

NO: R110

COUNCIL DATE: June 10, 2019

REGULAR COUNCIL

TO: **Mayor & Council**

DATE: **June 4, 2019**

FROM: **Fire Chief**

FILE: **1100-20**

SUBJECT: **Award Contract 1220-060-2019-011 Purchase of Fire Service Self-Contained Breathing Apparatus**

RECOMMENDATION

The Fire Department recommends that Council:

1. Award contract 1220-060-2019-011 to Rocky Mountain Phoenix, Inc. to purchase 163 Self-Contained Breathing Apparatus and required accessories as reflected in this report at a cost of \$ \$1,473,166.80, including GST;
2. Set the expenditure authorization limit for Contract 1220-060-2019-011 at \$ 1,604,965.32, including Self-Contained Breathing Apparatus Filling Station upgrades, contingency and GST; and
3. Authorize the Fire Chief to execute Contract 1220-060-2019-011.

INTENT

The purpose of this report is to obtain Council approval for the purchase new Self-Contained Breathing Apparatus ("SCBA") and required accessories as identified within this report.

DISCUSSION

The City's inventory of SCBA has reached the industry standard life expectancy of useful life and needs to be replaced. The City has developed the correct inventory requirements for service delivery and safety of firefighters and the community. The City's diligence as it relates to firefighter safety along with fiscal accountability necessitates the replacement of the existing inventory of SCBAs.

As part of the Fire Department's Capital Replacement and Additions Plan, the Fire Department has identified 163 SCBA which are due for replacement.

SCBA's are an essential component in protecting the health and Safety of fire fighters, providing the firefighter with the ability to breathe and communicate in hazardous atmospheres. Firefighters are required to use the SCBA at incidents including fires, automatic fire alarms, gas leaks, carbon

monoxide incidents, hazardous materials incidents, and other hazardous atmosphere incidents. Respiratory protection in dangerous atmospheres is a key safety focus in the fire service.

The new SCBA will be equipped with technology that provides safety to the firefighters performing tasks in environments that are Immediately Dangerous to Life or Health (“IDLH”) and will conform to the new emergency and supplementary air delivery requirement standards. The contract includes computer-based programs that track the use and maintenance of every SCBA and training for fire department air technicians in preventative maintenance and the use of the tracking software.

The purchase includes twenty-four Rapid Intervention Team kits that provide an emergency air supply for teams to use when rescuing downed firefighters.

QUOTATION RESULTS

A request for standing offer agreement (RFA-SOA) was issued to determine the best value solution for the City, in meeting a number of specifications/requirements. The three responses to the RFA-SOA consisted of the following SCBA equipment brand offerings:

- MSA
- Scott
- Draeger

The following suppliers submitted quotes:

Supplier	Tendered Amount Including Taxes and Levies	Corrected Amount, less Performance Bond
Electrogas Monitors Ltd.	\$1,136,129.34	\$1,136,129.34
Rocky Mountain Phoenix, Inc.	\$1,473,166.80	\$1,473,166.80
Guillevin International Co.	\$1,573,989.48	\$1,573,989.48

The above amounts reflect the anticipated initial purchase value. Subsequent orders will be based on the operational needs of the Fire Department. Due to the estimated 15-year lifespan of the proposed products, there will be a limited future demand estimated to be up to 4 units, with an estimated purchase price of \$40,000, including all applicable fees and sales taxes.

EVALUATION

Staff from the Fire Department and the Finance Department conducted an initial review of the quotations for accuracy and completeness.

The City undertook a detailed evaluation of the technical aspects of the units being offered as undertaken by an Evaluation Committee comprised of Fire Department management staff and members from the Suppression Branch, Training Branch and Fire Department SCBA technicians. An extensive evaluation was conducted, based on a set of pre-determined evaluation criteria.

The selection criteria included:

- function (operation, fit, comfort and ease of use);
- sustainability;
- serviceability;
- warranty;
- training requirements;
- training support; and
- projected maintenance requirements.

Results of the Evaluation

The Evaluation Committee compared and evaluated all submissions to determine the submission which is most advantageous to the City using the above referenced selection criteria. The City's intent is to acquire the product and service that provides best value to the City and meets or exceeds the requirements identified in the RFA-SOA.

The low bid from Electrogas Monitors Ltd. was evaluated and deemed by the Evaluation Committee not to fully meet the specifications/requirements of the solicitation. Additionally, it is estimated that the annual maintenance costs for the Drager PSS 7000 are in excess of 40% more per year for each SCBA when compared to the other products.

The Evaluation Committee determined that Rocky Mountain Phoenix Inc. delivered the product that provided the best value for the City.

The City's previous experience with Rocky Mountain Phoenix, Inc. has been satisfactory, and the product quality has met the City's requirements. There are no outstanding legal issues or claims related Rocky Mountain Phoenix Inc.

Based on the overall results from the Evaluation Committee, it is recommended that Rocky Mountain Phoenix, Inc. be awarded contract 1220-060-2019-011.

SUSTAINABILITY CONSIDERATIONS

This purchase of SCBA supports the objectives of the City's Sustainability Charter 2.0. In particular, the purchase relates to the Sustainability Charter themes of Public Safety and Infrastructure. Specifically, this purchase supports the following Desired Outcomes ("DO") and Strategic Directions("SD"):

- Public Safety DO2: Police and fire services provide timely and reliable responses across the city;
- Public Safety DO6: Surrey has proactive and coordinated emergency prevention measures in place, and can effectively deal with emergencies that arise;
- Infrastructure DO3: Infrastructure systems are designed to protect human health, preserve environmental integrity, and be adaptable to climate change impacts;
- Infrastructure DO20: Materials and resources are used efficiently, sourced locally where feasible, and repurposed or recycled at the end of their life cycle;
- Infrastructure SD1: Proactively manage community assets to maintain them over the long-term in a state of good repair; and
- Infrastructure SD2: Develop and manage our assets to adapt to technological change.

FUNDING

The Finance Department has confirmed that funds for the purchase of the aforementioned 163 SCBA's, are available in the 2019 Fire Department Capital Equipment Replacement Program

CONCLUSION

Based on the above discussion, it is recommended that Council:

- Award contract 1220-060-2019-011 to Rocky Mountain Phoenix, Inc. to provide 163 Self-Contained Breathing Apparatus and required accessories as reflected in this report at a cost of \$1,473,166.80, including GST and levies;
- Set the expenditure authorization limit for Contract 1220-060-2019-011 at \$1,604,965.32, including SCBA Filling Station upgrades, contingency and GST; and
- Authorize the Fire Chief to execute Contract 1220-060-2019-011.

Len Garis
Fire Chief