MAINTENANCE BOND COST ESTIMATE
FOR
COMMUNITY BLVD AT RIVERLAND PARCEL B
P21-067
VELCON Project No. 21-1003

ITEM	TOTAL
SANITARY SEWER SYSTEM	$ 173,433.25
WATER MAIN	$ 369,418.00
SUBTOTAL - WATER AND SEWER	**$ 542,851.25**
DRAINAGE SYSTEM	$ 337,850.00
PAVING AND GRADING	$ 1,084,501.00
SUBTOTAL - PAVING AND DRAINAGE	**$ 1,422,351.00**
STREET TREES (Quercus virginiana/Live Oak, Qty 54 x $625 ea.)(Foxtail Palms, Qty 22 x $480 ea.)	$ 44,310.00
SUBTOTAL - STREET TREES	**$ 44,310.00**
EROSION CONTROL	$ 5,000.00
SUBTOTAL - EROSION CONTROL	**$ 5,000.00**
SET PRM'S	$ 3,500.00
SET PCP'S	$ 2,500.00
SUBTOTAL - MONUMENTS	**$ 6,000.00**
TOTAL CONSTRUCTION COST	**$ 2,020,512.25**
MAINTENANCE BOND FOR 15% TOTAL COST	**$ 303,076.84**
ROUNDED SURETY AMOUNT	**$ 303,100.00**

Velcon Engineering & Surveying LLC

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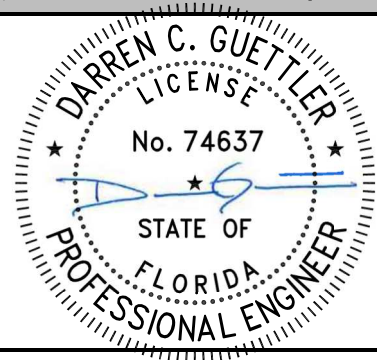
Darren Guettler, P.E.

FL Lic. No. 74637

Date: 05-22-24

DARREN C. GUETTLER
LICENSE No. 74637
STATE OF FLORIDA
PROFESSIONAL ENGINEER

WATER & WASTEWATER COST ESTIMATE

FOR

COMMUNITY BLVD AT RIVERLAND PARCEL B

P21-067

VELCON Project No. 21-1003

ITEM No.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
	SEWER				
1	2" FO CONDUIT/CABLE	3,227	LF	$ 5.75	$ 18,555.25
2	16" PVC FM	3,227	LF	$ 34.00	$ 109,718.00
3	16" PLUG	1	EA	$ 800.00	$ 800.00
4	8" GATE VALVE	1	EA	$ 1,600.00	$ 1,600.00
5	16" GATE VALVE	5	EA	$ 3,200.00	$ 16,000.00
6	AIR RELEASE VALVE	3	EA	$ 5,000.00	$ 15,000.00
7	FITTINGS FM	1	LS	$ 7,500.00	$ 7,500.00
8	CONNECT TO EXISITING	1	EA	$ 1,260.00	$ 1,260.00
9	FIBER OPTIC PULL/SPLICE BOX	6	EA	$ 500.00	$ 3,000.00
	SUB TOTAL FORCE MAIN				$ 173,433.25
	WATER MAIN				
1	24" PVC WATER MAIN	3,334	LF	$ 95.00	$ 316,730.00
2	16" PVC WATER MAIN	9	LF	$ 85.00	$ 765.00
3	12" PVC WATER MAIN	159	LF	$ 35.00	$ 5,565.00
4	8" PVC WATER MAIN	309	LF	$ 22.00	$ 6,798.00
5	24" GATE VALVE	5	EA	$ 3,700.00	$ 18,500.00
6	12" GATE VALVE	2	EA	$ 1,875.00	$ 3,750.00
7	8" GATE VALVE	4	EA	$ 1,560.00	$ 6,240.00
8	FITTINGS WM	1	LS	$ 7,500.00	$ 7,500.00
9	BACTERIOLOGICAL SAMPLE POINT	7	EA	$ 510.00	$ 3,570.00
	SUB TOTAL FORCE MAIN				$ 369,418.00
	TOTAL				$ 542,851.25

NOTE: Date: 02-14-22

RECEIVED, OR ON PAST BIDS ADJUSTED BY CURRENT PRICE INDEXES. THEIR ACCURACY IS A FUNCTION OF ECONOMIC

CONDITIONS AT THE TIME THE WORK IS ACTUALLY BID.

PAVING AND DRAINAGE COST ESTIMATE

FOR

COMMUNITY BLVD AT RIVERLAND PARCEL B

P21-067

VELCON Project No. 21-1003

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
	ROADWAY				
1	MOBILIZATION	1	LS	$ 15,000.00	$ 15,000.00
2	M.O.T. (INCL. PEDESTRIAN MOT)	1	LS	$ 2,500.00	$ 2,500.00
3	ROW EXCAVATION	5,000	CY	$ 2.00	$ 10,000.00
4	ROW EMBANKMENT	5,000	CY	$ 2.00	$ 10,000.00
5	1.5" SP 12.5 (FINAL LIFT)	18,302	SY	$ 12.50	$ 228,775.00
6	3.0" SP 12.5 (STRUCTURAL)	18,302	SY	$ 15.00	$ 274,530.00
7	8" BASE ROCK	18,688	SY	$ 10.00	$ 186,880.00
8	12" STABALIZED SUBGRADE	19,075	SY	$ 3.50	$ 66,762.50
9	TYPE F CURB	3,350	LF	$ 14.00	$ 46,900.00
11	8' SIDEWALK 4" THICK	48,723	SF	$ 4.50	$ 219,253.50
12	HANDICAP RAMP	12	EA	$ 1,575.00	$ 18,900.00
13	SIGNING & STRIPING	1	LS	$ 5,000.00	$ 5,000.00
	SUB TOTAL ROADWAY				$ 1,084,501.00
	DRAINAGE				
1	P-X INLETS	9	EA	$ 5,000.00	$ 45,000.00
2	P-5 INLETS	5	EA	$ 4,500.00	$ 22,500.00
3	P-6 INLETS	6	EA	$ 5,400.00	$ 32,400.00
4	TYPE C DITCH BOTTOM INLETS	9	EA	$ 4,500.00	$ 40,500.00
5	36" CAP	40	LF	$ 72.00	$ 2,880.00
6	30" CAP	40	LF	$ 68.00	$ 2,720.00
7	36" HPPP	349	LF	$ 50.00	$ 17,450.00
8	30" HPPP	1,356	LF	$ 48.00	$ 65,088.00
9	24" HPPP	434	LF	$ 42.00	$ 18,228.00
10	18" HPPP	1,140	LF	$ 25.00	$ 28,500.00
12	EDGE DRAIN	2,822	LF	$ 22.00	$ 62,084.00
13	Marmac Pipe Coupler	2	EA	$ 250.00	$ 500.00
	SUB TOTAL DRAINAGE				$ 337,850.00
	TOTAL				$ 1,422,351.00

NOTE: THE UNIT PRICES USED IN THIS COST ESTIMATE ARE ESTIMATES OF CURRENT COSTS BASED ON RECENT BIDS RECEIVED, OR ON PAST BIDS ADJUSTED BY CURRENT PRICE INDEXES. THEIR ACCURACY IS A FUNCTION OF ECONOMIC CONDITIONS AT THE TIME THE WORK IS ACTUALLY BID.