

Riverwest Drive (Kayak Bay Road) Design, Utilities and Signal Design and Construction - City Project 1403 (Bid Number: 18-17AA)																					
CONTRACT AMENDMENT #1 COST ESTIMATE																					
		Project Manager Dipiazza	Project Manager Roadway Watters	Project Engineer Traffic Huibregtse	Project Engineer Stormwater & Utilities Barnebey	Staff Engineer Terveer	Engineering Technician Design Solberg	Staff Engineer Steinbrueck	Engineering Technician Construction Lockett	Surveyor Thannum	Professional Surveyor Schley	Office Admin. Marcott	QA/QC	Total Hours	Labor Cost	Direct Expenses	Subconsultant Fees SAS Associates	Total Cost	Original Contract Amount	Cost Difference	
Phase		Hourly Rate	\$124.00	\$98.00	\$119.00	\$117.00	\$90.00	\$87.00	\$82.00	\$105.00	\$72.00	\$112.00	\$75.00	\$140.00							
Phase No.	Task / Deliverable	Task No.	Estimated Hours	Estimated Hours	Estimated Hours	Estimated Hours	Estimated Hours	Estimated Hours	Estimated Hours	Estimated Hours	Estimated Hours	Estimated Hours	Estimated Hours	Estimated Hours							
(Notes)	Subtasks/Task notes & details																				
100	Initial Site Visit & Consultation	-	-	-	-	-	-	-	-	-	-	-	-	-	27	\$2,893.00	\$28.18	\$ -	\$2,921.18	\$2,921.18	\$0.00
200	Plans & Specifications	-	-	-	-	-	-	-	-	-	-	-	-	-	728	\$70,953.00	\$793.18	\$ 3,300.00	\$75,046.18	\$75,046.18	\$0.00
300	Meetings & Public Participation	-	-	-	-	-	-	-	-	-	-	-	-	-	53	\$6,236.00	\$151.33	\$ -	\$6,387.33	\$6,387.33	\$0.01
400	Cost Estimate	-	-	-	-	-	-	-	-	-	-	-	-	-	27	\$2,613.00	\$5.00	\$ -	\$2,618.00	\$2,618.00	\$0.00
500	Project Bidding		0	6	0	0	0	0	0	0	0	0	2	0	18	\$1,772.00	\$15.00	\$ -	\$1,787.00	\$1,747.00	\$40.00
	Bidding Documents	501	0	6	0	0	0	0	0	0	0	0	2	0	8	\$738.00	\$5.00		\$743.00	\$717.00	\$26.00
	Prepare final plans and contract general and sepcial provisions																				
	Pre-bid Conference	502	0	2	0	2	0	0	0	0	0	0	0	0	4	\$430.00	\$10.00		\$440.00	\$428.00	\$12.00
	Attend																				
	Bid Support	503	0	2	0	2	0	2	0	0	0	0	0	0	6	\$604.00	\$0.00		\$604.00	\$602.00	\$2.00
	Answer questions, develop addendum																				
600	Construction Administration		0	43	2	26	0	12	20	22	84	16	0	0	225	\$ 20,328.00	\$ 3,425.00	\$ -	\$23,753.00	\$22,573.00	\$1,180.00
[1]	Construction Contract Management	601	0	12	0	4	0	0	0	4	0	4	0	0	24	\$2,512.00	\$0.00		\$2,512.00	\$2,025.00	\$487.00
	Process change orders, review submittals, prepare for and attend precon and mass grading meetings																				
	State Aid Documentation & Reporting	602	0	10	0	0	0	0	0	0	0	0	0	0	10	\$980.00	\$10.00		\$990.00	\$990.00	\$0.00
	Certified payroll review/tracking, field interview																				
	Progress Reports	603	0	4	0	0	0	0	4	0	0	0	0	0	8	\$720.00	\$10.00		\$730.00	\$885.00	-\$155.00
	Weekly - 8 weeks, includes schedule management																				
	Shop Drawing review	604	0	5	2	2	0	0	2	1	0	0	0	0	12	\$1,231.00	\$10.00		\$1,241.00	\$1,211.00	\$30.00
	Materials Testing (Sub-Consultant)	605	0	5	0	0	0	0	0	0	0	0	0	0	5	\$490.00	\$0.00		\$490.00	\$490.00	\$0.00
	Scheduling, materials acceptance forms, subconsultant management																				
[1]	Weekly Construction Meetings	606	0	5	0	20	0	0	8	5	0	0	0	0	38	\$4,011.00	\$20.00		\$4,031.00	\$2,815.00	\$1,216.00
	Time for weekly mass grading meetings in Fall 2020 and 8 weeks of construction meetings in 2021																				
[2]	Survey & Layout (Staking)	607	0	0	0	0	0	0	0	0	84	8	0	0	92	\$6,944.00	\$3,355.00		\$10,299.00	\$11,055.00	-\$756.00
	Storm sewer, utilities, roadway																				
	Project Close Out	608	0	2	0	0	0	12	6	12	0	4	0	0	36	\$3,440.00	\$20.00		\$3,460.00	\$3,102.00	\$358.00
	Punchlist, acceptance review, record drawings, reports, final payments																				
700	Construction Inspection (8 Weeks)		0	0	0	0	0	0	400	80	0	0	0	0	480	\$ 41,200.00	\$ 751.25	\$ 1,000.00	\$42,951.25	\$49,151.25	-\$6,200.00
[3]	Construction Inspection	701	0	0	0	0	0	0	400	80	0	0	0	0	480	\$41,200.00	\$751.25	\$1,000.00	\$42,951.25	\$49,151.25	-\$6,200.00
	8 weeks, 60 hours per week																				
800	Contract Admin & Project Management		24	8	0	2	0	0	0	0	0	0	0	0	34	\$ 3,994.00	\$ 5.00	\$ -	\$ 3,999.00	\$ 2,981.00	\$ 1,018.00
[4]	Contract Admin. & Proj. Mgmt.	801	24	8	0	2	0	0	0	0	0	0	0	0	34	\$3,994.00	\$5.00		\$3,999.00	\$2,981.00	\$1,018.00
	Additional contract administration for contract amendment drafting and project restart meeting in July 2020																				
900	Additional Services			63	5	52	136	41	0	0	0	10	11	4	320	\$42,936.25	\$22.30	\$2,078.75	\$45,037.30	\$0.00	\$45,037.30
[5]	Mungar Trail Reconstruction Design	901		-	-	-	-	-	-	-	-	-	-	-	0	\$3,000.00	\$0.00		\$3,000.00		\$3,000.00
	Develop designs to proposed roadway and Mungar Trail crossing to avoid 16" gas man																				
[5]	Park Concept 2 Update	902		-	-	-	-	-	-	-	-	-	-	-	0	\$5,000.00	\$0.00		\$5,000.00		\$5,000.00
	Update design plans based on a new concept developed by Parks Department/LHB provided at 60% plan review meeting																				
[5]	Complete Design Variance Memo	903		-	-	-	-	-	-	-	-	-	-	-	0	\$1,000.00	\$0.00		\$1,000.00		\$1,000.00
	State-Aid funding required this memo for substandard vertical profile geometry and raised cross-walk.																				
[5]	Watermain Extension Design	904		-	-	-	-	-	-	-	-	-	-	-	0	\$1,000.00	\$0.00		\$1,000.00		\$1,000.00
	Design changes to extend watermain beneath BNSF rail line to service proposed restroom facilities near parkloop road/kayak launch																				
[5]	Utility Redesign per Developer Changes	905		-	-	-	-	-	-	-	-	-	-	-	0	\$2,014.50	\$0.00		\$2,014.50		\$2,014.50
	Adjust watermain and sanitary sewer design per developer's changes, add sewer laterals, generate earthwork calculations for additional developer coordination																				
	Easement Exhibits	906		3	0	0	0	4	0	0	0	10	0	0	17	\$1,762.00	\$0.00		\$1,762.00		\$1,762.00
	Legal Descriptions, Easement Exhibits, and Easement Sketch drafting per project restart meeting on July 22, 2020																				
	MnDOT Access Permit	907		6	0	0	0	0	0	0	0	0	0	0	6	\$588.00	\$0.00		\$588.00		\$588.00
	Apply for Mndot Access Permit per project restart meeting on July 22, 2020																				
[6]	2020 Utility & Stormwater Redesign	909		0	0	36.5	55	19	0	0	0	3.75	1.25	116	\$11,329.75	\$3.90		\$11,333.65		\$11,333.65	
	Work to update plans, specifications, estimate, and redesign utilities and stormwater network with the elimination of the road south and east of the BNSF rail line per project restart meeting on July 22, 2020.																				
[6]	2020 Roadway Redesign	910		30.5	2.5		50.75	18	0	0	0	0	2	2.5	106	\$9,920.00	\$9.20	\$1,878.75	\$11,807.95		\$11,807.95
	Work to update plans, specifications and estimate with the elimination of the road south and east of the BNSF rail line per project restart meeting on July 22, 2020. Work also included multiple designs of parking lot.																				
	2020 Roadway Redesign - Turnaround Alt	912		5	0	0	0	0	0	0	0	0	0	0	5	\$490.00	\$0.00		\$490.00		\$490.00
	Work to draft exhibits and layout multiple alternatives for an emergency vehicle turnaround at the new end of the project.																				
	2020 95% City, State-Aid, Review Plans, Spec, Est.	913		18	2	15	30	0	0	0	0	5	0	70	\$6,832.00	\$9.20	\$200.00	\$7,041.20		\$7,041.20	
	Work to address City and State-Aid Comments on 95% plans																				
GRAND TOTAL				120	7	80	136	53	420	102	84	26	13	4	1077	\$192,925.25	\$5,196.24	\$6,378.75	\$204,500.24	\$163,424.93	\$41,075.32

Notes

- [1] Included additional time for Andrew Barnebey to attend mass grading weekly construction meetings per Brad Johnson's (Spirit Valley Land Company, SVLC) request
- [2] Reduced staking hours by 16 from original contract hours due to reduced project limits
- [3] Reduced inspection hours by 120 (2 60 hr weeks) from original contract hours due to reduced project limits
- [4] Included additional time for project restart meeting on July 22, 2020 and time to prepare contract amendment.
- [5] Work has been completed and paid for by City per invoice dated July 28, 2020
- [6] Invoice dated October 22, 2020 for this work has been sent to the City