

Mouse River Enhanced Flood Protection (MREFP) Phase MI-5A
Engineer's Opinion of Probable Construction Cost (OPC)
Preliminary Issued for Bid Cost
26-Jul-21



Specification Division	Bid Item	See Specification Section 01 22 00 M&P Item	Tech Spec Section	Item Description	Unit	Estimated Quantity	Unit Price	Amount
Div 1	1	1	01 71 13	Mobilization / Demobilization	LS	1	\$ 800,000.00	\$ 800,000.00
Div 2	2	2	02 41 00	Pre-Condition Roadway Assessment	LS	1	\$ 20,000.00	\$ 20,000.00
Div 2	3	3	02 41 00	Post-Condition Roadway Assessment	LS	1	\$ 20,000.00	\$ 20,000.00
Div 1	4	4	01 32 36	Video Monitoring and Documentation	LS	1	\$ 20,000.00	\$ 20,000.00
Div 1	5	5	01 51 36	Control of Water and Dewatering	LS	1	\$ 500,000.00	\$ 500,000.00
Div 1	6	6	01 55 26	Temporary Traffic Control	LS	1	\$ 25,000.00	\$ 25,000.00
Div 1	7	7	01 75 00	Pump Station Testing	LS	1	\$ 100,000.00	\$ 100,000.00
Div 1	8	8	01 51 39	Rock Construction Entrance	EA	2	\$ 4,000.00	\$ 8,000.00
Div 1	9	9	01 41 26.13	Silt Fence (All Types)	LF	1,154	\$ 3.00	\$ 3,462.00
Div 1	10	10	01 41 26.13	Inlet Protection (All Types)	EA	4	\$ 400.00	\$ 1,600.00
Div 1	11	11	01 41 26.13	Fiber Rolls (All Types)	LF	194	\$ 3.00	\$ 582.00
Div 1	12	12	01 41 26.13	Temporary Seeding	AC	8	\$ 250.00	\$ 2,000.00
Div 1	13	13	01 41 26.13	Temporary Mulching (All Types)	AC	8	\$ 400.00	\$ 3,200.00
Div 1	14	14	01 41 26.13	Dust Control	LS	1	\$ 20,000.00	\$ 20,000.00
Div 2	15	15	02 41 00	Remove Concrete Pavement	SY	1,866	\$ 8.00	\$ 14,928.00
Div 2	16	16	02 41 00	Remove Bituminous Pavement	SY	7,362	\$ 4.50	\$ 33,129.00
Div 2	17	17	02 41 00	Remove Curb and Gutter (All Types)	LF	130	\$ 4.00	\$ 520.00
Div 2	18	18	02 41 00	Remove Gravel Surfacing	SY	15,221	\$ 3.50	\$ 53,273.50
Div 2	19	19	02 41 00	Remove Fence (All Types, All Sizes)	LF	1,166	\$ 3.50	\$ 4,081.00
Div 2	20	20	02 41 00	Remove Structure (1301 Railway Ave NE Foundation)	LS	1	\$ 5,000.00	\$ 5,000.00
Div 2	21	20	02 41 00	Remove Structure (1405 Railway Ave NE Foundation)	LS	1	\$ 30,000.00	\$ 30,000.00
Div 2	22	20	02 41 00	Remove Structure (1455 Railway Ave NE Foundation)	LS	1	\$ 5,000.00	\$ 5,000.00
Div 2	23	20	02 41 00	Remove Structure (1425 Railway Ave NE)	LS	1	\$ 30,000.00	\$ 30,000.00
Div 2	24	20	02 41 00	Remove Structure (1459 Railway Ave NE Storage Building)	LS	1	\$ 10,000.00	\$ 10,000.00
Div 2	25	20	02 41 00	Remove Structure (1459 Railway Ave NE Foundation)	LS	1	\$ 5,000.00	\$ 5,000.00
Div 2	26	21	02 41 00	Removal of Contaminated Soil	TON	100	\$ 50.00	\$ 5,000.00
Div 2	27	22	02 41 00	Well Sealing	EA	3	\$ 15,000.00	\$ 45,000.00
Div 2	28	23	02 41 00	Sanitary System Removal	EA	3	\$ 25,000.00	\$ 75,000.00
Div 3	29	24	03 30 00.00 10	Reinforced Concrete (13th St NE Pump Station)	CY	1,144	\$ 1,400.00	\$ 1,601,600.00
Div 3	30	25	03 30 00.00 10	Unreinforced Concrete Mud Mat	CY	74	\$ 700.00	\$ 51,800.00
Div 3	31	26	03 24 00	Non-shrink Grout	CY	8	\$ 600.00	\$ 4,800.00
Div 5	32	27	05 12 00	Aluminum Catwalk System (13th St NE Pump Station)	LS	1	\$ 20,000.00	\$ 20,000.00
Div 5	33	28	05 12 00	Trash Rack (13th St NE Pump Station)	EA	2	\$ 75,000.00	\$ 150,000.00
Div 5	34	29	05 50 13	Hinged Aluminum Access Panel	SF	40	\$ 180.00	\$ 7,200.00
Div 5	35	30	05 50 13	Access Hatch (36"x36")	EA	3	\$ 2,000.00	\$ 6,000.00
Div 5	36	30	05 50 13	Access Hatch (72" x 96" & 120" x 30")	EA	3	\$ 7,500.00	\$ 22,500.00
Div 5	37	31	05 51 33	Aluminum Ladder	LF	60	\$ 200.00	\$ 12,000.00
Multiple	38	32	Multiple	13th St NE Pump Station Building Structural, Mechanical, HVAC, Electrical & Architectural	LS	1	\$ 2,736,958.00	\$ 2,736,958.00
Multiple	39	33	Multiple	Broadway Pump Station Fan Installation	LS	1	\$ 10,000.00	\$ 10,000.00
Multiple	40	34	Multiple	13th Street NE Pump Station - Pumping Equipment and Discharge Piping	LS	1	\$ 1,579,385.00	\$ 1,579,385.00
Div 5	41	35	05 50 13	Stainless Steel Slide Gate (96"x96" - Thimble Mounted)	EA	1	\$ 80,000.00	\$ 80,000.00
Div 43	42	36	43 52 00	Jib Crane (13th St NE Pump Station)	EA	2	\$ 9,000.00	\$ 18,000.00
Div 31	43	37	31 11 00	Remove Tree	EA	3	\$ 1,000.00	\$ 3,000.00
Div 31	44	38	31 10 00	Strip and Stockpile Topsoil	CY	871	\$ 8.00	\$ 6,968.00
Div 31	45	39	31 20 00	Install Salvaged Topsoil	CY	871	\$ 10.00	\$ 8,710.00
Div 31	46	40	31 20 00	Import and Install Topsoil	CY	3,171	\$ 27.00	\$ 85,617.00
Div 31	47	41	31 20 00	Import and Install Levee Fill	CY	948	\$ 20.00	\$ 18,960.00
Div 31	48	42	31 20 00	Structural Site Preparation (13th St NE Pump Station)	LS	1	\$ 100,000.00	\$ 100,000.00
Div 31	49	43	31 20 00	Structural Site Backfill (13th St NE Pump Station)	LS	1	\$ 75,000.00	\$ 75,000.00
Div 31	50	43	31 32 19.23	Geotextile Fabric (Type R1)	SY	1,110	\$ 3.00	\$ 3,330.00
Div 32	51	44	32 11 23	Subgrade Preparation	SY	1,110	\$ 2.00	\$ 2,220.00
Div 32	52	45	32 11 23	Aggregate Base Course (CL 5)	TON	494	\$ 20.00	\$ 9,880.00
Div 32	53	46	32 12 17	Hot Bituminous Pavement Superpave FAA 43	TON	44	\$ 50.00	\$ 2,200.00
Div 32	54	47	32 12 17	PG 58S-28 Asphalt Cement	TON	3	\$ 600.00	\$ 1,800.00
Div 32	55	48	32 16 13	Concrete Curb and Gutter (Type 1)	LF	145	\$ 25.00	\$ 3,625.00
Div 32	56	49	32 31 19	Decorative Metal Fence (6 ft)	LF	84	\$ 300.00	\$ 25,200.00
Div 32	57	50	32 31 19	Decorative Metal Gate (Height, Width)	EA	1	\$ 5,000.00	\$ 5,000.00
Div 31	58	51	31 20 00	Improved Trench Foundation	CY	10	\$ 50.00	\$ 500.00
Div 33	59	52	33 11 13	Water Service (2" Type "K")	LF	5	\$ 100.00	\$ 500.00
Div 33	60	53	33 41 13	Storm Drain (4" PVC)	LF	7	\$ 25.00	\$ 175.00
Div 33	61	53	33 41 13	Storm Drain (6" PVC)	LF	7	\$ 30.00	\$ 210.00
Div 33	62	53	33 41 13	Storm Drain (24" RCP)	LF	14	\$ 75.00	\$ 1,050.00
Div 33	63	53	33 41 13	Storm Drain (36" RCP)	LF	12	\$ 185.00	\$ 2,220.00
Div 33	64	53	33 41 13	Storm Drain (72" RCP)	LF	14	\$ 425.00	\$ 5,950.00
Div 33	65	54	33 41 13	RC Box Culvert (8"Wx8'H)	LF	40	\$ 1,150.00	\$ 46,000.00
Div 33	66	55	33 41 13	Storm Manhole (120")	EA	1	\$ 32,000.00	\$ 32,000.00
Div 33	67	55	33 41 13	Storm Manhole (12"x10')	EA	1	\$ 45,000.00	\$ 45,000.00
							Subtotal Phase MI-5 Construction Cost	\$ 8,625,133.50
							5% Contingency	\$ 431,256.68
							Subtotal Phase MI-5 Opinion of Cost	\$ 9,056,390.18