

**CITY OF MILTON, WISCONSIN
EAST HIGH STREET UTILITY EXTENSIONS
DESIGN ENGINEERING SERVICES
WORK ORDER**

Engineer's Project No. 202034.41

Project Description:

This Project consists of providing design engineering for water system and sanitary sewer system extensions along East High Street from roughly Freedom Graphics to State Trunk Highway (STH) 59. The extensions are anticipated to serve developments along East High Street as well as future developments along STH 59. The total project length is approximately 3,400 feet.

Engineering Services:

The general provisions of this Work Order are enumerated in the Engineering Services Agreement between the Owner and Engineer dated January 1, 2016. Engineer shall provide the services set forth in Attachment A, attached hereto. Manpower Requirements and Fee Summary are listed in Attachment B.

Compensation:

Compensation for the services will be in accordance with the Engineering Services Agreement dated January 1, 2016. The Owner shall pay the Engineer for the services performed or furnished under Attachment A, based upon the Engineer's standard hourly billing rates included in Attachment B for actual work time performed plus reimbursement of out-of-pocket expenses including travel, which in total will not exceed **\$16,250.00**.

Submitted by: **Baxter & Woodman, Inc.**

By: _____

Douglas R. Snyder, PE

Title: Vice President

Date: June 3, 2022

Approved: **City of Milton, Wisconsin**

By: _____

Al Hulick

Title: City Administrator

Date: _____

Attest: _____

Jenny Salvo, Clerk

Additional Comments and Conditions: City will be responsible for bidding the Project.

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SCOPE OF SERVICES

Design Services

1. **ADMINISTRATION & MEETINGS** – Confer with the City’s staff and project team to ensure the goals of the Project are achieved and to clarify and define the general scope, extent, and character of the Project.
2. **PROJECT MANAGEMENT** – Plan, schedule, and control the activities that must be performed to complete the Project. These activities include, but are not limited to, budget, schedule, and scope.
3. **TOPOGRAPHIC SURVEY** – Topographic survey of East High Street, including 100 feet of each crossing street, of natural and manmade features to develop base sheets for project plan drawings was performed during the preliminary design phase of the overall project. A site visit will be performed to ensure the survey data is accurate.
4. **FINAL DESIGN** – Prepare design documents consisting of drawings showing the general scope, extent, and character of construction work to be furnished and performed by the contractor(s) selected by the City. City staff will prepare specifications.
5. **OPINION OF PROBABLE COST** – Prepare an opinion of probable construction cost for the Project.
6. **AGENCY SUBMITTALS** – Submit the design documents to the Wisconsin Department of Natural Resources and reply accordingly to any responses.

Attachment B

City of Milton						
Plan Number: 202034.41						
Plan Name: MILTC - East High Street Utilities - Design						
Level 2	Level3	Labor Category	Employee	Planned Hrs	Planned Labor Bill	Total Compensation
Overall Project Total				128.00	16,250.00	16,250.00
WI100 Manage Project				8.00	1,680.00	1,680.00
		Engineer VII	Gary Vogel	8.00	1,680.00	
WI200 Preliminary Plans, Specifications and Cost Estimate				84.00	9,910.00	9,910.00
WI210 Topographic Survey				8.00	1,080.00	1,080.00
		Engineer II	Lila Johnson	4.00	540.00	
		CADD Tech III	Ursula Botsch	4.00	540.00	
WI220 Water Main Design				52.00	5,880.00	5,880.00
		Engineer II	Lila Johnson	20.00	2,700.00	
		Engineer I	Liam Mayhew	12.00	1,380.00	
		Engineer Tech I	Jordan Sharpe	20.00	1,800.00	
WI230 Specifications				24.00	2,950.00	2,950.00
		Engineer II	Lila Johnson	12.00	1,620.00	
		Engineer I	Liam Mayhew	10.00	1,150.00	
		Administrative Support III	Julie Crayton	2.00	180.00	
WI300 Final Plans, Specifications and Estimate of Cost				36.00	4,660.00	4,660.00
WI310 QC/QA				4.00	700.00	700.00
		Engineer IV	Joseph Marchese	4.00	700.00	
WI320 Final Contract Plans and Contract Proposal				32.00	3,960.00	3,960.00
		Engineer VII	Gary Vogel	4.00	840.00	
		Engineer II	Lila Johnson	10.00	1,350.00	
		Engineer I	Liam Mayhew	6.00	690.00	
		Engineer Tech I	Jordan Sharpe	12.00	1,080.00	