

ENGINEER'S CONCEPTUAL COST ESTIMATE

Friday, May 2, 2025

Village of Kronenwetter - LS 10 INTERCEPTOR



	#	Item	Item Quantity	Units	Unit Cost	Total Cost
Project Development Costs	a	Comprehensive Mapping & Surveying	----	---	----	\$15,000
	b	Planning, Coordination, Engineering & Administration	----	---	----	\$30,000
	c	Legal Services	----	---	----	----
	d	Title Services	----	---	----	----
	e	Land Acquisition (Prof. Fees & Land Rights) Estimate	----	---	----	----
	T1	Subtotal Project Development Costs				\$45,000
Road Costs	1	Erosion Control Items & Maintenance During Construction	1	LS	\$10,000.00	\$10,000
	2	Lift Station Connection	1	LS	\$2,500.00	\$2,500
	3	5 HP pumps	2	EA	\$8,000.00	\$17,800
	4	Lift Station Control Upgrades-cable,guide rails, floats	2	Ea	\$40,000.00	\$80,000
	5	Generator & ATS 25 kw	1	EA	\$60,000.00	\$60,000
	6	Electrical work	1	LS	\$50,000.00	\$50,000
	7	10" SDR-35 with Dewatering,Bedding (15' Depth) Backfill	550	LF	\$120.00	\$66,000
	8	8" SDR-35 with Dewatering, Bedding (10'-12' Depth), Backfill	3,033	LF	\$100.00	\$303,300
	9	8" SDR-35 with Dewatering, Bedding (8'-10' Depth), Backfill	377	LF	\$90.00	\$33,930
	10	MH 48" Dia.	13	EA	\$4,000.00	\$52,000
	11	Pavement Removal	3,889	SY	\$3.00	\$11,700
	12	Topsoil removal	413	CY	\$8.00	\$3,300
	13	Topsoil, Seed & fert.	2,475	SY	\$5.00	\$12,400
	14	Pavement markings	1	LS	\$5,000.00	\$5,000
	15	3/4" gravel base for pavement	1913	CY	\$40.00	\$76,600
	16	HMA Asphalt Pavement 4" Road Pavement	1,377	Tn	\$90.00	\$124,000
	17	3/4" Crushed Aggregate for Road Shoulder, 2' wide x 6" thick	195	CY	\$50.00	\$9,800
	18	E-Mat all Disturbed areas,	2,475	SY	\$3.00	\$7,500
	19	Traffic & Mailbox Control	1	LS	\$ 2,000.00	\$2,000
	20	Adjusting Exist mh & valves	1	LS	\$ 4,000.00	\$4,000
	T2	SubTotal Road Construction & Utility Costs				\$977,000
Percentage Allocations On Construction Subtotal	A1	Performance & Payment bonds	2	%	----	\$19,600
	A2	Mobilization/Demobilization	2	%	----	\$19,600
	A3	Funding Requirements	0.0	%	----	\$0
	A4	Construction Contingencies	10	%	----	\$97,700
	A5	Geotechnical	1	%	----	\$9,800
	A6	Construction Engineering, Permitting, Coordination, Construction	3	%	----	\$29,400
	A7	Surveying (Staking) & Legal	2	%	----	\$19,600
	T3	Subtotal on Construction Allocations				\$195,700
	T4	TOTAL PROJECT SUBTOTAL				\$1,218,000