

# OELWEIN NE SANITARY SEWER IMPROVEMENTS

## ENGINEER'S OPINION OF PROBABLE PROJECT COST

SITE A & SITE B

OELWEIN, IOWA

4/6/2023

ITEM NO.	BID ITEM	UNIT	QUANTITY	ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS	
				UNIT PRICE	TOTAL PRICE
<b>DIVISION 1 - GENERAL PROVISIONS &amp; COVENANTS</b>					
<b>DIVISION 2 - EARTHWORK</b>					
2.01	TOPSOIL STRIP, STOCKPILE, & REPREAD	LS	1	\$ 10,000.00	\$ 10,000.00
2.02	EXCAVATION FOR ROADWAY	CY	1,231	\$ 15.00	\$ 18,468.75
2.03	GRANULAR SUBBASE, FURNISH	SY	6,361	\$ 9.00	\$ 57,247.87
2.04	SUBGRADE PREPARATION, 12-INCH	SY	6,361	\$ 3.00	\$ 19,082.62
2.05	SUBGRADE TREATMENT, GEOGRID (TYPE 1)	SY	6,361	\$ 3.00	\$ 19,082.62
2.06	REMOVAL OF STRUCTURE, SANITARY MANHOLE	EA	11	\$ 1,500.00	\$ 16,500.00
	<i>Division Subtotal</i>				\$ 140,381.87
<b>DIVISION 3 - TRENCH EXCAVATION &amp; BACKFILL</b>					
3.01	TRENCH FOUNDATION	TON	300	\$ 40.00	\$ 12,000.00
3.02	REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL	CY	100	\$ 20.00	\$ 2,000.00
3.03	TRENCH COMPACTION TESTING	LS	1	\$ 7,500.00	\$ 7,500.00
	<i>Division Subtotal</i>				\$ 21,500.00
<b>DIVISION 4 - SEWERS &amp; DRAINS</b>					
4.01	SANITARY SEWER GRAVITY MAIN, TRENCHED, 8-INCH	LF	25.00	\$ 85.00	\$ 2,125.00
4.03	SANITARY SEWER GRAVITY MAIN, TRENCHED, 12-INCH	LF	1730.00	\$ 110.00	\$ 190,300.00
4.04	SANITARY SEWER GRAVITY MAIN, TRENCHED, 15-INCH	LF	251.00	\$ 135.00	\$ 33,885.00
4.05	SANITARY SEWER SERVICE, PVC WYE & CONNECTION TO EXISTING	EA	26.00	\$ 1,500.00	\$ 39,000.00
4.06	CONNECT PROPOSED SANITARY PIPE TO EXISTING PIPE	EA	10.00	\$ 1,500.00	\$ 15,000.00
4.07	SANITARY SEWER SERVICE, PVC	LF	459.00	\$ 90.00	\$ 41,310.00
4.08	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, 15-INCH	LF	100.00	\$ 1,000.00	\$ 100,000.00
4.09	BYPASS PUMPING	LS	1.00	\$ 70,000.00	\$ 70,000.00
4.10	SANITARY SEWER CIPP, 10-INCH O.D.	LF	371.00	\$ 60.00	\$ 22,260.00
	<i>Division Subtotal</i>				\$ 513,880.00
<b>DIVISION 5 - WATER MAINS &amp; APPURTENANCES (NOT USED)</b>					
<b>DIVISION 6 - STRUCTURES FOR SANITARY &amp; STORM SEWERS</b>					
6.01	MANHOLE, SANITARY SEWER, SW-301, 48-INCH	EA	10	\$ 8,500.00	\$ 85,000.00
6.02	CONNECT TO EXISTING STRUCTURE	EA	2	\$ 2,500.00	\$ 5,000.00
	<i>Division Subtotal</i>				\$ 90,000.00
<b>DIVISION 7 - STREETS &amp; RELATED WORK</b>					
7.01	REMOVAL OF SIDEWALK	SY	21	\$ 6.00	\$ 126.00
7.02	REMOVAL OF DRIVEWAY, PCC	SY	38	\$ 10.00	\$ 380.00
7.03	REMOVAL OF CURB & GUTTER	LF	70	\$ 20.00	\$ 1,400.00
7.04	REMOVAL OF PAVEMENT	SY	5,641	\$ 10.00	\$ 56,410.00
7.05	SIDEWALK, PCC, 4-INCH	SY	8	\$ 60.00	\$ 480.00
7.06	SIDEWALK RAMP, PCC, 6-INCH	SY	33	\$ 80.00	\$ 2,640.00
7.07	DETECTABLE WARNINGS	SF	40	\$ 60.00	\$ 2,400.00
7.08	DRIVEWAY, PAVED, PCC, 6-INCH	SY	55	\$ 75.00	\$ 4,125.00
7.09	DRIVEWAY, GRANULAR	SY	80	\$ 30.00	\$ 2,400.00
7.10	PCC CURB AND GUTTER	SY	70	\$ 50.00	\$ 3,500.00
7.11	PAVEMENT, HMA, 6-INCH	SY	5,141	\$ 45.00	\$ 231,339.72
7.12	PAVEMENT, PCC, 7-INCH	SY	758	\$ 85.00	\$ 64,430.00
	<i>Division Subtotal</i>				\$ 369,630.72
<b>DIVISION 8 - TRAFFIC CONTROL</b>					
8.01	TEMPORARY TRAFFIC CONTROL	LS	1	\$ 25,000.00	\$ 25,000.00
	<i>Division Subtotal</i>				\$ 25,000.00
<b>DIVISION 9 - SITE WORK &amp; LANDSCAPING</b>					
9.01	HYDRAULIC SEEDING, FERTILIZING, AND MULCHING - TYPE 1	LS	1	\$ 6,500.00	\$ 6,500.00
9.02	EROSION CONTROL MULCHING, HYDROMULCHING	LS	1	\$ 2,000.00	\$ 2,000.00
9.03	FILTER SOCK, 8-INCH	LF	500	\$ 4.00	\$ 2,000.00
9.04	FILTER SOCKS, REMOVAL	LF	500	\$ 1.00	\$ 500.00
	<i>Division Subtotal</i>				\$ 11,000.00
<b>DIVISION 10 - DEMOLITION (NOT USED)</b>					
<b>DIVISION 11 - MISCELLANEOUS</b>					
11.01	MOBILIZATION	LS	1	\$ 75,000.00	\$ 75,000.00
11.02	MAINTENANCE OF POSTAL SERVICE	LS	1	\$ 2,000.00	\$ 2,000.00
11.03	MAINTENANCE OF SOLID WASTE COLLECTION	LS	1	\$ 2,000.00	\$ 2,000.00
11.04	STREAM CROSSING	LS	1	\$ 30,000.00	\$ 30,000.00
	<i>Division Subtotal</i>				\$ 109,000.00
				CONSTRUCTION SUBTOTAL	\$ 1,280,392.59
				CONSTRUCTION CONTINGENCY (3%)	\$ 38,000.00
				PREL DESIGN, FINAL DESIGN, & BIDDING	\$ 130,000.00
				ADMIN, STAKING & OBSERVATION	\$ 215,000.00
				CDBG ADMIN (UPPER EXPLORERLAND)	\$ 26,000.00
				LEGAL & BONDING FEES	\$ 15,000.00
				<b>TOTAL PROJECT COSTS</b>	<b>\$ 1,704,392.59</b>