

AGENDA ITEM NO: 7.2

MEETING DATE: March 21, 2023

STAFF REPORT – COVER SHEET

SUBJECT: RFP – Fire Department Water Tankers DATE: March 10, 2023


DEPARTMENT: Fire Department PREPARED BY: Ian Josephson

1. SUMMARY OF ISSUE:

Request for Proposals (RFP's) have been received for the "2022 – Fire Department Water Tankers". Six (6) proposals were received and evaluated with the proposal with the highest number of evaluation points being submitted by Commercial Emergency Equipment. The recommended option is the lowest price and the equipment supplied by Commercial Emergency Equipment provides the greatest value over the life cycle of the unit through its enhanced functionality, local parts and service availability resulting in maximum efficiency and effectiveness.

2. RECOMMENDATION:

Recommendation that Council award the RFP for one "Fire Department Water Tanker", to Commercial Emergency Equipment in the amount of \$606,901.82 (plus applicable taxes); and further, that the Mayor and Corporate Officer be authorized to sign any necessary documentation.



Ian Josephson, Fire Chief

3. FINANCE COMMENTS:

Funding is included in the 2023 Financial Plan, funded by the Equipment Replacement Reserve Fund.



Glen Savard, Director of Finance

**4. CHIEF ADMINISTRATIVE OFFICER'S
RECOMMENDATION/COMMENTS:**

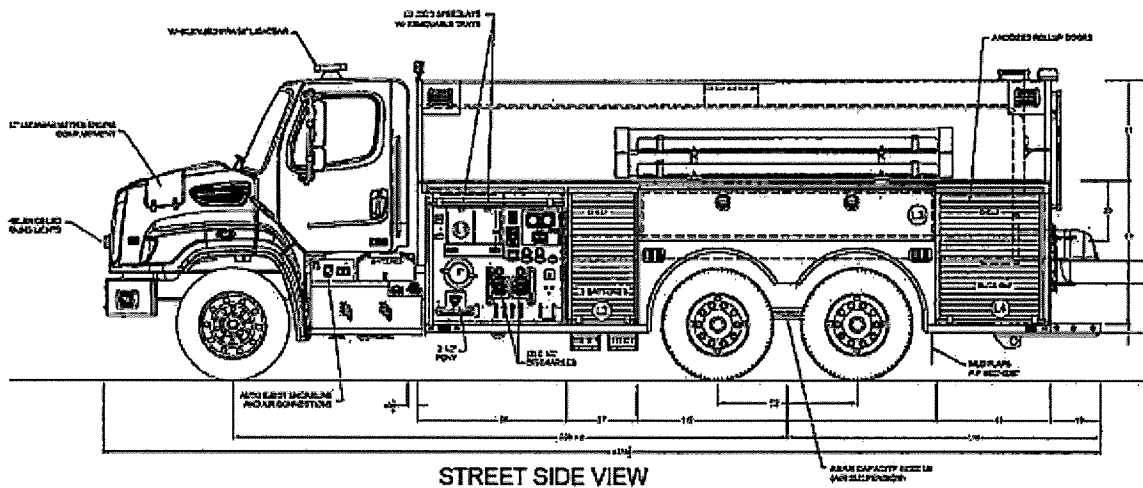
Supports recommendation.

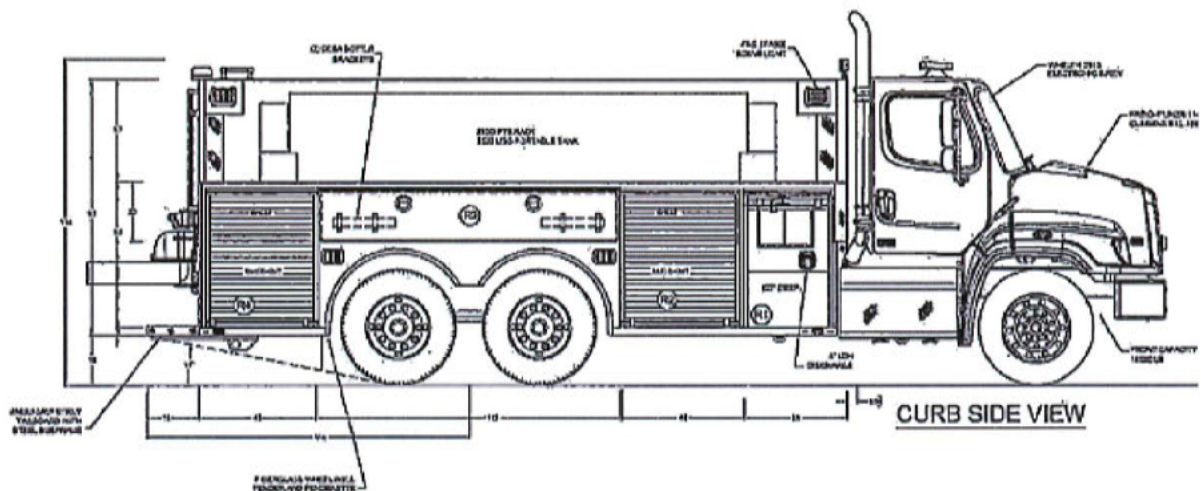


Chris Crosman, CAO

PREPARED BY: Ian Josephson DATE: March 10, 2023

POSITION: Fire Chief DEPARTMENT: Fire Department





Purchasing Schedule:

Year	Quantity of Tankers	Type of Acquisition
2022	2	1 New Acquisition & 1 Replacement
2023	1	1 Replacement
2024-2026	2	2 Replacements

2. RFP SUBMISSION DETAILS:

Company	RFP Price (plus applicable taxes)	Evaluation Points Total
Commercial Emergency Equipment	\$507,492.40	92.00
HUB Fire Engines and Equipment Ltd.	\$521,671.00	88.02
Safetek #1	\$511,211.00	80.76
Safetek #2	\$616,290.00	67.34
Safetek #3	\$828,855.00	40.21
Safetek #4	\$867,108.00	38.20

Submissions have been received in response to the "Fire Department Water Tankers" Request for Proposal (RFP) that closed on March 23, 2022. A total of six (6) submissions were received by the closing deadline. All submissions were evaluated for both price and technical merit with Commercial Emergency Equipment realizing a total of 92.00 RFP points. The RFP submission from Commercial Emergency Equipment therefore provides the best value, equipment and service for the City over the twenty-five (25) year's life span of the fire trucks.

3. EVALUATION PROCESS:

The evaluation criteria for this unit was based on multiple factors with the most value being given to the unit's operational efficiencies and effectiveness, as well as the ability and capacity of local

dealer support. The four-person evaluation team visited all local service and parts locations to confirm levels of support included in each vendor's proposal.

Evaluation points were allocated as follows:

Criteria	Max. Points Available
Mandatory Requirements	Pass/Fail
Proposed Equipment Information	10
Equipment Requirements	40
Enhancements and Additional Features	5
Value Added Services	5
Financial	40
Total Points	100

Based on the City's experience with the existing fire department fleet, staff was able to review and determine the features that would provide the City with the best overall value over the twenty-five (25) year life expectancy of the new units, with the focus being on increased efficiency and effectiveness and a full twenty-five (25) year in-service life. The findings of the Evaluation Committee were that Commercial Emergency Equipment were superior in all technical and service categories.

4. SUBSTANTIATION:

There is a substantial portion of the City without pressurized water systems, including fire hydrants. Water tankers provide this essential resource that allows us to deliver an adequate and reliable quantity of water in support our rural fire suppression operations (eg. structure fires, vehicle fires, wildland fires etc.). With the replacement and addition of these water tankers we can also apply for and receive credit for Fire Underwriters Survey's specified tanker service. If approved, some rural residents may be eligible for a property insurance premium reduction.

The Fire Department plans to purchase up to five (5) Water Tankers over a five (5) year period (see Table 1):

Table 1

Year	Quantity of Tankers	Type of Acquisition
2022	2	1 New Acquisition & 1 Replacement (Unit 250)
2023	1	1 Replacement (Unit 297)
2024-2026	2	2 Replacements (Units 253 & 260)

NFPA and FUS regulate the service life of fire apparatus and require that fire apparatus be removed from emergency service at twenty-five (25) years. While the older vehicles are well maintained, they frequently have antiquated braking systems, excessive fire pump wear and structurally weakened chassis due to extreme fire service use.

By following these defined regulations, the City will cycle through old vehicles and equipment that no longer meet current standards, thus maintaining full compliance within the fleet and ensuring all mechanical components are in top mechanical condition.

Standardizing the fire truck fleet will provide:

- Uniform and consistent locations of onboard equipment.
- Increased operational safety, effectiveness, efficiencies and reduced downtime.
- Quick turnaround times on truck changeovers.
- Increased firefighter safety with fewer operating systems and consistent cab and body design.
- Increased water capacity efficiency.
- An adequate and reliable water supply to support our community's rural fire protection needs.
- Reduced fleet costs to acquire, maintain and repair vehicles.
- Maximize in-service life of each truck.

All future truck replacements will be negotiated with the preferred vendor within the year of replacement and will be presented to Council for approval.

Purchasing five (5) Water Tankers over the next five (5) years will allow the City to maintain its regulatory compliance with FUS, ULC, and NFPA. It will also allow the City to continue to work towards a standardized Fire Department fleet that will ensure safe, effective, and efficient service for the Operations staff, firefighters and the public.

5. RECOMMENDATION:

Recommendation that Council award the RFP for one "Fire Department Water Tanker", to Commercial Emergency Equipment in the amount of \$606,901.82 (plus applicable taxes); and further, that the Mayor and Corporate Officer be authorized to sign any necessary documentation.