-approved vendors following a nation-wide competitive bid process. This assures that the City receives the lowest available pricing and meets the competitive bid process requirements, and has been utilized successfully for several previous vehicle purchases.

The City Council adopted the FY 2105-16 Public Services Department operating budget which included the elimination of three heavy duty dump trucks and the purchase of one new replacement vehicle. With the elimination of the residential paving program previously performed by City staff, there is no longer a need to have several heavy duty dump trucks in the fleet. City staff no longer hauls large quantities of asphalt or excavated spoils requiring multiple trucks. The residential streets are rehabilitated through the Capital Improvement Program utilizing contract services. City crews continue to do moderate size street repairs, excavations, haul purchased aggregate and take large loads of debris to the landfill necessitating at least one large dump truck be retained in the City fleet. This vehicle would also be a key piece of equipment should there be a local emergency involving flooding, building or road collapse or other event involving the need to import or export materials.

ALTERNATIVES CONSIDERED

The replacement of the dump truck could be denied. However, due to the age and poor condition of the existing trucks, rebuilding or refurbishing these vehicles is not a cost effective option. Not having an operational dump truck will result in potential increases in the cost of waste disposal, a significant decline in the level of service provided during street renovation projects and a loss of the ability to deliver requested materials such as sand or rock during emergency and inclement weather events. Staff does not recommend this option.

FISCAL REVIEW

City Council allocated \$200,000 in funding for this purchase through adoption of the FY 2015-16 Public Services Department's operations budget.

LEGAL REVIEW

There is no legal review required on this item.

CONCLUSION

Staff recommends that the City Council approve and authorize the Chief Executive Officer to execute a purchase order for the purchase of a 2016 114SD Freightliner Chassis with a fifteen foot (15') dump bed through the National Joint Powers Alliance (NJPA) #102811-in conjunction with National Auto Fleet Group, 490 Auto Center Drive, Watsonville, CA 95076, in the amount of \$181,334.16.

ERNESTO MUNOZ
Public Services Director

BRUCE HARTLEY
Maintenance Services Manager

ATTACHMENT: 1. [Cost Quotation – National Auto Fleet Group](#)