



CITY COUNCIL AGENDA ITEM

Date: May 15, 2013

To: Brian Kischnick, City Manager

From: Mark F. Miller, Director of Economic and Community Development
Steven J. Vandette, City Engineer

Subject: Standard Purchasing Resolution #1: Award to Low Bidder
Contract 13-3 – Aquatic Habitat Restoration Project

History

Bids were received and publicly read on May 8, 2013. The low bid of \$1,569,927 was submitted by TSP Environmental, 12641 Stark Rd Livonia, MI 48150, as shown on the attached tabulation summary. The Engineer's estimate at the time of bidding was \$1,700,465. The low bid is \$130,538 or 7.7% below the Engineer's estimate.

The City applied for and was awarded a grant for \$985,000 from the National Oceanic and Atmospheric Administration (NOAA), funded through the Great Lakes Restoration Initiative (GLRI).

The project will restore 1,400 feet of eroded banks and stream channel, replace the road culverts at Town Center and Civic Center Drives, remove the 5-foot existing dam at the Aquatic Center Pond, construct flood controls at the upstream and downstream ends of the pond, apply meandering stream design for self-forming of the stream within the pond area; excavate flood control slopes 300 feet upstream of the pond and 400 feet downstream of Town Center Drive; remove invasive species and stabilize the banks with erosion control blankets and native plantings.

The major portion of the project involves replacement of both the Civic Center and Town Center culverts, which are in poor condition. The existing corrugated metal, twin circular culverts at Civic Center Drive will be replaced with a 14-foot by 4-foot concrete box, 128 feet long. Pavement and sidewalk removal and replacement on Civic Center is required for installation of the new culvert.

The existing corrugated metal, twin arch culverts at Town Center Drive will be replaced with a 14-foot by 4-foot concrete box, 106 feet long. Pavement and sidewalk removal and replacement on Town Center Drive is required for installation of the new culvert.

The project is scheduled to start after July 1st and be completed by November 30, 2013. The project will be monitored for approximately two years following completion, in accordance with the required Quality Assurance Project Plan. This work will include monitoring the success of native plantings, elimination of invasive species and before and after assessments of fish and other aquatic populations.



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Financial

Funds for this work are available in the 2013/14 budget. The budgeted amount of \$2,300,000 includes funds for engineering, construction, inspection, monitoring, reporting and contingencies. The NOAA grant of \$985,000 will pay for a portion of the project. The remainder of the project cost will be paid for with City funds.

Recommendation

It is recommended that City Council award a contract for the Aquatic Habitat Restoration Project to TSP Environmental, 12641 Stark Rd Livonia, MI 48150 for their low bid amount of \$1,569,927. In addition, we are requesting authorization to approve additional work, if needed, not to exceed 15% of the original project cost.



HUBBELL, ROTH & CLARK, INC
Consulting Engineers

Principals
George E. Hubbell
Thomas E. Biehl
Walter H. Alix
Peter T. Roth
Michael D. Waring
Keith D. McCormack
Nancy M.D. Faught
Daniel W. Mitchell

Senior Associates
Gary J. Tressel
Kenneth A. Melchior
Randal L. Ford
Timothy H. Sullivan

Associates
Jonathan E. Booth
Michael C. MacDonald
Marvin A. Olane
William R. Davis
Jesse B. VanDeCreek
Robert F. DeFrain
Marshall J. Grazioli
Thomas D. LaCross
Dennis J. Benoit
James F. Burton
Jane M. Graham
Donna M. Martin
Charles E. Hart

May 15, 2013

City of Troy
500 W. Big Beaver
Troy, Michigan 48084

Attn: Mr. Steve Vandette, City Engineer

Re: Bid Tabulation and Recommendation for Award
Aquatic Habitat Restoration Project

HRC Job No. 20070495

Dear Mr. Vandette:

Pursuant to your request, Hubbell, Roth & Clark, Inc. (HRC) has reviewed the bids received at your office on May 8, 2013 for the subject project. There were 3 bidders with the low bid, \$1,569,927.00, submitted by TSP Services Inc. with offices located at 12641 Stark Road, Livonia Michigan 48150. The Engineer's estimate for this project was \$1,700,465.00 or \$130,538.00 more than the low bidder (-8.31% variance).

TSP submitted a complete and responsive bid including all requisite bid items. After the bid opening, HRC contacted all references and requested additional information as outlined in the proposal documents which TSP promptly submitted. Further, a pre-award meeting for the project was held on Tuesday, May 14, 2013 with TSP, HRC, and City staff to discuss the project. TSP has successfully completed projects similar in scope and value and has outlined their tentative plan for completing this project.

On the basis of the above, HRC recommends award to TSP Services, Inc. in the bid amount of \$1,569,927.00 subject to the necessary financial arrangements, insurance certificates, and submittal of all contract documents and bonds. We have attached one (1) copy of the Bid Tabulation for you use.

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

Very truly yours,

HUBBELL, ROTH & CLARK, INC.

James F. Burton
Associate

MC/mc

Attachment; Bid Tabulation

pc: City of Troy; Bill Huotari

HRC; W. Alix, M. MacDonald, K. Stickel, R. Nancy, R. Myllyoja, File

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Engineering. Environment. Excellence.

BID TABULATION
CONTRACT 13-3
Aquatic Habitat Restoration
City of Troy
Oakland County, Michigan

Bids Due: May 8, 2013
Project # 07.303.5

| <u>Bidder</u> | <u>Total Bid Amount</u> |
|---------------------|-------------------------|
| TSP Environmental | \$1,569,927.00 |
| V.I.L. Construction | \$1,625,563.31 |
| WCI, Inc. | \$2,049,756.20 |