



500 West Big Beaver
Troy, MI 48084
troymi.gov

CITY COUNCIL AGENDA ITEM

Date: April 9, 2020



To: Mark F. Miller, City Manager

From: Robert J. Bruner, Assistant City Manager
Lisa Burnham, Accounting Manager
David Roberts, Fire Chief
Peter Hullinger, Assistant Fire Chief
MaryBeth Murz, Purchasing Manager

Subject: Emergency Purchase - MSA Face Piece APR Adapters and Filters for Fire Department

History

- The Fire Department recently purchased and placed into service new Self-Contained Breathing Apparatus, and issued each firefighter their own face piece.
- With the current state of affairs related to the COVID-19 Pandemic, and continued escalation of infection cases throughout the country and, in particular, Oakland County, additional respiratory protection is needed for firefighters when responding to calls for service.
- The recommended minimum daily protection is the N95 level “half” mask filter. While each firefighter has been issued an N95 mask, the Fire Department must consider long term protection for each member to help ensure their health and safety in order to continue to respond to calls for service.
- As the N95 half masks are in very high demand worldwide, and delivery remains uncertain, Fire Department Administration believes the best available protection for our firefighters would be to use the current SCBA mask in a filtering mode.
- To do this, each firefighter must be issued their own Air Purifying Respirator (APR) filter adapter with their own set of filters.
- Once issued, there would no longer be a reliance or concern with having to find the disposable N95 half masks; the filters can simply be replaced as needed since the adapters are reusable.
- Due to the immediate need to protect our firefighters from becoming infected with the Coronavirus or any other airborne infectious disease, City Management recommends the purchase of 200 individual MSA G1 APR Filter Adapters, and 10 cases of MSA Optifilter XL filters, from *Apollo Fire Equipment, LLC, of Romeo, MI*, for an estimated total cost of \$23,250.00.

Purchasing

- City Charter Section 12.1 states:
“City Management may make necessary purchases without sealed bid prior to Council approval, and in excess of the limits provided in the Chapter when an emergency, because of a natural disaster, civil disturbance or similar calamity, is officially declared. Any such purchase shall be affirmed at the next regular scheduled meeting.”
- Due to the immediate need to protect our City’s firefighters City management purchased the APR Filter Adapters as detailed below:



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Purchasing (continued)

Quantity	Description	Unit Price	Total Price
200 (each)	MSA APR Filter Adapters	\$97.00	\$19,400.00
10 (boxes)	MSA OptiFilter Type HE (20/box; total 200)	\$385.00	<u>\$3,850.00</u>
	Total Purchase		\$23,250.00

Financial

Funding is available in the Fire Equipment Account #101.336.338.7740.115 for this emergency purchase. The total estimated purchase amount is \$23,250.00.

Recommendation

Due to the immediate need to protect our firefighters, City Management made the emergency purchase of 200 individual MSA G1 APR Filter Adapters, and 10 cases of MSA Optifilter XL filters, from *Apollo Fire Equipment, LLC, of Romeo, MI*, for an estimated total cost of \$23,250.00. City management requests City Council affirm this purchase for the Fire Department.