

RESOLUTION NO. 102-2022

Introduced by Matt Grieves

A RESOLUTION AUTHORIZING THE CITY MANAGER TO ACCEPT THE PROPOSAL AND ENTER INTO AN AGREEMENT WITH OHM ADVISORS FOR ENGINEERING CONSTRUCTION DESIGN AND BIDDING SERVICES RELATED TO THE SOUTH MAIN STREET WATERMAIN REPLACEMENT PROJECT IN AN AMOUNT NOT TO EXCEED TWO HUNDRED FIFTY-NINE THOUSAND ONE HUNDRED TWENTY-FIVE AND 00/100 DOLLARS (\$259,125.00)

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

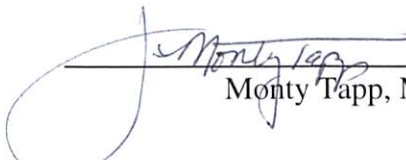
SECTION 1. That the City Manager shall be, and he hereby is, authorized and directed to accept the proposal and enter into an agreement with OHM Advisors for engineering construction design and bidding services for the South Main Street Watermain Replacement Project in an amount not to exceed Two Hundred Fifty-Nine One Hundred Twenty-Five and 00/100 Dollars (\$259,125.00), which agreement shall be in 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


Monty Tapp, Mayor

ADOPTED: 22 NOV 2022



ARCHITECTS. ENGINEERS. PLANNERS.

October 31, 2022

City of Huron
Stuart Hamilton, Service Director
417 Main Street
Huron, OH 44839

RE: S. Main Street Watermain Replacement

Location: City of Huron
Proposal #22231

Dear Mr. Hamilton:

The following scope of services, price proposal, and project schedule which represent our understanding of the project, based upon prior discussions, meetings, and/or additional project information made available at the time of this proposal. Should you have any questions, please let us know.

Proposal Outline

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Sincerely,
OHM Advisors

Chad M. Lewis, PE, Project Manager
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Russell Critelli, PE, PMP
Principal/Manager of Cleveland
Russ.critelli@ohm-advisors.com

Authorization to Proceed

Signature

11/23/2022
Date

Matthew Lasko City Manager

Printed Name

Title

OHM Advisors*

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Project Understanding

The referenced project includes watermain replacement along South Main Street, Huron-Avery Road, and Mudbrook Road with new 12" PVC pipe; and replacement on Valley View Drive, Hickory Road, Forest Hills Drive, Huron Street, and Mills Street with new 8" PVC pipe. The project will also include spot curb, curb ramps, walk, and pavement repairs. Resurfacing of asphalt pavement will occur on Valley View Drive, Hickory Road, Forest Hills Drive, and Mills Street.

Scope of Services - Information Gathering Tasks

Task #1 Geotechnical Services

- The following services are included in the fee shown:
 - Performance of 10 test boring locations to 10 feet deep.
 - Standard penetration sampling per current ASTM standards.
 - Summary of existing pavement composition and thickness.
 - Written report of findings and recommendations including:
 - Soil profile and subsurface conditions.
 - Constructability cautionary notes.
 - Groundwater level readings.
 - Identify and evaluate soil properties.
 - This information will be used for follow-on engineering tasks.

Task #2 Topographic Survey

- The following services are included in the fee shown:
 - Limits of Survey:

▪ South Main Street: Rivers Edge Drive to Huron-Avery Road	775 LF
▪ Huron-Avery Road: South Main Street to City Limit	1,300 LF
▪ Mudbrook Road: South Main Street to House No. 1125	650 LF
▪ Valley View Drive: South Main Street to West Terminus	740 LF
▪ Hickory Road: Valley View Drive to Forest Hills Drive	355 LF
▪ Forest Hills Drive: West Terminus to South Main Street	1,320 LF
▪ Huron Street: US 6 to Mills Street	605 LF
▪ Mills Street: Main Street to Huron Street	350 LF
Total Survey Length	6,095 LF
 - Right-of-way Limits plus 10 feet.
 - Data Collected:
 - All existing utilities (overhead and underground), as marked by OUPS
 - All street pavement and curbs
 - Driveways, hard surfaces, landscape areas, trees, bushes, etc.
 - Contour elevations
 - Other important topographic features that might impact construction
 - This information will be collected and provided in an AutoCAD format for use in design



Scope of Services - Engineering Tasks

Task #56 Pre-Design & Field Analysis

- The following services are included in the fee shown:
 - Analysis
 - The engineer shall utilize the field review to verify conditions for construction, maintaining traffic, repair/replacement effort, and to make notations of specific areas of concern and caution for the contractor.
 - Recommendation
 - The engineer will provide limits and type of work to be performed on designated streets along with associated construction estimates to aid in project decision making.

Task #58 Schematic Design

- The following services are included in the fee shown:
 - Schematic design
 - Horizontal alignment of all streets
 - Vertical alignment of all streets
 - Roadway typical sections
 - Initial layout of the water main system
 - Initial analysis of site impacts, beyond the roadway including driveways, side streets, and adjacent property
 - Sidewalk repair limits
 - Curb repair limits
 - Drive apron repair limits
 - Preparation of schematic level plan set to include:
 - Title Sheet
 - Legend Sheet
 - Schematic Plan
 - Typical Section
 - Plan & Profile Sheets
 - Preparation of Schematic level construction cost estimate
 - Coordination of initial design concepts with public agencies, including:
 - City of Huron
 - Huron Water Department
 - Erie County D.O.E.S.
 - Submittal of Schematic Design Plans to Private Utility Companies for initial coordination of impacts/conflicts with their facilities for purposes of potential relocation.
 - OHM will provide city with table of correspondence including dates, contacts, utility type, and planned or proposed utility maintenance/improvement projects schedules.

Task #59 Design Development

- The following services are included in the fee shown:
 - Design Development (DD) of water main replacement, pavement resurfacing and repairs, curb, walk, and drive apron replacement
 - Street Design
 - Pavement section, width, and profile
 - Water Main Design
 - Plan and profile design of water main, hydrants, services, etc.



- Maintenance of Traffic Design
 - Preparation of lane use details
 - Preparation of local detours and signage
 - Preparation of local access details
 - Preparation of plan sheets showing MOT plan
- Preparation of Design Development level construction cost estimate
- Coordination of DD level plans with public agencies, including:
 - City of Huron
 - Huron Water Department
 - Erie County D.O.E.S.
- Submittal of Design Development Plans to private utility companies for further coordination of impacts/conflicts with their facilities for purposes of potential relocation (as needed).

Task #60 Construction Documents

- The following services are included in the fee shown:
 - Preparation of Construction Documents shall be as follows:
 - Title Sheet
 - Legend Sheet
 - Schematic Plan
 - Typical Section
 - General Notes & Specifications
 - Maintenance of Traffic Plan & Details
 - General Summary
 - Plan & Profile Sheets
 - Drive Detail Sheets
 - Water Main Crossings Profile Sheets
 - Water Works Details and Specifications
 - Construction Details
 - SWPPP Site Plan and Details
 - Design will include all details and specifications required for public bidding of a unit price contract, in accordance with industry standards.
 - Coordination and approval of Final Construction plans with public agencies, including:
 - City of Huron
 - Huron Water Department
 - Erie County D.O.E.S.
 - Submittal of Final Construction plans to Private Utility Companies for follow-up and final coordination of impacts/conflicts with their facilities for purposes of potential relocation.

Task #90 Official Engineer's Project Cost Estimate

- The following services are included in the fee shown:
 - Determination of estimated quantities for construction
 - Evaluation and estimate of construction costs for use with public bidding requirements



Scope of Services - Bidding and Award Tasks

Task #151 Bidding & Contract Documents

- The following services are included in the fee shown:
 - Preparation of bid documents including legal advertisement, instructions to bidders, bid forms, contract forms and affidavits, prevailing wage forms, EEO forms, scope of work, schedule, and other Owner forms and requirements to be added to the public bidding process.
 - These documents will be 100% complete, ready for bidding of the Public Project.
 - Bid books will be made available for purchasing by bidders

Task #152 Bid Process, Review, & Award

- The following services are included in the fee shown:
 - Addendums/Clarifications
 - This activity is necessary to provide written explanation to all bidders for any questions regarding the bid documents and plans.
 - Depending upon the size and complexity of the project, multiple addendums/clarifications may be required for the project.
 - OHM will prepare addendums/clarifications and any necessary supporting documents and distribute to plan holders.
 - Post-Bid Activities
 - Evaluation of bids and contractor qualifications
 - Pre-Award Meeting to review all bid items with apparent low bidder
 - Recommendation of Award to the Owner
 - Contract Documents
 - OHM will prepare (3) three copies of contract documents for execution, bonding, insurance, etc.
 - OHM will prepare the notice of commencement for signature(s)
 - The fee provided includes one bidding process only. In the event the project needs re-bid, a contract modification will be submitted for the bidding services to be provided. Additional services will commence upon approval of the contract modification.



Price Proposal

#	Information Gathering Tasks	Fee
Task #1	Geotechnical Services	\$ 9,625
Task #2	Topographic Survey	\$ 33,500
	Subtotal =	\$ 43,125
#	Engineering Tasks	Fee
Task #56	Pre-Design & Field Analysis	\$ 5,000
Task #58	Schematic Design	\$ 45,000
Task #59	Design Development	\$ 67,000
Task #60	Construction Documents	\$ 90,000
Task #90	Official Engineer's Project Cost Estimate	\$ 3,000
	Subtotal =	\$ 210,000
#	Bidding & Award Tasks	Fee
Task #151	Bidding & Contract Documents	\$ 3,000
Task #152	Bid Process, Review & Award	\$ 3,000
	Subtotal =	\$ 6,000
	Grand Total =	\$ 259,125

Compensation

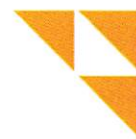
The fee proposal above shall be completed on a lump sum basis.

Anticipated Project Schedule

Information Gathering Tasks: November/December 2022

Engineering Tasks: December 2022 through April 2023

Bidding & Award Tasks: May/June 2023



Clarifications and Assumptions

- Our Proposal was prepared based on the following assumptions:
 - If additional labor effort or change in schedule is required beyond described herein, OHM Advisors will negotiate an amendment with the City of Huron. OHM Advisors will not proceed with additional services without written authorization to proceed from the City of Huron.
 - Meetings shall be conducted in accordance with the Scope of Services as described herein. Additional meetings, not described within our Scope of Services, shall be considered additional services and will be billed on an hourly basis under the Additional As-Needed Services Allowance upon agreement with the City of Huron.

Client Responsibilities

- City of Huron will provide a single point of contact to OHM Advisors who is knowledgeable about the project needs and desired outcomes
- City of Huron will provide the following, if available, to assist us with the project: (prior as-builts and existing plans, plat maps, site surveys indicating site boundaries, existing topography, access to structures, easements and utility line information, utility availability, building information, etc.)

Terms & Conditions

The Terms and Conditions contained in the Annual Engineering contract per resolution number 5-2021 shall also apply to this contract.