

**CITY OF MILTON, WISCONSIN
NORTHEAST LIFT STATION
DESIGN ENGINEERING SERVICES
WORK ORDER**

Engineer's Project No. 211913.40

Project Description:

This Project consists of providing design engineering services for the construction of a new wastewater lift station to primarily serve the proposed redevelopment of the Bonnie Meade Golf Course. The design will follow the plan identified in the Concept Plan, dated October 19, 2021, see Exhibit. The force main discharge will connect to the City's interceptor sewer just to the west of the lift station site. The lift station will be similar to the other stations currently in design (LS No. 5 and LS No. 6) for the City and will be bid together in one bid package.

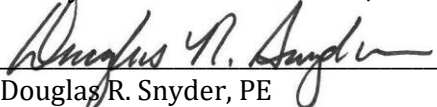
Engineering Services:

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 **\$37,500.00**.

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

By: 
Douglas R. Snyder, PE
Title: Vice President

Date: March 2, 2022

Approved: **City of Milton, Wisconsin**

By: _____
Al Hulick
Title: City Administrator

Date: _____

Attest: _____
Jenny Salvo, Clerk

Additional Comments and Conditions: None.

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SCOPE OF SERVICES

Preliminary 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 – Perform topographic survey of the lift station sites and associated utility improvement locations of natural and manmade features to develop base sheets for project plan drawings and confirm dimensions. In addition, obtain data or records indicating locations of underground utilities.
4. UTILITY COORDINATION – Coordinate work with Utility companies during early preliminary design. Also, provide final design documents to those companies once complete.
5. GEOTECHNICAL CONSULTANT COORDINATION – Assist the City with contracting a consultant to provide geotechnical services. Review geotechnical data provided and incorporate into the proposed improvements as required. Geotechnical fees are not included within this Work Order, but are estimated to be around \$5,000.
6. PRELIMINARY DESIGN – Prepare preliminary design documents for the lift station and associated utility improvements consisting of drawings showing the general scope, extent, and character of construction work for review by City staff.
7. 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 and specifications which will be prepared in conformance with the format of the Construction Specification Institute.

8. **QUALITY CONTROL REVIEWS** – Perform an in-house peer review and constructability review of the plans, specifications, and Engineer’s opinion of probable cost.
9. **OPINION OF PROBABLE COST** – Prepare an opinion of probable construction cost for the Project.
10. **AGENCY SUBMITTALS** – Submit the design documents to the Wisconsin Department of Natural Resources for their review and approval of the Project.
11. **CONSTRUCTION DOCUMENTS** – Prepare for review and approval by the City and its legal counsel the forms of construction contract documents consisting of Notice and Instructions to Bidders, Bid Form, Agreement, Performance-Payment Bond, General Conditions, and Supplementary Conditions, where appropriate, based upon documents prepared by the Engineers Joint Contract Document Committee (EJCDC).

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Attachment B

City of Milton					
Plan Number: 211913.40					
Plan Name: MILTC - Northeast Lift Station Design					
Level 2	Employee	Planned Hrs	Planned Labor Bill	Reimb Allowance	Total Compensation
Overall Project Total		245.00	37,100.00	400.00	37,500.00
WW100 Project Management & Meetings		22.00	4,270.00	100.00	4,370.00
	Gary Vogel	12.00	2,520.00		
	Joseph Marchese	10.00	1,750.00		
SUR100 Topographic Survey		25.00	3,000.00	300.00	3,300.00
	Joseph Molidor	15.00	1,950.00		
	Shawn Hastings	10.00	1,050.00		
WW200 LS Design		104.00	14,690.00		14,690.00
	Gary Vogel	4.00	840.00		
	Adam Stec	10.00	1,900.00		
	Joseph Marchese	40.00	7,000.00		
	Jordan Sharpe	40.00	3,600.00		
	Phung Tran	10.00	1,350.00		
WW300 Utility Design		46.00	6,560.00		6,560.00
	Gary Vogel	6.00	1,260.00		
	Joseph Marchese	20.00	3,500.00		
	Jordan Sharpe	20.00	1,800.00		
WW400 Project Manual		18.00	2,970.00		2,970.00
	Gary Vogel	2.00	420.00		
	Joseph Marchese	12.00	2,100.00		
	Julie Crayton	2.00	180.00		
	Phung Tran	2.00	270.00		
WW500 Engineer's Opinion of Probable Cost		10.00	1,770.00		1,770.00
	Douglas Snyder	2.00	450.00		
	Joseph Marchese	6.00	1,050.00		
	Phung Tran	2.00	270.00		
WW600 QA/QC		6.00	1,320.00		1,320.00
	Douglas Snyder	4.00	900.00		
	Gary Vogel	2.00	420.00		
WW700 Agency Submittals		14.00	2,520.00		2,520.00
	Gary Vogel	2.00	420.00		
	Joseph Marchese	12.00	2,100.00		

