

RESOLUTION NO. 2017-9

A RESOLUTION AUTHORIZING THE CITY MANAGER TO ACCEPT THE PROPOSAL AND ENTER INTO AN AGREEMENT WITH OHM ADVISORS FOR THE PROVISION OF DESIGN SERVICES FOR THE U.S. ROUTE 6 CORRIDOR PROJECT 1, ERI-6-17.52, AT A COST NOT TO EXCEED ONE HUNDRED SEVENTY SEVEN THOUSAND FOUR HUNDRED EIGHTY AND 00/100 DOLLARS (\$177,480.00)

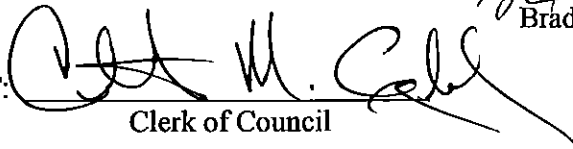
BE IT RESOLVED BY THE COUNCIL OF THE CITY OF HURON, OHIO:

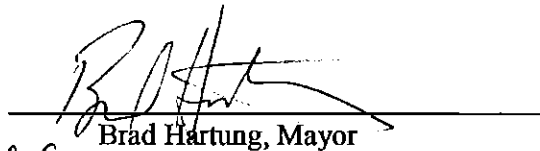
SECTION 1. That the City Manager is authorized and directed to accept the proposal and enter into an agreement with OHM Advisors for the provision of design services for the US Route 6 Corridor Project 1, ERI-6-17.52 at a cost not to exceed One Hundred Seventy Seven Thousand Four Hundred Eighty and 00/100 Dollars (\$177,480.00) which agreement shall be substantially in the form of Exhibit "A" attached hereto and made a part hereof.

SECTION 2. That this Council hereby finds and determines that all formal actions relative to the adoption of this Resolution were taken in an open meeting of this Council and that all deliberations of this Council and of its Committees, if any, which resulted in formal action, were taken in meetings open to the public in full compliance with applicable legal requirements, including O.R.C. §121.22.

SECTION 3. That this Resolution shall be in full force and effect from and immediately after its adoption.

ATTEST:


Clerk of Council


Brad Hartung, Mayor

ADOPTED: FEB 28 2017



January 17, 2017

City of Huron
Mr. Andrew D. White, City Manager
417 Main Street
Huron, OH 44839

RE: US-6 Corridor Project 1; ERI-6-17.52
Huron, OH
Proposal #16576

Dear Mr. White,

Per the Huron City Engineer Contract for 2016 & 2017, we are pleased to submit a Professional Service Design Contract for the above referenced project.

The following scope of services, price proposal, and project schedule represent our understanding of the project, based upon prior discussions, meetings, and/or additional project information made available at the time of this proposal. We look forward to our role in making this project a success.

Proposal Outline

Proposal Outline.....1

Price Proposal.....3


General Terms of the Contract.....3

Scope of Services.....3

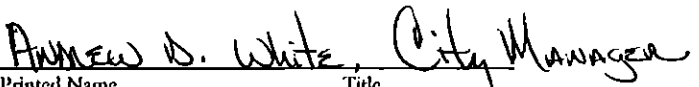
Sincerely,

OHM Advisors

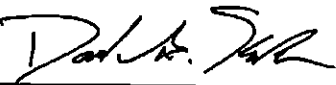
Authorization to Proceed



 Jon Lorincz
 jon.lorincz@ohm-advisors.com
 D: 330.913.1060 C: 440.309.8404



 Andrew D. White, City Manager
 Printed Name Title



 David G. Krock, PE, Director
 david.krock@ohm-advisors.com
 D: 330.913.1045 C: 330.350.0521

OHM Advisors
 6650 W SNOWVILLE RD STE A T 330 657 2845
 BRECKSVILLE OHIO 44111 F 330 919 8691 OHM-Advisors.com



Per Task #3A Professional Design Service Contracts (OHM Advisors) - Design and Preparation of Construction Plans

• **TABLE 1**

Cost of Construction			Engineering Fee (% of Construction Cost)
\$ 0	To	\$ 100,000	Hourly Rates -or- Fixed Fee Proposal
\$ 100,000	To	\$ 500,000	10% of \$100,000 + 8% over \$100,000
\$ 500,000	To	\$ 1,000,000	8% of \$500,000 + 7% over \$500,000
\$ 1,000,000	To	Higher	7%

The estimated cost of construction for the above referenced project is \$2,310,000.

A detailed scope of services (including Part A and Part B services) is provided in attachment A.

Part A; Standard Design Components

The design and preparation of construction plans fee will be an amount not to exceed \$161,700.

Price will include the standard design components listed under Task #3A, Part A of the Huron City Engineer Contract for 2017. This will be billed according to the Reduced Standard Hourly Rates table below.

Part B; Specialty Design Components

The following services, identified as specialty design components listed under task #3A, Part B, are included as a separate fee in this contract:

- 3.3.D.A Signal Plan Sheets
- 4.2.B Traffic Signal Plans

The design and preparation of signal plan sheets and traffic signal plans fee will be for an amount not to exceed \$15,780. This will be billed according to the Reduced Standard Hourly Rates table below.

The following services, identified as specialty design components listed under task #3A, Part B, are NOT included in this contract (A separate scope and fee will be prepared for these services):

- 2.2 Perform Environmental Field Studies
- 2.3 AER Design – Field Survey and Base mapping
- 3.3.K.A Geotechnical Investigation and Report
- 3.6 Prepare Environmental Document

Reduced Standard Hourly Rates

<i>Description of Personnel</i>	<i>Rates</i>	<i>Description of Personnel</i>	<i>Rates</i>
<i>Professional Engineer II</i>	<i>\$ 130 /hr</i>	<i>Design Technician III</i>	<i>\$ 80 /hr</i>
<i>Professional Engineer I</i>	<i>\$ 110 /hr</i>	<i>Design Technician II</i>	<i>\$ 70 /hr</i>
<i>Design Engineer II</i>	<i>\$ 90 /hr</i>	<i>Design Technician I</i>	<i>\$ 60 /hr</i>
<i>Design Engineer I</i>	<i>\$ 80 /hr</i>	<i>Office Administration</i>	<i>\$ 50 /hr</i>



Price Proposal

#	Engineering Tasks	Hourly Rate Fee Not to Exceed
Task #3A	Professional Design Service Contracts (OHM Advisors) – Design and Preparation of Construction Plans	\$ 161,700
Task #3A	Professional Design Service Contracts (OHM Advisors) – Part B; Traffic Signal Plans; Signal Plan Sheets	\$ 15,780
	Total =	\$ 177,480

Pricing Note:

- “Hourly Rate Fee” represents the budget estimate for the Task (Reduced standard Hourly Rates shall apply).

General Terms of the Contract

Authorization to Proceed

- Client shall sign “Authorization to Proceed” for this contract and any/all contract modifications
- Proposal shall expire 90 days from proposal date, unless contract is signed and authorized prior

Invoicing & Payments

- Invoices shall be submitted for payment at project milestones or at 4 week intervals
- Invoices shall be paid within 30 days or finance charges will be applied to the account
- In the event that legal action must be taken to collect unpaid invoices, all costs associated with the collection process, including legal fees, court costs, etc., shall be borne by the client.

Limit of Liability

- In recognition of the risk/reward associated with this contract, the maximum liability of OHM Advisors will be limited to the amount of the total price proposal, or \$25,000, whichever is less.

Scope of Services

Attachment A – Detailed Scope of Services

Huron US 6 Corridor Project 1; ERI-6-17.52

Introduction

The proposed US 6 (Cleveland Road East) Corridor Project begins at the western edge of Huron's Core Area at Center Street and extends east through the Berlin Road intersection to the Eastern City Limits. Cleveland Road East (US 6) is a 4 lane divided roadway from the Fabens Park area to Huron Street. The roadway becomes a 4 lane undivided roadway from Huron Street to Berlin Road. East of Berlin Road the pavement narrows and continues to the Eastern City Limits as two lanes. The corridor is very car-centric and bisects the City of Huron and limits access into the neighborhoods.

The City of Huron has commissioned several studies of the US 6 (Cleveland Road East) Corridor and is now ready to move forward with plans to improve the corridor. OHM Advisors has prepared this scope and fee for the services necessary to refine the preferred alternative for the corridor and to prepare plans, specifications, and cost estimate for Project 1. Project 1 is identified as the section of US6 from Main Street (SR 13) to the Eastern City Limits. Project 2 is the portion of US 6 west of Main Street.

Project Descriptions

Project 1

Main Street (SR 13) to Eastern City Limits

Estimated cost \$2.3M

Construction year 2018 (FY2019)

- Remove and replace top 3" of asphalt pavement surface
- Add sidewalk east of Berlin Road
- Remove unwarranted signal at Berlin Road
- Improve intersection angle with US 6 and Berlin Road
- Improve River Road
- Add Eastbound right turn lane at River Road
- Upgrade/modernize signal at Main Street
- Incorporate access management/drive reconfiguration
- Upgrade pedestrian facilities to meet current ADA requirements
- Restripe 4 lane section to 3 lane roadway and add bike lanes (road diet)

Project 2

Fabens Park to Main Street (SR 13)

Estimated cost \$2.4M

Construction year 2021 (FY2022)

- Remove and replace top 3" of asphalt pavement surface
- Remove unwarranted signal at Center Street
- Evaluate alternate intersections at Center Street
- Evaluate traffic calming options for eastbound traffic entering the city core.
- Upgrade pedestrian facilities to meet current ADA requirements
- Restripe to add bike lanes
- Replace curb to define on-street parking areas

Project Scope – PART A standard design components

This scope includes the services necessary to identify the preferred alternative for the entire US 6 corridor and to provide the engineering, plans, specifications and bid documents necessary to award a construction project for Project 1. Detailed design services for Project 2 are not included with this scope of services.

1 Planning Phase

1.2 Existing Data, Research and Analysis

OHM Advisors will coordinate with the City of Huron and ODOT District 3 to develop and review the project initiation package (PIP). The PIP will be used to identify utilities, general project criteria, expected environmental and agency coordination. The preferred alternate developed by the previous feasibility study will be the starting point to identify expected impacts.

Deliverables

Project Initiation Package

1.3 Existing Data, Research and Analysis – SEE PART B SPECIALTY DESIGN

2 Preliminary Engineering Phase

2.1 Develop Preliminary Alternatives

OHM Advisors will further evaluate the alternatives developed by the previous studies. This evaluation will include: additional sidewalk east of Berlin Rd; widening for a dedicated eastbound right turn lane at River Rd; additional sidewalk and curb replacement; refinement of the alternates at the west end of the downtown core. We will develop up to two alternates for the Center Street intersection. Construction limits, environmental and utility impacts, and estimated construction costs will be developed.

Deliverables

Preliminary sketches and cost estimates

2.2 Perform Environmental Field Studies – SEE PART B SPECIALTY DESIGN

2.3 Alternate Engineering Report (AER) Design

The tasks listed under AER design will be completed in conjunction with the development of the preliminary alternatives in task 2.1. OHM Advisors and our sub-consultants will assemble an existing base map. The base map will be developed to design level accuracy and will be developed for the entire corridor. Supplemental ground survey will be gathered on River Rd and Berlin Rd. existing right of way and property lines will be established in spot locations. No permanent right of way takes are anticipated, but temporary takes may be needed for grading. Services for right of way acquisition are not included with this scope of services. A separate scope and fee will be provided if the need for right of way acquisition is identified.

2.3.A Field Survey and Aerial Mapping – SEE PART B SPECIALTY DESIGN

2.3.E.A Signal Warrant Analysis – SEE PART B SPECIALTY DESIGN

2.3.G.A Utility Coordination and Documentation

OHM Advisors will contact OUPS to field mark the existing utility locations. Utilities will be field marked and gathered by survey in the critical areas. Any area with planned excavation will have the existing utility locations field marked.

2.6 Coordination Point – SEE PART B SPECIALTY DESIGN

2.7 Stage 1 Design

Tasks listed under Stage 1 design will be completed in conjunction with the Stage 2 submission. See Task 3.3 for a discussion of the deliverables.

3 Environmental Engineering Phase

3.3 Stage 2 Design

OHM advisors will develop plans for Project 1 based on the results of the preliminary engineering phase. Plans will be developed in accordance with ODOT design standards. The Stage 2 plan package will be submitted to ODOT and the City for their review and comment. The Stage 2 plan submission will include the following:

Deliverables

Stage 2 Plans (4 copies on 11x17 format)

Title Sheet

Schematic

General Notes

Typical Section

Plan and Profile - Mainline

Plan and Profile - Crossroads

Cross Sections

Intersection Details

Storm Sewer Profiles

Underdrain details

Pavement Marking Plan

Signing Plan

Signal Plan Sheets – PART B SPECIALTY DESIGN

Maintenance of Traffic General Notes

Detour Plan

MOT Typical Sections

MOT Plan Sheets

Utility Coordination and Documentation

Final Geotechnical Investigation and Report – PART B SPECIALTY DESIGN

Environmental Document (CE) – PART B SPECIALTY DESIGN

Cost Estimate

3.3.D.A Signal Plan Sheets – PART B SPECIALTY DESIGN

3.3.K.A Geotechnical Investigation and Report – PART B SPECIALTY DESIGN

3.6 Prepare Environmental Document – PART B SPECIALTY DESIGN

The services necessary to complete the environmental document are included with Task 2.2.

3.9 Project Management for Environmental Engineering Phase

2 advisors from OHM advisors will attend up to 2 project meetings. Conduct QA/QC, project supervision, and project administration duties.

4 Final Engineering and R/W Phase

4.2 Stage 3 Detailed Design Plans

OHM advisors will address the comments from the stage 2 plan review and develop stage 3 plans for project 1. Plans will be developed in accordance with ODOT design standards. The stage 3 plan package will be submitted to ODOT and the City for their review and comment. The Stage 3 plan submission will include the following:

Deliverables

Stage 3 Plans (4 copies on 11x17 format)

Updated Title Sheet

Schematic

Updated General Notes

Updated Typical Section

Pavement Subsummary

Roadway Subsummary

Earthwork and Seeding Subsummary

Pavement Marking Subsummary

Signing Subsummary

Signal Subsummary– PART B SPECIALTY DESIGN

General Summary

Plan and Profile - Mainline

Plan and Profile - Crossroads

Cross Sections

Intersection Details

Storm Sewer Profiles

Underdrain details

Pavement Marking Plan

Signing Plan

Signal Plan Sheets– PART B SPECIALTY DESIGN

Wiring diagram & pole orientation– PART B SPECIALTY DESIGN

Timing Chart– PART B SPECIALTY DESIGN

Project Site Plan

Maintenance of Traffic General Notes

Detour Plan

MOT Typical Sections

MOT Plan Sheets

Cost Estimate

Record of Utility Correspondence

Bold text indicates new sheets added to Stage 2 submission set

4.2.B Traffic Signal Plans – PART B SPECIALTY DESIGN

4.4.A Submission of Final Tracings and Documentation

OHM Advisors will address any comments from the Stage 3 review. Prepare the utility note, prepare bid documents, bid tab, specifications, and coordinate with ODOT to prepare the plans for advertising and award.

4.5 Project Management for Final Engineering and Right of Way Phase

2 advisors from OHM advisors will attend up to 2 project meetings. Conduct QA/QC, project supervision, and project administration duties.

4.6 Pre-Bid Activities

OHM Advisors will assist during the bidding phase and respond to pre-bid questions.

5 Construction Phase

OHM Advisors will assist during the construction phase with responses to requests for information from the contractor.

Project Scope – PART B specialty design components

1.2 Existing Data, Research and Analysis – INCLUDED WITH PART A FEE

OHM will conduct supplemental traffic counts as needed and request certified traffic from ODOT. A formal Purpose and Need document is not necessary for this project. However, a written statement of the purpose and need will be developed for use in environmental documents.

Deliverables

Certified Traffic

2.1.A.B Capacity Analysis for Alternatives – INCLUDED WITH PART A FEE

OHM will analyze the traffic operation for the various alternates described under task 2.1.

Deliverables

None

2.2 Perform Environmental Field Studies – NOT INCLUDED

OHM Advisors is working with ODOT to determine if ODOT environmental staff will conduct the environmental activities necessary for NEPA compliance. If clearance activities are too time involved, OHM will solicit cost proposals from prequalified consultants to complete the Categorical Exclusion (CE) document and related environmental studies. All environmental efforts will be submitted to ODOT using the environet on-line system.

Deliverables

NEPA Assignment (Approved CE document)

2.3 AER Design – Field Survey and Base Mapping – NOT INCLUDED

OHM contacted the aerial mapping consultant currently under contract with the State of Ohio to determine if design level mapping can be obtained from their products. OHM will prepare a base map for use in plan development.

Deliverables

CADD base map suitable for detail design

2.3.E.A Signal Warrant Analysis – INCLUDED WITH PART A FEE

OHM will prepare signal removal analysis for the signals at Center Street and Berlin Road. The removal analysis will include: re-evaluation of the warrant analysis, measure intersection sight distance and compare to the AASHTO standards.

Deliverables

Removal analysis memo

2.6 Coordination Point – INCLUDED WITH PART A FEE

The preferred alternative will be presented for public comment. OHM Advisors will prepare handouts, exhibits, comment sheets, and sign in sheets for a public meeting. The public meeting will be conducted in an open house style. 2 representatives from OHM will attend the meeting and be available to answer questions. The city will secure the meeting space and advertise for the meeting.

Deliverables

Sign in sheets, meeting announcements, handouts, comment sheets
Display boards

3.3.D.A Signal Plan Sheets – INCLUDED AS A SEPARATE FEE

Deliverables

See Task 3.3 for a list of sheets included with this effort.

3.3.K.A Geotechnical Investigation and Report – NOT INCLUDED

OHM will solicit cost proposals from prequalified consultants to conduct the necessary geotechnical field exploration and analysis for the proposed embankment work at River Road.

Deliverables

Geotechnical report and recommendations

3.6 Prepare Environmental Document – NOT INCLUDED

The services necessary to complete the environmental document are included with Task 2.2.

4.2.B Traffic Signal Plans – INCLUDED AS A SEPARATE FEE

OHM Advisors will prepare the plan details and calculations for the upgraded signal installation at the Main Street (SR-13) intersection.

Deliverables

See Task 4.2 for a list of sheets included with this effort.