

Mouse River Enhanced Flood Protection (MREFP) Phase MI-4B
Engineer's Opinion of Probable Construction Cost (OPC)
100% Preliminary Cost



Bid Item	M&P Item No.	Tech Spec Section	Item Description	Unit	Estimated Quantity	Unit Price	Amount
1			Mobilization / Demobilization	LS	1	\$ 24,372.00	\$ 24,372.00
2			Temporary Traffic Control	LS	1	\$ 5,000.00	\$ 5,000.00
3			Fiber Roll (All Types)	LF	300	\$ 3.75	\$ 1,125.00
4			Erosion Control Blanket	SY	550	\$ 5.00	\$ 2,750.00
5			Remove Bituminous Pavement (All Thicknesses)	SY	180	\$ 15.00	\$ 2,700.00
6			Remove, Salvage, and Reinstall Chain-Link Fence (All Sizes)	LF	215	\$ 40.00	\$ 8,600.00
7			Remove Pipe (Watermain, All Sizes)	LF	105	\$ 50.00	\$ 5,250.00
8			Bulkhead Existing Pipe (Watermain, All Sizes)	EA	3	\$ 2,500.00	\$ 7,500.00
9			Water Main Pipe (8" PVC C-900 DR 18)	LF	40	\$ 180.00	\$ 7,200.00
10			Water Main Pipe (12" PVC C-900 DR 18)	LF	52	\$ 200.00	\$ 10,400.00
11			Water Main Pipe (16" PVC C-900 DR 18)	LF	30	\$ 200.00	\$ 6,000.00
12			HDD Water Main Pipe (14" PE4710 DIPS DR 11 HDPE)	LF	287	\$ 300.00	\$ 86,100.00
13			HDD Water Main Pipe (12" RJ PVC C-900 DR 18)	LF	246	\$ 200.00	\$ 49,200.00
14			Valve and Box (12" Gate)	EA	2	\$ 8,000.00	\$ 16,000.00
15			Valve and Box (8" Gate)	EA	1	\$ 5,000.00	\$ 5,000.00
16			Connect to Existing Water Main (Cast Iron, All Sizes)	EA	2	\$ 5,500.00	\$ 11,000.00
17			Hot Mix Bituminous Pavement Superpave FAA 43	SY	180	\$ 105.00	\$ 18,900.00
18			Class 13 Road Gravel (6" Compacted Thickness)	SY	320	\$ 40.00	\$ 12,800.00
19			Seeding and Hydromulching	AC	0.35	\$ 7,500.00	\$ 2,625.00
20			Remove and Replace Deciduous Shrubs (No. 5 Container Deciduous)	EA	20	\$ 100.00	\$ 2,000.00
21			Import Approved Levee Material	CY	400	\$ 25.00	\$ 10,000.00
22			Well 8 Pump House Concrete Floor Removal and Replacement	SF	40	\$ 100.00	\$ 4,000.00
23			Well 8 Pump House Interior Water Main Excavation and Backfilling with CLSM	LS	1	\$ 20,000.00	\$ 20,000.00
24			Well 8 Pump House Floor Drain Removal and Replacement	LS	1	\$ 1,000.00	\$ 1,000.00
25			Well 8 Pump House Connect to Existing Interior Mechanical Piping	LS	1	\$ 3,500.00	\$ 3,500.00
26			Well 8 Pump House Concrete Floor Coating	LS	1	\$ 6,000.00	\$ 6,000.00
Subtotal Phase MI-4B Construction Cost							\$ 329,022.00
5% Contingency							\$ 16,451.10
Subtotal Phase MI-4B Opinion of Cost							\$ 345,473.10