

Bid Tab - RFB 6130 North Beach Drainage, Street and Eco Park Improvements

Item	Description	Unit	Quantity	Mako Contracting	Total
<b>Base Bid</b>					
<b>Part A - General</b>					
1	MOBILIZATION (5% MAX)	AL	1	\$45,000.00	\$45,000.00
2	BONDS AND INSURANCE (2% MAX)	AL	1	\$216,000.00	\$216,000.00
3	TEMPORARY TRAFFIC CONTROL DEVICES	MO	18	\$28,000.00	\$504,000.00
4	TEMPORARY TRAFFIC CONTROL PLANS	LS	1	\$25,000.00	\$25,000.00
5	STORMWATER POLLUTION PREVENTION PLAN	LS	1	\$100,000.00	\$100,000.00
6	EXPLORATORY EXCAVATIONS (UP TO 6-FT OF COVER)	LS	1	\$20,000.00	\$20,000.00
7	OZONE ACTION DAY	DAY	9	\$1.00	\$9.00
8	SILT FENCE	LF	18175	\$4.25	\$77,243.75
9	CURB INLET PROTECTION	EA	14	\$100.00	\$1,400.00
10	HAY BALE GRATE INLET PROTECTION BARRIER	EA	5	\$150.00	\$750.00
11	STABILIZED CONSTRUCTION ENTRANCE	EA	1	\$3,500.00	\$3,500.00
12	ROCK FILTER DAM	EA	1	\$200.00	\$200.00
13	FILTER FABRIC BARRIER - V-DITCH	LF	750	\$10.00	\$7,500.00
14	FILTER FABRIC BARRIER - TRAPEZODIAL-DITCH	LF	60	\$10.00	\$600.00
Sub Totals					\$1,001,202.75
<b>Part B - Canal</b>					
1	EXCAVATION OF CANAL	CY	31400	\$22.00	\$690,800.00
2	CONTROL OF GROUNDWATER / DEWATERING	LS	1	\$200,000.00	\$200,000.00
3	ROUGH GRADING / COMPACTION OF LINEAR PARK	CY	71000	\$5.00	\$355,000.00
4	PREPARATION / COMPACTION OF EMBANKMENT	CY	7700	\$15.00	\$115,500.00
B5	SOIL RETENTION BLANKET (CL 1,TY A)	SY	26000	\$4.50	\$117,000.00
B6	HYDROMULCH SEEDING	SY	22901	\$1.50	\$34,351.50
B7	CONSTRUCTED WETLAND AQUATIC PLANTINGS	SF	14000	\$5.00	\$70,000.00
B8	GABION BASKET RETAINING WALL	CY	2700	\$300.00	\$810,000.00
Sub Totals					\$2,392,651.50
<b>Part C - Drainage Improvements</b>					

C1	CLEANING & REGRADING ROADSIDE DITCH (TYPE 1)	LF	5500	\$8.00	\$44,000.00
C2	EXCAVATE / GRADE ROADSIDE DITCH (TYPE 1)	LF	13800	\$16.50	\$227,700.00
C3	EXCAVATE / GRADE ROADSIDE DITCH (TYPE 2)	LF	2200	\$20.00	\$44,000.00
C4	4' x 2' REINFORCED CONCRETE BOX (RCB)(SEAGULL BLVD)	LF	420	\$897.00	\$376,740.00
C5	4' x 2' REINFORCED CONCRETE BOX (RCB)(TIMON BLVD)	LF	200	\$897.00	\$179,400.00
C6	10' x 6' REINFORCED CONCRETE BOX (RCB)(OUTFALL)	LF	130	\$2,702.50	\$351,325.00
C7	18" RCP (CLASS IV) (CROSS CULVERTS)	LF	3050	\$178.25	\$543,662.50
C8	SAFETY END TREATMENT (SET) @ 18" RCP	EA	178	\$3,068.00	\$546,104.00
C9	ROCK RIPRAP OUTFALL PROTECTION	CY	310	\$150.00	\$46,500.00
C10	24" RCP (CLASS IV) (STREET DRAINAGE)	LF	2055	\$189.75	\$389,936.25
C11	CURB INLET	EA	8	\$8,625.00	\$69,000.00
C12	18" RCP (CLASS IV) DRIVEWAY CULVERTS	LF	1380	\$178.25	\$245,985.00
C13	GRATE INLET	EA	33	\$9,487.50	\$313,087.50
C14	4' DIA. PRECAST MANHOLE	EA	8	\$8,500.00	\$68,000.00
C15	DEBRIS CAGE (SW OUTFALLS)	EA	24	\$5,000.00	\$120,000.00
C16	UNANTICIPATED STORMWATER IMPROVEMENTS	AL	1	\$100,000.00	\$100,000.00
C17	WINGED HEADWALL FOR 4'X2' RCB CULVERTS AT SEAGULL BLVD	EA	6	\$25,000.00	\$150,000.00
C18	WINGED HEADWALL FOR DUAL 4'X2' RCB CULVERTS AT SEAGULL BLVD AND TIMON BLVD	EA	5	\$25,000.00	\$125,000.00
C19	3'X3' GRATE INLET FOR 4'X2' RCB CULVERTS AT SEAGULL BLVD	EA	4	\$10,925.00	\$43,700.00
C20	STORMWATER JUNCTION BOX	EA	7	\$14,375.00	\$100,625.00
<b>Sub Totals</b>					<b>\$4,084,765.25</b>

#### Part D - Park Improvements

D1	REMOVE EXISTING ELECTRICAL POLES	EA	6	\$3,000.00	\$18,000.00
D2	REMOVE EXISTING LIGHT POLES	EA	14	\$3,500.00	\$49,000.00
D3	REMOVE EXISTING ASPHALT PAVEMENT	SY	2400	\$5.50	\$13,200.00
D4	REMOVE TREE INCLUDING ROOT BALL	EA	14	\$1,000.00	\$14,000.00
D5	FINE GRADING	SY	33610	\$7.00	\$235,270.00
D6	SHELL AGGREGATE CONCRETE	SY	475	\$150.00	\$71,250.00
D7	8' WIDE CONCRETE SIDEWALK	SY	4000	\$75.00	\$300,000.00

D8	10' WIDE CONCRETE SIDEWALK	SY	5380	\$75.00	\$403,500.00
D9	CABLE BARRIER SYSTEM	LF	2310	\$75.00	\$173,250.00
D10	CONCRETE SIDEWALK REPAIR	SF	120	\$15.00	\$1,800.00
D11	DUNE BERMS (3'-4' HEIGHT)	SY	1400	\$20.00	\$28,000.00
D12	PARK LIGHTING: LIGHT POLE 8 FT HEIGHT	EA	93	\$7,000.00	\$651,000.00
D13	PARK LIGHTING: BOLLARD LIGHTS	EA	20	\$3,500.00	\$70,000.00
D14	POWER POLE WITH METER AND DISCONNECT	EA	3	\$20,000.00	\$60,000.00
D15	ELECTRICAL PANEL	EA	4	\$20,000.00	\$80,000.00
D16	BLOCK SODDING	SY	6415	\$14.00	\$89,810.00
D17	HYDROMULCH SEEDING	SY	27195	\$6.25	\$169,968.75
D18	LANDSCAPE (PALM TREE)	EA	30	\$1,500.00	\$45,000.00
D19	LANDSCAPE (PALM TREE IN PLANTER FOR CONCRETE AREAS)	EA	12	\$2,500.00	\$30,000.00
D20	LANDSCAPE (HONEY MESQUITE)	EA	19	\$5,000.00	\$95,000.00
D21	LANDSCAPE (CREPE MYRTLE TREE)	EA	37	\$2,500.00	\$92,500.00
D22	LANDSCAPE (NATIVE SHRUB)	EA	100	\$100.00	\$10,000.00
D23	LANDSCAPE (GROUND COVER)	SY	560	\$20.00	\$11,200.00
D24	PREPARE AREA FOR WETLAND PLANTING (CANAL OUTFALL AREA)	CY	9500	\$20.00	\$190,000.00
D25	WETLAND AQUATIC PLANTINGS (LINEAR PARK & OUTFALL)	SF	50000	\$1.00	\$50,000.00
D26	ALLOWANCE FOR PUBLIC ART / CULTURAL EXHIBITS	AL	1	\$100,000.00	\$100,000.00
D27	ALLOWANCE FOR WAYFINDING AND EDUCATIONAL SIGNAGE	AL	1	\$50,000.00	\$50,000.00
<b>Sub Totals</b>					<b>\$3,101,748.75</b>

#### Part E - Street / Access / ADA Improvements

E1	FULL DEPTH SAW CUT FOR REMOVAL	LF	499	\$12.00	\$5,988.00
E2	REMOVE STABILIZED BASE & ASPHALT PAVEMENT (16")	SY	13495	\$12.00	\$161,940.00
E3	REMOVE EXISTING CONCRETE DRIVEWAYS	SY	1365	\$45.00	\$61,425.00
E4	REMOVE EXISTING ASPHALT DRIVEWAYS	SY	675	\$20.00	\$13,500.00
E5	REMOVE EXISTING GRAVEL DRIVEWAYS	SY	905	\$20.00	\$18,100.00
E6	DRIVEWAYS (CONC)	SY	1365	\$100.00	\$136,500.00
E7	DRIVEWAYS (ASPHALT)	SY	675	\$80.00	\$54,000.00
E8	DRIVEWAYS (GRAVEL)	SY	905	\$50.00	\$45,250.00

E9	SELECT FILL	CY	2567	\$22.00	\$56,474.00
E10	CEMENT TREAT (SUBGRADE)(8")	SY	13670	\$19.50	\$266,565.00
E11	FL BS (CMP IN PLACE)(TY A GR 1-2)(8")	SY	13670	\$36.00	\$492,120.00
E12	GEOGRID	SY	13670	\$5.00	\$68,350.00
E13	PRIME COAT (MC-30)(0.15 GALLONS/SY)	GAL	2050.5	\$9.82	\$20,135.91
E14	3" D-GR HMA TY-B	TON	2062.418738	\$222.00	\$457,857.24
E15	2.5" D-GR HMA TY-D	TON	1732.43174	\$217.58	\$376,942.12
E16	CONC CURB & GUTTER (TY A)	LF	4300	\$25.00	\$107,500.00
E17	CONC SIDEWALKS (5' WIDTH X 4' THICK)	SY	905	\$75.00	\$67,875.00
E18	CONC SIDEWALKS (10' WIDTH X 4" THICK)	SY	2255	\$75.00	\$169,125.00
E19	PAINTED STEEL BOLLARDS	EA	8	\$800.00	\$6,400.00
E20	ADA CURB RAMPS	EA	34	\$2,500.00	\$85,000.00
E21	ALLOWANCE FOR STRIPING (STREET & PEDESTRIAN)	AL	1	\$20,000.00	\$20,000.00
E22	ALLOWANCE FOR STREET SIGNAGE	AL	1	\$25,000.00	\$25,000.00
E23	ALLOWANCE FOR UNANTICIPATED STREET IMPROVEMENTS	AL	1	\$50,000.00	\$50,000.00
<b>Sub Totals</b>					<b>\$2,766,047.27</b>

#### Part F - Structural

ALLOWANCE FOR PRE-ENGINEERED / PRECAST VEHICULAR					
F1	BRIDGE AT GULFSPRAY AVE.	AL	1	\$910,000.00	\$910,000.00
ALLOWANCE FOR PRE-ENGINEERED / PRECAST VEHICULAR					
F2	BRIDGE AT BEACH AVE.	AL	1	\$1,010,000.00	\$1,010,000.00
<b>Sub Totals</b>					<b>\$1,920,000.00</b>

#### Part G - Water Utility Improvements

G1	TRENCH SAFTEY FOR WATERLINES (0 TO 10 FT DEEP)	LF	780	\$10.93	\$8,525.40
G2	DEWATERING	LS	1	\$250,000.00	\$250,000.00
G3	ADJUST WATER METER, VALVE & VALVE BOX	EA	15	\$1,840.00	\$27,600.00
G4	REMOVE EXISTING WATER PIPE	LF	600	\$27.60	\$16,560.00
G5	CUT AND PLUG WATER MAIN (12IN)	EA	4	\$3,392.50	\$13,570.00
G6	WATER MAIN PIPE (PVC)(12IN)(C-900)	LF	180	\$172.50	\$31,050.00
G7	PROVIDE 45 DEG BEND - 12" DIA	EA	8	\$3,392.50	\$27,140.00
G8	PROVIDE 12"X12" TAP SLV & VALVE	EA	4	\$13,225.00	\$52,900.00
G9	CUT AND PLUG WATER MAIN (8IN)	EA	6	\$2,817.50	\$16,905.00

G10	WATER MAIN PIPE (PVC)(8IN)(C-900)	LF	320	\$120.75	\$38,640.00
G11	PROVIDE 45 DEG BEND - 8" DIA	EA	12	\$2,760.00	\$33,120.00
G12	PROVIDE 90 DEG BEND - 8" DIA	EA	2	\$2,990.00	\$5,980.00
G13	PROVIDE L 8"X6" TAP SLV & VALVE	EA	1	\$10,925.00	\$10,925.00
G14	WATER MAIN PIPE (PVC)(6IN)(C-900)	LF	600	\$112.70	\$67,620.00
G15	PROVIDE 6"x6" TAP SLV & VALVE	EA	8	\$10,120.00	\$80,960.00
G16	REMOVING AND SALVAGING FIRE HYDRANT	EA	31	\$1,092.50	\$33,867.50
G17	CUT AND PLUG WATER MAIN (6IN)	EA	8	\$2,300.00	\$18,400.00
G18	WATER SERVICE CONNECTIONS	EA	1	\$1,840.00	\$1,840.00
G19	UNANTICIPATED WATER UTILITY IMPROVEMENTS 16" DIA. STEEL CASING (1/4" MIN WALL THICKNESS) WITH END SEALS AND CASING SPACERS FOR 8" WATERLINE BY	AL	1	\$50,000.00	\$50,000.00
G20	OPEN-CUT	LF	50	\$402.50	\$20,125.00
<b>Sub Totals</b>					<b>\$805,727.90</b>

#### Part H - Wastewater Improvements

H1	TRENCH SAFETY FOR WATERLINES (0 TO 10 FT DEEP)	LF	4610	\$12.00	\$55,320.00
H2	DEWATERING	LS	1	\$276,575.00	\$276,575.00
H3	REMOVE EXISTING MANHOLE (SANITARY SEWER)	EA	4	\$7,360.00	\$29,440.00
H4	REMOVE EXISTING SANITARY SEWER PIPE	LF	2500	\$51.75	\$129,375.00
H5	NEW SANITARY MANHOLE	EA	11	\$30,130.00	\$331,430.00
H6	SANITARY SEWER PIPE (PVC) (C900) (18")	LF	3850	\$322.00	\$1,239,700.00
H7	SANITARY SEWER PIPE (PVC) (C900) (12")	LF	200	\$287.50	\$57,500.00
H8	SANITARY SEWER PIPE (8") (FORCE MAIN)	LF	560	\$120.75	\$67,620.00
H9	REMOVE EXISTING SEWER LIFT STATION	LS	2	\$40,250.00	\$80,500.00
H10	REMOVE EXISTING BRICK PRIVACY WALL SANITARY SEWER LIFT STATION (PRE-ENGINEERED PACKAGE,	LS	2	\$5,000.00	\$10,000.00
H11	COMPLETE)	LS	1	\$661,250.00	\$661,250.00
H12	CMU LIFT STATION PRIVACY WALL	SF	189	\$100.00	\$18,900.00
H13	UNANTICIPATED WASTEWATER IMPROVEMENTS	AL	1	\$50,000.00	\$50,000.00
ALLOWANCE TO MODIFY SANITARY SEWER SYSTEM ALONG					
H14	SEAGULL BLVD AND TREASURE AV IF DEEMED NECESSARY	AL	1	\$75,000.00	\$75,000.00
<b>Sub Totals</b>					<b>\$3,082,610.00</b>

Grand Total

\$19,154,753.42

## Alternate 1

## Part J - ADDITIVE ALTERNATE 1 - Additional Park Improvements

J1	MOBILIZATION (5% MAX)	AL	1	\$70,000.00	\$70,000.00
J2	BONDS AND INSURANCE (2% MAX)	AL	1	\$24,000.00	\$24,000.00
J3	STORMWATER POLLUTION PREVENTION PLAN	LS	1	\$10,000.00	\$10,000.00
J4	EXPLORATORY EXCAVATIONS (UP TO 6-FT OF COVER)	LS	1	\$5,000.00	\$5,000.00
J5	OZONE ACTION DAY	DAY	10	\$1.00	\$10.00
J6	REMOVE EXISTING ELECTRICAL POLES	EA	6	\$3,500.00	\$21,000.00
J7	REMOVE EXISTING ASPHALT PAVEMENT	SY	940	\$12.00	\$11,280.00
J8	SITE GRADING FOR PARKING, ECO PARK, & WETLANDS	SY	46940	\$5.00	\$234,700.00
J9	CEMENT TREAT (SUBGRADE)(8") @ PARKING LOT	SY	7250	\$18.60	\$134,850.00
J10	FLEXIBLE BASE (TY A GR 1-2)(8") @ PARKING LOT	SY	7250	\$32.00	\$232,000.00
J11	GEOGRID @ PARKING LOT	SY	7250	\$5.00	\$36,250.00
J12	PRIME COAT (MC-30)(0.15 GALLONS/SY) @ PARKING LOT	GAL	1087.5	\$9.80	\$10,657.50
J13	3" D-GR HMA TY-B @ PARKING LOT	TON	956.401875	\$222.00	\$212,320.80
J14	2.5" D-GR HMA TY-D @ PARKING LOT	TON	803.377575	\$218.00	\$175,136.84
J15	CONCRETE SIDEWALK	SY	1460	\$75.00	\$109,500.00
J16	HYDROMULCH SEEDING	AC	3	\$8,500.00	\$25,500.00
J17	CABLE BARRIER SYSTEM BURIED ELECTRIC CONDUITS AND CONDUCTORS FOR PARK	LF	1410	\$75.00	\$105,750.00
J18	LIGHTING	LF	500	\$25.00	\$12,500.00
J19	PREPARE AREA FOR WETLAND PLANTING	SY	22250	\$9.00	\$200,250.00
J20	WETLAND AQUATIC PLANTINGS	SF	27700	\$30.00	\$831,000.00
J21	PARK LIGHTING: LIGHT POLE 8 FT HEIGHT	EA	11	\$7,000.00	\$77,000.00
J22	PARKING LOT LIGHTING	EA	4	\$7,000.00	\$28,000.00
J23	POWER POLE WITH METER AND DISCONNECT	EA	1	\$20,000.00	\$20,000.00
J24	ELECTRICAL PANEL	EA	1	\$20,000.00	\$20,000.00
J25	ALLOWANCE FOR WAYFINDING AND EDUCATIONAL SIGNAGE	AL	1	\$50,000.00	\$50,000.00
J26	WOODEN BENCH	EA	20	\$2,160.00	\$43,200.00
J27	TRASH RECEPTACLE	EA	20	\$3,500.00	\$70,000.00

Sub Totals					\$2,769,905.14
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Grand Total					\$2,769,905.14
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### Alternate 2

#### Part K - ADDITIVE ALTERNATE 2 - Linear Park Pedestrian Crossings

K1	MOBILIZATION (5% MAX)	AL	1	\$50,000.00	\$50,000.00
K2	BONDS AND INSURANCE (2% MAX)	AL	1	\$17,500.00	\$17,500.00
	ALLOWANCE FOR PRE-ENGINEERED STEEL PEDESTRIAN				
K3	BRIDGE STA. 39+42	AL	1	\$500,000.00	\$500,000.00
	ALLOWANCE PRE-ENGINEERED STEEL PEDESTRIAN BRIDGE				
K4	STA. 8+66	AL	1	\$550,000.00	\$550,000.00

Sub Totals					\$1,117,500.00
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Grand Total					\$1,117,500.00
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### Alternate 3

#### Part L - ADDITIVE ALTERNATE 3 - Eco-Park Structures

L1	MOBILIZATION (5% MAX)	AL	1	\$35,000.00	\$35,000.00
L2	BONDS AND INSURANCE (2% MAX)	AL	1	\$12,750.00	\$12,750.00
L3	STORMWATER POLLUTION PREVENTION PLAN	LS	1	\$10,000.00	\$10,000.00
L4	OZONE ACTION DAY	DAY	10	\$1.00	\$10.00
L5	WOODEN ADA COMPLIANT BIRD WATCH PLATFORM	LS	1	\$29,670.00	\$29,670.00
	WOODEN ADA COMPLIANT 5' WIDE BOARDWALK WITH				
L6	HANDRAILS (2' ABOVE GRADE, TYP)	LF	775	\$700.00	\$542,500.00
L7	WOODEN ADA COMPLIANT 5' WIDE RAMPS	EA	6	\$26,450.00	\$158,700.00

Sub Totals					\$788,630.00
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Grand Total					\$788,630.00
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Grand Total					\$ 23,830,788.56
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