

Project Name:	North Beach Drainage, Street, and Eco Park Improvements
Project Number:	18007, 18162, 22142, 23167
Owner:	City of Corpus Christi
OAR:	
Designer:	Lockwood, Andrews & Newnam, Inc.

By its signature below, Bidder accepts all of the terms and conditions of the Bid Acknowledgement, acknowledges receipt of all Addenda to the Bid and agrees, if this Bid is accepted, to enter into a Contract with the Owner and complete the Work in accordance with the Contract Documents for the Bid price.

Bidder: Mako Contracting LLC (full legal name of Bidder)

Signature: *Gabriel Goodman* (signature of person with authority to bind the Bidder)

Name: Gabriel Goodman (printed name of person signing Bid Form)

Title: President (title of person signing Bid Form)

Attest: *Sandra Gonzalez* (signature)

State of Residency: Texas

Federal Tx ID No. 36-4717006

Address for Notices: 1526 Holly Rd Corpus Christi TX 78417

Phone: 361-561-6256 Email: GG@makocontracting.com

Basis of Bid

Item	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	EXTENDED AMOUNT
Base Bid 1					
Part A - GENERAL (per SECTION 01 29 01 MEASUREMENT AND BASIS FOR PAYMENT)					
A1	MOBILIZATION (5% MAX)	AL	1	\$45,000.00	\$45,000.00
A2	BONDS AND INSURANCE (2% MAX)	AL	1	\$216,000.00	\$216,000.00
A3	TEMPORARY TRAFFIC CONTROL DEVICES	MO	18	\$28,000.00	\$504,000.00
A4	TEMPORARY TRAFFIC CONTROL PLANS	LS	1	\$25,000.00	\$25,000.00
A5	STORMWATER POLLUTION PREVENTION PLAN	LS	1	\$100,000.00	\$100,000.00
A6	EXPLORATORY EXCAVATIONS (UP TO 6-FT OF COVER)	LS	1	\$20,000.00	\$20,000.00
A7	OZONE ACTION DAY	DAY	9	\$1.00	\$9.00
A8	SILT FENCE	LF	18,175	\$4.25	\$77,243.75
A9	CURB INLET PROTECTION	EA	14	\$100.00	\$1,400.00
A10	HAY BALE GRATE INLET PROTECTION BARRIER	EA	5	\$150.00	\$750.00
A11	STABILIZED CONSTRUCTION ENTRANCE	EA	1	\$3,500.00	\$3,500.00
A12	ROCK FILTER DAM	EA	1	\$200.00	\$200.00
A13	FILTER FABRIC BARRIER - V-DITCH	LF	750	\$10.00	\$7,500.00
A14	FILTER FABRIC BARRIER - TRAPEZODIAL-DITCH	LF	60	\$10.00	\$600.00
SUBTOTAL PART A - GENERAL (Items A1 thru A7)					\$1,001,202.75

Part B -CANAL (per SECTION 01 29 01 MEASUREMENT AND BASIS FOR PAYMENT)

Item	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	EXTENDED AMOUNT
B1	EXCAVATION OF CANAL	CY	31,400	\$22.000	\$690,800.00
B2	CONTROL OF GROUNDWATER / DEWATERING	LS	1	\$200,000.000	\$200,000.00
B3	ROUGH GRADING / COMPACTION OF LINEAR PARK	CY	71,000	\$5.000	\$355,000.00
B4	PREPARATION / COMPACTION OF EMBANKMENT	CY	7,700	\$15.000	\$115,500.00
B5	SOIL RETENTION BLANKET (CL 1, TY A)	SY	26,000	\$4.500	\$117,000.00
B6	HYDROMULCH SEEDING	SY	22,901	\$1.500	\$34,351.50
B7	CONSTRUCTED WETLAND AQUATIC PLANTINGS	SF	14,000	\$5.000	\$70,000.00
B8	GABION BASKET RETAINING WALL	CY	2,700	\$400.000	\$1,080,000.00
SUBTOTAL PART B - CANAL (Items B1 thru B8)					\$2,662,651.50

Part C - DRAINAGE IMPROVEMENTS (per SECTION 01 29 01 MEASUREMENT AND BASIS FOR PAYMENT)					
C1	CLEANING & REGRADING ROADSIDE DITCH (TYPE 1)	LF	5,500	\$8.00	\$44,000.00
C2	EXCAVATE / GRADE ROADSIDE DITCH (TYPE 1)	LF	13,800	\$16.50	\$227,700.00
C3	EXCAVATE / GRADE ROADSIDE DITCH (TYPE 2)	LF	2,200	\$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	3,050	\$178.25	\$543,662.50
C8	SAFETY END TREATMENT (SET) @ 18" RCP	EA	178	\$3068.00	\$546,104.00
C9	ROCK RIPRAP OUTFALL PROTECTION	CY	310	\$150.00	\$46,500.00
C10	24" RCP (CLASS IV) (STREET DRAINAGE)	LF	2,055	\$189.75	\$389,936.25
C11	CURB INLET	EA	8	\$8,625.00	\$69,000.00
C12	18" RCP (CLASS IV) DRIVEWAY CULVERTS	LF	1,380	\$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
SUBTOTAL PART C - DRAINAGE IMPROVEMENTS (C1 THRU C19)					\$4,084,765.25

Part D - PARK AND BEACHFRONT IMPROVEMENTS (per SECTION 01 29 01 MEASUREMENT AND BASIS FOR PAYMENT)					
D1	REMOVE EXISTING ELECTRICAL POLES	EA	6	\$3,000.000	\$18,000.00
D2	REMOVE EXISTING LIGHT POLES	EA	14	\$3,500.000	\$49,000.00
D3	REMOVE EXISTING ASPHALT PAVEMENT	SY	2,400	\$5.500	\$13,200.00
D4	REMOVE TREE INCLUDING ROOT BALL	EA	14	\$1,000.000	\$14,000.00
D5	FINE GRADING	SY	33,610	\$7.000	\$235,270.00
D6	SHELL AGGREGATE CONCRETE	SY	475	\$150.000	\$71,250.00
D7	8' WIDE CONCRETE SIDEWALK	SY	4,000	\$75.000	\$300,000.00
D8	10' WIDE CONCRETE SIDEWALK	SY	5,380	\$75.000	\$403,500.00
D9	CABLE BARRIER SYSTEM	LF	2,310	\$75.000	\$173,250.00
D10	CONCRETE SIDEWALK REPAIR	SF	120	\$15.000	\$1,800.00
D11	DUNE BERMS (3'-4' HEIGHT)	SY	1,400	\$20.000	\$28,000.00
D12	PARK LIGHTING: LIGHT POLE 8 FT HEIGHT	EA	93	\$7,000.000	\$651,000.00
D13	PARK LIGHTING: BOLLARD LIGHTS	EA	20	\$3,500.000	\$70,000.00
D14	POWER POLE WITH METER AND DISCONNECT	EA	3	\$20,000.000	\$60,000.00
D15	ELECTRICAL PANEL	EA	4	\$20,000.000	\$80,000.00
D16	BLOCK SODDING	SY	6,415	\$14.000	\$89,810.00
D17	HYDROMULCH SEEDING	SY	27,195	\$6.250	\$169,968.75
D18	LANDSCAPE (PALM TREE)	EA	30	\$1,500.000	\$45,000.00
D19	LANDSCAPE (PALM TREE IN PLANTER FOR CONCRETE AREAS)	EA	12	\$2,500.000	\$30,000.00
D20	LANDSCAPE (HONEY MESQUITE)	EA	19	\$5,000.000	\$95,000.00
D21	LANDSCAPE (CREPE MYRTLE TREE)	EA	37	\$2,500.000	\$92,500.00

Item	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	EXTENDED AMOUNT
D22	LANDSCAPE (NATIVE SHRUB)	EA	100	\$100.000	\$10,000.00
D23	LANDSCAPE (GROUND COVER)	SY	560	\$20.000	\$11,200.00
D24	PREPARE AREA FOR WETLAND PLANTING (CANAL OUTFALL AREA)	CY	9,500	\$12.000	\$114,000.00
D25	WETLAND AQUATIC PLANTINGS (LINEAR PARK & OUTFALL)	SF	50,000	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
SUBTOTAL PART D - PARK AND BEACHFRONT IMPROVEMENTS (D1 THRU D22)					3,101,748.75

Part E - STREET / ACCESS / ADA IMPROVEMENTS (per SECTION 01 29 01 MEASUREMENT AND BASIS FOR PAYMENT)					
E1	FULL DEPTH SAW CUT FOR REMOVAL	LF	499	\$12.00	\$5,988.00
E2	REMOVE STABILIZED BASE & ASPHALT PAVEMENT (16")	SY	13,495	\$12.00	\$161,940.00
E3	REMOVE EXISTING CONCRETE DRIVEWAYS	SY	1,365	\$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	1,365	\$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	2,567	\$22.00	\$56,474.00
E10	CEMENT TREAT (SUBGRADE)(8")	SY	13,670	\$19.50	\$266,565.00
E11	FL BS (CMP IN PLACE)(TY A GR 1-2)(8")	SY	13,670	\$36.00	\$492,120.00
E12	GEOGRID	SY	13,670	\$5.00	\$68,350.00
E13	PRIME COAT (MC-30)(0.15 GALLONS/SY)	GAL	2,051	\$9.82	\$20,135.91
E14	3" D-GR HMA TY-B	TON	2,062	\$222.00	\$457,857.24
E15	2.5" D-GR HMA TY-D	TON	1,732	\$217.58	\$376,942.12
E16	CONC CURB & GUTTER (TY A)	LF	4,300	\$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	2,255	\$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
SUBTOTAL PART E - STREET / ACCESS / ADA IMPROVEMENTS (E1 THRU E23)					\$2,766,047.27

PART F - STRUCTURAL (per SECTION 01 29 01 MEASUREMENT AND BASIS FOR PAYMENT)					
F1	ALLOWANCE FOR PRE-ENGINEERED / PRECAST VEHICULAR BRIDGE AT GULFSRAY AVE.	AL	1	\$ 910,000.00	\$910,000.00
F2	ALLOWANCE FOR PRE-ENGINEERED / PRECAST VEHICULAR BRIDGE AT BEACH AVE.	AL	1	\$ 1,010,000.00	\$1,010,000.00
SUBTOTAL PART F - STRUCTURAL (Items F1 thru F6)					\$1,920,000.00

Part G - WATER UTILITY IMPROVEMENTS (per SECTION 01 29 01 MEASUREMENT AND BASIS FOR PAYMENT)					
G1	TRENCH SAFETY 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 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

Item	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	EXTENDED AMOUNT
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	ADJUST WATER SERVICE CONNECTIONS	EA	1	\$1,840.00	\$1,840.00
G19	UNANTICIPATED WATER UTILITY IMPROVEMENTS	AL	1	\$ 50,000.00	\$50,000.00
G20	16" DIA. STEEL CASING (1/4" MIN WALL THICKNESS) WITH END SEALS AND CASING SPACERS FOR 8" WATERLINE BY OPEN-CUT	LF	50	\$402.50	\$20,125.00
SUBTOTAL PART F - WATER UTILITY IMPROVEMENTS (G1 THRU G19)					\$805,727.90

Part H - WASTEWATER IMPROVEMENTS (per SECTION 01 29 01 MEASUREMENT AND BASIS FOR PAYMENT)					
H1	TRENCH SAFETY FOR WATERLINES (0 TO 10 FT DEEP)	LF	4,610	\$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	2,500	\$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	4,050	\$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	LS	2	\$5,000.00	\$10,000.00
H11	SANITARY SEWER LIFT STATION (PRE-ENGINEERED PACKAGE, 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
H14	ALLOWANCE TO MODIFY SANITARY SEWER SYSTEM ALONG SEAGULL BLVD AND TREASURE AVE IF DEEMED NECESSARY	AL	1	\$ 75,000.00	\$75,000.00
SUBTOTAL PART H - WASTEWATER IMPROVEMENTS (H1 THRU H14)					\$3,082,610.00

TOTAL PROJECT BASE BID (PARTS A THRU H)	\$19,424,753.42
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ADDITIVE ALTERNATE 1 - ADDITIONAL ECO PARK IMPROVEMENTS (per SECTION 01 29 01 MEASUREMENT AND BASIS FOR PAYMENT)					
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	46,940	\$5.00	\$234,700.00
J9	CEMENT TREAT (SUBGRADE)(8") @ PARKING LOT	SY	7,250	\$18.60	\$134,850.00
J10	FLEXIBLE BASE (TY A GR 1-2)(8") @ PARKING LOT	SY	7,250	\$32.00	\$232,000.00
J11	GEOGRID @ PARKING LOT	SY	7,250	\$5.00	\$36,250.00
J12	PRIME COAT (MC-30)(0.15 GALLONS/SY) @ PARKING LOT	GAL	1,088	\$9.80	\$10,657.50
J13	3" D-GR HMA TY-B @ PARKING LOT	TON	956	\$222.00	\$212,320.80
J14	2.5" D-GR HMA TY-D @ PARKING LOT	TON	803	\$218.00	\$175,136.84
J15	CONCRETE SIDEWALK	SY	1,460	\$75.00	\$109,500.00
J16	HYDROMULCH SEEDING	AC	3	\$8,500.00	\$25,500.00
J17	CABLE BARRIER SYSTEM	LF	1,410	\$75.00	\$105,750.00
J18	BURIED ELECTRIC CONDUITS AND CONDUCTORS FOR PARK LIGHTING	LF	500	\$25.00	\$12,500.00
J19	PREPARE AREA FOR WETLAND PLANTING	SY	22,250	\$9.00	\$200,250.00
J20	WETLAND AQUATIC PLANTINGS	SF	27,700	\$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

Item	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	EXTENDED AMOUNT
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
SUBTOTAL ADDITIVE ALTERNATE A- ADDITIONAL PARK IMPROVMENTS (J1 THRU J29)					\$ 2,769,905.14

ADD ALT 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
K3	ALLOWANCE FOR PRE-ENGINEERED STEEL PEDESTRIAN BRIDGE STA. 39+42	AL	1	\$ 500,000.00	\$500,000.00
K4	ALLOWANCE PRE-ENGINEERED STEEL PEDESTRIAN BRIDGE STA. 8+66	AL	1	\$ 550,000.00	\$550,000.00
SUBTOTAL ADDITIVE ALTERNATE B- LINEAR PARK IMPORVMENTS (K1 THRU K4)					\$1,117,500.00

ADD ALT 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
L6	WOODEN ADA COMPLIANT 5' WIDE BOARDWALK WITH 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
SUBTOTAL ADDITIVE ALTERNATE C- ECO PARK STRUCTURES (L1 THRU L7)					\$788,630.00

TOTAL ADDITIVE ALTERNATIVES (PARTS J THROUGH L)	
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TOTAL PROJECT BID (PARTS A THRU L)	
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