



500 West Big Beaver
Troy, MI 48084
troymi.gov



CITY COUNCIL AGENDA ITEM

Date: December 16, 2020

To: Mark F. Miller, City Manager

From: Robert Bruner, Assistant City Manager
Robert C. Maleszyk, Chief Financial Officer
Lisa Burnham, Controller
Kurt Bovensiepe, Public Works Director
William J. Huotari, City Engineer

Subject: Standard Purchasing Resolution #1: Award to Low Bidder
Contract 20-03 – Big Beaver Relief Sanitary Sewer and Budget Amendment

History

The Sanitary Sewer Master Plan describes a necessary improvement for a relief sewer along Big Beaver from Crooks to the 48-inch interceptor located halfway between John R and Dequindre and from Big Beaver to 14 Mile Road. The relief sewer along Big Beaver was constructed in the mid 80's. Several restudies of the sanitary system along with projects to eliminate inflow and infiltration into the sanitary sewer system were completed since the original study. As a result, the scope of the necessary relief sewer has been narrowed down to a half mile stretch from Big Beaver to Paris Dr.

Reported sewer backups have generally occurred in sewers tributary to the existing 48-inch Interceptor north of Paris Dr. This portion of the existing system is very sensitive to Interceptor surcharging, which is overloading a sewer's capacity beyond design causing backups. The goal is to use this proposed 36-inch relief sewer as an overflow for the times when the existing interceptor surcharges and to provide needed capacity for future development along Big Beaver. The various interconnections between the 48-inch and 36-inch interceptors have been set at specific elevations so that any surcharging in the 48-inch interceptor will overflow into the 36-inch relief sewer before it backs up into the local sanitary sewers. In addition, the proposed relief sewer will allow flow to be diverted from the 48-inch interceptor to the 36-inch relief sewer while the 48-inch interceptor is undergoing maintenance.

Engineering consultant Hubbell, Roth & Clark (HRC) prepared bid documents and construction plans for this project. HRC also confirmed the bid tabulation, reviewed the contractor's work schedule, subcontractors, and has provided the attached recommendation. City staff and HRC held a pre-award meeting with Pamar Enterprises, Inc. to discuss their bid proposal and schedule and agree that Pamar Enterprises, Inc. provided an acceptable low bid for this work meeting the schedule and requirements for the project.

Purchasing

Bids were received and publicly read on November 19, 2020. The low bid of \$6,012,822.47 was submitted by Pamar Enterprises, Inc., 31604 Pamar Court, New Haven, MI 48048 as shown on the attached bid tab.



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Work was competitively bid and publicly opened with three (3) bidders responding. The award is contingent upon submission of proper contract and bid documents, including bonds, insurance certificates and all specified requirements.

Financial

The scope of work requires slow moving construction, primarily through residential areas, and is the primary factor in all bidders' prices received being higher than anticipated. All three bidders were in the same range exceeding \$6,000,000 showing that each had a similar understanding of the scope as bid and meaning that plans and specifications were complete and provided a reasonable expectation of the work the contractor is to provide. Therefore, the total recommended budget amount for the work bid is approximately \$7,500,000 based on a \$6,012,822.47 bid price plus 10% construction engineering fee and 15% contingency. A budget amendment in the amount of \$3,500,000.00 is therefore required in the 2021 Sewer Fund. Funds are available in the Sewer Fund as this project has been planned for several years and accounted for within the Sewer Fund. The appropriate financial planning continues to allow the City of Troy to have no debt as it relates to both water and sewer projects.

Recommendation

It is recommended that City Council award the Big Beaver Relief Sanitary Sewer contract to Pamar Enterprises, Inc., 31604 Pamar Court, New Haven, MI 48048, for their low bid of \$6,012,822.47.

In addition, we are requesting authorization to approve additional work, if needed, not to exceed 15% of the original project cost due to unknown conflicts with existing underground utilities that may arise during construction.

It is also recommended that City Council approve a budget amendment to the 2021 Sewer Fund in the amount of \$3,500,000.00, Project No. 2021C0069 (Account No. 590.527.535.7973.174025).

A copy of the bid tab and recommendation shall be attached to the original Minutes of this meeting.

December 15, 2020

City of Troy
Engineering Department
500 W. Big Beaver Road
Troy, MI 48084

Attn: Mr. William Huotari, P.E., City Engineer/Traffic Engineer

Re: Section 25 Relief Sewer Project
Recommendation of Award

HRC Job No. 20170762

Dear Mr. Huotari:

Hubbell, Roth & Clark, Inc (HRC) has reviewed the bids received on November 19, 2020 for the subject project. There were three (3) contractors that submitted proposals with the submitting company names being received, publicly opened and read at the time of the bid opening. All the submitting contractors provided bids for both the base and alternate bid options and as a result there were a total of six (6) bids to review and select from. The base bid designated concrete sewer pipe to be installed while the alternate bid designated polypropylene pipe be installed. The pricing for the six (6) bid options ranged from \$6,012,822.47 to \$6,922,115.08. Upon review of the bids and during discussions with the City it was determined that the polypropylene pipe included in the alternate bid best meets the City's operational and longevity needs. Therefore, the lowest responsive alternate bid submitted by Pamar Enterprises, Inc. of New Haven, Michigan. Copies of the Bid Tab are enclosed for your reference and distribution.

Each of the contractor submitted proposals were reviewed based on critical project parameters including; contractor work plan, bypass pumping and monitoring plan, experience with projects of similar complexity, size and scope, proposed sub-contractors, bid price and preliminary construction schedule. These proposals were reviewed and discussed by City and HRC staff members.

Due to the complexities and coordination involved in the work, a pre-award meeting was held on December 9, 2020 during which Pamar Enterprises Inc. indicated they are comfortable with their price proposal, are confident they will be able to complete the project in accordance with the bid documents for the total amount bid, the schedule provided and clearly conveyed their understanding of the project to us during the meeting.

Pamar Enterprises, Inc. has satisfied the requirements of the specifications and has submitted all the necessary information for the bid proposal to be considered complete and responsive. Pamar Enterprises, Inc. has extensive experience working in Southeast Michigan on a wide-range of underground utility projects both larger and smaller than the subject project. In addition, both HRC and the City have a long successful history of working with Pamar Enterprises, Inc. and each of the references contacted provided strong support of their abilities, including timeliness, responsiveness, workmanship, and communications.

On the basis of the above, we recommend award of the Section 25 Relief Sewer Project construction Contract to Pamar Enterprises Inc. at a total amount of \$6,012,822.47, subject to the Contractor supplying the requisite bonds and insurance certificates. Construction is anticipated to begin in mid-January 2020 and be completed by late-September 2020.

Delhi Township
2101 Aurelius Rd.
Suite 2A
Holt, MI 48842
517-694-7760

Detroit
535 Griswold St.
Buhl Building, Ste 1650
Detroit, MI 48226
313-965-3330

Grand Rapids
1925 Breton Road SE
Suite 100
Grand Rapids, MI 49506
616-454-4286

Howell
105 W. Grand River
Howell, MI 48843
517-552-9199

Jackson
401 S. Mechanic St.
Suite B
Jackson, MI 49201
517-292-1295

Kalamazoo
834 King Highway
Suite 107
Kalamazoo, MI 49001
269-665-2005

Lansing
215 S. Washington SQ
Suite D
Lansing, MI 48933
517-292-1488

If you have any questions or require any additional information, please contact the undersigned.

Very truly yours,

HUBBELL, ROTH & CLARK, INC.



Bradley Shepler, P.E., CCCA
Associate

Attachment

pc: S. Finlay, P. Trosper, M. Schlegelmann, K. Bovensiepe
HRC; M. MacDonald, E. Ause, File

Accepted By:

Signature: _____

Written Name: _____

Title: _____

Dated: _____

BID TABULATION
SECTION 25 RELIEF SEWER
CITY OF TROY, MICHIGAN

Bids Due: 11/19/2020 @ 10:00 AM
HRC Job No. 20170762

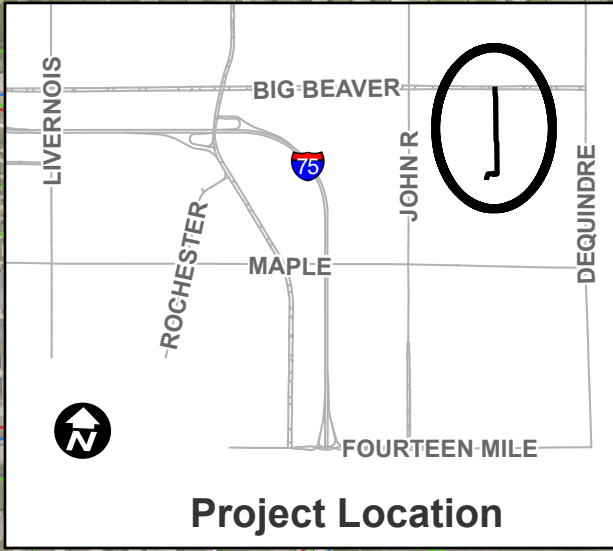
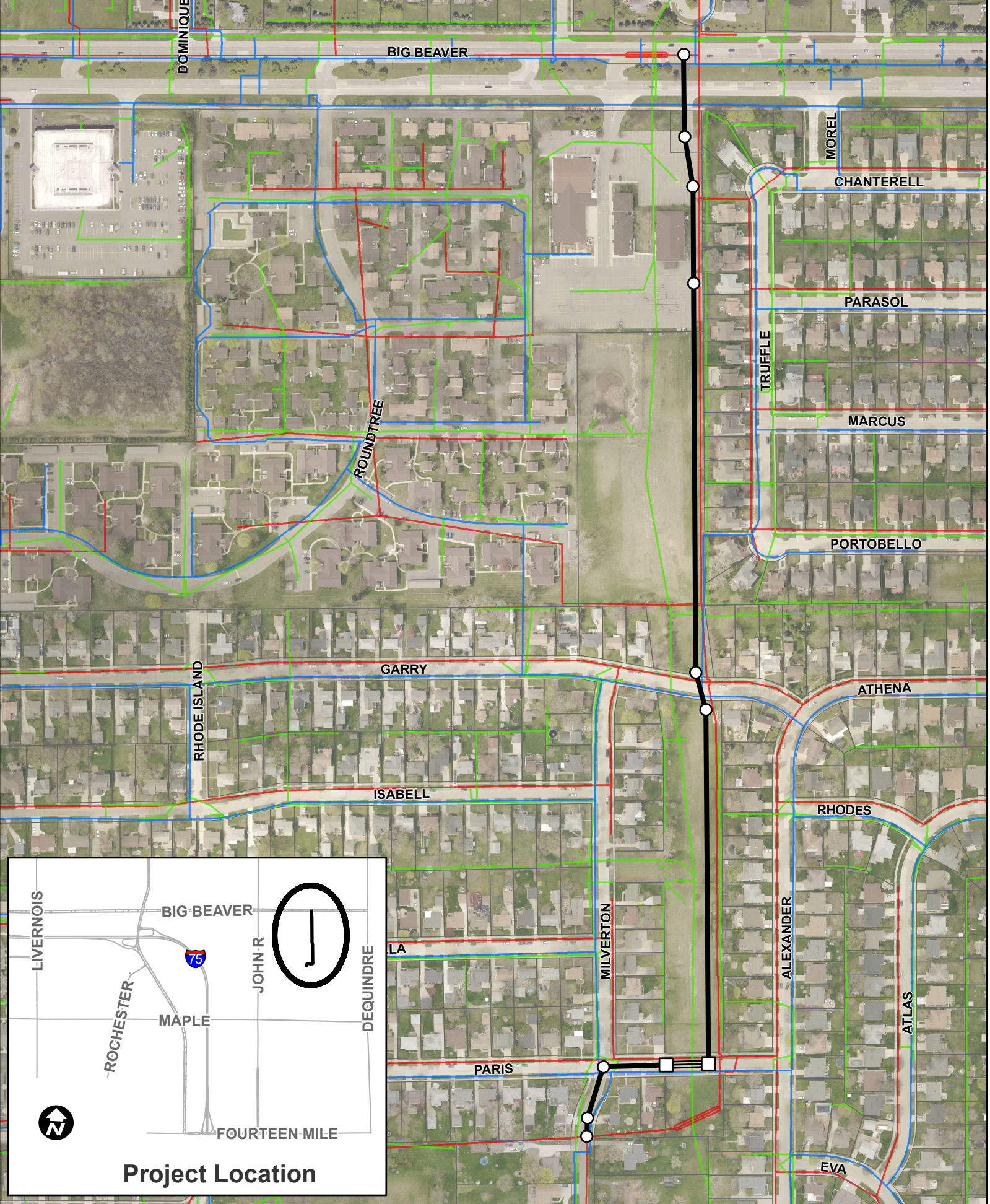
Ric-Man Construction, Inc
38600 Van Dyke, #100
Sterling Heights, MI 48312
P (586) 739-5210

Pamar Enterprises Inc
31604 Pamar Court
New Haven, MI 48048
P (586) 749-8593

L. D'Agostini & Sons, Inc
15801 23 Mile Rd
Macomb, MI 48042
P (586) 781-5800

Item	Total Cost	Total Cost	Total Cost
TOTAL AMOUNT OF BASE BID	<u>\$ 6,045,951.60</u>	<u>\$ 6,062,319.47</u>	<u>\$ 6,922,115.08</u>
TOTAL AMOUNT OF ALTERNATE #1 BID	<u>\$ 6,163,118.60</u>	<u>\$ 6,012,822.47</u>	<u>\$ 6,842,944.58</u>

ENGINEER: Bradley Shepler, P.E.
Hubbell, Roth & Clark, Inc.
555 Hulet Drive
P.O. Box 824
Bloomfield Hills, MI 48083-0824



- Proposed Relief Drain
- Water
- Storm
- Sewer

Big Beaver Relief Drain

