



REPORT

To: Chair and Directors

Report Number: CS-BRD-151

From: Sean Cairns, Protective Services Manager

Date: July 14, 2022

Subject: RFP Award 37-2022– MLFD Vehicle Exhaust Extraction System

RECOMMENDATION: [Corporate Weighted]

That the Regional Board award RFP 37-2022 'Moberly Lake Fire Department – Exhaust System' to D Bauer Mechanical Ltd for a maximum cost of \$115,140 (excluding taxes); and further that the Chair and Chief Administrative Officer be authorized to sign the agreement on behalf of the Peace River Regional District.

BACKGROUND/RATIONALE:

Presently the Moberly Lake Fire Department does not have the necessary equipment to remove vehicle exhaust from the fire apparatus bays. Section 31.32 of the *Occupational Health and Safety Regulation* states:

Unless air monitoring shows that levels of vehicle exhaust gas components are below the exposure limits established under section 5.48, effective local venting for the exhaust gases must be provided in vehicle areas in firehalls.

Eliminating the exposure to diesel exhaust gases is important for the health and safety of fire department members and visitors. Short-term exposure can cause irritation to the eyes, nose, throat and respiratory tract, as well as make pre-existing conditions such as asthma worse. Long-term exposure can have serious health effects including an increased risk of lung cancer.

The Peace River Regional District (PRRD) identified the lack of a vehicle exhaust system as an action item during the transition from a society-operated fire department to a PRRD-operated fire department. As a result, \$125,000 was included in the 2022 capital budget for function 335 (Moberly Lake Fire Department) to install a vehicle exhaust extrication system in the fire hall.

Only one proposal was received for RFP 37-2022. The proposal is within budget, compliant with the RFP requirements, and includes the necessary work to upgrade the main electrical panel to accommodate the additional electrical circuits. The new system will be capable of removing virtually 100 percent of all vehicle exhaust fumes at the source from start-up to exit of the apparatus from the fire hall.

ALTERNATIVE OPTIONS:

1. That the Regional Board provide further direction.

STRATEGIC PLAN RELEVANCE:

☒ Not Applicable to Strategic Plan

FINANCIAL CONSIDERATION(S):

The 2022 capital budget for function 335 (Moberly Lake Fire Department) includes \$125,000 for this project.

COMMUNICATIONS CONSIDERATION(S):

None at this time.

OTHER CONSIDERATION(S):

None at this time.