

CITY COUNCIL REGULAR SESSION

Resolution authorizing execution of an agreement with Hughes Fire Equipment, Inc. to purchase one electric fire engine to replace an existing internal combustion fire engine for the Bellevue Fire Department, in an amount not to exceed \$2,529,574 plus all applicable taxes.

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EXECUTIVE SUMMARY

This Resolution authorizes execution of an agreement with Hughes Fire Equipment, Inc. to purchase one electric fire engine to replace an existing internal combustion fire engine for the Bellevue Fire Department.

RECOMMENDATION

Move to adopt Resolution No. 10243

BACKGROUND/ANALYSIS

The Bellevue Fire Department exists to control risk to life, property, and community vitality which may be threatened by fire or other emergency events. The Fire Department effectively responds through strategic deployment of resources and rapid response of personnel and equipment.

The Fire Department directly serves the Bellevue community and contractually provides fire suppression, rescue, and emergency medical services to six neighboring jurisdictions, encompassing a total of 43 square miles and more than 153,000 residents. Those jurisdictions are Beaux Arts Village, Clyde Hill, Hunts Point, Medina, Newcastle, and Yarrow Point. The department currently operates nine frontline plus four reserve fire engines, deployed from nine fire stations geographically located to provide timely response to emergency calls for service.

This new electric fire engine will replace an existing internal combustion fire engine that is nearing the end of its serviceable life. Replacing emergency response apparatus on schedule ensures the City is well-equipped to provide emergency services to the community and enables the Fire Department to meet these performance measures:

- Confine fires to room of origin
- Total emergency response time less than six minutes
- Reduce total dollar loss from fire

Fleet Standardization

Although this replacement purchase is for an electric fire engine, it also represents our continued effort to standardize the City's fleet to Pierce manufactured fire apparatus. Standardization provides the following benefits:

- Reduces training for Fire Department personnel on redundant systems, creating greater efficiencies of operation during emergency response.
- Increases familiarity with equipment when Fire Department personnel rotate between fire stations.
- Improves the efficiency of maintenance and repairs, thus reducing equipment downtime.
- Reduces costs due to compatibility with existing equipment, inventory, and systems.

Since 2007 the City has been replacing all fire apparatus with Pierce manufactured equipment which has proven to be a very dependable product from both an operational and maintenance perspective.

Pierce Manufacturing, Inc. (a subsidiary of Oshkosh Corporation) has been in business for more than 100 years. They are a sole source manufacturer, building and assembling the entire truck at one facility. Pierce is ranked number one in sales in the United States with 37 percent of the market share. The local Pierce dealer, Hughes Fire Equipment, Inc. has been in business for 35 years. The City of Bellevue has operated Pierce equipment for nearly 16 years with excellent support from both companies.

An additional advantage of purchasing from Pierce Manufacturing, Inc. is that they have an approved warranty service center in Tacoma. Having a relatively close repair facility significantly reduces the amount of time that a frontline apparatus is out of service, during which time Fire Department staff must utilize backup reserve trucks.

Environmental Stewardship Strategy

This is Bellevue's first purchase of an electric fire engine. The purchase of this electric fire engine aligns with the implementation of the City's sustainability plan by supporting the City's fleet electrification targets of reducing local carbon emissions by 80 percent and reducing fleet fossil fuel 30 percent by 2040.

This purchase will utilize an interlocal agreement between the City of Bellevue and Sourcewell that has a contract in place to purchase from Pierce Manufacturing, Inc. The City has benefitted from this cooperative purchasing arrangement for many years as it is a large consortium of public agencies and consequently obtains very competitive pricing.

POLICY & FISCAL IMPACTS

Policy Impact

Bellevue City Code

- BCC 4.28 provides for the fair and equitable treatment of all persons involved in the purchasing process. Council approval is required for purchases in excess of \$350,000.
- BCC 4.28.150 authorizes the Director of Finance & Asset Management to join in cooperative purchasing arrangements with other public agencies, cooperatives, or consortiums when it

would be in the best interest of the City.

Bellevue Comprehensive Plan

- Neighborhood Element: N-2. Ensure police, fire, and emergency services provide high levels of public safety that respond to growth and changing community needs.

Fiscal Impact

This agreement will obligate the City to pay \$2,529,574, plus all applicable taxes, for the purchase of one electric fire engine to replace an existing internal combustion engine for delivery in 2026.

On February 27, Council adopted Ordinance No. 6727 authorizing execution of a grant agreement to provide \$648,579 in state funding to support the acquisition and upfit of an electric fire engine and applicable charging infrastructure for use in Bellevue. The total cost to plan, procure, and upfit the apparatus is \$2,529,574 which a portion of the grant will offset. The remaining funding will be provided by the Mechanical Equipment Rental Fund (MERF) replacement account and other budget appropriation. Due to the innovative design and positive environmental impacts the engine will have on the fleet, additional earmarked opportunities will be explored where available.

OPTIONS

1. Adopt the Resolution authorizing execution of an agreement with Hughes Fire Equipment, Inc. to purchase one electric fire engine to replace an existing internal combustion fire engine for the Bellevue Fire Department, in an amount not to exceed \$2,529,574 plus all applicable taxes.
2. Do not adopt the Resolution and provide alternative direction to staff.

ATTACHMENTS

Proposed Resolution No. 10243

AVAILABLE IN COUNCIL LIBRARY

Purchase agreement between the City of Bellevue and Hughes Fire Equipment, Inc.
Sourcewell Contract signature page