

 Project Name: Lead Water Service Replacement (London Road) Client: City of Duluth Preparer: LHB Project Number: 240533 Date: 7/31/2024														COST PROPOSAL		
Work Task	Description	Matt Settergren	Adam Besse	Bryan Bocht	Mitch Rosendahl	Bella Larson	Lucas Spaete	Phil Barden	Paul Vogel	Ethan Eckloff	Kevin Kane	Linda Nelson	TOTAL HOURS	TOTAL EXPENSES	TOTAL COST PER TASK	TOTAL COST PER DELIVERABLE
		Principal/Qual Mgr.	Project Manager	Inpec. Lead	Roadway Lead	Project Designer	GIS Specialist	GIS Specialist Sr. Technician	Survey Lead	Inspector / Surveyor	Inspector	Admin / Prop. Owner Lead				
1.00	INITIAL SITE VISITS & CONSULTATIONS	14	64	22	16	32	2	51	4	24	38	61	328	\$ 1,001	\$ 42,519.00	\$ 43,520.00
1.01	Project Kickoff / Coordination Meeting & Establish Design Criteria		1									1	2	\$ -	\$ 289.00	\$ 289.00
1.02	Meetings with City (Bi-weekly)	1	16									16	33	\$ -	\$ 4,834.00	\$ 4,834.00
1.03	MnDOT Coordination Meetings (Monthly)	2	8		8								18	\$ -	\$ 3,060.00	\$ 3,060.00
1.04	Coordination with Environmental Consultant		6										6	\$ -	\$ 1,140.00	\$ 1,140.00
1.05	Mailings & Door Hangers		1									4	5	\$ 250	\$ 586.00	\$ 836.00
1.06	Develop and Implement Quality Management Plan (QMP)	8	8	8	8	16		16		8		8	80	\$ -	\$ 10,568.00	\$ 10,568.00
1.07	Project Organization & Inspection Tracking Log Setup	1	8	8			2					16	35	\$ -	\$ 5,034.00	\$ 5,034.00
1.08	Gopher State One Call Ticket & Mapping		2					8	2	8			20		\$ 2,372.00	\$ 2,372.00
1.09	Gather Utility maps and Contracts		1					4					5	\$ -	\$ 678.00	\$ 678.00
1.10	Utility Information Meeting		1										1	\$ -	\$ 190.00	\$ 190.00
1.11	Mapping & Incorporation Into Design Plans (integrate MnDOT's mapping)							6					6	\$ -	\$ 732.00	\$ 732.00
1.12	Utility Design Meeting		1										1	\$ -	\$ 190.00	\$ 190.00
1.13	Update Gopher State One Call Utility Verification							1					1	\$ -	\$ 122.00	\$ 122.00
1.14	Final Review and Coordination with Design Plans		2					4					6	\$ -	\$ 868.00	\$ 868.00
1.15	MnDOT Utility Accommodation Permit Assistance and Documentation		2			4		12					18	\$ 1	\$ 2,216.00	\$ 2,217.00
1.16	Main Extension Field Survey & Mapping	1	2						2	8			13	\$ 250	\$ 1,606.00	\$ 1,856.00
1.17	Review Sewer Plat Maps to Document Possible Bedrock		1			12						4	17	\$ -	\$ 1,702.00	\$ 1,702.00
1.18	Home & Business Building Inspections (50 each) (Assumes .5 hrs./field inspection, 0.25 hrs./office and 0.25 hrs. Admin/service for coord./tracking)	1	4	6							38	12	61	\$ 500	\$ 6,332.00	\$ 6,832.00
2.00	PLANS & SPECIFICATIONS	19	65	20	78	75	8	270	0	0	0	8	543	\$ 46	\$ 72,807.00	\$ 72,853.00
2.01	Title Sheet (1 sheet)	1	2	1									4	\$ -	\$ 760.00	\$ 760.00
2.02	Site Index Maps (12 sheets)	1	2	1		4		4					12	\$ -	\$ 1,620.00	\$ 1,620.00
2.03	MnDOT Standard Plates	1	1		4			6					12	\$ -	\$ 1,692.00	\$ 1,692.00
2.04	Statement of Estimated Quantities and Notes (1 sheet)	1	4	4	4	8		6					27	\$ -	\$ 3,686.00	\$ 3,686.00
2.05	Quantity Tabulations (5 sheets)	1	4	4	8	16		32					65	\$ -	\$ 8,162.00	\$ 8,162.00
2.06	Inplace Utility Tabulation and Plan (12 Sheets)	1	4		4			32					41	\$ -	\$ 5,434.00	\$ 5,434.00
2.07	TH61 Street Sections (existing and Proposed) (4 Sheets)	1	2		4			12					19	\$ -	\$ 2,614.00	\$ 2,614.00
2.08	Construction Details (3 sheets)	1	2		4	2		8					17	\$ -	\$ 2,312.00	\$ 2,312.00
2.09	Standard Plan Sheets (7 Sheets)	1	1					4					6	\$ -	\$ 888.00	\$ 888.00
2.10	Erosion Control Plan & SWPPP (1 sheet)	1	1			1		2					5	\$ -	\$ 737.00	\$ 737.00
2.11	Hydrant Replacement Site Plan (Remvoals, Restoration, ADA) (3 Sheets)	1	4			8		24					37	\$ -	\$ 4,642.00	\$ 4,642.00
2.12	Lead Service Replacement Site Plans (Assumes 50 Sheets)	1	10	8		20	8	28					75	\$ -	\$ 10,186.00	\$ 10,186.00
2.13	Main Extension Plan & Profile Sheets (15 Sheets)	1	8			16		24					49	\$ -	\$ 6,146.00	\$ 6,146.00
2.14	Traffic Control Plan		4					4					4	\$ 1	\$ 760.00	\$ 761.00
	Title sheet & Pay item tabulation (1 sheet)		1		3			6					10	\$ 1	\$ 1,342.00	\$ 1,343.00
	Temporary Sign Tabulation (1 sheet)				6			6					12	\$ 2	\$ 1,572.00	\$ 1,574.00
	Standard Plans & Details (5 sheets)		1		5			10					16	\$ 3	\$ 2,110.00	\$ 2,113.00
	Traffic Control Standard Layouts (6 sheets)	1	2		12			24					39	\$ 4	\$ 5,198.00	\$ 5,202.00
2.15	Permanent Pavement Markings & Signing Plan		4					4					4	\$ 5	\$ 760.00	\$ 765.00
	Title Sheet & Pavement Marking Tab (1 sheet)	1	1		4			16					22	\$ 6	\$ 2,912.00	\$ 2,918.00
	Signing Tabulation (1 sheet)		1		6			8					15	\$ 7	\$ 2,006.00	\$ 2,013.00
	Signing Details (4 sheets)		1		6			8					15	\$ 8	\$ 2,006.00	\$ 2,014.00
	Pavement Marking Details (3 sheets)		1		4			10					15	\$ 9	\$ 1,970.00	\$ 1,979.00
2.16	Special Provisions	4	4	2	4							8	22	\$ -	\$ 3,292.00	\$ 3,292.00
4.00	COST ESTIMATE	1	6	0	11	14	0	0	0	0	0	3	35	\$ -	\$ 4,489.00	\$ 4,489.00
4.01	30% Engineer's Estimate		1		1	2							4	\$ -	\$ 516.00	\$ 516.00
4.02	60% Engineer's Estimate		1		2	4						1	8	\$ -	\$ 941.00	\$ 941.00
4.03	90% Engineer's Estimate	1	2		4	4						1	12	\$ -	\$ 1,621.00	\$ 1,621.00
4.04	100% Engineer's Estimate		2		4	4						1	11	\$ -	\$ 1,411.00	\$ 1,411.00
5.00	PROJECT BIDDING	2	16	0	0	8	0	8	0	0	0	8	42	\$ -	\$ 5,972.00	\$ 5,972.00
5.01	Bidding Assistance	2	16			8		8				8	42	\$ -	\$ 5,972.00	\$ 5,972.00
TOTAL HOURS		36	151	42	105	129	10	329	4	24	38	80	948	SUMMARY		
COST PER HOUR		\$ 210	\$ 190	\$ 170	\$ 140	\$ 93	\$ 180	\$ 122	\$ 180	\$ 82	\$ 83	\$ 99		TOTAL LABOR \$ 125,787		
TOTAL COST		\$ 7,560	\$ 28,690	\$ 7,140	\$ 14,700	\$ 11,997	\$ 1,800	\$ 40,138	\$ 720	\$ 1,968	\$ 3,154	\$ 7,920		TOTAL EXPENSES \$ 1,047.00		
														TOTAL FEE* \$ 126,834		