LHB

2024 FEE ESTIMATE WORKSHEET

Project Name	**Bardons Peak & Skyline - Design Amendment**	**Project Number**	**230494**
Client	**City of Duluth**	**Date**	**April 16, 2024**
Preparer	**JWS**		

Project Breakdown Task Description	P1 Project Principal	P3 Profess. Eng.	P4 Profess. Eng.	P5 Profess. Eng.	P9 Profess. Eng.	P11 Profess. Eng.	P15 Profess. Eng.	T1 Senior Tech.	T4 Senior Tech.	T5 Lead Tech.	T6 Inter. Tech.	T9 Tech.	T12 Tech.	Total Labor Costs ($)
	$ 255	$ 210	$ 200	$ 185	$ 146	$ 125	$ 100	$ 140	$ 115	$ 110	$ 105	$ 90	$ 75	
Task 1 - Design Project Management- Add'l														$ -
Meetings with City Staff (Est. 4)				6	4	6								$ 2,444.00
City Meeting and Correspondence Documentation				4		8								$ 1,740.00
Internal Team Meetings				4	4	4				4				$ 2,264.00
Quality Control and Quality Assurance				8	8									$ 2,648.00
														$ -
Task 2 - Public, HPC etc. - Add'l														$ -
Coordination with Archaeologist etc.				16						8				$ 3,840.00
														$ -
Task 3 - Assess, Survey, ROW, Geotech - Add'l														$ -
Survey & Mapping											40	40		$ 7,800.00
														$ -
Task 4 - Site Investigation & Prelim Design - Add'l														$ -
Detailed Site Assessment					12	10				6				$ 3,662.00
Site Assessment Documentation					12					6				$ 2,412.00
Site Walk Through with City Team														$ -
Assemble Preliminary Rehabilitation Scope				4	24	10				24				$ 8,134.00
Preliminary Rehabilitation Cost Estimating				4	4	10								$ 2,574.00
Culvert Hydraulic Analysis (34 Culverts Total)						40								$ 5,000.00
														$ -
Task 5 - Env. Doc's, PM, 106 Historic - Add'l														$ -
Coord. with MnDOT CRU and MN SHPO, THPO					16									$ 2,336.00
Rehabilitation Scoping Report					8	8				24				$ 4,808.00
														$ -
Task 6 - Detailed Design (Plans, Spec., Est.) - Add'l														$ -
Statement of Estimated Quantities/ Notes				2	16					16				$ 4,466.00
Typical Sections- Details (2 Shts)				2	8					8				$ 2,418.00
General Plan & Work Scope (3 Shts)				2	8					8				$ 2,418.00
Erosion Control Plan (~~3 Shts~~) **26 Shts.**				8	24					40				$ 9,384.00
Roadway/Ditching/Culvert Details (~~2 Shts.~~) **33 Shts.**				8	36					40				$ 11,136.00
Cross Sections (~~8 Shts~~) **54 Sheets**				8	36					80				$ 15,536.00
														$ -
														$ -
														$ -
														$ -
Total Hours	-	-	-	76	220	96	-	-	-	264	40	40	-	

Travel Expenses	Qty	Rate	Cost	Other Direct Expenses	Cost		
Travel Exp (Airfare, Meals, Hotel, Rental Car, Gas, etc.)			-	Mail / Delivery		**Labor Cost**	$ 95,020.00
Mileage Inspector		0.67	-	Printing		**Travel Costs**	$ -
Mileage Engineer		0.67	-	Survey Equipment - Add'l (GPS & Roboic Total Station)	1,050.00	**Direct Costs**	$ 1,050.00
4WD Survey Truck (includes 124 miles in a day)		125.00	-				
		-	-				
		-	-				
		-	-				
Total Travel Costs			-	**Total Direct Costs**	1,050.00	**Total Estimated Cost**	$ 96,070.00