



500 West Big Beaver  
Troy, MI 48084  
troymi.gov

## CITY COUNCIL AGENDA ITEM

Date: November 22, 2021



To: Mark F. Miller, City Manager

From: Robert J. Bruner, Assistant City Manager  
Rob Maleszyk, Chief Financial Officer  
Lisa Burnham, Controller  
Richard Riesterer, Fire Chief  
Peter Hullinger, Assistant Fire Chief  
Kurt Bovensiep, Public Works Director  
Dennis Trantham, Facilities and Grounds Operations Manager  
Emily Frontera, Purchasing Manager

Subject: Standard Purchasing Resolution 4: Oakland County Purchasing Cooperative – Bay Floor Trench Drain Replacement Fire Station 2

---

### **History**

The Troy Fire Department operates out of 6 fire stations. Regular maintenance and periodic upgrades are needed at the fire stations to keep them operating safely. Recently, the bay floors were being refinished at Fire Station 2, located at 5600 Livernois Rd. During the process of removing the epoxy flooring, polishing, and refinishing the floor, the trench drains in the floor were discovered to be failing.

These drains are centered in, and run the length of, each of the three bays under the fire apparatus. Drains facilitate re-routing water when the vehicles are re-filled or washed. The current trench drains were installed when the building was first built in 1979. These drains are constructed from concrete. Over the past 42 years, wear and tear from water and salt has slowly deteriorated these drains to the point of failure.

### **Purchasing**

- Pricing to provide labor, materials, and equipment for the trench drain replacement at Station 2 has been secured by *National Restoration Inc of Milford, MI* for a not to exceed amount of \$34,000 as per the Oakland County Purchasing Contract #005106 as detailed in the attached quote dated 11/4/202.
- City Council authorized participation in the Cooperative Purchasing Program on November 8, 2021 (Resolution #2021-11-160)

### **Financial**

The Bay Floor Refinishing Project, for Fire Stations 2 and 3, was budgeted for a combined total of \$100,000. However, after bidding the floor refinishing, the cost came in at \$63,200 to complete the two stations. This has left \$36,800 of Capital Funds for the Fire Department available for the Trench Drain Replacement. A transfer of budgeted funds in the amount of \$22,300 will be necessary from account # 401.336.344.7975.065 to account #401.336.344.7975.060.

Expenditures for this project will be charged to account #401.336.344.7975.060.



500 West Big Beaver  
Troy, MI 48084  
troymi.gov

## CITY COUNCIL AGENDA ITEM

### **Recommendation**

City Management recommends that a contract be awarded to *National Restoration Inc, of Milford, MI* for the trench drain replacement at Fire Station 2 for a not to exceed amount of \$34,000 based on the Oakland County Cooperative Purchasing Contract #005106.

## NATIONAL RESTORATION INC

2021 RECIPIENT OF THE GOVERNOR'S AWARD FOR HISTORIC PRESERVATION!

---

2165 Fyke Dr.  
Milford, MI 48381  
248-318-0609 Fax 248-714-6323  
johnf@nationalrestoration.net  
November 4, 2021

Its Not Luck, Its know How!  
Licensed Builder

Mr. Peter Hullinger  
Assistant Fire Chief  
Troy Fire Department  
500 West Big Beaver Road  
Troy, MI 48084  
248-524-3417  
Peter.Hullinger@troymi.gov

### **RE: Trench Drains Fire Station #2**

Mr. Trantham,

Per my onsite inspection, we are proposing to provide, all material, labor and equipment needed to complete the following items of work.

#### **Scope of Work: Trench Drains**

- Mobilize
- Remove existing grates and take offsite to be sandblasted and painted with an industrial enamel paint. They will be reinstalled once the concrete work is completed.
- Sawcut and remove the existing concrete slab and trench drains in 3 locations, each approximately 55' x 5'
- Excavate and remove up to 4" of the base under the work area if needed, and replace with 21A stone/sand subbase.
- Furnish and install 2' angle irons with studs 18" OC.
- Dowel and pin new slab to the existing with #4 rebar.
- Pour new 4,000 PSI concrete trench drain. Note" The drain will be 8" wide as the existing one is now and this will tie into the existing drainpipe. If repairs are needed to the drainpipe this will require an additional charge or to be completed by others.
- Form compact and pour new 8" thick, fiber reinforced, 4,000 PSI floor slab with expansion joints or saw cuts as required.
- Jobsite cleanup.
- The cost is time and materials not to exceed \$34,000.00. This is to be completed per our Maintenance contract rates with Oakland County purchasing.

**Alternate Scope of Work: Concrete at the Bay Doors**

- While mobilized, sawcut and remove 1.5' x 14' of concrete at each of the bay doors and dispose of offsite.
- Remove and replace up to 4" of base material if needed.
- Dowl and pin into the existing floor slab with #4 rebar.
- Pour 8" of 4,000 PSI, fiber reinforced concrete back into the work areas.
- Provide thermal blankets if needed.
- Jobsite cleanup.
- The cost is time and materials not to exceed \$10,975.00. This is to be completed per our Maintenance contract rates with Oakland County purchasing.

**Exclusions:**

- Cost for permits and inspections.
- Prevailing wages
- Premium time
- Lawn damage

We appreciate the opportunity to quote your work. If you have any questions or concerns, please contact me.

Sincerely,

John Fletcher, President