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August 24, 2022

Dan Schluender, P.E. City Engineer City of Blaine 10801 Town Square Drive NE Blaine, MN 55449

RE:

Proposal for Ulysses Street and 117th Avenue Roundabout

City of Blaine, MN

Mr. Schluender:

As requested, we have prepared our proposed fees to reconstruct the intersection of Ulysses Street and 117th Avenue with a new roundabout consistent with the Intersection Control Evaluation (ICE) we prepared, dated January 16, 2020. Additional details of the project scope, fee and schedule are provided below.

Project Scope

Task 1 - Preliminary Survey

As part of Task 1, we will attend a kickoff meeting and perform a pre-inspection of the project, geotechnical investigation, and topographic survey, including private utility documentation.

Task 2 – Design Services

As part of Task 2, we will perform the following:

- Apply for and obtain all applicable permitting (i.e. watershed permit, MPCA storm water permit, and detour permit), including State Aid review and approval.
- Prepare a Roundabout Justification Report (RJR). The existing Intersection Control Evaluation
 will be more than three years old at the time of construction. Therefore, the crash data,
 volumes, forecasts, and operational analyses needs to be updated and converted to an RJR
 format.
- Geometric layout, final design, and construction cost estimates.
- Preparation of plans and specifications.
- Prepare for and attend one neighborhood open house to review the project.
- Assistance with bidding by answering contractor questions and preparing addendums if required (it is understood the city will submit the ad-for-bid, open the bids, and prepare the bid abstract).
- Determine easement needs and prepare easement sketches and descriptions for the four parcels adjacent to the intersection.

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Proposed Fee

The following table summarizes the cost breakdown for each task. A detailed summary of our estimated hours and hourly rates is attached to this proposal.

	Estimated Fees	
Task	Description	Amount
1	Preliminary Survey Services	\$31,051
2	Design Services	\$167,408
	Total Estimated Fee	\$198,459

Tasks 1 and 2 shall be Hourly Not to Exceed, subject only to adjustments for a change in scope of services performed agreed upon in writing by the City and the Consultant.

A separate proposal will be submitted for construction services costs following completion of the design services task.

Proposed Project Schedule

The following schedule allows for construction to be completed during the 2023 construction season:

Proposed Project Schedule	
Council approves consultant contract, orders project, authorizes plans/specs	September 7, 2022
Perform prelim survey	Sept - Oct 2022
Prepare plans/specs	Oct 2022 - Jan 2023
Open house meeting	January 2023
Council approves plans/specs, sets bid date	January 16, 2023
Open Bids	February 27, 2023
Council awards contract	March 6, 2023
Begin construction	Spring 2023
Complete construction	Summer 2023

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Acceptance

Please indicate your acceptance of this proposal by signing on the signature block below and returning a copy to us.

We appreciate the opportunity to submit this proposal and look forward to working with you on this project. If you have any questions regarding this proposal, please contact me at 651-968-7742.

Bolton & Menk, Inc.	City of Blaine
Miller	
Michael Nill, P.E. (MN, WI)	Ву:
Principal Engineer	
	Printed Name: <u>Tim Sanders</u>
	Title: Mayor
	Date:
	By:
	Duinted Names - Naishalla Walfa
	Printed Name: <u>Michelle Wolfe</u>
	Title: <u>City Manager</u>
	Date:

	Fee	Schedu	le - Ulys	sses Str	Schedule - Ulysses Street and 117th Avenue Roundabout	117th A	Avenue	Rounda	bout					
Task No.	K Work Task Description	Principal Engineer/ Project Manager	Design Engineer	Engineering Technician	Water Resources Project Manager	Water Resources Design Engineer	Transportation Engineer	Construction Manager	Survey Manager	nsioindoeT yevnuc	Zntveyor	ls sind setoe D	Total Hours	Total Cost
Task	Task 1 - Preliminary Survey Services													
1.1	Kick-off Meeting	2	2										4	\$644
1.2	Street and Structure Inspections	2	10					10					22	\$3,080
1.3	1.3 Topographic Survey		3						8	16	06		117	\$19,327
1.4	Geotechnical Review												AN	\$8,000
												Sub-Tota	Sub-Total Task 1	\$31,051
Task	Task 2 - Design Services													
2.1	Permitting	2	12		14	64							92	\$11,504
2.2	RJR and Roundabout Geometry	8		30			72						110	\$15,874
2.3	Final Design and Cost Estimates	48	96		09	128	40	4					376	\$52,204
2.4	Preparation of Plans and Specs	142	200	160	8	36		4					250	\$77,962
2.5	Prepare for and Attend One Open House	4	4	2									10	\$1,518
2.6	Assistance with Bidding	4	10	4									18	\$2,570
2.7	Easement Sketch and Descriptions (4 total)								8	32			40	\$5,776
												Sub-Tot	Sub-Total Task 2	\$167,408
	Total Hours	212	337	196	82	228	112	18	16	48	06		1339	
	Hourly Rate	\$185.00	\$137.00	\$115.00	\$143.00	\$117.00	\$152.00	\$134.00	\$182.00	\$135.00	\$170.00			
	TOTAL COST	\$39,220	\$46,169	\$22,540	\$39,220 \$46,169 \$22,540 \$11,726 \$26,676 \$17,024 \$2,412	\$26,676	\$17,024	\$2,412	\$2,912	\$6,480	\$15,300	0\$		\$198,459