

F-M Metro Flood Risk Management Project
Red River Levees - Phase 1
2nd Street/ Downtown Reach
Fargo-Moorhead Flood Diversion Authority
28-Jun-13

ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
Demolition				
Pavement Removal	74,000	SY	\$ 6.00	\$ 444,000.00
Remove Curb and Gutter	11,450	LF	\$ 6.00	\$ 68,700.00
Remove Storm Sewer Structure	42	EA	\$ 1,500.00	\$ 63,000.00
Remove Storm Sewer Pipe	4,212	LF	\$ 13.50	\$ 56,862.00
Remove Sanitary Sewer Structure	11	EA	\$ 2,500.00	\$ 27,500.00
Remove Sanitary Sewer Pipe	3,166	LF	\$ 15.00	\$ 47,490.00
Remove Water Pipe	2,650	LF	\$ 11.00	\$ 29,150.00
Remove Existing Retaining Wall (North of 4th Ave N)	1	EA	\$ 10,000.00	\$ 10,000.00
Clearing and Grubbing	1	LS	\$ 15,000.00	\$ 15,000.00
Fargo Public Schools Demolition	1	LS	\$ 250,000.00	\$ 250,000.00
Fargo Public Schools HTRW	1	LS	\$ 61,692.00	\$ 61,692.00
Howard Johnson Demolition	1	LS	\$ 100,000.00	\$ 100,000.00
Howard Johnson HTRW	1	LS	\$ 69,698.00	\$ 69,698.00
City Hall Parking Lot HTRW	1	LS	\$ 70,000.00	\$ 70,000.00
Park East Apartments Demolition	1	LS	\$ 250,000.00	\$ 250,000.00
Park East Apartments HTRW	1	LS	\$ 64,318.00	\$ 64,318.00
Feder Realty Demolition	1	LS	\$ 100,000.00	\$ 100,000.00
Feder Realty HTRW	1	LS	\$ 13,577.00	\$ 13,577.00
Earthwork				
Site Grading	1	LS	\$ 30,000.00	\$ 30,000.00
Inspection Trench (Park East Levee)	6,520	CY	\$ 2.50	\$ 16,300.00
Topsoil - Strip (24") (Park East Levee)	2,210	CY	\$ 3.00	\$ 6,630.00
Embankment Import (Park East Levee)	4,450	CY	\$ 14.00	\$ 62,300.00
Seeding with Hydro-Mulch	56,600	SY	\$ 0.60	\$ 33,960.00
Topsoil - 6" (Park East Levee)	560	CY	\$ 2.50	\$ 1,400.00
Topsoil - Spread (6") - Imported	9,433	CY	\$ 14.50	\$ 136,783.33
Pavement & Structural				
Curb & Gutter - Standard (Type II)	12,450	LF	\$ 42.00	\$ 522,900.00
Reinforced PC Concrete Pavement (Roadway)	21,500	SY	\$ 160.00	\$ 3,440,000.00
Reinforced PC Concrete Pavement (Parking Lot)	19,170	SY	\$ 120.00	\$ 2,300,400.00
4" RC Sidewalk	6,990	SY	\$ 42.00	\$ 293,580.00
6" RC Sidewalk	3,700	SY	\$ 50.00	\$ 185,000.00
Retaining Wall	121	CY	\$ 900.00	\$ 109,200.00
Piling	40	LF	\$ 55.00	\$ 2,200.00
Storm Sewer Gatewell Structure	1	LS	\$ 800,000.00	\$ 800,000.00
Storm Sewer Lift Station	1	LS	\$ 1,257,000.00	\$ 1,257,000.00
Reinforced Concrete Floodwall	1	LS	\$ 6,299,260.00	\$ 6,299,260.00
Removable Floodwall	3,340	SF	\$ 375.00	\$ 1,252,500.00
Site Utilities				
Storm Sewer Structure	61	EA	\$ 6,000.00	\$ 366,000.00
12" Reinforced Concrete Pipe (RCP) CL3 Storm Sewer	14	LF	\$ 28.00	\$ 392.00
18" Reinforced Concrete Pipe (RCP) CL3 Storm Sewer	1,230	LF	\$ 33.00	\$ 40,590.00
24" Reinforced Concrete Pipe (RCP) CL3 Storm Sewer	340	LF	\$ 39.00	\$ 13,260.00
27" Reinforced Concrete Pipe (RCP) CL3 Storm Sewer	390	LF	\$ 45.00	\$ 17,550.00
36" Reinforced Concrete Pipe (RCP) CL3 Storm Sewer	1,036	LF	\$ 65.00	\$ 67,340.00
48" Reinforced Concrete Pipe (RCP) CL3 Storm Sewer	284	LF	\$ 130.00	\$ 36,920.00
54" Reinforced Concrete Pipe (RCP) CL2 Storm Sewer	376	LF	\$ 145.00	\$ 54,520.00
60" Reinforced Concrete Pipe (RCP) CL2 Storm Sewer	844	LF	\$ 160.00	\$ 135,040.00
66" Reinforced Concrete Pipe (RCP) CL2 Storm Sewer	94	LF	\$ 180.00	\$ 16,920.00
72" Reinforced Concrete Pipe (RCP) CL2 Storm Sewer	310	LF	\$ 275.00	\$ 85,250.00
18" Ductile Iron Pipe (DIP) Forcemain	120	LF	\$ 68.00	\$ 8,160.00
36" Ductile Iron Pipe (DIP) Forcemain	255	LF	\$ 280.00	\$ 71,400.00
72" Reinforced Concrete Pipe (RCP) Apron	1	EA	\$ 3,000.00	\$ 3,000.00
48" Corrugated Metal Pipe (CMP)	170	LF	\$ 60.00	\$ 10,200.00
60" Corrugated Metal Pipe (CMP)	420	LF	\$ 140.00	\$ 58,800.00
72" Corrugated Metal Pipe (CMP)	750	LF	\$ 200.00	\$ 150,000.00
Sanitary Sewer Structure	10	EA	\$ 7,000.00	\$ 70,000.00
10" PVC Sanitary Sewer	178	LF	\$ 42.00	\$ 7,476.00
12" PVC Sanitary Sewer	116	LF	\$ 50.00	\$ 5,800.00
18" PVC Sanitary Sewer	280	LF	\$ 72.00	\$ 20,160.00
36" PVC Sanitary Sewer	224	LF	\$ 220.00	\$ 49,280.00
Water Pipe	2,088	LF	\$ 60.00	\$ 125,280.00
Hydrant Relocation	5	EA	\$ 5,000.00	\$ 25,000.00
Miscellaneous				
Fencing	332	LF	\$ 70.00	\$ 23,240.00
Landscaping/Lighting/Vegetation Restoration	1	LS	\$ 500,000.00	\$ 500,000.00
Erosion Control	1	LS	\$ 30,000.00	\$ 30,000.00
Storm Water Management	1	LS	\$ 5,000.00	\$ 5,000.00
Permanent Traffic Control	1	LS	\$ 275,000.00	\$ 275,000.00
Construction Traffic Control	1	LS	\$ 25,000.00	\$ 25,000.00
Construction Total				\$ 20,786,978.33
Contingencies (30%)				\$ 6,236,094
Total Construction Cost				\$27,023,072