



## CITY COUNCIL AGENDA ITEM

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Date: June 23, 2016

To: Brian Kischnick, City Manager

From: MaryBeth Murz, Purchasing Manager  
David Roberts, Fire Chief  
Peter Hullinger, Fire Lieutenant

Subject: Standard Purchasing Resolution 4: Cooperative Contract Award – MITN Purchasing Cooperative – Fire Hose Testing

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### History

- Fire Hose is required to be tested annually as per National Fire Protection Association (NFPA) standards.
- Fire hose testing is completed before September 1<sup>st</sup> of each contract year.
- The hose testing is in compliance with the most current version of the National Fire Protection Association standards.
- The City of Troy Fire Department has 50,780 feet of fire hose that is required to be tested.

### Purchasing

- The City of Rochester Hills on behalf of itself and Oakland County Mutual Aid communities solicited bids from qualified companies to perform annual hose testing in compliance with the most current NFPA Standards for a one (1) year contract term with an option to renew for two (2) additional one - year terms.
- Request for Bids were solicited utilizing the Michigan Inter-governmental Trade Network (MITN) website. Three (3) bid responses were received.
- Bids were evaluated by the City of Rochester Hills Purchasing Department as well as representatives from participating cooperative MITN members.
- The bid was awarded to *National Hose Testing Specialties, Inc. of Grand Rapids, Michigan*.

### Financial

Funds are available for this service in the Fire Department 2016-2017 budget. The estimated annual cost is \$10,200.00.

### Recommendation

City management recommends awarding a one (1) year contract to *National Hose Testing Specialties, Inc. of Grand Rapids, MI* with the option to renew for two (2) one year terms for the unloading, testing and reloading of approximately 51,000 feet of fire hose for an estimated total annual cost of \$10,200.00 as per the unit pricing as detailed in the bid tabulation.

SFQ-RH-16-014 Hose Testing

Quote Tabulation

NAME	Waterway of Michigan			Fire Catt, LLC			National Hose Testing Specialties, Inc.		
	Caledonia, MI			Troy, MI			Grand Rapids, MI		
ADDRESS	2016	2017	2018	2016	2017	2018	2016	2017	2018
Contractor unloads/re-loads hose	\$0.21	\$0.21	\$0.22	\$0.29	\$0.29	\$0.29	\$0.20	\$0.20	\$0.21
Community unloads/re-loads hose	N/A	N/A	N/A	0.195	0.195	0.195	N/A	N/A	N/A
Did you include Completed W9?	Yes			Yes			Yes		
Do you meet the insurance requirements?	Yes			Yes			Yes		
Hose Repair	No			No			No		
Ability to Perform Hose Repairs	None			Conflict of Interest thus Fire Catt Does not repair hose.			Repairs are considered to be in conflict with ISO 17020.		
Warranty	None			N/A			N/A		
Other Items not Addressed.	They also have the ability to test hard suction hose. The cost is \$35 per section no matter the length. The testing is completed by using a vacuum pump with proprietary clear end caps, hoses and valves. This testing is done per NFPA 1962-2013			None			Hose testing and Ladder testing can be conducted at the same time. NHTS extends Oakland County pricing to any Oakland County mutual aid communities.		
References	Warren Fire Department Gary Wilkerson, 586-382-3773			City of Ann Arbor F.D. Asst. Chief Ellen Taylor 734-794-6961			Battle creek Fire Department David Schmaltz 269-966-3519		
	Evert VFD Chief Shane Helmer, 231-734-5521			City of Indianapolis, IN Batt. Chief Mark Harvey 317-327-6055			Fowlerville Fire Department John Wright 269-223-8561		
	City of Rochester Hills Jerry Yurgo, 248-656-4720			Mackinac Island FD Asst. Chief Sam Barnwell 906-430-7310			Ingham Twp./Dansville Fire Department Tim Whipple, 517-623-6691		
Method & Equipment utilized to perform hose testing	All hose is tested to NFPA 1962-2013 specs. Utilize their own proprietary test pump with standard adapters. Request a site that is at least 300'x20' to get the optimum capacity from our system but can accommodate smaller spaces if needed. Before any hose is unloaded we note all loads and color of hose in each lay as well as any other specifics needed to reload truck as it was before testing. The use a check sheet that is approved by customer after each completed truck.			Computer controlled test equipment and software technology ensures NFPA 1962 standards are followed. Automatic and Automated shutdown ensures safety. LDH always lays flat on ground per NFPA. See attached document in Vendor response.			Hose testing is conducted in accordance outlined in NFPA 1962. NHTS crews will unload & reload all fire hose from each apparatus & any station hose. All fire hose with the exception of 5" will be elevated off the ground to minimize the fire hose from getting wet during testing. Specialized equipment also has a back flow preventer so no containments will get into the municipal water supply.		
Method used to identify, track & record hose test records; tracking system	Each section of hose is stenciled or otherwise marked with a unique ID number that is recorded on the paperwork along with the length, year of manufacture, brand, location (vehicle #), pressure tested at, diameter and pass or fail. This is recorded on site on paper which is then transcribed into electronic format for storage and deliver to customer. All records are then uploaded to website for immediate access in case customer misplaces emailed version. All data is kept indefinitely.			All data recorded by a trained technician. All data is entered into excel spreadsheet. All hose identified with a barcode on coupling at each end of hose. Barcode number is also recorded on hose jacket with industrial ink. Fire Catt barcode number along with existing number is recorded on report. Hard copy report supplied to dept. Electronic copy of report supplied to dept. Fire Catt maintains records securely and may be accessed 24/7 via their website. Records stored indefinitely.			All hose lengths are individually labeled. (NHTS an use the current number that each department has on the hose already). Testing data is collected and record within the NHTS custom software to insure completeness and accuracy. Documentation can be distributed electronically threw encryption email or done by sending a hard copy along a CD to each department.		
Extend to MITN?	Yes			Yes			Yes		