

Project Name:	Ocean Drive Pedestrian Crossing Improvements
Project Number:	23143
Owner:	City of Corpus Christi
Bidder:	Final Submittal - Engineer's Opinion of Probable Construction Cost - Base Bid
OAR:	Joseph Johnson, Assistant Director of Engineering Services: Construction Management
Designer:	Freese and Nichols, Inc.

Basis of Bid

Item	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	EXTENDED AMOUNT
Base Bid					
Part A - General (per SECTION 01 29 01 MEASUREMENT AND BASIS FOR PAYMENT)					
A1	MOBILIZATION (MAX 5% PART A)	LS	1	\$ 1,500.00	\$ 1,500.00
A2	BONDS AND INSURANCE (MAX 2%)	LS	1	\$ 5,000.00	\$ 5,000.00
A3	BLOCK SODDING	SY	105	\$ 6.00	\$ 630.00
A4	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	3	\$ 8,000.00	\$ 24,000.00
A5	TEMP SEDMT CONT FENCE (INSTALL)	LF	140	\$ 10.00	\$ 1,400.00
A6	TEMP SEDMT CONT FENCE (REMOVE)	LF	140	\$ 2.00	\$ 280.00
SUBTOTAL PART A - GENERAL (Items A1 thru A6)					\$ 32,810.00

Part B - STREET IMPROVEMENTS (per SECTION 01 29 01 MEASUREMENT AND BASIS FOR PAYMENT)					
B1	MOBILIZATION (MAX 5% PART B)	LS	1	\$ 1,500.00	\$ 1,500.00
B2	REMOVING CONC (CURB AND GUTTER)	LF	92	\$ 30.00	\$ 2,760.00
B3	FLEXIBLE PAVEMENT STRUCTURE REPAIR(8")	SY	21	\$ 175.00	\$ 3,675.00
B4	CONC CURB & GUTTER (TY II)	LF	92	\$ 45.00	\$ 4,140.00
B5	IN SM RD SN SUP&AM TY10BWG(1)SA(P)	EA	8	\$ 1,000.00	\$ 8,000.00
B6	PREFAB PAV MRK TY C (W) (24") (SLD)	LF	171	\$ 20.00	\$ 3,420.00
B7	Allowance for Unanticipated Street -Related Improvements	LS	1	\$ 10,000.00	\$ 10,000.00
SUBTOTAL PART B - STREET IMPROVEMENTS (Items B1 thru B7)					\$ 33,495.00

Part C - ADA IMPROVEMENTS (per SECTION 01 29 01 MEASUREMENT AND BASIS FOR PAYMENT)					
C1	MOBILIZATION (MAX 5% PART C)	LS	1	\$ 1,400.00	\$ 1,400.00
C2	REMOVING CONC (SIDEWALKS)	SY	78	\$ 35.00	\$ 2,730.00
C3	CONC SIDEWALKS (4")	SY	65	\$ 105.00	\$ 6,825.00
C4	CONC SIDEWALKS (6")	SY	17	\$ 150.00	\$ 2,550.00
C5	CURB RAMPS (TY 1)	SY	8	\$ 170.00	\$ 1,360.00
C6	CURB RAMPS (TY 10)	SY	6	\$ 170.00	\$ 1,020.00
C7	CURB RAMPS (TY 21)	SY	13	\$ 170.00	\$ 2,210.00
C8	REMOVE STR (BOLLARD)	EA	1	\$ 400.00	\$ 400.00
C9	FIXED BOLLARD (6")	EA	1	\$ 1,500.00	\$ 1,500.00
C10	Allowance for Unanticipated ADA Improvements	LS	1	\$ 10,000.00	\$ 10,000.00
SUBTOTAL PART C - ADA IMPROVEMENTS (Items C1 thru C10)					\$ 29,995.00

Part D - SIGNALIZATION IMPROVEMENTS (per SECTION 01 29 01 MEASUREMENT AND BASIS FOR PAYMENT)					
D1	MOBILIZATION (MAX 5% PART D)	LS	1	\$ 15,000.00	\$ 15,000.00
D2	DRILL SHAFT (TRF SIG POLE) (36 IN)	LF	30	\$ 400.00	\$ 12,000.00
D3	CONDT (PVC) (SCHD 40) (2")	LF	20	\$ 25.00	\$ 500.00

Item	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	EXTENDED AMOUNT
D4	CONDT (PVC) (SCHD 40) (2") (BORE)	LF	3,680	\$ 35.00	\$ 128,800.00
D5	CONDT (PVC) (SCHD 40) (3")	LF	35	\$ 35.00	\$ 1,225.00
D6	CONDT (PVC) (SCHD 40) (4")	LF	10	\$ 45.00	\$ 450.00
D7	CONDT (PVC) (SCHD 40) (4") (BORE)	LF	95	\$ 60.00	\$ 5,700.00
D8	ELEC CONDR (NO. 10) INSULATED GREEN (I.T. GROUND)	LF	3,270	\$ 1.50	\$ 4,905.00
D9	ELEC CONDR (NO. 8) INSULATED	LF	150	\$ 2.00	\$ 300.00
D10	ELEC CONDR (NO. 6) BARE	LF	10	\$ 3.00	\$ 30.00
D11	ELEC CONDR (NO. 6) INSULATED	LF	20	\$ 3.00	\$ 60.00
D12	LUMINAIRE CABLE (2 CNDR) (12 AWG) W/GROUND	LF	215	\$ 3.00	\$ 645.00
D13	GROUND BOX TY D (162922) W /APRON	EA	2	\$ 2,000.00	\$ 4,000.00
D14	ELC SRV TY D 120/240 060(NS)SS(E)PS(U)	EA	1	\$ 10,000.00	\$ 10,000.00
D15	INSTALL HIGHWAY TRAFFIC SIGNAL (ISOLATED)	EA	1	\$ 10,000.00	\$ 10,000.00
D16	VEH SIG SEC (12") LED (GRN)	EA	4	\$ 300.00	\$ 1,200.00
D17	VEH SIG SEC (12") LED (YEL)	EA	4	\$ 300.00	\$ 1,200.00
D18	VEH SIG SEC (12") LED (RED)	EA	4	\$ 300.00	\$ 1,200.00
D19	PED SIG SEC LED (COUNTDOWN)	EA	2	\$ 900.00	\$ 1,800.00
D20	LOUVERED VACUUM FORMED ABS BACK PLATE (12") (3 SEC) 3M YELLOW RETROREFLECTIVE 2" TAPE	EA	4	\$ 200.00	\$ 800.00
D21	TRF SIG CBL (TY A) (12 AWG) (2 CONDR)	LF	145	\$ 2.00	\$ 290.00
D22	TRF SIG CBL (TY A) (14 AWG) (4 CONDR)	LF	220	\$ 2.00	\$ 440.00
D23	TRF SIG CBL (TY A) (14 AWG) (16 CONDR)	LF	145	\$ 7.00	\$ 1,015.00
D24	INS TRF SIG PL AM (S) 1 ARM (36') (LUM)	EA	2	\$ 14,000.00	\$ 28,000.00
D25	PED DETECT PUSH BUTTON (APS) w/ R10-3E sign (Polara iDS2 APS with iDetect) (Touchless)	EA	2	\$ 1,200.00	\$ 2,400.00
D26	PED DETECTOR CONTROLLER UNIT ((ICCU-S2) and Interconnect Board (iN2-iCB))	EA	1	\$ 4,300.00	\$ 4,300.00
D27	INSTALL BBU SYSTEM (ALPHA FXM HP1100 UPS WITH CABINET) (INCLUDE REMOTE BATTERY MONITORING SYSTEM PLUS)	EA	1	\$ 8,000.00	\$ 8,000.00
D28	CCTV FIELD EQUIPMENT (DIGITAL) (PTZ CAMERA - (Axis P5655-E PTZ, 1080P, WDR, x32, IP66, Dome Network Camera) Including Mounting Equipment)	EA	1	\$ 7,500.00	\$ 7,500.00
D29	FIBER OPTIC CABLE (INSTALLATION ONLY)	LF	3270	\$ 1.00	\$ 3,270.00
D30	MAST ARM WIND DAMPER (FREY MANUFACTURING)	EA	2	\$ 1,000.00	\$ 2,000.00
D31	ITS GND BOX (POLY) TY 1 (243624)W/APRN	EA	5	\$ 2,500.00	\$ 12,500.00
D32	Duralight LED Luminaire (DURA-STR-25-4K-120-2-GR-SCLB)	EA	2	\$ 500.00	\$ 1,000.00
D33	CONTROLLER CABINET (TS-2) WITH EXTENSION	EA	1	\$ 15,000.00	\$ 15,000.00
D34	CONTROLLER FOUNDATION	EA	1	\$ 4,000.00	\$ 4,000.00
D35	CONTROLLER ECONOLITE COBALT ATC 1000	EA	1	\$ 5,000.00	\$ 5,000.00
D36	MMU2-16LEip With Ethernet Port	EA	1	\$ 1,000.00	\$ 1,000.00
D37	CISCO ETHERNET 4000 SWITCH 9IE-4000-8GT8GP4G-E) AND POWER SUPPLY (PWR-IE170W-PC-AC=)	EA	1	\$ 9,000.00	\$ 9,000.00
D38	Allowance for Unanticipated Signalization Improvements	LS	1	\$ 25,000.00	\$ 25,000.00
SUBTOTAL PART D - SIGNALIZATION IMPROVEMENTS (D1 THRU D38)					\$ 329,530.00

Item	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	EXTENDED AMOUNT
BID SUMMARY					

SUBTOTAL PART A - GENERAL (Items A1 thru A6)				\$	32,810.00
SUBTOTAL PART B - STREET IMPROVEMENTS (Items B1 thru B7)				\$	33,495.00
SUBTOTAL PART C - ADA IMPROVEMENTS (Items C1 thru C10)				\$	29,995.00
SUBTOTAL PART D - SIGNALIZATION IMPROVEMENTS (Items D1 thru D38)				\$	329,530.00
TOTAL PROJECT BASE BID (PARTS A THRU D)				\$	425,830.00