

REASONABLE CONTRACT ESTIMATE 1 DEC. 83

PROJECT 17<sup>th</sup> ST. CANAL DRAINAGE IMPROVEMENTS  
(ORIGINAL PROPOSAL RAISED TO HLP STANDARDS)

INVITATION NO.

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1	MOBILIZATION & DEMOBILIZATION	1	JOB	LUMP SUM	100,000
2	CLEARING & GRUBBING	1	JOB	LUMP SUM	60,000
3	EXCAVATION (LEVEE DEGRADING)	92,600	C.Y.	8.00	740,800
4	FILL (LEVEE RAISING)	15,000	C.Y.	2.00	30,000
5	CANAL DREDGING	402,000	C.Y.	10.00	4,020,000
6	CONCRETE BLOCK MAT	185,700	S.F.	5.00	928,500
7	RIPRAP	6600	TON	20.00	132,000
8	SELECTIVE DEMOLITION (Consists of: removal of approx 8750 LF. Concrete capped sheet pile wall; removal of approx 7480 LF. of uncapped sheet pile wall; removal of portions of existing bike path (asphalt 5420'); removal of portions of Orpheum Ave (asphalt road 1430 s.y.); and removal of misc. timber structures in canal)	1	JOB	LUMP SUM	315,000
9	ASPHALTIC CONCRETE BIKE PATH (2" thick x 8' wide x 6280' long)	5580	S.Y.	4.50	25,110
10	ASPHALT ROAD (2" thick asphalt + 6" granular material sub base)	1430	S.Y.	6.50	9,295
11	PEDESTRIAN BRIDGE (Consists of: Concrete 73.5 C.Y. Reinb Steel 8175 LB. 16"x16" Prestressed Conc. Piles 2,330 LF. Structural Timber 15.7 MFBM 12" Ø C.I. Pipe 305 LF. Fill material 26 C.Y.)	1	JOB	LUMP SUM	155,000
12	STRUCTURAL EXCAVATION	15,345	C.Y.	8.00	122,760
13	STRUCTURAL BACKFILL	10,637	C.Y.	10.00	106,370
14	PZ-27 STEEL SHEET PILING	233,883	S.F.	12.50	2,923,538
15	PMA-22 STEEL SHEET PILING	9,652	S.F.	10.00	96,520



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SHEET 1 OF 2

PROJECT 17TH ST. CANAL - DRAINAGE IMPROVEMENTS BY S. & W.B.  
(ORIGINAL PROPOSAL)

INVITATION NO.

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1	Mobilization and Demob.	1	Job	Lump Sum	100,000
2	Clearing & Grubbing	1	Job	Lump Sum	60,000
3	Excavation (Levee Degradation)	61,000	C.Y.	7.50	457,500
4	Fill (Levee Raising)	15,000	C.Y.	2.00	30,000
5	Canal Dredging	402,000	C.Y.	10.00	4,020,000
6	Concrete Block Mat	185,700	S.F.	5.00	928,500
7	Rip-Rap	6600	Ton	20.00	132,000
8	Selective Demolition (Consists of: removal of approx 8750 LF. concrete capped sheet pile wall; removal of approx 7480 LF of uncapped sheet pile wall; removal of portions of existing bike path (asphalt: 15420'); removal of portions of Orpheum Ave. (asphalt road: 1430 S.Y.) and removal of misc. timber structures in canal)	1	Job	Lump Sum	315,000
9	Asphaltic Concrete Bike Path (2" thick x 8' wide x 6200' long)	5580	S.Y.	4.50	25,110
10	Asphalt Road (2" thick asphalt + 6" granular material sub. base)	1430	S.Y.	6.50	9,295
11	Pedestrian Bridge (Consists of: Concrete 73.5 C.Y. Steel Reinf. 8175 LB 16"x16" Prest. Conc. Piles 2330 LF Structural Timber 15.7 MFBM 12"Ø C.I. Pipe 305 LF Fill Material 26 C.Y.)	1	Job	Lump Sum	155,000
12	Structural Excavation	9855	C.Y.	8.00	78,840
13	Structural Backfill	7563	C.Y.	10.00	75,630
14	P2-21 Steel Sheet Piling	53,883	S.F.	12.50	673,538
15	PMA-22 Steel Sheet Piling	464,943	S.F.	10.00	4,649,430

**REASONABLE CONTRACT ESTIMATE**

1 DEC 83

SHEET 2 OF 2

PROJECT 17TH ST. CANAL - DRAINAGE IMPROVEMENTS BY J.E. W.B.  
(ORIGINAL PROPOSAL)

INVITATION NO.

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
16	HP14x102 Steel Piles	1,858	LF.	35.00	65,030
17	12"φ Treated Timber Piles	27,879	LF	10.00	278,790
18	10"x10" Creosoted Timber Wakes	3,251	LF.	15.00	48,765
19	Reinforced Concrete Wall (sheet pile cap)	6,023	CF.	350.00	2,108,050
20	Structural Steel (Misc)	67,700	Lb	2.00	135,400
21	3-Bulb Waterstop	3,540	LF.	8.00	28,320
	Subtotal				14,374,198
	Contingencies	10 %			
	Total Construction				

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12-6-83