

## ENGINEER'S PRELIMINARY COST ESTIMATE

Tuesday, May 13, 2025

## LS 10 Replacement-Deeper Station With Inceptor Project

Village of Kronenwetter &amp; Denyon Homes Glacier Meadows Sewer Serviceability



	#	Item	Item Quantity	Units	Unit Cost	Total Cost
Project Development Costs	a	Comprehensive Mapping & Surveying	----	---	----	\$15,000
	b	Planning, Coordination, Engineering & Administration	----	---	----	\$50,000
	c	Legal Services	----	---	----	\$10,000
	d	Title Services	----	---	----	----
	e	Land Acquisition (Prof. Fees & Land Rights) Estimate	----	---	----	\$10,000
	<b>T1</b>	<b>Subtotal Project Development Costs</b>				<b>\$85,000</b>
Road Costs	1	Erosion Control Items & Maintenance During Construction	1	LS	\$20,000.00	\$20,000
	2	Lift Station Connection, Temporary Routing, Safety Plan	1	LS	\$15,000.00	\$15,000
	3	New Wet Well, Above-Ground Valve Vault, Enclosure, Transducer, Floats, Piping, Hatch, Guide Rails, Pumps, Quick Connect	1	EA	\$265,000.00	\$265,000
	4	Lift Station Controls Package	1	Ea	\$50,000.00	\$50,000
	5	Excavation-Dewatering-Install Wetwet, Waterproof	1	Ea	\$100,000.00	\$100,000
	6	Generator & ATS 25 Kw	1	EA	\$60,000.00	\$60,000
	7	Electrician	1	LS	\$40,000.00	\$40,000
	8	10" SDR-35 with Dewatering, Bedding, >12' Depth	5,000	LF	\$150.00	\$750,000
	9	Granular Fill Pavement and Crossing Areas	6,667	CY	\$10.00	\$66,700
	10	MH 48" Dia.	13	EA	\$5,000.00	\$65,000
	11	Pavement Removal	2,482	SY	\$3.00	\$7,500
	12	Topsoil removal	5,913	CY	\$8.00	\$47,300
	13	Topsoil, Seed & fert.	7,975	SY	\$5.00	\$39,900
	14	Pavement markings	1	LS	\$3,000.00	\$3,000
	15	3/4" gravel base for pavement MYSTIC & CROSSINGS	1444	CY	\$45.00	\$65,000
	16	HMA Asphalt Pavement 4" Road Pavement MYSTIC & CROSSI	1,039	Tn	\$95.00	\$98,800
	17	3/4" Crushed Aggregate for Road Shoulder, 2' wide x 6" thick	74	CY	\$80.00	\$6,000
	18	E-Mat all Disturbed areas,	7,975	SY	\$3.00	\$24,000
	19	Traffic Control	1	LS	\$ 2,000.00	\$2,000
	20	Tree removal	1	LS	\$ 10,000.00	\$10,000
	<b>T2</b>	<b>SubTotal Road Construction &amp; Utility Costs</b>				<b>\$1,821,000</b>
Percentage Allocations On Construction Subtotal	A1	Performance & Payment bonds	2	%	----	\$36,500
	A2	Mobilization/Demobilization	2	%	----	\$36,500
	A3	Funding Requirements	0.0	%	----	\$0
	A4	Construction Contingencies	10	%	----	\$182,100
	A5	Geotechnical	1	%	----	\$18,300
	A6	Construction Engineering, Permitting, Coordination, Construction	3	%	----	\$54,700
	A7	Surveying (Staking) & Legal	2	%	----	\$36,500
	<b>T3</b>	<b>Subtotal on Construction Allocations</b>				<b>\$364,600</b>
	<b>T4</b>	<b>TOTAL PROJECT SUBTOTAL</b>				<b>\$2,271,000</b>