## **CITY of NOVI CITY COUNCIL**



Agenda Item | August 8, 2016

SUBJECT: Approval to purchase apparatus fire hose for the Novi Fire Department from H.D. Edwards & Co., the sole source provider in Michigan, in the amount of \$18,439.

SUBMITTING DEPARTMENT: Public Safety - Fire

CITY MANAGER APPROVAL:

EXPENDITURE REQUIRED	\$18,439	
AMOUNT BUDGETED	\$18,455	
APPROPRIATION REQUIRED	N/A	
LINE ITEM NUMBER	101-337.00-935.000	

## **BACKGROUND INFORMATION:**

As part of the 2016-17 Budget, funds were approved for the replacement of hose for the Fire Department apparatus. The hose replacement is due to the condition and age of the current hose. The majority of the existing hose will be replaced over a two year period beginning with the 2016-17 fiscal year. The hose being replaced in 2016-17 consists of the Large Diameter Hose (LDH) or 5 inch on Ladder 1 and the 2.5 inch hose on Engine 2, Engine 3 and Ladder 1 for a total cost of \$18,439. Included in the 2017-18 budget submission is the replacement of hose for an estimated cost of \$16,000.

The Novi Fire Department prides itself on testing the all fire hoses annually and inspecting it after each use for wear and tear. This process has proven effective in maintaining the hose in peak working condition. The recommendation to replace the hose at about 10 years of service life is based on the National Fire Protection Association standards and the manufactures suggested useful life cycle.

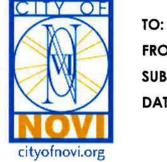
The purchase will be made through H.D. Edwards, Co. the exclusive, authorized North American Fire Hose Corporation municipal fire hose product distributor in Southeastern Michigan.

RECOMMENDED ACTION: Approval to purchase apparatus fire hose for the Novi Fire Department from H.D. Edwards & Co., the sole source provider in Michigan, in the amount of \$18,439.

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Council Member Markham				
Council Member Mutch				
Council Member Wrobel				

## MEMORANDUM



TO: JEFF JOHNSON, DIRECTOR OF EMS/FIRE OPERATIONS
FROM: SCOTT PERRY, FIRE PROTECTION OFFICER
SUBJECT: BUDGET REQUEST FOR FIRE HOSE REPLACEMENT
DATE: JULY 27, 2016

Fire hose is a vital piece of equipment on the fire apparatus and without dependable hose a bad situation can get a lot worse. The replacement of the hose is partially due to the age and condition of some of our current hoses. The Novi Fire Department has started the process of replacing the rubber jacket hose that was placed in service in 1997. This hose ranges in size from 1.75 inch, 2.5 inch and 5 inch. In the 2016-17 Budget a request was made to replace the Large Diameter Hose (LDH) or 5 inch on Ladder 1. We are also looking to replace the 2.5 inch hose on Engine 2, Engine 3 and Ladder 1 for a total cost of \$18,439 (see attached quote). Council approved \$18,455 in this year's budget for hose replacement and we recommend approval to purchase the hose at the August 8<sup>th</sup> council meeting.

The Novi Fire Department prides itself on testing the all fire hoses annually and inspecting it after each use for wear and tear. This process has proven effective in maintaining the hose in peak working condition. The recommendation to replace the hose at about 10 years of service life is based on the National Fire Protection Association standards and the manufactures suggested useful life cycle.

The future plan is to request funding in the 2017/18 Budget to purchase 5 inch and 2.5 inch hose for Engine 5 and the fire stations. The estimated quote including the anticipated 5% increase is \$15,990 (see attached quote). In the 2019/20 Budget, we need to purchase 1.75 inch hose for Ladder 1, Engine 2, Engine 3 Engine 4 and the fire stations in the amount of \$5,500 and includes a 5% per year increase. For fiscal year 2021/22, the fire department projects the replacement of 5 inch hose for Engine 1, Engine 2 and Engine 3 at an estimated cost of \$20,250 and includes a 5% per year anticipated increase.

The Novi City council has always strived to provide the fire department with the best and latest equipment available. One of the main functions of city government is to keep our citizens safe. This new hose will greatly enhance our abilities. If the hose is not replaced, it will eventually wear out, could catastrophically fail and no longer be functional. We will continue to monitor the age, condition, and normal wear and tear of all of the fire hose on our apparatus to assure it is in top working order and replaced as needed.

H.D. EDWARDS & CO.

BSTABLISHED 1855 P.O. BOX 38250 B550 LYNDON AVE. DETROIT, MICHIGAN 48238 TEL: (313) 834-3388 • FAX: (313) 834-1757

SHIPPED TO

INVOICE

DATE NUMBER 07/01/16 491

DUNS #00-653-6452 4536FD

SOLD TO

INTRACTOR SUPPLIES

CITY OF NOVI FINANCE DEPARTMENT 45175 W. TEN MILE RD. NOVI MI 48375

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ORIGINAL INVOICE

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DISTRIBUTORS OF

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The difference is...your margin of safety.

June 9, 2016

Pat Cauchi Purchasing agent City of Novi, MI

RE: HD Edwards

Dear Pat:

This letter is verification that HD Edwards is the exclusive, authorized North American Fire Hose Corporation municipal fire hose product distributor for SE Michigan.

As such, HD Edwards' employees have undergone our training program, giving them a working understanding of the features, benefits, and suitability of our products in specific applications. Also, their training includes important information on the care, use and maintenance of our products to insure that the maximum service life is obtained by the end user.

We would like to thank you for your continued interest in our products. Please contact me should you have any further questions.

Sincerely,

Linda Nash

Linda Nash Customer Service Mgr. North American Fire Hose (805) 922-7076 Fax: (805) 922-0086 Inash@nafhc.com