



December 7, 2021

Duncan Schwensohn
City of Duluth
411 West 1st Street
Duluth, MN 55802

Re: Contract Amendment #2 – Riverwest Drive (Kayak Bay Road) Construction
Duluth, Minnesota
MSA Proposal #00616134
City Project # 1403

Dear Mr. Schwensohn:

This document outlines the additional services performed by MSA relating to the Riverwest Drive Construction project. Also attached is an hourly break down of the services discussed below.

Phase 700 – Construction Inspection

- Task 701 – Construction Inspection – Initial estimate of total construction observation time was 8 weeks at 60 hours per week.
 - 6 additional weeks of construction observation incurred in 2021. This additional time was a result of:
 - Delays in construction staging due to construction material supply shortages (signal steel, anchor bolts for signal foundations, tree species substitutes, sedimentation basin fabrication).
 - Size of construction crew Contractor used to complete work.
 - Unforeseen ground water issues encountered during construction slowing the rate of utility construction.
 - Inspection and subsequent follow-up coordination and inspection time due to “unacceptable” work done by the Contractor.
 - Changes to BNSF Railroad utility crossing permit.
 - Estimate of 2 additional weeks of inspection to complete the following project items.
 - Signal Construction (estimated delivery date of signal steel March 2022)
 - Pavement markings and striping
 - Final punchlist walk through

Cost = \$45,940

Phase 900 – Additional Services

- Task 915 – Sanitary Sewer & Entrance Design Revisions – Work to revise plans to add two additional sanitary manholes, remove service laterals, and revise location of entrance off Riverwest drive. Time also includes coordination with contractor and landscape architect sub-consultant to implement changes and revise landscape design

Cost= \$2,806.00

Total Cost of Amendment #2 = \$48,746.00

332 W. Superior Street
Suite 600
Duluth, MN 55802

P (218) 722-3915
TF (800) 777-7380
F (218) 722-4548

www.msa-ps.com

Page 2

Contract Amendment #1 – Riverwest Drive Construction
Duluth, Minnesota
MSA Proposal #00616134

If you have any questions regarding the information presented here do not hesitate to reach out via phone call or email.

Sincerely,
MSA Professional Services, Inc.

A handwritten signature in black ink, appearing to read "James A. Watters". The signature is fluid and cursive, with a large loop at the end.

James A. Watters, P.E.
Project Manager

Attachments:
1403_Contract_Amendment_#2_Costs

Riverwest Drive (Kayak Bay Road) Design, Utilities and Signal Design and Construction - City Project 1403 (Bid Number: 18-17AA)

CONTRACT AMENDMENT #2 COST ESTIMATE

Phase	Task / Deliverable	Task No.	Project Manager	Project Engineer	Staff Engineer	Engineering Technician	Total Hours	Labor Cost	Direct Expenses	Subconsultant Fees	Amendment #2 Total Cost	Original Contract +	Original Contract +	Cost Difference	
			Watters	Barnebey	Steinbrueck	Lockett						Amendment #1	Amendments #1 & #2		
		Hourly Rate	\$98.00	\$117.00	\$82.00	\$105.00									
Phase No.	Task / Deliverable	Task No.	Estimated Hours	Estimated Hours	Estimated Hours	Estimated Hours									
(Notes)	Subtasks/Task notes & details														
100	Initial Site Visit & Consultation	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$0.00	\$2,921.18	\$2,921.18	\$ -
200	Plans & Specifications	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$0.00	\$75,046.18	\$75,046.18	\$ -
300	Meetings & Public Participation	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$0.00	\$6,387.33	\$6,387.33	\$ -
400	Cost Estimate	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$0.00	\$2,618.00	\$2,618.00	\$ -
500	Project Bidding	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$0.00	\$1,787.00	\$1,787.00	\$ -
600	Construction Administration	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$0.00	\$23,753.00	\$23,753.00	\$ -
700	Construction Inspection (8 Weeks)		0	0	195	250	445	\$ 42,240.00	\$ 2,700.00	\$ 1,000.00	\$45,940.00	\$42,951.25	\$88,891.25	\$45,940.00	
[1]	Construction Inspection	701	0	0	195	250	445	\$42,240.00	\$2,700.00	\$1,000.00	\$45,940.00	-	-	-	
	<i>Additional 6 weeks, 60 hours per week (2021) + 2 weeks, 40 hours per week (2022)</i>														
800	Contract Admin & Project Management	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$0.00	\$ 3,999.00	\$3,999.00	\$ -
900	Additional Services		8	6	10	0	24	\$2,306.00	\$0.00	\$500.00	\$2,806.00	\$45,037.30	\$47,843.30	\$2,806.00	
[2]	Sanitary Sewer & Entrance Design Revisions	915	8	6	10	0	24	\$2,306.00	\$0.00	\$500.00	\$2,806.00	-	-	-	
	<i>Work to change sanitary sewer design and entrance location due to change in land use by the Developer</i>														
GRAND TOTAL			8	6	205	250	469	\$44,546.00	\$2,700.00	\$1,500.00	\$48,746.00	\$204,500.24	\$253,246.24	\$48,746.00	

Notes

- [1] 6 additional weeks in construction season 2021 + 2 weeks to wrap up signal construction, pavement striping, and final walk through
- [2] Work to change sanitary sewer design and entrance location due to change in land use by the Developer