



500 West Big Beaver
Troy, MI 48084
troymi.gov

CITY COUNCIL AGENDA ITEM

Date: April 25, 2022

To: Mark F. Miller, City Manager

From: Robert J. Bruner, Assistant City Manager
Dee Ann Irby, Controller
Richard C. Riesterer, Fire Chief
Kurt Bovensiepe, Public Works Director
Brian D. Varney, Fleet Operations Manager
Emily Frontera, Purchasing Manager

Subject: Bid Waiver – Cummins Engine Repairs and Maintenance

History

The Fire Department maintains a 24/7 response model which includes a fleet of 18 large-vehicular apparatus. This includes engines, 75' and 100' aerial apparatus, and specialty vehicles. The fleet is made up of different manufacturers and parts. The bulk of the large vehicles within the fleet have Cummins brand engines, while others have Detroit Diesel brand engines.

Regrettably, over the last two years, two (2) of the aerial platform ladder trucks, which were outfitted with Detroit Diesel engines, experienced catastrophic engine failures. Replacement apparatus have already been approved and are on order. Deliveries are expected later this year for Ladder 4, and early next year for Ladder 2.

After these breakdowns occurred, the Fire Department met with the City of Troy Fleet Division to discuss these failures, and what options are available to minimize future losses. It was determined that the best practice would be to take each apparatus to the coordinating engine manufacturer for evaluation. This was conducted over a several month period and a report was developed and returned for each vehicle. The remaining apparatus with Detroit Diesel engines came back with minor to no repairs needed. However, the Cummins engine evaluations were not as positive. Seven (7) of these vehicles need attention, with a total estimated cost of \$68,343.05.

Due to the need to maintain the readiness of the fire apparatus fleet, and the variable cost to maintain and repair the Cummins engines, it is in the City's best interest to have a blanket contract with Cummins Sales and Service as a sole source provider. This is particularly important during instances of unforeseen issues that require immediate maintenance.

Purchasing

- x A blanket contract would cover both scheduled and unforeseen repairs, replacements, and maintenance on Cummins engines.
- x It is not possible to secure competitive bids because Cummins Sales and Service is the sole source manufacturer for Cummins brand engines and parts.



500 West Big Beaver
Troy, MI 48084
troymi.gov

CITY COUNCIL AGENDA ITEM

Purchasing *(continued)*

- x A bid waiver is requested to authorize maintenance and repairs as needed, from Cummins Sales and Service on an ongoing basis, not to exceed budgetary limitations.

Financial

Funds are budgeted annually for fire apparatus repairs and maintenance in the Fire Department Contractual Services Contractor - Equipment Maintenance operating budget. Expenditures will be charged to account number 101.336.344.7802.150.

Recommendation

City Management recommends in the best interest of the City, that the bid process be waived and an ongoing contract be established with Cummins Sales and Service for repairs and maintenance associated to Cummins engines on an as needed basis, not to exceed budget limitations.