

ENGINEER'S PRELIMINARY COST ESTIMATE

Tuesday, May 13, 2025

New LS #12-Deeper Station & Forcemain-Glacier Meadows Site

Village of Kronenwetter & Denyon Homes Glacier Meadows Sewer Serviceability



	#	Item	Item Quantity	Units	Unit Cost	Total Cost
<b>Project Development Costs</b>	a	Comprehensive Mapping & Surveying	----	---	----	\$0
	b	Planning, Coordination, Engineering & Administration	----	---	----	\$20,000
	c	Legal Services	----	---	----	----
	d	Title Services	----	---	----	----
	e	Land Acquisition (Prof. Fees & Land Rights) Estimate	----	---	----	----
	<b>T1</b>	<b>Subtotal Project Development Costs</b>				<b>\$20,000</b>
<b>Road Costs</b>	1	Erosion Control Items & Maintenance During Construction	1	LS	\$20,000.00	\$20,000
	2	New Wet Well, Above Ground Valve Vault, Enclosure, Transducer, Floats, Piping, Hatch, Guide Rails, Pumps, Quick Connect	1	EA	\$265,000.00	\$265,000
	3	Lift Station Complete, Controls, wiring-Complete	1	Ea	\$40,000.00	\$40,000
	4	Excavation-Dewatering-Install Wetwet, Waterproof	1	Ea	\$100,000.00	\$100,000
	5	Generator - 30 Kw & ATS	1	EA	\$60,000.00	\$60,000
	6	Electrical & Gas approx. Utility Costs	1	LS	\$50,000.00	\$50,000
	7	Electrician	1	LS	\$40,000.00	\$40,000
	8	4" Force Main	1,320	LF	\$50.00	\$66,000
	9	Granular fill-Force Main	1,956	CY	\$10.00	\$19,600
	10	Pavement Removal	267	SY	\$7.00	\$1,900
	11	Topsoil removal	1,413	CY	\$8.00	\$11,301
	12	Topsoil, Seed & fert.	1,598	SY	\$5.00	\$8,000
	13	3/4" gravel base for pavement	111	CY	\$45.00	\$5,000
	14	HMA Asphalt Pavement 4" Road Pavement	67	Tn	\$95.00	\$6,400
	15	3/4" Crushed Aggregate for Road Shoulder, 2' wide x 6" thick	7	CY	\$50.00	\$400
	16	E-Mat all Disturbed areas,	1,598	SY	\$3.00	\$4,800
	17	Traffic Control	1	LS	\$ 2,000.00	\$2,000
	18	Tree removal	1	LS	\$ 2,000.00	\$2,000
	<b>T2</b>	<b>SubTotal Road Construction &amp; Utility Costs</b>				<b>\$723,000</b>
<b>Percentage Allocations On Construction Subtotal</b>	A1	Performance & Payment bonds	2	%	----	\$14,500
	A2	Mobilization/Demobilization	2	%	----	\$14,500
	A3	Funding Requirements (Allocations, Agreements)	3.0	%	----	\$21,700
	A4	Construction Contingencies	10	%	----	\$72,300
	A5	Geotechnical	0	%	----	\$0
	A6	Construction Engineering, Permitting, Coordination, Construction	4	%	----	\$29,000
	A7	Surveying (Staking) & Legal	0	%	----	\$0
	<b>T3</b>	<b>Subtotal on Construction Allocations</b>				<b>\$152,000</b>
	<b>T4</b>	<b>TOTAL PROJECT SUBTOTAL</b>				<b>\$895,000</b>