



500 West Big Beaver
Troy, MI 48084
troymi.gov

CITY COUNCIL AGENDA ITEM

Date: September 8, 2020



To: Mark F. Miller, City Manager

From: Robert J. Bruner, Assistant City Manager
Robert C. Maleszyk, Chief Financial Officer
Lisa Burnham, Controller
Kurt Bovensiepe, Public Works Director
Dennis Trantham, Facilities and Grounds Operations Manager
Ashely Levin, Project Manager
MaryBeth Murz, Purchasing Manager

Subject: Standard Purchasing Resolution 5: Approval to Expend Budgeted Funds - Trails and Pathway- Sylvan Glen Lake Park

History

In June of 2019 City Staff presented City Council a plan to construct Phase Two of the Troy Trail in Sylvan Glen Lake Park. Phase Two plans were consistent with the Green Space Subcommittee recommendations to improve Sylvan Glen Lake Park. The plan includes a paved pathway that stretches from the parking lot, along the south edge of the lake, into the wooded area abutting the golf course, and connects to the neighborhood to the west of the park.

Anderson, Eckstein, and Westrick, Inc. (AEW), one of the City's professional service engineering firms (Resolution #2017-06-105-J-4a), was tasked with design and engineering of Phase Two of the Troy Trail. Over the last several months AEW has completed the design drawings, specifications, and applied for permits with the Michigan Department of Environment, Great Lakes, and Energy for this project.

AEW has submitted a proposal to provide construction management services for Phase Two of Troy Trail. The proposal for construction management services includes review of bid, recommendation of award, oversight of trail construction, communication of project status to staff, coordinate all site testing, and to address all public questions and concerns.

Purchasing

The current contract with *Anderson, Eckstein, and Westrick, Inc. (AEW)* was adopted by City Council in 2017 for engineering and design services (Resolution #2017-06-105-J-4a). Under current contract pricing, AEW's construction management services are based off 11.04% of the trail's estimated construction cost plus the cost of construction testing by outside parties for an approximate total of \$70,032 per the attached proposal.



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Financial

Funds are available in Capital Fund – Park – Trails & Pathways with an associated project number of 2021C0048. Expenditures will be charged to 401.751.770.7974.710.

Recommendation

City Management recommends granting the authority to expend budgeted capital funds to Anderson, Eckstein, and Westrick, Inc. (AEW), which is one of the City's professional service engineering firms (Resolution #2017-06-105-J-4a), for construction management services in regards to Phase Two of the Troy Trail in Sylvan Glen Lake Park for a total estimated cost of \$70,032.



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ANDERSON, ECKSTEIN & WESTRICK, INC. CIVIL ENGINEERS SURVEYORS ARCHITECTS

51301 Schoenherr Road
Shelby Township, MI 48315

586.726.1234
www.aewinc.com

August 19, 2020

Kurt Bovensiepe
Public Works Director
City of Troy
4693 Rochester Road
Troy, MI 48085

Reference: **Proposal for Professional Services**
Sylvan Glen Lake Park Pathway

Dear Mr. Bovensiepe:

Thank you for considering Anderson, Eckstein and Westrick, Inc. for providing professional engineering and surveying services for the referenced project.

Understanding of the Project

We have completed the design drawings and specifications for the Sylvan Glen Pathway and it is currently posted on BidNet for construction bids. Per your request we are providing a proposal for construction engineering services. It is anticipated that construction of this project will start in late September 2020 and end in November 2020, with final restoration possibly occurring in the spring of 2021.

Services to be Provided

Based upon our conversations, we propose to provide the following services for this project.

Construction Management

- Review bids received and provide a recommendation of award.
- Coordinate and administer the preconstruction meeting.
- Complete Construction Administration and draw request approvals.
- Complete Construction Observation.
- Coordinate and contract with a geotechnical engineer to complete material testing.
- Construction staking.
- Provide construction updates to City.
- Address public questions and concerns.

Material testing is outside the scope of services that AEW can provide. We propose to coordinate these services to be performed by sub-consultants.



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Kurt Bovensiepe
August 19, 2020
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Fee for Professional Services

The following fees will be on a lump sum (fixed fee) basis per Proposal B of our contract with the City of Troy, utilizing the percentage table for Road Projects. As the construction costs are not known at this time, we have estimated a budgetary cost of this project to be \$580,000. Fees provided by others include a 7.5% prime consultant markup. Upon opening of bids the actual construction cost will be utilized to adjust percentage fees and lump sum costs.

Construction Management (11.04% of Construction)	\$64,032
Construction Testing (By Others)	6,000
TOTAL	\$70,032

Execution of the Agreement

We trust that this proposal meets your needs. Please advise if any modifications or clarifications are required. When you are prepared to authorize us to proceed, please sign, date, and return one copy of this agreement with original signatures.

We appreciate the opportunity to work with you on this project. If you have any questions or require additional information please call me.

Sincerely,

Anderson, Eckstein and Westrick, Inc.

Accepted By

Taylor Sting Taylor Sting
Aug 19 2020 11:37 AM

Taylor Sting, PE
Licensed Engineer

Signature

Kyle M. Seidel Kyle M. Seidel
Aug 19 2020 11:20 AM

Kyle M. Seidel, PE, CFM
Senior Project Engineer

Printed Name, Title

Date

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CITY COUNCIL AGENDA ITEM

PURCHASE/SERVICE CONTRACT

PAGE: 1 of 1

Ship To

City of Troy
Engineering
500 W BIG BEAVER RD
TROY, MI 48084

Bill To

City of Troy
Engineering
500 W BIG BEAVER RD
TROY, MI 48084

No: 2018-90000005
Date: 06/21/2017

FOB DESTINATION

Entered By: MaryBeth Murz

Vendor

VENDOR NO. 171988
ANDERSON, ECKSTEIN & WESTRICK,
INC.
51301 SCHOENHERR ROAD
SHELBY TOWNSHIP, MI 48315

CONTRACT DESCRIPTION

Commence Date	Expiration Date	Renewal	Resolution #	Contract #	Amount
07/01/2017	06/30/2022	5 Times Annually	2017-06-105-J-4a	2018-90000005	See Below

GENERAL CONSULTING ENGINEERING SERVICES

Furnish five (5) year requirements of General Consulting Engineering Services for the City of Troy until June 30, 2022 with an option to renew the contract for an additional five (5) year period under the same terms and conditions based upon mutual consent of both parties within ninety (90) days of contract termination, in accordance with the specifications and pricing for RFP-COT 17-13 and Addendums 1 & 2.

Certificate of Insurance and Endorsement and all other specified requirements shall be on file for duration of contract.

City Council Approval Date: June 19, 2017.

TERMS & CONDITIONS

1. Purchases of Municipalities are exempt from State Sales and Federal Excise Taxes.
2. Prior to acceptance, vendor agrees to provide City with information under the Right-to-Know Law, P.A. 1986, No. 80, and fully comply with all terms and conditions of the Michigan Occupational Safety and Health Act, MCL 408.1001, et seq. including vendor shall provide City with an "MSDS". Vendor also agrees to be responsible for all required labeling.
3. In cases of emergency/disaster, the City can purchase up to six(6) times the order amount for a period of six(6) months at the price contained in the contract.
4. Purchase Orders are signed electronically based upon computer generated "on-line" authorized approvals. Authentic signatures are on file in the City of Troy Purchasing Department.

NOTICE: The City could put the vendor on notice that vendors will be held financially responsible for any claims or awards made against the City as a result of the vendor's action. If the City has to defend the initial lawsuit, the City will bring in the vendor as a co-defendant or sue the vendor, either as the result of settling a claim or the conclusion of the lawsuit.

I HEREBY CERTIFY THAT THIS ORDER IS PROPERLY AUTHORIZED AND APPROVED.

MaryBeth Murz
Purchasing Manager



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CITY OF TROY
PURCHASE ORDER
GENERAL CONSULTING ENGINEERING SERVICES

RFP-COT 17-13
Page 1 of 3

FIRM NAME:

Anderson, Eckstein,
Westrick, Inc.
Shelby Township, MI

PROPOSAL: GENERAL CONSULTING ENGINEERING SERVICES

SIX (6) COPIES	(Yes or No)	Yes
ADDENDUM 1: Attached	(Yes or No)	Yes
TERMS:		
EXCEPTIONS:	(Yes or No)	No
QUESTIONNAIRE:	(Yes or No)	Yes
REFERENCES:	(Yes or No)	Yes
ACKNOWLEDGEMENT:	(Yes or No)	Yes

PROPOSAL A:

SERVICES

Engineering Services:

Professional Engineer	\$140.00
Graduate Engineer	\$103.00
Project Engineer	\$103.00
Engineering Aide	\$86.00
Technician	\$69.00

Survey Services:

Professional Surveyor	\$140.00
Graduate Surveyor	\$103.00
Surveyor	\$78.00
Surveyor Aide	\$69.00
Survey Crew Three (3) Person	\$208.00
Survey Crew Two (2) Person	\$175.00
Survey Crew One (1) Person	\$136.00

Inspection Services:

Lead Inspector	\$86.00
Inspectors	\$78.00
Soil Erosion Inspector	\$78.00

Environmental Services:

Professional Engineer	\$125.00
Graduate Architect	\$109.00
Project Engineer	\$109.00
Environmental Analyst	\$109.00
Wetland Scientist/Biologist	\$109.00
Registered Landscape Architect	\$90.00

Traffic Engineering Services:

Professional Traffic Engineer	\$140.00
Graduate Traffic Engineer	\$103.00
Traffic Technician	\$86.00

HOURLY RATES

Fee Schedule attached and labeled

Yes. Labeled Exhibit A



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GENERAL CONSULTING ENGINEERING SERVICES

RFP-COT 17-13
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FIRM NAME: Anderson, Eckstein,
Westrick, Inc.
Shelby Township, MI

PROPOSAL B: Design & Construction Management Fees as a Percentage of Construction Costs.

ROAD PROJECT:

CONSTRUCTION COSTS

\$100,000
\$500,000
\$1,000,000 & Over

Design Services

Low %	High %
8%	9.0%
6%	7.0%
5.2%	6.2%

CONSTRUCTION COSTS

\$100,000
\$500,000
\$1,000,000 & Over

Con. Management

Low %	High %
13.0%	13.5%
11.3%	11.8%
9.7%	10.2%

SANITARY SEWER PROJECT:

CONSTRUCTION COSTS

\$100,000
\$500,000
\$1,000,000 & Over

Design Services

Low %	High %
8%	9.0%
6%	7.0%
5.2%	6.2%

CONSTRUCTION COSTS

\$100,000
\$500,000
\$1,000,000 & Over

Con. Management

Low %	High %
13.0%	13.5%
11.3%	11.8%
9.7%	10.2%

WATER MAIN PROJECT:

CONSTRUCTION COSTS

\$100,000
\$500,000
\$1,000,000 & Over

Design Services

Low %	High %
8%	9.0%
6%	7.0%
5.2%	6.2%

CONSTRUCTION COSTS

\$100,000
\$500,000
\$1,000,000 & Over

Con. Management

Low %	High %
13.0%	13.5%
11.3%	11.8%
9.7%	10.2%

ENVIRONMENTAL PROJECT:

CONSTRUCTION COSTS

\$100,000
\$500,000
\$1,000,000 & Over

Design Services

Low %	High %
8.5%	9.0%
6.5%	7.0%
5.7%	6.2%

CONSTRUCTION COSTS

\$100,000
\$500,000
\$1,000,000 & Over

Con. Management

Low %	High %
13.0%	13.5%
11.3%	11.8%
9.7%	10.2%

Fee Schedule attached and labeled

Yes. Labeled Exhibit B



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FIRM NAME:

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Westrick, Inc.
Shelby Township, MI

PROPOSAL C:

**PROJECT TEAM
CLASSIFICATION**

Engineering Services:

Professional Engineer
Graduate Engineer
Project Engineer
Engineering Aide
Technician

Survey Services:

Professional Surveyor
Graduate Surveyor
Surveyor
Surveyor Aide
Survey Crew Three (3) Person
Survey Crew Two (2) Person
Survey Crew One (1) Person

Inspection Services:

Lead Inspector
Inspectors
Soil Erosion Inspector

Environmental Services:

Professional Engineer
Graduate Architect
Project Engineer

**OVERALL AVAILABILITY
(IN HOURS)**

Professional Engineer	30
Graduate Engineer	20
Project Engineer	20
Engineering Aide	20
Technician	20
Professional Surveyor	20
Graduate Surveyor	10
Surveyor	10
Surveyor Aide	10
Survey Crew Three (3) Person	20
Survey Crew Two (2) Person	20
Survey Crew One (1) Person	20
Lead Inspector	20
Inspectors	40
Soil Erosion Inspector	40
Professional Engineer	20
Graduate Architect	20
Project Engineer	20