

August 3, 2015

CITY COUNCIL AGENDA MEMORANDUM

SUBJECT

Resolution No. 8965 authorizing execution of a purchase agreement with Fireblast Global for the purchase and installation of a propane gas fueled fire training simulator and fire proof lining to protect the walls and structure of the Fire Training Tower at the Public Safety Training Center in an amount not to exceed \$517,474, plus applicable Washington State sales tax.

FISCAL IMPACT

This agreement will obligate the City to pay \$517,474, plus applicable Washington State sales tax, for purchase and installation of a propane gas fueled fire training simulator and fire proof lining to protect the walls and structure of the Fire Training Tower at the Public Safety Training Center. This purchase will be funded from CIP Plan No. PS-16 Renovation of Public Safety Facilities. There are sufficient funds in the 2015-2021 General CIP budget to complete this work.

STAFF CONTACT

| | |
|-----------------------------------|----------|
| Mark Risen, Fire Chief | 452-6895 |
| Mike Remington, Deputy Fire Chief | 452-7872 |
| <i>Fire Department</i> | |

| | |
|------------------------------------|----------|
| Marina Stefanovic, Project Manager | 452-4486 |
| <i>Civic Services Department</i> | |

POLICY CONSIDERATION

Bellevue City Code:

- Bellevue City Code Chapter 4.28 provides for a fair and transparent purchasing process.
- Purchases in excess of \$90,000 require Council approval.

City Practice:

- Equipment may be purchased utilizing other agencies' cooperative purchase agreements or through a formal bid process conducted by the City.

BACKGROUND

For the past several years the Fire Department has been working to improve the Public Safety Center Training Center, Fire Training Tower to:

- Minimize the environmental impact of training exercises;
- Maximize the safety for firefighters during "live fire" training exercises;
- Maximize the use of the facility by improving training props; and,
- Increase the useful life by installing systems to protect the structure of the facility.

In 2014 an initial propane gas fueled fire training simulator was installed in the primary burn room in the Fire Training Tower. Bellevue firefighters, as well as our training partners, have received realistic, live fire training from this simulator which has been an excellent tool to teach

basic fire attack techniques that are essential for both new firefighters and veteran firefighters to maintain their skills.

When using a fire training simulator the impact to the environment is minimized. Propane burns clean with little air pollution, there is no debris to clean up after the training exercise, and water run-off is clean. As a result, firefighter safety is improved, and the impact to the environment is minimized. The training simulator is electronically controlled and if a firefighter is having physical difficulties, the fire can be extinguished instantaneously at the control panel. Using a simulator also allows for more firefighters to be trained and/or increased evolutions per firefighter because participants do not need to wait between evolutions to reignite the fire and to allow it to grow sufficiently to simulate a real-life fire emergency.

Based on benefits realized with the initial propane gas fueled fire training simulator, the Fire Department is seeking to purchase an additional training simulator to allow for more complex training exercises. The addition of the second simulator will almost completely eliminate the Department's need to burn wood and other debris during training exercises. In addition, the Department is seeking to purchase calcium silicate, fire proof lining, in the two burn rooms that contain the simulators in order to protect the structure of the facility from intense flames and heat. The City will purchase the propane gas fueled fire training simulator and the fire proof lining from a Federal General Services Administration (GSA) equipment list.

EFFECTIVE DATE

If adopted, this Resolution becomes effective immediately.

OPTIONS

1. Adopt the Resolution authorizing execution of a purchase agreement with Fireblast Global, to purchase and installation of a propane gas fueled fire training simulator and fire proof lining to protect walls and structure of the Fire Training Tower at the Public Safety Training Center in an amount not to exceed \$517,474, plus applicable Washington State sales tax.
2. Do not adopt the Resolution and provide alternative direction to staff.

RECOMMENDATIONS

Option 1.

MOTION

Move to adopt Resolution No. 8965 authorizing execution of a purchase agreement with Fireblast Global, to purchase and installation of a propane gas fueled fire training simulator and fire proof lining to protect walls and structure of the Fire Training Tower at the Public Safety Training Center in an amount not to exceed \$517,474, plus applicable Washington State sales tax.

ATTACHMENTS

CIP Project Description

Proposed Resolution No. 8965