

REASONABLE CONTRACT ESTIMATE

1 DEC 83

SHEET 1 OF 1

PROJECT 17th ST. CANAL - HLP ALTERNATIVE
(NO DRAINAGE IMPROVEMENTS)

INVITATION NO.

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1	MOBILIZATION & DEMOBILIZATION	1	JOB	LUMP SUM	50,000
2	CLEARING & GRUBBING	1	JOB	LUMP SUM	30,000
3	EXCAVATION (LEVEE DEGRADING)	45,200	C.Y.	6.00	271,200
4	FILL (LEVEE RAISING)	19,700	C.Y.	2.00	39,400
5	CANAL DREDGING	16,700	C.Y.	12.00	200,400
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 8760 L.F. Concrete capped sheet pile wall; removal of approx 7480 L.F. 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	STRUCTURAL EXCAVATION	12,484	C.Y.	8.00	99,872
10	STRUCTURAL BACKFILL	8,323	CY.	10.00	83,230
11	P2-27 STEEL SHEET PILING	184,306	S.F.	12.50	2,303,825
12	P2-22 STEEL SHEET PILING	151,900	S.F.	10.00	1,519,000
13	P2-38 STEEL SHEET PILING	523,116	S.F.	16.00	8,369,856
14	12" ϕ TREATED TIMBER PILES	1245	L.F.	10.00	12,450
15	10"x10" CREOSOTED TIMBER WALES	206	L.F.	15.00	3,090
16	REINFORCED CONCRETE WALL	15,303	C.Y.	325.00	4,973,475
17	STRUCTURAL STEEL (MISC)	650	LB.	3.00	1,950
18	3-BULD WATER STOP	7,816	L.F.	8.00	62,528
	SUBTOTAL				19,395,776
	CONTINGENCIES	10%			
	TOTAL CONSTRUCTION				

BT
12-6-83

REASONABLE CONTRACT ESTIMATE 1 DEC 83

SHEET 1 OF 2

PROJECT 17th 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	
2	CLEARING & GRUBBING	1	JOB	LUMP SUM	
3	EXCAVATION (LEVEE DEGRADING)	92,600	C.Y.		
4	FILL (LEVEE RAISING)	15,000	C.Y.		
5	CANAL DREDGING	402,000	C.Y.		
6	CONCRETE BLOCK MAT	185,700	S.F.		
7	RIPRAP	6600	TON		
8	SELECTIVE DEMOLITION (Consists of: removal of approx 8750 L.F. Concrete capped sheet pile wall; removal of approx 7480 L.F. 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	
9	ASPHALTIC CONCRETE BIKE PATH (2" thick x 8' wide x 6280' long)	5580	S.Y.		
10	ASPHALT ROAD (2" thick asphalt + 6" granular material sub base)	1430	S.Y.		
11	PEDESTRIAN BRIDGE (Consists of: Concrete 73.5 C.Y. Reinf. Steel 8175 LB. 16"x16" Prestressed Conc. Piles 2,330 L.F. Structural Timber 15.7 MFBM 12" Ø C.I. Pipe 305 L.F. Fill material 26 C.Y.)	1	JOB	LUMP SUM	
12	STRUCTURAL EXCAVATION	15,345	C.Y.		
13	STRUCTURAL BACKFILL	10,637	C.Y.		
14	PZ-27 STEEL SHEET PILING	233,883	S.F.		
15	PMA-22 STEEL SHEET PILING	9,652	S.F.		

REASONABLE CONTRACT ESTIMATE 19 JAN 84

LT

SHEET 1 OF 1

PROJECT 17th ST CANAL - REVISED HLP ALTERNATIVE
(NO DRAINAGE IMPROVEMENTS)

INVITATION NO.

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1	MOBILIZATION & DEMOBILIZATION	1	JOB	LUMP SUM	50,000
2	CLEARING & GRUBBING	1	JOB	LUMP SUM	30,000
3	EXCAVATION (LEVEE DEGRADING)	45,200	C.Y.	6.00	271,200
4	FILL (LEVEE RAISING)	19,700	C.Y.	2.00	39,400
5	CANAL DREDGING	16,700	C.Y.	12.00	200,400
6	CONCRETE BLOCK MAT	185,700	S.F.	5.00	928,500
7	RIPRAP	6,600	TON	20.00	132,000
8	SELECTIVE DEMOLITION (Consists of: removal of approx. 8750 L.F. Conc. capped sheet pile wall; removal of approx 7880 L.F. of uncapped sheet pile wall; removal of portions of existing bike path (asphalt 5420'); removal of portions of Orpheum Ave. (asphalt road 1430 S.V.) and removal of misc timber structures in canal)	1	JOB	LUMP SUM	315,000
9	STRUCTURAL EXCAVATION	12,484	C.Y.	8.00	99,872
10	STRUCTURAL BACKFILL	8323	CY	10.00	83,230
11	PZ-27 STEEL SHEET PILING	224,306	S.F.	12.50	2,803,825
12	PZ-22 STEEL SHEET PILING	198,400	S.F.	10.00	1,984,000
13	PZ-38 STEEL SHEET PILING	582,561	S.F.	16.00	9,320,976
14	12" Ø TREATED TIMBER PILES	1245	L.F.	10.00	12,450
15	10" X 10" CRESOTED TIMBER WALES	206	L.F.	15.00	3,090
16	REINFORCED CONCRETE WALL	17,080	C.Y.	325.00	5,551,000
17	STRUCTURAL STEEL (MISC)	650	LB	3.00	1,950
18	3-BULB WATERSTOP	9110	L.F.	8.00	72,800
	SUBTOTAL				21,899,693
	10% CONTINGENCIES				
	TOTAL CONSTRUCTION				

REASONABLE CONTRACT ESTIMATE

1 DEC 83

SHEET 1 OF 2

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

INVITATION NO.

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1	Mobilization and Demob.	1	Job	Lump Sum	
2	Clearing & Grubbing	1	Job	Lump Sum	
3	Excavation (Levee Degrading)	61,000	C.Y.		
4	Fill (Levee Raising)	15,000	C.Y.		
5	Canal Dredging	402,000	C.Y.		
6	Concrete Block Mat	185,700	S.F.		
7	Rip-Rap	6600	Ton		
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 sq. yd.) and removal of misc. timber structures in canal)	1	Job	Lump Sum	
9	Asphaltic Concrete Bike Path (2" thick x 8' wide x 6280' long)	5580	S.Y.		
10	Asphalt Road (2" thick asphalt + 6" granular material sub. base)	1430	S.Y.		
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" dia CI Pipe 305 LF Fill Material 26 C.Y.)	1	Job	Lump Sum	
12	Structural Excavation	9855	C.Y.		
13	Structural Backfill	7563	C.Y.		
14	P2-27 Steel Sheet Piling	53,883	S.F.		
15	PMA-22 Steel Sheet Piling	464,943	S.F.		

REASONABLE CONTRACT ESTIMATE

1 DEC 83

SHEET 1 OF 1

PROJECT 17th ST. CANAL - HLP ALTERNATIVE
(NO DRAINAGE IMPROVEMENTS)

INVITATION NO.

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1	MOBILIZATION & DEMOBILIZATION	1	JOB	LUMP SUM	
2	CLEARING & GRUBBING	1	JOB	LUMP SUM	
3	EXCAVATION (LEVEE DEGRADING)	45,200	C.Y.		
4	FILL (LEVEE RAISING)	19,700	C.Y.		
5	CANAL DREDGING	16,700	C.Y.		
6	CONCRETE BLOCK MAT	185,700	S.F.		
7	RIPRAP	6600	TON		
8	SELECTIVE DEMOLITION (Consists of: removal of approx 8750 L.F. Concrete capped sheet pile wall; removal of approx 7480 L.F. of uncapped sheet pile wall; removal of portions of existing bike path / asphalt 5420'); removal of portions of Orpheum Ave (asphalt road 14'30 sq.); and removal of misc. timber structures in canal)	1	JOB	LUMP SUM	
9	STRUCTURAL EXCAVATION	12,484	C.Y.		
10	STRUCTURAL BACKFILL	8,323	CY.		
11	P2-27 STEEL SHEET PILING	184,306	S.F.		
12	P2-22 STEEL SHEET PILING	151,900	S.F.		
13	P2-38 STEEL SHEET PILING	523,116	S.F.		
14	12" Ø TREATED TIMBER PILES	1245	L.F.		
15	10'x10" CREOSOTED TIMBER WALES	206	L.F.		
16	REINFORCED CONCRETE WALL	15,303	C.Y.		
17	STRUCTURAL STEEL (MISC)	650	LB.		
18	3-BULD WATER STOP	7,816	L.F.		
	SUBTOTAL				
	CONTINGENCIES				
	TOTAL CONSTRUCTION				