

Item	Description	Unit	Quantity	ANDERSON COLUMBIA CO., INC.	Total	Mako Contracting	Total
Base Bid 1 - HMAC							
General							
1-A1	MOBLIZATION (MAX 5% OF PART A)	LS	1.00	\$95,400.00	\$95,400.00	\$40,000.00	\$40,000.00
1-A2	BONDS AND INSURANCE (AS REQUIRED)		1.00	\$148,000.00	\$148,000.00	\$200,000.00	\$200,000.00
		AL					
1-A3	STORM WATER POLLUTION PREVENTION PLAN	LS	1.00	\$50,000.00	\$50,000.00	\$5,000.00	\$5,000.00
1-A4	CLEAR RIGHT-OF-WAY	AC	27.00	\$1,000.00	\$27,000.00	\$8,500.00	\$229,500.00
1-A5	TCP MOBILIZATION/ADJUSMENTS	EA	1.00	\$250,000.00	\$250,000.00	\$43,050.00	\$43,050.00
1-A6	TCP TEMPORARY PAVEMENT	SY	4,382.00	\$45.00	\$197,190.00	\$75.00	\$328,650.00
1-A7	TCP ITEMS (BARRELS, CONES, ETC)	MONTH	36.00	\$10,000.00	\$360,000.00	\$10,500.00	\$378,000.00
1-A8	TCP LPCB TYPE 1 & 2 (FURN & INSTALL)	LF	6,850.00	\$14.00	\$95,900.00	\$20.00	\$137,000.00
1-A9	TCP LPCB TYPE 1 & 2 (MOVE & RESET)	LF	11,350.00	\$10.00	\$113,500.00	\$5.00	\$56,750.00
1-A10	TCP LPCB TYPE 1 & 2 (STCKPL)	LF	150.00	\$1.00	\$150.00	\$5.00	\$750.00
1-A11	TCP LPCB TYPE 1 & 2 (REMOVE)	LF	6,850.00	\$8.00	\$54,800.00	\$10.00	\$68,500.00
1-A12	WK ZN PAV MRK (REMOV)(W)(4")(SLD)	LF	59,020.00	\$0.52	\$30,690.40	\$0.58	\$34,231.60
1-A13	WK ZN PAV MRK (REMOV)(Y)(4")(SLD)	LF	31,740.00	\$0.52	\$16,504.80	\$0.58	\$18,409.20
1-A14	SILT FENCE FOR STORM WATER POLLUTION		28,364.00	\$1.10	\$31,200.40	\$4.00	\$113,456.00
		LF					
1-A15	BLOCK SODDING	SY	43,438.00	\$7.45	\$323,613.10	\$7.00	\$304,066.00
1-A16	ELECTRIC MESSAGE BOARDS	EA	8.00	\$18,900.00	\$151,200.00	\$7,500.00	\$60,000.00
1-A17	OZONE ACTION DAY	EA	10.00	\$1.00	\$10.00	\$0.10	\$1.00
1-A18	ALLOWANCE FOR UNATICIPATED GENERAL ITEMS	AL	1.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00
Sub Totals					\$2,045,158.70		\$2,117,363.80
Street Improvements							
1-B1	MOBILIZATION (5%)	LS	1.00	\$350,000.00	\$350,000.00	\$200,000.00	\$200,000.00
1-B2	STREET EXCAVATION	SY	45,100.00	\$12.00	\$541,200.00	\$12.00	\$541,200.00
1-B3	TYPE D HOT-MIX ASPHALTIC CONCRETE PAVEMENT (1.5")(INCLUDES TACK COAT)		67,000.00	\$12.00	\$804,000.00	\$19.50	\$1,306,500.00
		SY					
1-B4	TYPE B HOT-MIX ASPHALTIC CONCRETE PAVEMENT (2.5")	SY	67,000.00	\$16.00	\$1,072,000.00	\$27.10	\$1,815,700.00
1-B5	PRIME COAT (MC-30)	GAL	10,050.00	\$6.45	\$64,822.50	\$6.00	\$60,300.00
1-B6	14" LIMESTONE BASE (TY A, GR. 1-2)	SY	75,800.00	\$36.00	\$2,728,800.00	\$41.50	\$3,145,700.00
1-B7	SELECT COMPACT FILL	CY	4,700.00	\$1.00	\$4,700.00	\$20.50	\$96,350.00
1-B8	12" CEMENT TREATED SUBGRADE	SY	75,800.00	\$15.00	\$1,137,000.00	\$19.00	\$1,440,200.00
1-B9	DRIVEWAYS (CONC)	SY	3,826.00	\$90.00	\$344,340.00	\$90.00	\$344,340.00

RFB 6838 Flour Bluff Drive - Yorktown Boulevard to Don Patricio Road
 ID: RFB 6838 , Project No. 23161

Item	Description	Unit	Quantity	ANDERSON COLUMBIA CO., INC.	Total	Mako Contracting	Total
1-B10	TYPE C HEAT APPLIED PREFAB PREFORMED THERMOPLASTIC PVMT MRK TYPE 1 (W) WORD	EA	11.00	\$269.00	\$2,959.00	\$300.00	\$3,300.00
1-B11	TYPE C HEAT APPLIED PREFAB PREFORMED THERMOPLASTIC PVMT MRK TYPE 1 (W) ARROW	EA	59.00	\$161.00	\$9,499.00	\$180.00	\$10,620.00
1-B12	TYPE C HEAT APPLIED PREFAB PREFORMED THERMOPLASTIC REFL. PVMT MRK TYPE 1 (W) (24") (SLD) (090 MIL)	LF	1,390.00	\$17.00	\$23,630.00	\$19.20	\$26,688.00
1-B13	TYPE C HEAT APPLIED PREFAB PERFORMED THERMOPLASTIC REFL. PVMT MRK TYPE 1 (W) (12") (SLD) (090 MIL)	LF	138.00	\$9.67	\$1,334.46	\$10.80	\$1,490.40
1-B14	REFL. PAVEMENT MARKING TYPE 1 (Y) (6")(SLD)(090 MIL)	LF	26,544.00	\$0.84	\$22,296.96	\$0.94	\$24,951.36
1-B15	REFL. PAVEMENT MARKING TYPE 1 (Y) (6")(BRK)(090 MIL)	LF	4,850.00	\$1.20	\$5,820.00	\$1.32	\$6,402.00
1-B16	REFL. PAVEMENT MARKING TYPE 1 (W) (6")(BRK)(090 MIL)	LF	3,120.00	\$1.20	\$3,744.00	\$1.32	\$4,118.40
1-B17	REFL. PAVEMENT MARKING TYPE 1 (W) (6")(SLD)(090 MIL)	LF	13,982.00	\$1.00	\$13,982.00	\$1.13	\$15,799.66
1-B18	REFL. PAVEMENT MARKING TYPE 1 (W) (8")(SLD)(090 MIL)	LF	2,033.00	\$2.15	\$4,370.95	\$24.00	\$48,792.00
1-B19	TY-II-A-A RAISED PAVEMENT MARKER (REFLECTORIZED)@20'	EA	408.00	\$8.05	\$3,284.40	\$9.00	\$3,672.00
1-B20	TY-II-A-A RAISED PAVEMENT MARKER (REFLECTORIZED)@40'	EA	480.00	\$8.05	\$3,864.00	\$9.00	\$4,320.00
1-B21	TY-II-C-R RAISED PAVEMENT MARKER (REFLECTORIZED)	EA	372.00	\$8.05	\$2,994.60	\$9.00	\$3,348.00
1-B22	REMOVE SM RD SN SUP& AM	EA	60.00	\$64.00	\$3,840.00	\$50.00	\$3,000.00
1-B23	IN SM RD SN SUP & AM TY 10BWG (1)SA(P)	EA	60.00	\$725.00	\$43,500.00	\$810.00	\$48,600.00
1-B24	ALLOWANCE FOR UNATICIPATED STREET IMPROVEMENTS	AL	1.00	\$350,000.00	\$350,000.00	\$350,000.00	\$350,000.00
Sub Totals					\$7,541,981.87		\$9,505,391.82
Traffic Signal Improvements							
1-C1	MOBILIZATION (MAX 5% OF PART D)	LS	1.00	\$20,000.00	\$20,000.00	\$25,000.00	\$25,000.00
1-C2	DRILL SHAFT (TRF SIG POLE) (24 IN)	LF	12.00	\$134.00	\$1,608.00	\$150.00	\$1,800.00
1-C3	DRILL SHAFT (TRF SIG POLE) (36 IN)	LF	56.00	\$333.00	\$18,648.00	\$356.50	\$19,964.00
1-C4	CONDT (PVC) (SCHD 40) (2")	LF	500.00	\$13.00	\$6,500.00	\$13.80	\$6,900.00

RFB 6838 Flour Bluff Drive - Yorktown Boulevard to Don Patricio Road
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Item	Description	Unit	Quantity	ANDERSON COLUMBIA CO., INC.	Total	Mako Contracting	Total
1-C5	CONDT (PVC) (SCHD 40) (4")	LF	400.00	\$19.00	\$7,600.00	\$20.70	\$8,280.00
1-C6	CONDT (PVC) (SCHD 40) (2")(BORE)	LF	550.00	\$35.00	\$19,250.00	\$37.95	\$20,872.50
1-C7	CONDT (PVC) (SCHD 40) (4") (BORE)	LF	550.00	\$47.00	\$25,850.00	\$50.60	\$27,830.00
1-C8	2 CONDR (NO. 12) WITH GROUND (LUMINAIRE WIRE)	LF	950.00	\$1.60	\$1,520.00	\$1.73	\$1,643.50
1-C9	ELEC CONDR (NO. 6) BARE	LF	37.00	\$2.15	\$79.55	\$2.30	\$85.10
1-C10	ELEC CONDR (NO. 6) INSULATED	LF	74.00	\$2.35	\$173.90	\$2.53	\$187.22
1-C11	ELEC CONDR (NO. 8) BARE	LF	1,512.00	\$2.05	\$3,099.60	\$2.19	\$3,311.28
1-C12	TRAY CABLE (3 CONDR) (12 AWG)	LF	1,317.00	\$2.45	\$3,226.65	\$2.65	\$3,490.05
1-C13	TRAY CABLE (3 CONDR) (14 AWG)	LF	875.00	\$2.60	\$2,275.00	\$2.76	\$2,415.00
1-C14	GROUND BOX TY D WITH APRON	EA	10.00	\$1,340.00	\$13,400.00	\$1,437.50	\$14,375.00
1-C15	INSTALL HWY TRF SIG (ISOLATED)	EA	1.00	\$3,760.00	\$3,760.00	\$20,000.00	\$20,000.00
1-C16	TEMP TRAF SIGNALS	EA	1.00	\$37,600.00	\$37,600.00	\$40,250.00	\$40,250.00
1-C17	ELC SRV TY D 120/240 060 (NS)SS(E)PS(U)	EA	1.00	\$5,590.00	\$5,590.00	\$5,980.00	\$5,980.00
1-C18	ILSN (LED) 8S (DURALIGHT) (FIXED MOUNT)	EA	4.00	\$4,830.00	\$19,320.00	\$5,175.00	\$20,700.00
1-C19	REMOVING TRAFFIC SIGNALS	EA	1.00	\$2,690.00	\$2,690.00	\$2,875.00	\$2,875.00
1-C20	LOUVERED VACUUM FORMED ABS BACK PLATE (12")(3 SEC)	EA	8.00	\$204.00	\$1,632.00	\$218.50	\$1,748.00
1-C21	LOUVERED VACUUM FORMED ABS BACK PLATE (12")(4 SEC)	EA	4.00	\$242.00	\$968.00	\$258.75	\$1,035.00
1-C22	DURALIGHT COUNTDOWN PEDESTRIAN SIGNAL MODULE (16 INCH)	EA	2.00	\$645.00	\$1,290.00	\$690.00	\$1,380.00
1-C23	TRF SIG CBL (TY A) (12 AWG) (4 CONDR)	LF	294.00	\$1.60	\$470.40	\$1.73	\$508.62
1-C24	TRF SIG CBL (TY A) (14 AWG) (5 CONDR)	LF	327.00	\$1.95	\$637.65	\$2.07	\$676.89
1-C25	TRF SIG CBL (TY A) (14 AWG) (7 CONDR)	LF	237.00	\$2.35	\$556.95	\$2.53	\$599.61
1-C26	TRF SIG CBL (TY A) (14 AWG) (16 CONDR)	LF	698.00	\$3.85	\$2,687.30	\$4.14	\$2,889.72
1-C27	INS TRF SIG PL AM(S)1 ARM (36') LUM & ILSN	EA	2.00	\$20,100.00	\$40,200.00	\$21,505.00	\$43,010.00
1-C28	INS TRF SIG PL AM(S)1 ARM (44') LUM & ILSN	EA	2.00	\$22,500.00	\$45,000.00	\$24,035.00	\$48,070.00
1-C29	PED POLE ASSEMBLY	EA	8.00	\$1,270.00	\$10,160.00	\$1,357.00	\$10,856.00
1-C30	POLARA PUSH BUTTON (APS) W/R10-3E SIGN	EA	8.00	\$935.00	\$7,480.00	\$1,000.50	\$8,004.00
1-C31	PED DETECTOR CONTROLLER UNIT	EA	1.00	\$3,920.00	\$3,920.00	\$4,197.50	\$4,197.50

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Item	Description	Unit	Quantity	ANDERSON COLUMBIA CO., INC.	Total	Mako Contracting	Total
1-C32	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (GRN)	EA	8.00	\$322.00	\$2,576.00	\$345.00	\$2,760.00
1-C33	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (GRN ARW)	EA	4.00	\$322.00	\$1,288.00	\$345.00	\$1,380.00
1-C34	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (YEL)	EA	8.00	\$322.00	\$2,576.00	\$345.00	\$2,760.00
1-C35	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (YEL ARW)	EA	4.00	\$322.00	\$1,288.00	\$345.00	\$1,380.00
1-C36	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (RED)	EA	8.00	\$322.00	\$2,576.00	\$345.00	\$2,760.00
1-C37	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (RED ARW)	EA	4.00	\$322.00	\$1,288.00	\$345.00	\$1,380.00
1-C38	ALPHA FXM 2000 UNINTERRUPTIBLE POWER SUPPLY WITH CABINET	EA	1.00	\$8,490.00	\$8,490.00	\$9,085.00	\$9,085.00
1-C39	RADAR PRESENCE DETECTOR (WAVETRONIX)	EA	2.00	\$9,130.00	\$18,260.00	\$9,775.00	\$19,550.00
1-C40	RADAR PRESENCE DETECTOR COMM & POWER CABLE (SMARTSENSOR 6/C)	LF	782.00	\$2.70	\$2,111.40	\$2.88	\$2,252.16
1-C41	CAMERA PTZ (PELCO SPECTRA ENHANCED SERIES) WITH PELCO PA402 MOUNT	EA	1.00	\$4,830.00	\$4,830.00	\$5,175.00	\$5,175.00
1-C42	ETHERNET CABLE CAT5E FOR PTZ	LF	368.00	\$2.45	\$901.60	\$2.65	\$975.20
1-C43	ARC6 6-SENSOR CABINET INTERFACE DEVICE	EA	1.00	\$6,980.00	\$6,980.00	\$7,475.00	\$7,475.00
1-C44	DATA AGGREGATOR DA-400, POWER/COMM CABLE AND 5-BAND ANTENNA	EA	1.00	\$5,910.00	\$5,910.00	\$6,325.00	\$6,325.00
1-C45	MAST ARM DAMPING PLATE	EA	4.00	\$4,190.00	\$16,760.00	\$4,485.00	\$17,940.00
1-C46	CONTROLLER CABINET (TS-2) WITH EXTENSION	EA	1.00	\$19,900.00	\$19,900.00	\$21,275.00	\$21,275.00
1-C47	NEMA TYPE CONTROLLER FOUNDATION	EA	1.00	\$3,060.00	\$3,060.00	\$3,277.50	\$3,277.50
1-C48	CONTROLLER ECONOLITE COBALT	EA	1.00	\$4,570.00	\$4,570.00	\$4,887.50	\$4,887.50
1-C49	MMU2-16LEIP WITH ETHERNET PORT	EA	1.00	\$2,580.00	\$2,580.00	\$2,760.00	\$2,760.00
1-C50	CISCO ETHERNET 4000 SWITCH (IE-4000- 8GT8GP4G-E) AND POWER SUPPLY (PWR- IE170W-PC-AC=)	EA	1.00	\$9,620.00	\$9,620.00	\$10,292.50	\$10,292.50
1-C51	MIMOSA-B5 BACKHAUL RADIO	EA	1.00	\$5,960.00	\$5,960.00	\$6,325.00	\$6,325.00
1-C52	ALLOWANCE FOR UNANTICIPATED TRAFFIC SIGNAL IMPROVEMENTS	AL	1.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00
Sub Totals					\$458,718.00		\$508,948.85

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Item	Description	Unit	Quantity	ANDERSON COLUMBIA CO., INC.	Total	Mako Contracting	Total
ADA Improvements							
1-D1	MOBILIZATION (5%)	LS	1.00	\$50,000.00	\$50,000.00	\$35,000.00	\$35,000.00
1-D2	CONCRETE SIDEWALKS	SF	24,750.00	\$8.50	\$210,375.00	\$8.00	\$198,000.00
1-D3	CONCRETE CURB RAMPS	SF	4,386.00	\$24.00	\$105,264.00	\$25.00	\$109,650.00
1-D4	CONCRETE MULTI-USE PATH	SF	102,000.00	\$7.00	\$714,000.00	\$7.85	\$800,700.00
1-D5	ALLOWANCE FOR UNANTICIPATED ADA IMPROVEMENTS	AL	1.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
Sub Totals					\$1,089,639.00		\$1,153,350.00
Storm Water Improvements							
1-E1	MOBILIZATION (5%)	LS	1.00	\$215,000.00	\$215,000.00	\$150,000.00	\$150,000.00
1-E2	CONCRETE CURB & GUTTER	LF	11,700.00	\$25.00	\$292,500.00	\$22.00	\$257,400.00
1-E3	CLEANING AND RESHAPING DITCHES	LF	13,758.00	\$3.70	\$50,904.60	\$8.00	\$110,064.00
1-E4	REMOVE EXISTING INLET OR MANHOLE	EA	10.00	\$284.00	\$2,840.00	\$621.50	\$6,215.00
1-E6	6' DIAMETER CONCRETE MANHOLE (TYPE-A)	EA	2.00	\$12,300.00	\$24,600.00	\$7,480.00	\$14,960.00
1-E7	7' DIAMETER CONCRETE MANHOLE (TYPE-A)	EA	2.00	\$14,500.00	\$29,000.00	\$10,120.00	\$20,240.00
1-E8	8' DIAMETER CONCRETE MANHOLE (TYPE-A)	EA	5.00	\$14,900.00	\$74,500.00	\$12,320.00	\$61,600.00
1-E9	REMOVE EXISTING REINFORCED CONCRETE PIPE (12" - 60")	LF	4,685.00	\$22.00	\$103,070.00	\$22.00	\$103,070.00
1-E10	5' CONCRETE CURB INLET (CAST IN PLACE)	EA	48.00	\$7,080.00	\$339,840.00	\$7,040.00	\$337,920.00
1-E11	5' X 5' CONCRETE POST INLET	EA	7.00	\$7,480.00	\$52,360.00	\$6,050.00	\$42,350.00
1-E12	PRECAST SAFETY END TREATMENT	EA	34.00	\$3,000.00	\$102,000.00	\$5,280.00	\$179,520.00
1-E13	18" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	1,122.00	\$113.00	\$126,786.00	\$102.30	\$114,780.60
1-E14	24" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	1,471.00	\$159.00	\$233,889.00	\$118.80	\$174,754.80
1-E15	30" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	308.00	\$178.00	\$54,824.00	\$150.70	\$46,415.60
1-E16	36" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	1,310.00	\$203.00	\$265,930.00	\$199.10	\$260,821.00
1-E17	36" DIAMETER REINFORCED CONCRETE PIPE (CLASS IV)	LF	674.00	\$228.00	\$153,672.00	\$210.10	\$141,607.40
1-E18	42" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	1,499.00	\$240.00	\$359,760.00	\$247.50	\$371,002.50
1-E19	48" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	1,540.00	\$272.00	\$418,880.00	\$270.60	\$416,724.00
1-E20	4' X 3' CONCRETE BOX CULVERT (CLASS III)	LF	1,331.00	\$403.00	\$536,393.00	\$270.60	\$360,168.60

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1-E21	4' X 4' CONCRETE BOX CULVERT (CLASS III)	LF	1,267.00	\$432.00	\$547,344.00	\$488.40	\$618,802.80
1-E22	TRENCH SAFETY (STORM WATER INLETS OR MANHOLES)	EA	63.00	\$229.00	\$14,427.00	\$302.50	\$19,057.50
1-E23	TRENCH SAFETY (STORM WATER LINE)	LF	10,460.00	\$0.80	\$8,368.00	\$3.30	\$34,518.00
1-E24	STORMWATER TIE-IN TO EXISTING STRUCTURE	EA	4.00	\$2,000.00	\$8,000.00	\$4,180.00	\$16,720.00
1-E25	CONTROL OF GROUNDWATER	LF	7,700.00	\$35.00	\$269,500.00	\$5.50	\$42,350.00
1-E26	ALLOWANCE FOR UNANTICIPATED STORM WATER IMPROVEMENTS	AL	1.00	\$250,000.00	\$250,000.00	\$250,000.00	\$250,000.00
Sub Totals					\$4,534,387.60		\$4,151,061.80

Water Improvements

1-F1	MOBILIZATION (5%)	LS	1.00	\$74,600.00	\$74,600.00	\$135,000.00	\$135,000.00
1-F2	6" DIP WATERLINE	LF	75.00	\$99.00	\$7,425.00	\$99.00	\$7,425.00
1-F3	8" DIP WATERLINE	LF	428.00	\$115.00	\$49,220.00	\$108.90	\$46,609.20
1-F4	12" DIP WATERLINE	LF	723.00	\$148.00	\$107,004.00	\$133.10	\$96,231.30
1-F5	16" DIP WATERLINE	LF	10.00	\$158.00	\$1,580.00	\$158.40	\$1,584.00
1-F6	18" DIP WATERLINE	LF	41.00	\$182.00	\$7,462.00	\$182.60	\$7,486.60
1-F7	24" DIP WATERLINE	LF	52.00	\$243.00	\$12,636.00	\$244.20	\$12,698.40
1-F8	30" DIP WATERLINE	LF	67.00	\$439.00	\$29,413.00	\$440.00	\$29,480.00
1-F9	6" PVC C900 WATERLINE	LF	39.00	\$64.00	\$2,496.00	\$63.80	\$2,488.20
1-F10	8" PVC C900 WATERLINE	LF	1,380.00	\$81.00	\$111,780.00	\$71.50	\$98,670.00
1-F11	10" PVC C900 WATERLINE	LF	121.00	\$86.00	\$10,406.00	\$82.50	\$9,982.50
1-F12	12" PVC C900 WATERLINE	LF	12,526.00	\$104.00	\$1,302,704.00	\$91.30	\$1,143,623.80
1-F13	18" PVC C900 WATERLINE	LF	31.00	\$152.00	\$4,712.00	\$152.90	\$4,739.90
1-F14	24" PVC C900 WATERLINE	LF	1,349.00	\$164.00	\$221,236.00	\$165.00	\$222,585.00
1-F15	8" 22.5 ° BEND DIMJ	EA	2.00	\$852.00	\$1,704.00	\$854.70	\$1,709.40
1-F16	16" 45° BEND DIMJ	EA	2.00	\$2,580.00	\$5,160.00	\$2,585.00	\$5,170.00
1-F17	18" 45° BEND DIMJ	EA	6.00	\$3,270.00	\$19,620.00	\$3,283.50	\$19,701.00
1-F18	24" 45° BEND DIMJ	EA	4.00	\$4,830.00	\$19,320.00	\$4,851.00	\$19,404.00
1-F19	30" 45° BEND DIMJ	EA	6.00	\$9,510.00	\$57,060.00	\$9,542.50	\$57,255.00
1-F20	6" 45° BEND DIMJ	EA	3.00	\$822.00	\$2,466.00	\$825.00	\$2,475.00
1-F21	8" 45° BEND DIMJ	EA	54.00	\$932.00	\$50,328.00	\$935.00	\$50,490.00
1-F22	12 "45° BEND DIMJ	EA	79.00	\$1,500.00	\$118,500.00	\$1,501.50	\$118,618.50
1-F23	18" X 18" DIMJ TEE	EA	1.00	\$5,440.00	\$5,440.00	\$5,461.50	\$5,461.50
1-F24	12" x 6" DIMJ TEE	EA	2.00	\$1,670.00	\$3,340.00	\$1,677.50	\$3,355.00
1-F25	12" X 8" DIMJ TEE	EA	11.00	\$2,030.00	\$22,330.00	\$2,035.00	\$22,385.00
1-F26	12" x 10" DIMJ TEE	EA	1.00	\$2,030.00	\$2,030.00	\$2,036.10	\$2,036.10
1-F27	12" x 12" DIMJ TEE	EA	2.00	\$2,110.00	\$4,220.00	\$2,117.50	\$4,235.00
1-F28	24" x 24" TEE W/ 16" REDUCER	EA	1.00	\$10,300.00	\$10,300.00	\$10,301.50	\$10,301.50
1-F29	24" x 24" DIMJ TEE	EA	1.00	\$6,980.00	\$6,980.00	\$7,001.50	\$7,001.50

RFB 6838 Flour Bluff Drive - Yorktown Boulevard to Don Patricio Road
 ID: RFB 6838 , Project No. 23161

Item	Description	Unit	Quantity	ANDERSON COLUMBIA CO., INC.	Total	Mako Contracting	Total
1-F30	WATER CONNECTION (30 INCH)	EA	1.00	\$15,000.00	\$15,000.00	\$15,097.50	\$15,097.50
1-F31	8" GATE VALVE	EA	10.00	\$2,610.00	\$26,100.00	\$2,623.50	\$26,235.00
1-F32	10" GATE VALVE	EA	1.00	\$3,890.00	\$3,890.00	\$3,899.50	\$3,899.50
1-F33	12" GATE VALVE	EA	27.00	\$4,550.00	\$122,850.00	\$4,565.00	\$123,255.00
1-F35	24" BUTTERFLY VALVE	EA	2.00	\$15,300.00	\$30,600.00	\$15,400.00	\$30,800.00
1-F36	30" BUTTERFLY VALVE WITH 24" DIMJ REDUCER	EA	1.00	\$30,700.00	\$30,700.00	\$30,800.00	\$30,800.00
1-F37	24" BLOW OFF DRAIN W/ DRAIN MH	EA	2.00	\$33,400.00	\$66,800.00	\$33,550.00	\$67,100.00
1-F38	24" COMB VACUUM AIR RELEASE W SERVICE MH	EA	3.00	\$23,200.00	\$69,600.00	\$23,265.00	\$69,795.00
1-F39	12" COMB VACUUM AIR RELEASE W SERVICE MH	EA	13.00	\$28,000.00	\$364,000.00	\$28,105.00	\$365,365.00
1-F40	3/4" WATER SERVICE LINE W/ METER	EA	47.00	\$1,370.00	\$64,390.00	\$1,375.00	\$64,625.00
1-F41	TYPE 1 FIRE HYDRANT ASSEMBLY	EA	34.00	\$9,320.00	\$316,880.00	\$9,350.00	\$317,900.00
1-F42	TYPE 1 FIRE HYDRANT LONG	EA	20.00	\$12,100.00	\$242,000.00	\$12,100.00	\$242,000.00
1-F43	ACP HANDLING, REMOVAL, AND DISPOSAL	LF	3,578.00	\$31.00	\$110,918.00	\$22.00	\$78,716.00
1-F44	CONNECTION (6 INCH)	EA	5.00	\$3,600.00	\$18,000.00	\$3,613.50	\$18,067.50
1-F45	CONNECTION (8 INCH)	EA	13.00	\$3,400.00	\$44,200.00	\$3,410.00	\$44,330.00
1-F46	CONNECTION (12 INCH)	EA	4.00	\$5,310.00	\$21,240.00	\$5,329.50	\$21,318.00
1-F47	CONNECTION (16 INCH)	EA	1.00	\$3,840.00	\$3,840.00	\$3,850.00	\$3,850.00
1-F48	CONNECTION (18 INCH)	EA	1.00	\$4,600.00	\$4,600.00	\$4,620.00	\$4,620.00
1-F49	CONNECTION (24 INCH)	EA	2.00	\$6,030.00	\$12,060.00	\$6,050.00	\$12,100.00
1-F50	PIPE TRENCH SAFETY	LF	16,338.00	\$4.40	\$71,887.20	\$2.20	\$35,943.60
1-F51	CONTROL OF GROUNDWATER	LF	15,390.00	\$1.10	\$16,929.00	\$1.10	\$16,929.00
1-F52	STEEL CASING (14 INCHES)	LF	35.00	\$143.00	\$5,005.00	\$143.00	\$5,005.00
1-F53	STEEL CASING (36 INCHES)	LF	20.00	\$422.00	\$8,440.00	\$423.50	\$8,470.00
1-F54	8"x6" DIMJ REDUCER	EA	1.00	\$762.00	\$762.00	\$764.50	\$764.50
1-F55	REMOVE EXIST WATER VAULT	EA	1.00	\$4,170.00	\$4,170.00	\$4,180.00	\$4,180.00
1-F56	ALLOWANCE FOR UNANTICIPATED WATER IMPROVEMENTS	AL	1.00	\$250,000.00	\$250,000.00	\$250,000.00	\$250,000.00
Sub Totals					\$4,196,333.20		\$4,009,368.00
Waste Water Improvements							
1-G1	MOBILIZATION (5%)	LS	1.00	\$68,000.00	\$68,000.00	\$100,000.00	\$100,000.00
1-G2	REMOVE EXISTING WASTEWATER MANHOLE	EA	10.00	\$795.00	\$7,950.00	\$797.50	\$7,975.00
1-G3	4' DIAMETER WASTEWATER MANHOLE (OVER 6' IN DEPTH) (FIBERGLASS)	EA	24.00	\$14,300.00	\$343,200.00	\$11,550.00	\$277,200.00
1-G4	EXTRA DEPTH FOR 4' DIAMETER WASTEWATER MANHOLE (OVER 6' DEPTH)(FIBERGLASS)	VF	202.00	\$932.00	\$188,264.00	\$880.00	\$177,760.00

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Item	Description	Unit	Quantity	ANDERSON COLUMBIA CO., INC.	Total	Mako Contracting	Total
1-G5	ADJUST EXISTING WASTEWATER MANHOLE RIM TO GRADE	EA	12.00	\$2,630.00	\$31,560.00	\$2,640.00	\$31,680.00
1-G6	6" SDR 26 PVC WASTEWATER MAIN	LF	53.00	\$90.00	\$4,770.00	\$90.20	\$4,780.60
1-G7	8" SDR 26 PVC WASTEWATER MAIN	LF	1,366.00	\$133.00	\$181,678.00	\$111.10	\$151,762.60
1-G8	18" SDR 26 PVC SANITARY SEWER	LF	2,450.00	\$192.00	\$470,400.00	\$159.50	\$390,775.00
1-G9	14" DUCTILE IRON PIPE FOR FORCE MAIN	LF	3,026.00	\$206.00	\$623,356.00	\$189.20	\$572,519.20
1-G10	24" SDR 26 PVC SANITARY SEWER	LF	700.00	\$217.00	\$151,900.00	\$200.20	\$140,140.00
1-G11	TEMPORARY BY-PASS PUMPING	LS	1.00	\$120,000.00	\$120,000.00	\$121,000.00	\$121,000.00
1-G12	TRENCH SAFETY (WASTEWATER MANHOLES)	EA	12.00	\$822.00	\$9,864.00	\$770.00	\$9,240.00
1-G13	TRENCH SAFETY FOR SANITARY SEWER	EA	7,595.00	\$5.50	\$41,772.50	\$5.50	\$41,772.50
1-G14	SERVICE CONNECTION AND CLEANOUT	LF	40.00	\$1,970.00	\$78,800.00	\$1,980.00	\$79,200.00
1-G15	CONTROL OF GROUNDWATER	EA					
1-G16	ALLOWANCE FOR UNANTICIPATED WASTEWATER IMPROVEMENTS	LF	4,500.00	\$39.00	\$175,500.00	\$39.60	\$178,200.00
		AL	1.00	\$150,000.00	\$150,000.00	\$150,000.00	\$150,000.00
Sub Totals					\$2,647,014.50		\$2,434,004.90
Gas Improvements							
1-H1	MOBILIZATION (5%)	LS	1.00	\$13,200.00	\$13,200.00	\$10,000.00	\$10,000.00
1-H2	EXCAVATION, BACKFILL, AND COMPACTION OF GAS LINE (4")	LF	13,274.00	\$20.00	\$265,480.00	\$14.00	\$185,836.00
1-H3	EXCAVATION, BACKFILL, AND COMPACTION OF GAS LINE (8")	LF	4,533.00	\$24.00	\$108,792.00	\$16.00	\$72,528.00
1-H4	ADJUST EXISTING GAS VALVE BOX TO FINISHED GRADE	EA	10.00	\$1,040.00	\$10,400.00	\$500.00	\$5,000.00
1-H5	REMOVAL OF 8" STEEL GAS LINE	LF	7,504.00	\$25.00	\$187,600.00	\$20.00	\$150,080.00
1-H6	ALLOWANCE FOR UNANTICIPATED GAS IMPROVEMENTS	AL	1.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
Sub Totals					\$590,472.00		\$428,444.00
I.T. Improvements							
1-I1	MOBILIZATION (5%)	LS	1.00	\$6,980.00	\$6,980.00	\$7,500.00	\$7,500.00
1-I2	2" PVC SCHEDULE 40 I.T. CONDUIT WITH PULL STRING AND MULE TAPE	LF	13,300.00	\$11.00	\$146,300.00	\$12.00	\$159,600.00
1-I3	24"X36"X18" I.T. PULL BOX (INSTALLATION ONLY)	EA	19.00	\$1,070.00	\$20,330.00	\$1,200.00	\$22,800.00
Sub Totals					\$173,610.00		\$189,900.00
Grand Total					\$23,277,314.87		\$24,497,833.17

RFB 6838 Flour Bluff Drive - Yorktown Boulevard to Don Patricio Road
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Item	Description	Unit	Quantity	ANDERSON COLUMBIA CO., INC.	Total	Mako Contracting	Total
Base Bid 2 - Concrete					No Bid		
General							
1-A1	MOBLIZATION (MAX 5% OF PART A)	LS	1.00			\$40,000.00	\$40,000.00
1-A2	BONDS AND INSURANCE (AS REQUIRED)		1.00			\$220,000.00	\$220,000.00
		AL					
1-A3	STORM WATER POLLUTION PREVENTION PLAN	LS	1.00			\$10,000.00	\$10,000.00
1-A4	CLEAR RIGHT-OF-WAY	AC	27.00			\$8,500.00	\$229,500.00
1-A5	TCP MOBILIZATION/ADJUSMENTS	EA	1.00			\$43,050.00	\$43,050.00
1-A6	TCP TEMPORARY PAVEMENT	SY	4,382.00			\$75.00	\$328,650.00
1-A7	TCP ITEMS (BARRELS, CONES, ETC)	MONTH	36.00			\$10,500.00	\$378,000.00
1-A8	TCP LPCB TYPE 1 & 2 (FURN & INSTALL)	LF	6,850.00			\$20.00	\$137,000.00
1-A9	TCP LPCB TYPE 1 & 2 (MOVE & RESET)	LF	11,350.00			\$5.00	\$56,750.00
1-A10	TCP LPCB TYPE 1 & 2 (STCKPL)	LF	150.00			\$5.00	\$750.00
1-A11	TCP LPCB TYPE 1 & 2 (REMOVE)	LF	6,850.00			\$10.00	\$68,500.00
1-A12	SILT FENCE FOR STORM WATER POLLUTION		28,364.00			\$4.00	\$113,456.00
		LF					
1-A13	BLOCK SODDING	SY	43,438.00			\$7.00	\$304,066.00
1-A14	WK ZN PAV MRK (REMOV)(W)(4")(SLD)	LF	59,020.00			\$0.62	\$36,592.40
1-A15	WK ZN PAV MRK (REMOV)(Y)(4")(SLD)	LF	31,740.00			\$0.62	\$19,678.80
1-A16	ELECTRIC MESSAGE BOARDS	EA	8.00			\$7,500.00	\$60,000.00
1-A17	OZONE ACTION DAY	EA	10.00			\$0.10	\$1.00
1-A18	ALLOWANCE FOR UNATICIPATED GENERAL ITEMS	AL	1.00			\$100,000.00	\$100,000.00
Sub Totals							\$2,145,994.20
Street Improvements							
2-B1	MOBILIZATION (5%)	LS	1.00			\$200,000.00	\$200,000.00
2-B2	STREET EXCAVATION	SY	45,100.00			\$11.00	\$496,100.00
2-B3	REINFORCED CONCRETE PAVEMENT (8.5 IN)		69,700.00			\$85.00	\$5,924,500.00
		SY					
2-B4	TYPE D HOT-MIX ASPHALTIC CONCRETE PAVEMENT (1")	SY	69,700.00			\$13.20	\$920,040.00
2-B5	6" CEMENT TREATED BASE (TY A, GR. 1-2)		71,500.00			\$25.00	\$1,787,500.00
		SY					
2-B6	10" CEMENT TREATED SUBGRADE	SY	71,500.00			\$16.50	\$1,179,750.00
2-B7	SELECT COMPACTED FILL	CY	4,700.00			\$20.50	\$96,350.00
2-B8	DRIVEWAYS (CONC)	SY	3,826.00			\$90.00	\$344,340.00

RFB 6838 Flour Bluff Drive - Yorktown Boulevard to Don Patricio Road
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Item	Description	Unit	Quantity	ANDERSON COLUMBIA CO., INC.	Total	Mako Contracting	Total
2-B9	TYPE C HEAT APPLIED PREFAB PREFORMED THERMOPLASTIC PVMT MRK TYPE 1 (W) (WORD)	EA	11.00			\$360.00	\$3,960.00
2-B10	TYPE C HEAT APPLIED PREFAB PREFORMED THERMOPLASTIC PVMT MRK TYPE 1 (W) (ARROW)	EA	59.00			\$240.00	\$14,160.00
2-B11	TYPE C HEAT APPLIED PREFAB PERFORMED THERMOPLASTIC REFL PVMT MRK TYPE 1 (W) (24") (SLD) (090 MIL)(W/ CONTRAST)	LF	1,390.00			\$24.00	\$33,360.00
2-B12	TYPE C HEAT APPLIED PREFAB PERFORMED THERMOPLASTIC REFL PVMT MRK TYPE 1 (W) (12") (SLD) (090 MIL)(W/ CONTRAST)	LF	138.00			\$14.40	\$1,987.20
2-B13	REFL. PAVEMENT MARKING TYPE 1 (Y)(6")(SLD)(090 MIL)(W/ CONTRAST)	LF	26,544.00			\$2.70	\$71,668.80
2-B14	REFL. PAVEMENT MARKING TYPE 1 (Y)(6")(BRK)(090 MIL)(W/ CONTRAST)	LF	4,850.00			\$3.60	\$17,460.00
2-B15	REFL. PAVEMENT MARKING TYPE 1 (W)(6")(BRK)(090 MIL)(W/ CONTRAST)	LF	3,120.00			\$3.60	\$11,232.00
2-B16	REFL. PAVEMENT MARKING TYPE 1 (W)(6")(SLD)(090 MIL)(W/ CONTRAST)	LF	13,982.00			\$2.70	\$37,751.40
2-B17	REFL. PAVEMENT MARKING TYPE 1 (W)(8")(SLD)(090 MIL)	LF	2,033.00			\$6.00	\$12,198.00
2-B18	TY-II-A-A RAISED PAVEMENT MARKER (REFLECTORIZED)@20'	EA	408.00			\$12.00	\$4,896.00
2-B19	TY-II-A-A RAISED PAVEMENT MARKER (REFLECTORIZED)@40'	EA	480.00			\$12.00	\$5,760.00
2-B20	TY-II-C-R RAISED PAVEMENT MARKER (REFLECTORIZED)	EA	372.00			\$12.00	\$4,464.00
2-B21	REMOVE SM RD SN SUP & AM	EA	60.00			\$50.00	\$3,000.00
2-B22	IN SM RD SN SUP & AM TY 10BWG (1)SA(P)	EA	60.00			\$810.00	\$48,600.00
2-B23	ALLOWANCE FOR UNANTICIPATED STREET IMPROVEMENTS	AL	1.00			\$350,000.00	\$350,000.00
Sub Totals							\$11,569,077.40
Traffic Signal Improvements							
2-C1	MOBILIZATION (MAX. 5% OF PART D)	LS	1.00			\$25,000.00	\$25,000.00
2-C2	DRILL SHAFT (TRF SIG POLE) (24 IN)	LF	12.00			\$150.00	\$1,800.00
2-C3	DRILL SHAFT (TRF SIG POLE) (36 IN)	LF	56.00			\$356.50	\$19,964.00
2-C4	CONDT (PVC) (SCHD 40) (2")	LF	500.00			\$13.80	\$6,900.00

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Item	Description	Unit	Quantity	ANDERSON COLUMBIA CO., INC.	Total	Mako Contracting	Total
2-C5	CONDT (PVC) (SCHD 40) (4")	LF	400.00			\$20.70	\$8,280.00
2-C6	CONDT (PVC) (SCHD 40) (2") (BORE)	LF	550.00			\$37.95	\$20,872.50
2-C7	CONDT (PVC) (SCHD 40) (4") (BORE)	LF	550.00			\$50.60	\$27,830.00
2-C8	2 CONDR (NO. 12) WITH GROUND (LUMINAIRE WIRE)	LF	950.00			\$1.73	\$1,643.50
2-C9	ELEC CONDR (NO. 6) BARE	LF	37.00			\$2.30	\$85.10
2-C10	ELEC CONDR (NO. 6) INSULATED	LF	74.00			\$2.53	\$187.22
2-C11	ELEC CONDR (NO. 8) BARE	LF	1,512.00			\$2.19	\$3,311.28
2-C12	TRAY CABLE (3 CONDR) (12 AWG)	LF	1,317.00			\$2.65	\$3,490.05
2-C13	TRAY CABLE (3 CONDR) (14 AWG)	LF	875.00			\$2.76	\$2,415.00
2-C14	GROUND BOX TY D WITH APRON	EA	10.00			\$1,437.50	\$14,375.00
2-C15	INSTALL HWY TRF SIG (ISOLATED)	EA	1.00			\$20,000.00	\$20,000.00
2-C16	TEMP TRAF SIGNALS	EA	1.00			\$40,250.00	\$40,250.00
2-C17	ELC SRV TY D 120/240 060 (NS)SS(E)PS(U)	EA	1.00			\$5,980.00	\$5,980.00
2-C18	ILSN (LED) 8S (DURALIGHT) (FIXED MOUNT)	EA	4.00			\$5,175.00	\$20,700.00
2-C19	REMOVING TRAFFIC SIGNALS	EA	1.00			\$2,875.00	\$2,875.00
2-C20	LOUVERED VACUUM FORMED ABS BACK PLATE (12")(3 SEC)	EA	8.00			\$218.50	\$1,748.00
2-C21	LOUVERED VACUUM FORMED ABS BACK PLATE (12")(4 SEC)	EA	4.00			\$258.75	\$1,035.00
2-C22	DURALIGHT COUNTDOWN PEDESTRIAN SIGNAL MODULE (16 INCH)	EA	2.00			\$690.00	\$1,380.00
2-C23	TRF SIG CBL (TY A) (12 AWG) (4 CONDR)	LF	294.00			\$1.73	\$508.62
2-C24	TRF SIG CBL (TY A) (14 AWG) (5 CONDR)	LF	327.00			\$2.07	\$676.89
2-C25	TRF SIG CBL (TY A) (14 AWG) (7 CONDR)	LF	237.00			\$2.53	\$599.61
2-C26	TRF SIG CBL (TY A) (14 AWG) (16 CONDR)	LF	698.00			\$4.14	\$2,889.72
2-C27	INS TRF SIG PL AM(S)1 ARM (36') LUM & ILSN	EA	2.00			\$21,505.00	\$43,010.00
2-C28	INS TRF SIG PL AM(S)1 ARM (44') LUM & ILSN	EA	2.00			\$24,035.00	\$48,070.00
2-C29	PED POLE ASSEMBLY	EA	8.00			\$1,357.00	\$10,856.00
2-C30	POLARA PUSH BUTTON (APS) W/R10-3E SIGN	EA	8.00			\$1,000.50	\$8,004.00
2-C31	PED DETECTOR CONTROLLER UNIT	EA	1.00			\$4,197.50	\$4,197.50

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Item	Description	Unit	Quantity	ANDERSON COLUMBIA CO., INC.	Total	Mako Contracting	Total
2-C32	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (GRN)	EA	8.00			\$345.00	\$2,760.00
2-C33	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (GRN ARW)	EA	4.00			\$345.00	\$1,380.00
2-C34	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (YEL)	EA	8.00			\$345.00	\$2,760.00
2-C35	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (YEL ARW)	EA	4.00			\$345.00	\$1,380.00
2-C36	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (RED)	EA	8.00			\$345.00	\$2,760.00
2-C37	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (RED ARW)	EA	4.00			\$345.00	\$1,380.00
2-C38	ALPHA FXM 2000 UNINTERRUPTIBLE POWER SUPPLY WITH CABINET	EA	1.00			\$9,085.00	\$9,085.00
2-C39	RADAR PRESENCE DETECTOR (WAVETRONIX)	EA	2.00			\$9,775.00	\$19,550.00
2-C40	RADAR PRESENCE DETECTOR COMM & POWER CABLE (SMARTSENSOR 6/C)	LF	782.00			\$2.88	\$2,252.16
2-C41	CAMERA PTZ (PELCO SPECTRA ENHANCED SERIES) WITH PELCO PA402 MOUNT	EA	1.00			\$5,175.00	\$5,175.00
2-C42	ETHERNET CABLE CAT5E FOR PTZ	LF	368.00			\$2.65	\$975.20
2-C43	ARC6 6-SENSOR CABINET INTERFACE DEVICE	EA	1.00			\$7,475.00	\$7,475.00
2-C44	DATA AGGREGATOR DA-400, POWER/COMM CABLE AND 5-BAND ANTENNA	EA	1.00			\$6,325.00	\$6,325.00
2-C45	MAST ARM DAMPING PLATE	EA	4.00			\$4,485.00	\$17,940.00
2-C46	CONTROLLER CABINET (TS-2) WITH EXTENSION	EA	1.00			\$21,275.00	\$21,275.00
2-C47	NEMA TYPE CONTROLLER FOUNDATION	EA	1.00			\$3,277.50	\$3,277.50
2-C48	CONTROLLER ECONOLITE COBALT	EA	1.00			\$4,887.50	\$4,887.50
2-C49	MMU2-16LEIP WITH ETHERNET PORT	EA	1.00			\$2,760.00	\$2,760.00
2-C50	CISCO ETHERNET 4000 SWITCH (IE-4000- 8GT8GP4G-E) AND POWER SUPPLY (PWR- IE170W-PC-AC=)	EA	1.00			\$10,292.50	\$10,292.50
2-C51	MIMOSA-B5 BACKHAUL RADIO	EA	1.00			\$6,325.00	\$6,325.00
2-C52	ALLOWANCE FOR UNANTICIPATED TRAFFIC SIGNAL IMPROVEMENTS	AL	1.00			\$30,000.00	\$30,000.00
Sub Totals							\$508,948.85

RFB 6838 Flour Bluff Drive - Yorktown Boulevard to Don Patricio Road
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Item	Description	Unit	Quantity	ANDERSON COLUMBIA CO., INC.	Total	Mako Contracting	Total
ADA Improvements							
2-D1	MOBILIZATION (5%)	LS	1.00			\$35,000.00	\$35,000.00
2-D2	CONCRETE SIDEWALKS	SF	24,750.00			\$8.00	\$198,000.00
2-D3	CONCRETE CURB RAMPS	SF	4,386.00			\$25.00	\$109,650.00
2-D4	CONCRETE MULTI-USE PATH	SF	102,000.00			\$7.85	\$800,700.00
2-D5	ALLOWANCE FOR UNANTICIPATED ADA IMPROVEMENTS	AL	1.00			\$10,000.00	\$10,000.00
Sub Totals							\$1,153,350.00

Storm Water Improvements							
2-E1	MOBILIZATION (5%)	LS	1.00			\$150,000.00	\$150,000.00
2-E2	CONCRETE CURB	LF	11,700.00			\$12.00	\$140,400.00
2-E3	CLEANING AND RESHAPING DITCHES	LF	13,758.00			\$8.00	\$110,064.00
2-E4	REMOVE EXISTING INLET OR MANHOLE	EA	10.00			\$621.50	\$6,215.00
2-E6	6' DIAMETER CONCRETE MANHOLE (TYPE-A)	EA	2.00			\$7,480.00	\$14,960.00
2-E7	7' DIAMETER CONCRETE MANHOLE (TYPE-A)	EA	2.00			\$10,120.00	\$20,240.00
2-E8	8' DIAMETER CONCRETE MANHOLE (TYPE-A)	EA	5.00			\$12,320.00	\$61,600.00
2-E9	REMOVE EXISTING REINFORCED CONCRETE PIPE (12" - 60")	LF	4,685.00			\$22.00	\$103,070.00
2-E10	5' CONCRETE CURB INLET	EA	48.00			\$7,040.00	\$337,920.00
2-E11	5' X 5' CONCRETE POST INLET	EA	7.00			\$6,050.00	\$42,350.00
2-E12	PRECAST SAFETY END TREATMENT	EA	34.00			\$5,280.00	\$179,520.00
2-E13	18" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	1,122.00			\$102.30	\$114,780.60
2-E14	24" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	1,471.00			\$118.80	\$174,754.80
2-E15	30" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	308.00			\$150.70	\$46,415.60
2-E16	36" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	1,310.00			\$199.10	\$260,821.00
2-E17	36" DIAMETER REINFORCED CONCRETE PIPE (CLASS IV)	LF	674.00			\$210.10	\$141,607.40
2-E18	42" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	1,499.00			\$247.50	\$371,002.50
2-E19	48" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	1,540.00			\$270.60	\$416,724.00
2-E20	4' X 3' CONCRETE BOX CULVERT (CLASS III)	LF	1,331.00			\$270.60	\$360,168.60

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Item	Description	Unit	Quantity	ANDERSON COLUMBIA CO., INC.	Total	Mako Contracting	Total
2-E21	4' X 4' CONCRETE BOX CULVERT (CLASS III)	LF	1,267.00			\$488.40	\$618,802.80
2-E22	TRENCH SAFETY (STORM WATER INLETS OR MANHOLES)	EA	63.00			\$302.50	\$19,057.50
2-E23	TRENCH SAFETY (STORM WATER LINE)	LF	10,460.00			\$3.30	\$34,518.00
2-E24	STORMWATER TIE-IN TO EXISTING STRUCTURE	EA	4.00			\$4,180.00	\$16,720.00
2-E25	CONTROL OF GROUNDWATER	LF	7,700.00			\$5.50	\$42,350.00
2-E26	ALLOWANCE FOR UNANTICIPATED STORM WATER IMPROVEMENTS	AL	1.00			\$250,000.00	\$250,000.00
Sub Totals							\$4,034,061.80

Water Improvements

2-F1	MOBILIZATION (5%)	LS	1.00			\$135,000.00	\$135,000.00
2-F2	6" DIP WATERLINE	LF	75.00			\$99.00	\$7,425.00
2-F3	8" DIP WATERLINE	LF	428.00			\$108.90	\$46,609.20
2-F4	12" DIP WATERLINE	LF	723.00			\$133.10	\$96,231.30
2-F5	16" DIP WATERLINE	LF	10.00			\$158.40	\$1,584.00
2-F6	18" DIP WATERLINE	LF	41.00			\$182.60	\$7,486.60
2-F7	24" DIP WATERLINE	LF	52.00			\$244.20	\$12,698.40
2-F8	30" DIP WATERLINE	LF	67.00			\$440.00	\$29,480.00
2-F9	6" PVC C900 WATERLINE	LF	39.00			\$63.80	\$2,488.20
2-F10	8" PVC C900 WATERLINE	LF	1,380.00			\$71.50	\$98,670.00
2-F11	10" PVC C900 WATERLINE	LF	121.00			\$82.50	\$9,982.50
2-F12	12" PVC C900 WATERLINE	LF	12,526.00			\$91.30	\$1,143,623.80
2-F13	18" PVC C900 WATERLINE	LF	31.00			\$152.90	\$4,739.90
2-F14	24" PVC C900 WATERLINE	LF	1,349.00			\$165.00	\$222,585.00
2-F15	8" 22.5 ° BEND DIMJ	EA	2.00			\$854.70	\$1,709.40
2-F16	16" 45° BEND DIMJ	EA	2.00			\$2,585.00	\$5,170.00
2-F17	18" 45° BEND DIMJ	EA	6.00			\$3,283.50	\$19,701.00
2-F18	24" 45° BEND DIMJ	EA	4.00			\$4,851.00	\$19,404.00
2-F19	30" 45° BEND DIMJ	EA	6.00			\$9,542.50	\$57,255.00
2-F20	6" 45° BEND DIMJ	EA	3.00			\$825.00	\$2,475.00
2-F21	8" 45° BEND DIMJ	EA	54.00			\$935.00	\$50,490.00
2-F22	12 "45° BEND DIMJ	EA	79.00			\$1,501.50	\$118,618.50
2-F23	18" X 18" DIMJ TEE	EA	1.00			\$5,461.50	\$5,461.50
2-F24	12" x 6" DIMJ TEE	EA	2.00			\$1,677.50	\$3,355.00
2-F25	12" X 8" DIMJ TEE	EA	11.00			\$2,035.00	\$22,385.00
2-F26	12" x 10" DIMJ TEE	EA	1.00			\$2,036.10	\$2,036.10
2-F27	12" x 12" DIMJ TEE	EA	2.00			\$2,117.50	\$4,235.00
2-F28	24" x 24" TEE W/ 16" REDUCER	EA	1.00			\$10,301.50	\$10,301.50
2-F29	24" x 24" DIMJ TEE	EA	1.00			\$7,001.50	\$7,001.50

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Item	Description	Unit	Quantity	ANDERSON COLUMBIA CO., INC.	Total	Mako Contracting	Total
2-F30	WATER CONNECTION (30 INCH)	EA	1.00			\$15,097.50	\$15,097.50
2-F31	8" GATE VALVE	EA	10.00			\$2,623.50	\$26,235.00
2-F32	10" GATE VALVE	EA	1.00			\$3,899.50	\$3,899.50
2-F33	12" GATE VALVE	EA	27.00			\$4,565.00	\$123,255.00
2-F35	24" BUTTERFLY VALVE	EA	2.00			\$15,400.00	\$30,800.00
2-F36	30" BUTTERFLY VALVE WITH 24" DIMJ REDUCER	EA	1.00			\$30,800.00	\$30,800.00
2-F37	24" BLOW OFF DRAIN W/ DRAIN MH	EA	2.00			\$33,550.00	\$67,100.00
2-F38	24" COMB VACUUM AIR RELEASE W SERVICE MH	EA	3.00			\$23,265.00	\$69,795.00
2-F39	12" COMB VACUUM AIR RELEASE W SERVICE MH	EA	13.00			\$28,105.00	\$365,365.00
2-F40	3/4" WATER SERVICE LINE W/ METER	EA	47.00			\$1,375.00	\$64,625.00
2-F41	TYPE 1 FIRE HYDRANT ASSEMBLY	EA	34.00			\$9,350.00	\$317,900.00
2-F42	TYPE 1 FIRE HYDRANT LONG	EA	20.00			\$12,100.00	\$242,000.00
2-F43	ACP HANDLING, REMOVAL, AND DISPOSAL	EA	3,578.00			\$22.00	\$78,716.00
2-F44	CONNECTION (6 INCH)	EA	5.00			\$3,613.50	\$18,067.50
2-F45	CONNECTION (8 INCH)	EA	13.00			\$3,410.00	\$44,330.00
2-F46	CONNECTION (12 INCH)	EA	4.00			\$5,329.50	\$21,318.00
2-F47	CONNECTION (16 INCH)	EA	1.00			\$3,850.00	\$3,850.00
2-F48	CONNECTION (18 INCH)	EA	1.00			\$4,620.00	\$4,620.00
2-F49	CONNECTION (24 INCH)	EA	2.00			\$6,050.00	\$12,100.00
2-F50	PIPE TRENCH SAFETY	LF	16,338.00			\$2.20	\$35,943.60
2-F51	CONTROL OF GROUNDWATER	LF	15,390.00			\$1.10	\$16,929.00
2-F52	STEEL CASING (14 INCHES)	LF	35.00			\$143.00	\$5,005.00
2-F53	STEEL CASING (36 INCHES)	LF	20.00			\$423.50	\$8,470.00
2-F54	8"x6" DIMJ REDUCER	EA	1.00			\$764.50	\$764.50
2-F55	REMOVE EXIST WATER VAULT	EA	1.00			\$4,180.00	\$4,180.00
2-F56	ALLOWANCE FOR UNANTICIPATED WATER IMPROVEMENTS	AL	1.00			\$250,000.00	\$250,000.00
Sub Totals							\$4,009,368.00
Waste Water Improvements							
2-G1	MOBILIZATION (5%)	LS	1.00			\$100,000.00	\$100,000.00
2-G2	REMOVE EXISTING WASTEWATER MANHOLE	EA	10.00			\$797.50	\$7,975.00
2-G3	4' DIAMETER WASTEWATER MANHOLE (6' DEPTH OR LESS)(FIBERGLASS)	EA	24.00			\$11,550.00	\$277,200.00
2-G4	EXTRA DEPTH FOR 4' DIAMETER WASTEWATER MANHOLE (OVER 6' DEPTH)(FIBERGLASS)	VF	202.00			\$880.00	\$177,760.00

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Item	Description	Unit	Quantity	ANDERSON COLUMBIA CO., INC.	Total	Mako Contracting	Total	
2-G5	ADJUST EXISTING WASTEWATER MANHOLE RIM TO GRADE	EA	12.00			\$2,640.00	\$31,680.00	
2-G6	6" SDR 26 PVC WASTEWATER MAIN	LF	53.00			\$90.20	\$4,780.60	
2-G7	8" SDR 26 PVC WASTEWATER MAIN	LF	1,366.00			\$111.10	\$151,762.60	
2-G8	18" SDR 26 PVC SANITARY SEWER	LF	2,450.00			\$159.50	\$390,775.00	
2-G9	14" DUCTILE IRON PIPE FOR FORCE MAIN	LF	3,026.00			\$189.20	\$572,519.20	
2-G10	24" SDR 26 PVC SANITARY SEWER	LF	700.00			\$200.20	\$140,140.00	
2-G11	TEMPORARY BY-PASS PUMPING	LS	1.00			\$121,000.00	\$121,000.00	
2-G12	TRENCH SAFETY (WASTEWATER MANHOLES)	EA	24.00			\$770.00	\$18,480.00	
2-G13	TRENCH SAFETY FOR SANITARY SEWER	LF	7,595.00			\$5.50	\$41,772.50	
2-G14	SERVICE CONNECTION AND CLEANOUT	EA	40.00			\$1,980.00	\$79,200.00	
2-G15	CONTROL OF GROUNDWATER	LF	4,500.00			\$39.60	\$178,200.00	
2-G16	ALLOWANCE FOR UNANTICIPATED WASTEWATER IMPROVEMENTS	AL	1.00			\$150,000.00	\$150,000.00	
Sub Totals								\$2,443,244.90
Gas Improvements								
2-H1	MOBILIZATION (5%)	LS	1.00			\$10,000.00	\$10,000.00	
2-H2	EXCAVATION, BACKFILL, AND COMPACTION OF GAS LINE (4")	LF	13,274.00			\$14.00	\$185,836.00	
2-H3	EXCAVATION, BACKFILL, AND COMPACTION OF GAS LINE (8")	LF	4,533.00			\$16.00	\$72,528.00	
2-H4	ADJUST EXISTING GAS VALVE BOX TO FINISHED GRADE	EA	10.00			\$500.00	\$5,000.00	
2-H5	REMOVAL OF 8" STEEL GAS LINE	LF	7,504.00			\$20.00	\$150,080.00	
2-H6	ALLOWANCE FOR UNANTICIPATED GAS IMPROVEMENTS	AL	1.00			\$5,000.00	\$5,000.00	
Sub Totals								\$428,444.00
I.T. Improvements								
2-I1	MOBILIZATION (5%)	LS	1.00			\$7,500.00	\$7,500.00	
2-I2	2" PVC SCHEDULE 40 I.T. CONDUIT WITH PULL STRING AND MULE TAPE	LF	13,300.00			\$12.00	\$159,600.00	
2-I3	24"X36"X18" I.T. PULL BOX (INSTALLATION ONLY)	EA	19.00			\$1,200.00	\$22,800.00	
Sub Totals								\$189,900.00
Grand Total								\$26,482,389.15

RFB 6838 Flour Bluff Drive - Yorktown Boulevard to Don Patricio Road
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Item	Description	Unit	Quantity	Reytec Construction	Total	JE CONSTRUCTION SERVICES	Total
Base Bid 1 - HMAC					No Bid		
General							
1-A1	MOBLIZATION (MAX 5% OF PART A)	LS	1.00			\$107,703.00	\$107,703.00
1-A2	BONDS AND INSURANCE (AS REQUIRED)		1.00			\$193,444.00	\$193,444.00
		AL					
1-A3	STORM WATER POLLUTION PREVENTION PLAN	LS	1.00			\$2,200.00	\$2,200.00
1-A4	CLEAR RIGHT-OF-WAY	AC	27.00			\$2,660.00	\$71,820.00
1-A5	TCP MOBILIZATION/ADJUSMENTS	EA	1.00			\$96,880.00	\$96,880.00
1-A6	TCP TEMPORARY PAVEMENT	SY	4,382.00			\$96.00	\$420,672.00
1-A7	TCP ITEMS (BARRELS, CONES, ETC)	MONTH	36.00			\$10,367.00	\$373,212.00
1-A8	TCP LPCB TYPE 1 & 2 (FURN & INSTALL)	LF	6,850.00			\$44.00	\$301,400.00
1-A9	TCP LPCB TYPE 1 & 2 (MOVE & RESET)	LF	11,350.00			\$10.00	\$113,500.00
1-A10	TCP LPCB TYPE 1 & 2 (STCKPL)	LF	150.00			\$21.00	\$3,150.00
1-A11	TCP LPCB TYPE 1 & 2 (REMOVE)	LF	6,850.00			\$15.00	\$102,750.00
1-A12	WK ZN PAV MRK (REMOV)(W)(4")(SLD)	LF	59,020.00			\$1.00	\$59,020.00
1-A13	WK ZN PAV MRK (REMOV)(Y)(4")(SLD)	LF	31,740.00			\$1.00	\$31,740.00
1-A14	SILT FENCE FOR STORM WATER POLLUTION		28,364.00			\$6.00	\$170,184.00
		LF					
1-A15	BLOCK SODDING	SY	43,438.00			\$11.00	\$477,818.00
1-A16	ELECTRIC MESSAGE BOARDS	EA	8.00			\$20,900.00	\$167,200.00
1-A17	OZONE ACTION DAY	EA	10.00			\$2.00	\$20.00
1-A18	ALLOWANCE FOR UNATICIPATED GENERAL ITEMS	AL	1.00			\$100,000.00	\$100,000.00
Sub Totals							\$2,792,713.00
Street Improvements							
1-B1	MOBILIZATION (5%)	LS	1.00			\$363,318.00	\$363,318.00
1-B2	STREET EXCAVATION	SY	45,100.00			\$20.00	\$902,000.00
1-B3	TYPE D HOT-MIX ASPHALTIC CONCRETE PAVEMENT (1.5")(INCLUDES TACK COAT)		67,000.00			\$15.00	\$1,005,000.00
		SY					
1-B4	TYPE B HOT-MIX ASPHALTIC CONCRETE PAVEMENT (2.5")		67,000.00			\$19.00	\$1,273,000.00
		SY					
1-B5	PRIME COAT (MC-30)	GAL	10,050.00			\$7.00	\$70,350.00
1-B6	14" LIMESTONE BASE (TY A, GR. 1-2)	SY	75,800.00			\$48.00	\$3,638,400.00
1-B7	SELECT COMPACT FILL	CY	4,700.00			\$31.00	\$145,700.00
1-B8	12" CEMENT TREATED SUBGRADE	SY	75,800.00			\$16.00	\$1,212,800.00
1-B9	DRIVEWAYS (CONC)	SY	3,826.00			\$110.00	\$420,860.00

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Item	Description	Unit	Quantity	Reytec Construction	Total	JE CONSTRUCTION SERVICES	Total
1-B10	TYPE C HEAT APPLIED PREFAB PREFORMED THERMOPLASTIC PVMT MRK TYPE 1 (W) WORD	EA	11.00			\$290.00	\$3,190.00
1-B11	TYPE C HEAT APPLIED PREFAB PREFORMED THERMOPLASTIC PVMT MRK TYPE 1 (W) ARROW	EA	59.00			\$171.00	\$10,089.00
1-B12	TYPE C HEAT APPLIED PREFAB PREFORMED THERMOPLASTIC REFL. PVMT MRK TYPE 1 (W) (24") (SLD) (090 MIL)	LF	1,390.00			\$20.00	\$27,800.00
1-B13	TYPE C HEAT APPLIED PREFAB PERFORMED THERMOPLASTIC REFL. PVMT MRK TYPE 1 (W) (12") (SLD) (090 MIL)	LF	138.00			\$10.00	\$1,380.00
1-B14	REFL. PAVEMENT MARKING TYPE 1 (Y) (6")(SLD)(090 MIL)	LF	26,544.00			\$1.00	\$26,544.00
1-B15	REFL. PAVEMENT MARKING TYPE 1 (Y) (6")(BRK)(090 MIL)	LF	4,850.00			\$1.00	\$4,850.00
1-B16	REFL. PAVEMENT MARKING TYPE 1 (W) (6")(BRK)(090 MIL)	LF	3,120.00			\$1.00	\$3,120.00
1-B17	REFL. PAVEMENT MARKING TYPE 1 (W) (6")(SLD)(090 MIL)	LF	13,982.00			\$1.00	\$13,982.00
1-B18	REFL. PAVEMENT MARKING TYPE 1 (W) (8")(SLD)(090 MIL)	LF	2,033.00			\$2.00	\$4,066.00
1-B19	TY-II-A-A RAISED PAVEMENT MARKER (REFLECTORIZED)@20'	EA	408.00			\$9.00	\$3,672.00
1-B20	TY-II-A-A RAISED PAVEMENT MARKER (REFLECTORIZED)@40'	EA	480.00			\$9.00	\$4,320.00
1-B21	TY-II-C-R RAISED PAVEMENT MARKER (REFLECTORIZED)	EA	372.00			\$10.00	\$3,720.00
1-B22	REMOVE SM RD SN SUP& AM	EA	60.00			\$260.00	\$15,600.00
1-B23	IN SM RD SN SUP & AM TY 10BWG (1)SA(P)	EA	60.00			\$800.00	\$48,000.00
1-B24	ALLOWANCE FOR UNATICIPATED STREET IMPROVEMENTS	AL	1.00			\$350,000.00	\$350,000.00
Sub Totals							\$9,551,761.00
Traffic Signal Improvements							
1-C1	MOBILIZATION (MAX 5% OF PART D)	LS	1.00			\$20,510.00	\$20,510.00
1-C2	DRILL SHAFT (TRF SIG POLE) (24 IN)	LF	12.00			\$146.00	\$1,752.00
1-C3	DRILL SHAFT (TRF SIG POLE) (36 IN)	LF	56.00			\$360.00	\$20,160.00

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Item	Description	Unit	Quantity	Reytec Construction	Total	JE CONSTRUCTION SERVICES	Total
1-C4	CONDT (PVC) (SCHD 40) (2")	LF	500.00			\$14.00	\$7,000.00
1-C5	CONDT (PVC) (SCHD 40) (4")	LF	400.00			\$21.00	\$8,400.00
1-C6	CONDT (PVC) (SCHD 40) (2")(BORE)	LF	550.00			\$39.00	\$21,450.00
1-C7	CONDT (PVC) (SCHD 40) (4") (BORE)	LF	550.00			\$51.00	\$28,050.00
1-C8	2 CONDR (NO. 12) WITH GROUND (LUMINAIRE WIRE)	LF	950.00			\$2.00	\$1,900.00
1-C9	ELEC CONDR (NO. 6) BARE	LF	37.00			\$3.00	\$111.00
1-C10	ELEC CONDR (NO. 6) INSULATED	LF	74.00			\$3.00	\$222.00
1-C11	ELEC CONDR (NO. 8) BARE	LF	1,512.00			\$2.00	\$3,024.00
1-C12	TRAY CABLE (3 CONDR) (12 AWG)	LF	1,317.00			\$3.00	\$3,951.00
1-C13	TRAY CABLE (3 CONDR) (14 AWG)	LF	875.00			\$3.00	\$2,625.00
1-C14	GROUND BOX TY D WITH APRON	EA	10.00			\$1,450.00	\$14,500.00
1-C15	INSTALL HWY TRF SIG (ISOLATED)	EA	1.00			\$4,065.00	\$4,065.00
1-C16	TEMP TRAF SIGNALS	EA	1.00			\$40,632.00	\$40,632.00
1-C17	ELC SRV TY D 120/240 060 (NS)SS(E)PS(U)	EA	1.00			\$6,036.00	\$6,036.00
1-C18	ILSN (LED) 8S (DURALIGHT) (FIXED MOUNT)	EA	4.00			\$5,222.00	\$20,888.00
1-C19	REMOVING TRAFFIC SIGNALS	EA	1.00			\$2,902.00	\$2,902.00
1-C20	LOUVERED VACUUM FORMED ABS BACK PLATE (12")(3 SEC)	EA	8.00			\$221.00	\$1,768.00
1-C21	LOUVERED VACUUM FORMED ABS BACK PLATE (12")(4 SEC)	EA	4.00			\$260.00	\$1,040.00
1-C22	DURALIGHT COUNTDOWN PEDESTRIAN SIGNAL MODULE (16 INCH)	EA	2.00			\$700.00	\$1,400.00
1-C23	TRF SIG CBL (TY A) (12 AWG) (4 CONDR)	LF	294.00			\$2.00	\$588.00
1-C24	TRF SIG CBL (TY A) (14 AWG) (5 CONDR)	LF	327.00			\$3.00	\$981.00
1-C25	TRF SIG CBL (TY A) (14 AWG) (7 CONDR)	LF	237.00			\$2.00	\$474.00
1-C26	TRF SIG CBL (TY A) (14 AWG) (16 CONDR)	LF	698.00			\$4.00	\$2,792.00
1-C27	INS TRF SIG PL AM(S)1 ARM (36') LUM & ILSN	EA	2.00			\$21,790.00	\$43,580.00
1-C28	INS TRF SIG PL AM(S)1 ARM (44') LUM & ILSN	EA	2.00			\$24,260.00	\$48,520.00
1-C29	PED POLE ASSEMBLY	EA	8.00			\$1,370.00	\$10,960.00
1-C30	POLARA PUSH BUTTON (APS) W/R10-3E SIGN	EA	8.00			\$1,010.00	\$8,080.00

RFB 6838 Flour Bluff Drive - Yorktown Boulevard to Don Patricio Road
 ID: RFB 6838 , Project No. 23161

Item	Description	Unit	Quantity	Reytec Construction	Total	JE CONSTRUCTION SERVICES	Total
1-C31	PED DETECTOR CONTROLLER UNIT	EA	1.00			\$4,237.00	\$4,237.00
1-C32	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (GRN)	EA	8.00			\$350.00	\$2,800.00
1-C33	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (GRN ARW)	EA	4.00			\$350.00	\$1,400.00
1-C34	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (YEL)	EA	8.00			\$350.00	\$2,800.00
1-C35	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (YEL ARW)	EA	4.00			\$350.00	\$1,400.00
1-C36	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (RED)	EA	8.00			\$350.00	\$2,800.00
1-C37	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (RED ARW)	EA	4.00			\$350.00	\$1,400.00
1-C38	ALPHA FXM 2000 UNINTERRUPTIBLE POWER SUPPLY WITH CABINET	EA	1.00			\$9,175.00	\$9,175.00
1-C39	RADAR PRESENCE DETECTOR (WAVETRONIX)	EA	2.00			\$9,867.00	\$19,734.00
1-C40	RADAR PRESENCE DETECTOR COMM & POWER CABLE (SMARTSENSOR 6/C)	LF	782.00			\$3.00	\$2,346.00
1-C41	CAMERA PTZ (PELCO SPECTRA ENHANCED SERIES) WITH PELCO PA402 MOUNT	EA	1.00			\$5,222.00	\$5,222.00
1-C42	ETHERNET CABLE CAT5E FOR PTZ	LF	368.00			\$3.00	\$1,104.00
1-C43	ARC6 6-SENSOR CABINET INTERFACE DEVICE	EA	1.00			\$7,550.00	\$7,550.00
1-C44	DATA AGGREGATOR DA-400, POWER/COMM CABLE AND 5-BAND ANTENNA	EA	1.00			\$6,385.00	\$6,385.00
1-C45	MAST ARM DAMPING PLATE	EA	4.00			\$4,527.00	\$18,108.00
1-C46	CONTROLLER CABINET (TS-2) WITH EXTENSION	EA	1.00			\$21,477.00	\$21,477.00
1-C47	NEMA TYPE CONTROLLER FOUNDATION	EA	1.00			\$3,310.00	\$3,310.00
1-C48	CONTROLLER ECONOLITE COBALT	EA	1.00			\$5,000.00	\$5,000.00
1-C49	MMU2-16LEIP WITH ETHERNET PORT	EA	1.00			\$2,800.00	\$2,800.00
1-C50	CISCO ETHERNET 4000 SWITCH (IE-4000-8GT8GP4G-E) AND POWER SUPPLY (PWR-IE170W-PC-AC=)	EA	1.00			\$10,390.00	\$10,390.00
1-C51	MIMOSA-B5 BACKHAUL RADIO	EA	1.00			\$6,400.00	\$6,400.00
1-C52	ALLOWANCE FOR UNANTICIPATED TRAFFIC SIGNAL IMPROVEMENTS	AL	1.00			\$30,000.00	\$30,000.00

RFB 6838 Flour Bluff Drive - Yorktown Boulevard to Don Patricio Road
 ID: RFB 6838 , Project No. 23161

Item	Description	Unit	Quantity	Reytec Construction	Total	JE CONSTRUCTION SERVICES	Total
Sub Totals							\$494,199.00

ADA Improvements

1-D1	MOBILIZATION (5%)	LS	1.00			\$43,460.00	\$43,460.00
1-D2	CONCRETE SIDEWALKS	SF	24,750.00			\$8.00	\$198,000.00
1-D3	CONCRETE CURB RAMPS	SF	4,386.00			\$29.00	\$127,194.00
1-D4	CONCRETE MULTI-USE PATH	SF	102,000.00			\$7.00	\$714,000.00
1-D5	ALLOWANCE FOR UNANTICIPATED ADA IMPROVEMENTS	AL	1.00			\$10,000.00	\$10,000.00
Sub Totals							\$1,092,654.00

Storm Water Improvements

1-E1	MOBILIZATION (5%)	LS	1.00			\$259,623.00	\$259,623.00
1-E2	CONCRETE CURB & GUTTER	LF	11,700.00			\$24.00	\$280,800.00
1-E3	CLEANING AND RESHAPING DITCHES	LF	13,758.00			\$10.00	\$137,580.00
1-E4	REMOVE EXISTING INLET OR MANHOLE	EA	10.00			\$1,400.00	\$14,000.00
1-E6	6' DIAMETER CONCRETE MANHOLE (TYPE-A)	EA	2.00			\$14,000.00	\$28,000.00
1-E7	7' DIAMETER CONCRETE MANHOLE (TYPE-A)	EA	2.00			\$17,500.00	\$35,000.00
1-E8	8' DIAMETER CONCRETE MANHOLE (TYPE-A)	EA	5.00			\$18,750.00	\$93,750.00
1-E9	REMOVE EXISTING REINFORCED CONCRETE PIPE (12" - 60")	EA	4,685.00			\$35.00	\$163,975.00
1-E10	5' CONCRETE CURB INLET (CAST IN PLACE)	EA	48.00			\$7,200.00	\$345,600.00
1-E11	5' X 5' CONCRETE POST INLET	EA	7.00			\$7,400.00	\$51,800.00
1-E12	PRECAST SAFETY END TREATMENT	EA	34.00			\$6,800.00	\$231,200.00
1-E13	18" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	1,122.00			\$221.00	\$247,962.00
1-E14	24" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	1,471.00			\$259.00	\$380,989.00
1-E15	30" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	308.00			\$315.00	\$97,020.00
1-E16	36" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	1,310.00			\$360.00	\$471,600.00
1-E17	36" DIAMETER REINFORCED CONCRETE PIPE (CLASS IV)	LF	674.00			\$473.00	\$318,802.00
1-E18	42" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	1,499.00			\$426.00	\$638,574.00

RFB 6838 Flour Bluff Drive - Yorktown Boulevard to Don Patricio Road
 ID: RFB 6838 , Project No. 23161

Item	Description	Unit	Quantity	Reytec Construction	Total	JE CONSTRUCTION SERVICES	Total
1-E19	48" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	1,540.00			\$490.00	\$754,600.00
1-E20	4' X 3' CONCRETE BOX CULVERT (CLASS III)	LF	1,331.00			\$620.00	\$825,220.00
1-E21	4' X 4' CONCRETE BOX CULVERT (CLASS III)	LF	1,267.00			\$645.00	\$817,215.00
1-E22	TRENCH SAFETY (STORM WATER INLETS OR MANHOLES)	EA	63.00			\$420.00	\$26,460.00
1-E23	TRENCH SAFETY (STORM WATER LINE)	LF	10,460.00			\$7.00	\$73,220.00
1-E24	STORMWATER TIE-IN TO EXISTING STRUCTURE	EA	4.00			\$2,100.00	\$8,400.00
1-E25	CONTROL OF GROUNDWATER	LF	7,700.00			\$35.00	\$269,500.00
1-E26	ALLOWANCE FOR UNANTICIPATED STORM WATER IMPROVEMENTS	AL	1.00			\$250,000.00	\$250,000.00
Sub Totals							\$6,820,890.00

Water Improvements

1-F1	MOBILIZATION (5%)	LS	1.00			\$237,348.00	\$237,348.00
1-F2	6" DIP WATERLINE	LF	75.00			\$155.00	\$11,625.00
1-F3	8" DIP WATERLINE	LF	428.00			\$198.00	\$84,744.00
1-F4	12" DIP WATERLINE	LF	723.00			\$270.00	\$195,210.00
1-F5	16" DIP WATERLINE	LF	10.00			\$444.00	\$4,440.00
1-F6	18" DIP WATERLINE	LF	41.00			\$450.00	\$18,450.00
1-F7	24" DIP WATERLINE	LF	52.00			\$552.00	\$28,704.00
1-F8	30" DIP WATERLINE	LF	67.00			\$667.00	\$44,689.00
1-F9	6" PVC C900 WATERLINE	LF	39.00			\$126.00	\$4,914.00
1-F10	8" PVC C900 WATERLINE	LF	1,380.00			\$137.00	\$189,060.00
1-F11	10" PVC C900 WATERLINE	LF	121.00			\$141.00	\$17,061.00
1-F12	12" PVC C900 WATERLINE	LF	12,526.00			\$155.00	\$1,941,530.00
1-F13	18" PVC C900 WATERLINE	LF	31.00			\$232.00	\$7,192.00
1-F14	24" PVC C900 WATERLINE	LF	1,349.00			\$270.00	\$364,230.00
1-F15	8" 22.5 ° BEND DIMJ	EA	2.00			\$710.00	\$1,420.00
1-F16	16" 45° BEND DIMJ	EA	2.00			\$2,222.00	\$4,444.00
1-F17	18" 45° BEND DIMJ	EA	6.00			\$3,250.00	\$19,500.00
1-F18	24" 45° BEND DIMJ	EA	4.00			\$4,960.00	\$19,840.00
1-F19	30" 45° BEND DIMJ	EA	6.00			\$10,088.00	\$60,528.00
1-F20	6" 45° BEND DIMJ	EA	3.00			\$555.00	\$1,665.00
1-F21	8" 45° BEND DIMJ	EA	54.00			\$689.00	\$37,206.00
1-F22	12 "45° BEND DIMJ	EA	79.00			\$1,380.00	\$109,020.00
1-F23	18" X 18" DIMJ TEE	EA	1.00			\$5,600.00	\$5,600.00
1-F24	12" x 6" DIMJ TEE	EA	2.00			\$1,600.00	\$3,200.00

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Item	Description	Unit	Quantity	Reytec Construction	Total	JE CONSTRUCTION SERVICES	Total
1-F25	12" X 8" DIMJ TEE	EA	11.00			\$1,830.00	\$20,130.00
1-F26	12" x 10" DIMJ TEE	EA	1.00			\$2,060.00	\$2,060.00
1-F27	12" x 12" DIMJ TEE	EA	2.00			\$1,999.00	\$3,998.00
1-F28	24" x 24" TEE W/ 16" REDUCER	EA	1.00			\$11,383.00	\$11,383.00
1-F29	24" x 24" DIMJ TEE	EA	1.00			\$7,834.00	\$7,834.00
1-F30	WATER CONNECTION (30 INCH)	EA	1.00			\$22,222.00	\$22,222.00
1-F31	8" GATE VALVE	EA	10.00			\$2,655.00	\$26,550.00
1-F32	10" GATE VALVE	EA	1.00			\$4,100.00	\$4,100.00
1-F33	12" GATE VALVE	EA	27.00			\$5,100.00	\$137,700.00
1-F35	24" BUTTERFLY VALVE	EA	2.00			\$21,000.00	\$42,000.00
1-F36	30" BUTTERFLY VALVE WITH 24" DIMJ REDUCER	EA	1.00			\$40,000.00	\$40,000.00
1-F37	24" BLOW OFF DRAIN W/ DRAIN MH	EA	2.00			\$47,000.00	\$94,000.00
1-F38	24" COMB VACUUM AIR RELEASE W SERVICE MH	EA	3.00			\$22,222.00	\$66,666.00
1-F39	12" COMB VACUUM AIR RELEASE W SERVICE MH	EA	13.00			\$21,000.00	\$273,000.00
1-F40	3/4" WATER SERVICE LINE W/ METER	EA	47.00			\$1,999.00	\$93,953.00
1-F41	TYPE 1 FIRE HYDRANT ASSEMBLY	EA	34.00			\$12,050.00	\$409,700.00
1-F42	TYPE 1 FIRE HYDRANT LONG	EA	20.00			\$14,000.00	\$280,000.00
1-F43	ACP HANDLING, REMOVAL, AND DISPOSAL	LF	3,578.00			\$21.00	\$75,138.00
1-F44	CONNECTION (6 INCH)	EA	5.00			\$3,800.00	\$19,000.00
1-F45	CONNECTION (8 INCH)	EA	13.00			\$4,200.00	\$54,600.00
1-F46	CONNECTION (12 INCH)	EA	4.00			\$7,800.00	\$31,200.00
1-F47	CONNECTION (16 INCH)	EA	1.00			\$9,700.00	\$9,700.00
1-F48	CONNECTION (18 INCH)	EA	1.00			\$13,720.00	\$13,720.00
1-F49	CONNECTION (24 INCH)	EA	2.00			\$15,000.00	\$30,000.00
1-F50	PIPE TRENCH SAFETY	LF	16,338.00			\$5.00	\$81,690.00
1-F51	CONTROL OF GROUNDWATER	LF	15,390.00			\$35.00	\$538,650.00
1-F52	STEEL CASING (14 INCHES)	LF	35.00			\$640.00	\$22,400.00
1-F53	STEEL CASING (36 INCHES)	LF	20.00			\$990.00	\$19,800.00
1-F54	8"x6" DIMJ REDUCER	EA	1.00			\$650.00	\$650.00
1-F55	REMOVE EXIST WATER VAULT	EA	1.00			\$4,200.00	\$4,200.00
1-F56	ALLOWANCE FOR UNANTICIPATED WATER IMPROVEMENTS	AL	1.00			\$250,000.00	\$250,000.00
Sub Totals							\$6,097,664.00
Waste Water Improvements							
1-G1	MOBILIZATION (5%)	LS	1.00			\$188,520.00	\$188,520.00

RFB 6838 Flour Bluff Drive - Yorktown Boulevard to Don Patricio Road
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Item	Description	Unit	Quantity	Reytec Construction	Total	JE CONSTRUCTION SERVICES	Total
1-G2	REMOVE EXISTING WASTEWATER MANHOLE	EA	10.00			\$4,000.00	\$40,000.00
1-G3	4' DIAMETER WASTEWATER MANHOLE (OVER 6' IN DEPTH) (FIBERGLASS)	EA	24.00			\$14,000.00	\$336,000.00
1-G4	EXTRA DEPTH FOR 4' DIAMETER WASTEWATER MANHOLE (OVER 6' DEPTH)(FIBERGLASS)	VF	202.00			\$1,200.00	\$242,400.00
1-G5	ADJUST EXISTING WASTEWATER MANHOLE RIM TO GRADE	EA	12.00			\$3,000.00	\$36,000.00
1-G6	6" SDR 26 PVC WASTEWATER MAIN	LF	53.00			\$140.00	\$7,420.00
1-G7	8" SDR 26 PVC WASTEWATER MAIN	LF	1,366.00			\$160.00	\$218,560.00
1-G8	18" SDR 26 PVC SANITARY SEWER	LF	2,450.00			\$550.00	\$1,347,500.00
1-G9	14" DUCTILE IRON PIPE FOR FORCE MAIN	LF	3,026.00			\$390.00	\$1,180,140.00
1-G10	24" SDR 26 PVC SANITARY SEWER	LF	700.00			\$650.00	\$455,000.00
1-G11	TEMPORARY BY-PASS PUMPING	LS	1.00			\$276,350.00	\$276,350.00
1-G12	TRENCH SAFETY (WASTEWATER MANHOLES)	EA	12.00			\$1,200.00	\$14,400.00
1-G13	TRENCH SAFETY FOR SANITARY SEWER	LF	7,595.00			\$9.00	\$68,355.00
1-G14	SERVICE CONNECTION AND CLEANOUT	EA	40.00			\$3,050.00	\$122,000.00
1-G15	CONTROL OF GROUNDWATER	LF	4,500.00			\$40.00	\$180,000.00
1-G16	ALLOWANCE FOR UNANTICIPATED WASTEWATER IMPROVEMENTS	AL	1.00			\$150,000.00	\$150,000.00
Sub Totals							\$4,862,645.00

Gas Improvements

1-H1	MOBILIZATION (5%)	LS	1.00			\$21,641.00	\$21,641.00
1-H2	EXCAVATION, BACKFILL, AND COMPACTION OF GAS LINE (4")	LF	13,274.00			\$20.00	\$265,480.00
1-H3	EXCAVATION, BACKFILL, AND COMPACTION OF GAS LINE (8")	LF	4,533.00			\$22.00	\$99,726.00
1-H4	ADJUST EXISTING GAS VALVE BOX TO FINISHED GRADE	EA	10.00			\$2,500.00	\$25,000.00
1-H5	REMOVAL OF 8" STEEL GAS LINE	LF	7,504.00			\$23.00	\$172,592.00
1-H6	ALLOWANCE FOR UNANTICIPATED GAS IMPROVEMENTS	AL	1.00			\$5,000.00	\$5,000.00
Sub Totals							\$589,439.00

IT. Improvements

RFB 6838 Flour Bluff Drive - Yorktown Boulevard to Don Patricio Road
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Item	Description	Unit	Quantity	Reytec Construction	Total	JE CONSTRUCTION SERVICES	Total
1-I1	MOBILIZATION (5%)	LS	1.00			\$7,810.00	\$7,810.00
1-I2	2" PVC SCHEDULE 40 I.T. CONDUIT WITH PULL STRING AND MULE TAPE	LF	13,300.00			\$12.00	\$159,600.00
1-I3	24"X36"X18" I.T. PULL BOX (INSTALLATION ONLY)	EA	19.00			\$1,200.00	\$22,800.00
Sub Totals							\$190,210.00

Grand Total \$32,492,175.00

Base Bid 2 - Concrete

General

1-A1	MOBLIZATION (MAX 5% OF PART A)	LS	1.00	70000	\$70,000.00	\$107,703.00	\$107,703.00
1-A2	BONDS AND INSURANCE (AS REQUIRED)	AL	1.00	215000	\$215,000.00	\$193,444.00	\$193,444.00
1-A3	STORM WATER POLLUTION PREVENTION PLAN	LS	1.00	90000	\$90,000.00	\$2,200.00	\$2,200.00
1-A4	CLEAR RIGHT-OF-WAY	AC	27.00	8800	\$237,600.00	\$2,660.00	\$71,820.00
1-A5	TCP MOBILIZATION/ADJUSMENTS	EA	1.00	21000	\$21,000.00	\$96,880.00	\$96,880.00
1-A6	TCP TEMPORARY PAVEMENT	SY	4,382.00	60	\$262,920.00	\$96.00	\$420,672.00
1-A7	TCP ITEMS (BARRELS, CONES, ETC)	MONTH	36.00	10000	\$360,000.00	\$10,367.00	\$373,212.00
1-A8	TCP LPCB TYPE 1 & 2 (FURN & INSTALL)	LF	6,850.00	25	\$171,250.00	\$44.00	\$301,400.00
1-A9	TCP LPCB TYPE 1 & 2 (MOVE & RESET)	LF	11,350.00	5	\$56,750.00	\$10.00	\$113,500.00
1-A10	TCP LPCB TYPE 1 & 2 (STCKPL)	LF	150.00	5	\$750.00	\$21.00	\$3,150.00
1-A11	TCP LPCB TYPE 1 & 2 (REMOVE)	LF	6,850.00	5	\$34,250.00	\$15.00	\$102,750.00
1-A12	SILT FENCE FOR STORM WATER POLLUTION	LF	28,364.00	5	\$141,820.00	\$6.00	\$170,184.00
1-A13	BLOCK SODDING	SY	43,438.00	4.25	\$184,611.50	\$11.00	\$477,818.00
1-A14	WK ZN PAV MRK (REMOV)(W)(4")(SLD)	LF	59,020.00	0.5	\$29,510.00	\$1.00	\$59,020.00
1-A15	WK ZN PAV MRK (REMOV)(Y)(4")(SLD)	LF	31,740.00	0.5	\$15,870.00	\$1.00	\$31,740.00
1-A16	ELECTRIC MESSAGE BOARDS	EA	8.00	3200	\$25,600.00	\$20,900.00	\$167,200.00
1-A17	OZONE ACTION DAY	EA	10.00	1	\$10.00	\$2.00	\$20.00
1-A18	ALLOWANCE FOR UNATICIPATED GENERAL ITEMS	AL	1.00	100000	\$100,000.00	\$100,000.00	\$100,000.00
Sub Totals					2016941.5	\$2,792,713.00	

Street Improvements

2-B1	MOBILIZATION (5%)	LS	1.00	500000	\$500,000.00	\$452,617.00	\$452,617.00
2-B2	STREET EXCAVATION	SY	45,100.00	22	\$992,200.00	\$18.00	\$811,800.00
2-B3	REINFORCED CONCRETE PAVEMENT (8.5 IN)	SY	69,700.00	80	\$5,576,000.00	\$90.00	\$6,273,000.00

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Item	Description	Unit	Quantity	Reytec Construction	Total	JE CONSTRUCTION SERVICES	Total
2-B4	TYPE D HOT-MIX ASPHALTIC CONCRETE PAVEMENT (1")	SY	69,700.00	10	\$697,000.00	\$10.00	\$697,000.00
2-B5	6" CEMENT TREATED BASE (TY A, GR. 1-2)	SY	71,500.00	24	\$1,716,000.00	\$24.00	\$1,716,000.00
2-B6	10" CEMENT TREATED SUBGRADE	SY	71,500.00	21	\$1,501,500.00	\$13.00	\$929,500.00
2-B7	SELECT COMPACTED FILL	CY	4,700.00	24	\$112,800.00	\$31.00	\$145,700.00
2-B8	DRIVEWAYS (CONC)	SY	3,826.00	104	\$397,904.00	\$112.00	\$428,512.00
2-B9	TYPE C HEAT APPLIED PREFAB PREFORMED THERMOPLASTIC PVMT MRK TYPE 1 (W) (WORD)	EA	11.00	300	\$3,300.00	\$290.00	\$3,190.00
2-B10	TYPE C HEAT APPLIED PREFAB PREFORMED THERMOPLASTIC PVMT MRK TYPE 1 (W) (ARROW)	EA	59.00	200	\$11,800.00	\$171.00	\$10,089.00
2-B11	TYPE C HEAT APPLIED PREFAB PERFORMED THERMOPLASTIC REFL PVMT MRK TYPE 1 (W) (24") (SLD) (090 MIL)(W/ CONTRAST)	LF	1,390.00	20	\$27,800.00	\$20.00	\$27,800.00
2-B12	TYPE C HEAT APPLIED PREFAB PERFORMED THERMOPLASTIC REFL PVMT MRK TYPE 1 (W) (12") (SLD) (090 MIL)(W/ CONTRAST)	LF	138.00	12	\$1,656.00	\$10.00	\$1,380.00
2-B13	REFL. PAVEMENT MARKING TYPE 1 (Y)(6")(SLD)(090 MIL)(W/ CONTRAST)	LF	26,544.00	2.25	\$59,724.00	\$1.00	\$26,544.00
2-B14	REFL. PAVEMENT MARKING TYPE 1 (Y)(6")(BRK)(090 MIL)(W/ CONTRAST)	LF	4,850.00	3	\$14,550.00	\$1.00	\$4,850.00
2-B15	REFL. PAVEMENT MARKING TYPE 1 (W)(6")(BRK)(090 MIL)(W/ CONTRAST)	LF	3,120.00	3	\$9,360.00	\$1.00	\$3,120.00
2-B16	REFL. PAVEMENT MARKING TYPE 1 (W)(6")(SLD)(090 MIL)(W/ CONTRAST)	LF	13,982.00	2.25	\$31,459.50	\$1.00	\$13,982.00
2-B17	REFL. PAVEMENT MARKING TYPE 1 (W)(8")(SLD)(090 MIL)	LF	2,033.00	5	\$10,165.00	\$2.00	\$4,066.00
2-B18	TY-II-A-A RAISED PAVEMENT MARKER (REFLECTORIZED)@20'	EA	408.00	10	\$4,080.00	\$9.00	\$3,672.00
2-B19	TY-II-A-A RAISED PAVEMENT MARKER (REFLECTORIZED)@40'	EA	480.00	10	\$4,800.00	\$10.00	\$4,800.00
2-B20	TY-II-C-R RAISED PAVEMENT MARKER (REFLECTORIZED)	EA	372.00	10	\$3,720.00	\$9.00	\$3,348.00
2-B21	REMOVE SM RD SN SUP & AM	EA	60.00	15	\$900.00	\$260.00	\$15,600.00
2-B22	IN SM RD SN SUP & AM TY 10BWG (1)SA(P)	EA	60.00	15	\$900.00	\$800.00	\$48,000.00

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Item	Description	Unit	Quantity	Reytec Construction	Total	JE CONSTRUCTION SERVICES	Total
2-B23	ALLOWANCE FOR UNANTICIPATED STREET IMPROVEMENTS	AL	1.00	350000	\$350,000.00	\$350,000.00	\$350,000.00
Sub Totals					12027618.5		\$11,974,570.00
Traffic Signal Improvements							
2-C1	MOBILIZATION (MAX. 5% OF PART D)	LS	1.00	25000	\$25,000.00	\$20,509.00	\$20,509.00
2-C2	DRILL SHAFT (TRF SIG POLE) (24 IN)	LF	12.00	350	\$4,200.00	\$146.00	\$1,752.00
2-C3	DRILL SHAFT (TRF SIG POLE) (36 IN)	LF	56.00	545	\$30,520.00	\$360.00	\$20,160.00
2-C4	CONDT (PVC) (SCHD 40) (2")	LF	500.00	20	\$10,000.00	\$14.00	\$7,000.00
2-C5	CONDT (PVC) (SCHD 40) (4")	LF	400.00	26	\$10,400.00	\$21.00	\$8,400.00
2-C6	CONDT (PVC) (SCHD 40) (2") (BORE)	LF	550.00	42	\$23,100.00	\$39.00	\$21,450.00
2-C7	CONDT (PVC) (SCHD 40) (4") (BORE)	LF	550.00	54	\$29,700.00	\$51.00	\$28,050.00
2-C8	2 CONDR (NO. 12) WITH GROUND (LUMINAIRE WIRE)	LF	950.00	4.6	\$4,370.00	\$2.00	\$1,900.00
2-C9	ELEC CONDR (NO. 6) BARE	LF	37.00	5.2	\$192.40	\$3.00	\$111.00
2-C10	ELEC CONDR (NO. 6) INSULATED	LF	74.00	5.4	\$399.60	\$3.00	\$222.00
2-C11	ELEC CONDR (NO. 8) BARE	LF	1,512.00	5.1	\$7,711.20	\$2.00	\$3,024.00
2-C12	TRAY CABLE (3 CONDR) (12 AWG)	LF	1,317.00	5.5	\$7,243.50	\$3.00	\$3,951.00
2-C13	TRAY CABLE (3 CONDR) (14 AWG)	LF	875.00	5.6	\$4,900.00	\$3.00	\$2,625.00
2-C14	GROUND BOX TY D WITH APRON	EA	10.00	1325	\$13,250.00	\$1,450.00	\$14,500.00
2-C15	INSTALL HWY TRF SIG (ISOLATED)	EA	1.00	18500	\$18,500.00	\$4,065.00	\$4,065.00
2-C16	TEMP TRAF SIGNALS	EA	1.00	45000	\$45,000.00	\$40,632.00	\$40,632.00
2-C17	ELC SRV TY D 120/240 060 (NS)SS(E)PS(U)	EA	1.00	5500	\$5,500.00	\$6,036.00	\$6,036.00
2-C18	ILSN (LED) 8S (DURALIGHT) (FIXED MOUNT)	EA	4.00	4800	\$19,200.00	\$5,222.00	\$20,888.00
2-C19	REMOVING TRAFFIC SIGNALS	EA	1.00	2650	\$2,650.00	\$2,902.00	\$2,902.00
2-C20	LOUVERED VACUUM FORMED ABS BACK PLATE (12")(3 SEC)	EA	8.00	200	\$1,600.00	\$221.00	\$1,768.00
2-C21	LOUVERED VACUUM FORMED ABS BACK PLATE (12")(4 SEC)	EA	4.00	230	\$920.00	\$260.00	\$1,040.00
2-C22	DURALIGHT COUNTDOWN PEDESTRIAN SIGNAL MODULE (16 INCH)	EA	2.00	636	\$1,272.00	\$700.00	\$1,400.00
2-C23	TRF SIG CBL (TY A) (12 AWG) (4 CONDR)	LF	294.00	1.6	\$470.40	\$2.00	\$588.00
2-C24	TRF SIG CBL (TY A) (14 AWG) (5 CONDR)	LF	327.00	1.9	\$621.30	\$3.00	\$981.00
2-C25	TRF SIG CBL (TY A) (14 AWG) (7 CONDR)	LF	237.00	2.3	\$545.10	\$2.00	\$474.00

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Item	Description	Unit	Quantity	Reytec Construction	Total	JE CONSTRUCTION SERVICES	Total
2-C26	TRF SIG CBL (TY A) (14 AWG) (16 CONDR)		698.00		\$2,652.40	\$4.00	\$2,792.00
		LF		3.8			
2-C27	INS TRF SIG PL AM(S)1 ARM (36') LUM & ILSN		2.00		\$39,600.00	\$21,790.00	\$43,580.00
		EA		19800			
2-C28	INS TRF SIG PL AM(S)1 ARM (44') LUM & ILSN		2.00		\$44,200.00	\$24,260.00	\$48,520.00
		EA		22100			
2-C29	PED POLE ASSEMBLY	EA	8.00	1250	\$10,000.00	\$1,370.00	\$10,960.00
2-C30	POLARA PUSH BUTTON (APS) W/R10-3E SIGN	EA	8.00	920	\$7,360.00	\$1,010.00	\$8,080.00
2-C31	PED DETECTOR CONTROLLER UNIT	EA	1.00	3900	\$3,900.00	\$4,237.00	\$4,237.00
2-C32	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (GRN)	EA	8.00	320	\$2,560.00	\$350.00	\$2,800.00
2-C33	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (GRN ARW)	EA	4.00	320	\$1,280.00	\$350.00	\$1,400.00
2-C34	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (YEL)	EA	8.00	320	\$2,560.00	\$350.00	\$2,800.00
2-C35	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (YEL ARW)	EA	4.00	320	\$1,280.00	\$350.00	\$1,400.00
2-C36	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (RED)	EA	8.00	320	\$2,560.00	\$350.00	\$2,800.00
2-C37	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (RED ARW)	EA	4.00	320	\$1,280.00	\$350.00	\$1,400.00
2-C38	ALPHA FXM 2000 UNINTERRUPTIBLE POWER SUPPLY WITH CABINET	EA	1.00	8400	\$8,400.00	\$9,175.00	\$9,175.00
2-C39	RADAR PRESENCE DETECTOR (WAVETRONIX)	EA	2.00	9000	\$18,000.00	\$9,867.00	\$19,734.00
2-C40	RADAR PRESENCE DETECTOR COMM & POWER CABLE (SMARTSENSOR 6/C)	LF	782.00	2.7	\$2,111.40	\$3.00	\$2,346.00
2-C41	CAMERA PTZ (PELCO SPECTRA ENHANCED SERIES) WITH PELCO PA402 MOUNT	EA	1.00	4800	\$4,800.00	\$5,222.00	\$5,222.00
2-C42	ETHERNET CABLE CAT5E FOR PTZ	LF	368.00	2.5	\$920.00	\$3.00	\$1,104.00
2-C43	ARC6 6-SENSOR CABINET INTERFACE DEVICE	EA	1.00	6900	\$6,900.00	\$7,550.00	\$7,550.00
2-C44	DATA AGGREGATOR DA-400, POWER/COMM CABLE AND 5-BAND ANTENNA	EA	1.00	5600	\$5,600.00	\$6,385.00	\$6,385.00
2-C45	MAST ARM DAMPING PLATE	EA	4.00	4100	\$16,400.00	\$4,527.00	\$18,108.00
2-C46	CONTROLLER CABINET (TS-2) WITH EXTENSION	EA	1.00	19600	\$19,600.00	\$21,477.00	\$21,477.00

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Item	Description	Unit	Quantity	Reytec Construction	Total	JE CONSTRUCTION SERVICES	Total
2-C47	NEMA TYPE CONTROLLER FOUNDATION	EA	1.00	3000	\$3,000.00	\$3,310.00	\$3,310.00
2-C48	CONTROLLER ECONOLITE COBALT	EA	1.00	4500	\$4,500.00	\$5,000.00	\$5,000.00
2-C49	MMU2-16LEIP WITH ETHERNET PORT	EA	1.00	2550	\$2,550.00	\$2,800.00	\$2,800.00
2-C50	CISCO ETHERNET 4000 SWITCH (IE-4000-8GT8GP4G-E) AND POWER SUPPLY (PWR-IE170W-PC-AC=)	EA	1.00	9500	\$9,500.00	\$10,390.00	\$10,390.00
2-C51	MIMOSA-B5 BACKHAUL RADIO	EA	1.00	5900	\$5,900.00	\$6,400.00	\$6,400.00
2-C52	ALLOWANCE FOR UNANTICIPATED TRAFFIC SIGNAL IMPROVEMENTS	AL	1.00	30000	\$30,000.00	\$30,000.00	\$30,000.00
Sub Totals					524679.3		\$494,198.00
ADA Improvements							
2-D1	MOBILIZATION (5%)	LS	1.00	50000	\$50,000.00	\$43,460.00	\$43,460.00
2-D2	CONCRETE SIDEWALKS	SF	24,750.00	7	\$173,250.00	\$8.00	\$198,000.00
2-D3	CONCRETE CURB RAMPS	SF	4,386.00	21	\$92,106.00	\$30.00	\$131,580.00
2-D4	CONCRETE MULTI-USE PATH	SF	102,000.00	7	\$714,000.00	\$7.00	\$714,000.00
2-D5	ALLOWANCE FOR UNANTICIPATED ADA IMPROVEMENTS	AL	1.00	10000	\$10,000.00	\$10,000.00	\$10,000.00
Sub Totals					1039356		\$1,097,040.00
Storm Water Improvements							
2-E1	MOBILIZATION (5%)	LS	1.00	200000	\$200,000.00	\$25,496.00	\$25,496.00
2-E2	CONCRETE CURB	LF	11,700.00	6	\$70,200.00	\$9.00	\$105,300.00
2-E3	CLEANING AND RESHAPING DITCHES	LF	13,758.00	8	\$110,064.00	\$10.00	\$137,580.00
2-E4	REMOVE EXISTING INLET OR MANHOLE	EA	10.00	250	\$2,500.00	\$1,400.00	\$14,000.00
2-E6	6' DIAMETER CONCRETE MANHOLE (TYPE-A)	EA	2.00	10300	\$20,600.00	\$14,000.00	\$28,000.00
2-E7	7' DIAMETER CONCRETE MANHOLE (TYPE-A)	EA	2.00	15000	\$30,000.00	\$17,500.00	\$35,000.00
2-E8	8' DIAMETER CONCRETE MANHOLE (TYPE-A)	EA	5.00	19000	\$95,000.00	\$18,750.00	\$93,750.00
2-E9	REMOVE EXISTING REINFORCED CONCRETE PIPE (12" - 60")	LF	4,685.00	13	\$60,905.00	\$35.00	\$163,975.00
2-E10	5' CONCRETE CURB INLET	EA	48.00	7300	\$350,400.00	\$7,200.00	\$345,600.00
2-E11	5' X 5' CONCRETE POST INLET	EA	7.00	6600	\$46,200.00	\$7,400.00	\$51,800.00
2-E12	PRECAST SAFETY END TREATMENT	EA	34.00	1300	\$44,200.00	\$6,800.00	\$231,200.00
2-E13	18" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	1,122.00	115	\$129,030.00	\$222.00	\$249,084.00
2-E14	24" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	1,471.00	177	\$260,367.00	\$261.00	\$383,931.00

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Item	Description	Unit	Quantity	Reytec Construction	Total	JE CONSTRUCTION SERVICES	Total
2-E15	30" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	308.00	210	\$64,680.00	\$315.00	\$97,020.00
2-E16	36" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	1,310.00	282	\$369,420.00	\$360.00	\$471,600.00
2-E17	36" DIAMETER REINFORCED CONCRETE PIPE (CLASS IV)	LF	674.00	307	\$206,918.00	\$473.00	\$318,802.00
2-E18	42" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	1,499.00	330	\$494,670.00	\$426.00	\$638,574.00
2-E19	48" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	1,540.00	396	\$609,840.00	\$490.00	\$754,600.00
2-E20	4' X 3' CONCRETE BOX CULVERT (CLASS III)	LF	1,331.00	508	\$676,148.00	\$620.00	\$825,220.00
2-E21	4' X 4' CONCRETE BOX CULVERT (CLASS III)	LF	1,267.00	537	\$680,379.00	\$645.00	\$817,215.00
2-E22	TRENCH SAFETY (STORM WATER INLETS OR MANHOLES)	EA	63.00	250	\$15,750.00	\$420.00	\$26,460.00
2-E23	TRENCH SAFETY (STORM WATER LINE)	LF	10,460.00	7	\$73,220.00	\$7.00	\$73,220.00
2-E24	STORMWATER TIE-IN TO EXISTING STRUCTURE	EA	4.00	3100	\$12,400.00	\$2,100.00	\$8,400.00
2-E25	CONTROL OF GROUNDWATER	LF	7,700.00	10	\$77,000.00	\$35.00	\$269,500.00
2-E26	ALLOWANCE FOR UNANTICIPATED STORM WATER IMPROVEMENTS	AL	1.00	250000	\$250,000.00	\$250,000.00	\$250,000.00
Sub Totals					4949891		\$6,415,327.00

Water Improvements

2-F1	MOBILIZATION (5%)	LS	1.00	200000	\$200,000.00	\$237,348.00	\$237,348.00
2-F2	6" DIP WATERLINE	LF	75.00	130	\$9,750.00	\$155.00	\$11,625.00
2-F3	8" DIP WATERLINE	LF	428.00	114	\$48,792.00	\$198.00	\$84,744.00
2-F4	12" DIP WATERLINE	LF	723.00	160	\$115,680.00	\$270.00	\$195,210.00
2-F5	16" DIP WATERLINE	LF	10.00	546	\$5,460.00	\$444.00	\$4,440.00
2-F6	18" DIP WATERLINE	LF	41.00	485	\$19,885.00	\$450.00	\$18,450.00
2-F7	24" DIP WATERLINE	LF	52.00	390	\$20,280.00	\$552.00	\$28,704.00
2-F8	30" DIP WATERLINE	LF	67.00	647	\$43,349.00	\$667.00	\$44,689.00
2-F9	6" PVC C900 WATERLINE	LF	39.00	215	\$8,385.00	\$126.00	\$4,914.00
2-F10	8" PVC C900 WATERLINE	LF	1,380.00	93	\$128,340.00	\$137.00	\$189,060.00
2-F11	10" PVC C900 WATERLINE	LF	121.00	163	\$19,723.00	\$141.00	\$17,061.00
2-F12	12" PVC C900 WATERLINE	LF	12,526.00	136	\$1,703,536.00	\$155.00	\$1,941,530.00
2-F13	18" PVC C900 WATERLINE	LF	31.00	295	\$9,145.00	\$232.00	\$7,192.00
2-F14	24" PVC C900 WATERLINE	LF	1,349.00	240	\$323,760.00	\$270.00	\$364,230.00
2-F15	8" 22.5 ° BEND DIMJ	EA	2.00	1100	\$2,200.00	\$710.00	\$1,420.00
2-F16	16" 45° BEND DIMJ	EA	2.00	2280	\$4,560.00	\$2,222.00	\$4,444.00

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Item	Description	Unit	Quantity	Reytec Construction	Total	JE CONSTRUCTION SERVICES	Total
2-F17	18" 45° BEND DIMJ	EA	6.00	2660	\$15,960.00	\$3,250.00	\$19,500.00
2-F18	24" 45° BEND DIMJ	EA	4.00	4470	\$17,880.00	\$4,960.00	\$19,840.00
2-F19	30" 45° BEND DIMJ	EA	6.00	8720	\$52,320.00	\$10,088.00	\$60,528.00
2-F20	6" 45° BEND DIMJ	EA	3.00	906	\$2,718.00	\$555.00	\$1,665.00
2-F21	8" 45° BEND DIMJ	EA	54.00	1000	\$54,000.00	\$689.00	\$37,206.00
2-F22	12 "45° BEND DIMJ	EA	79.00	1700	\$134,300.00	\$1,380.00	\$109,020.00
2-F23	18" X 18" DIMJ TEE	EA	1.00	5100	\$5,100.00	\$5,600.00	\$5,600.00
2-F24	12" x 6" DIMJ TEE	EA	2.00	1800	\$3,600.00	\$1,600.00	\$3,200.00
2-F25	12" X 8" DIMJ TEE	EA	11.00	2100	\$23,100.00	\$1,830.00	\$20,130.00
2-F26	12" x 10" DIMJ TEE	EA	1.00	2260	\$2,260.00	\$2,060.00	\$2,060.00
2-F27	12" x 12" DIMJ TEE	EA	2.00	2520	\$5,040.00	\$1,999.00	\$3,998.00
2-F28	24" x 24" TEE W/ 16" REDUCER	EA	1.00	12900	\$12,900.00	\$11,383.00	\$11,383.00
2-F29	24" x 24" DIMJ TEE	EA	1.00	12440	\$12,440.00	\$7,834.00	\$7,834.00
2-F30	WATER CONNECTION (30 INCH)	EA	1.00	14340	\$14,340.00	\$22,222.00	\$22,222.00
2-F31	8" GATE VALVE	EA	10.00	2720	\$27,200.00	\$2,655.00	\$26,550.00
2-F32	10" GATE VALVE	EA	1.00	4150	\$4,150.00	\$4,100.00	\$4,100.00
2-F33	12" GATE VALVE	EA	27.00	4550	\$122,850.00	\$5,100.00	\$137,700.00
2-F35	24" BUTTERFLY VALVE	EA	2.00	16840	\$33,680.00	\$21,000.00	\$42,000.00
2-F36	30" BUTTERFLY VALVE WITH 24" DIMJ REDUCER	EA	1.00		\$30,700.00	\$40,000.00	\$40,000.00
2-F37	24" BLOW OFF DRAIN W/ DRAIN MH	EA	2.00	90000	\$180,000.00	\$47,000.00	\$94,000.00
2-F38	24" COMB VACUUM AIR RELEASE W SERVICE MH	EA	3.00		\$112,800.00	\$22,222.00	\$66,666.00
2-F39	12" COMB VACUUM AIR RELEASE W SERVICE MH	EA	13.00		\$297,700.00	\$21,000.00	\$273,000.00
2-F40	3/4" WATER SERVICE LINE W/ METER	EA	47.00	3000	\$141,000.00	\$1,999.00	\$93,953.00
2-F41	TYPE 1 FIRE HYDRANT ASSEMBLY	EA	34.00	9600	\$326,400.00	\$12,050.00	\$409,700.00
2-F42	TYPE 1 FIRE HYDRANT LONG	EA	20.00	13000	\$260,000.00	\$14,000.00	\$280,000.00
2-F43	ACP HANDLING, REMOVAL, AND DISPOSAL	EA	3,578.00		\$42,936.00	\$21.00	\$75,138.00
2-F44	CONNECTION (6 INCH)	EA	5.00	2600	\$13,000.00	\$3,800.00	\$19,000.00
2-F45	CONNECTION (8 INCH)	EA	13.00	2700	\$35,100.00	\$4,200.00	\$54,600.00
2-F46	CONNECTION (12 INCH)	EA	4.00	5300	\$21,200.00	\$7,800.00	\$31,200.00
2-F47	CONNECTION (16 INCH)	EA	1.00	5300	\$5,300.00	\$9,700.00	\$9,700.00
2-F48	CONNECTION (18 INCH)	EA	1.00	7300	\$7,300.00	\$13,720.00	\$13,720.00
2-F49	CONNECTION (24 INCH)	EA	2.00	7700	\$15,400.00	\$15,000.00	\$30,000.00
2-F50	PIPE TRENCH SAFETY	LF	16,338.00	4	\$65,352.00	\$5.00	\$81,690.00
2-F51	CONTROL OF GROUNDWATER	LF	15,390.00	10	\$153,900.00	\$35.00	\$538,650.00
2-F52	STEEL CASING (14 INCHES)	LF	35.00	154	\$5,390.00	\$640.00	\$22,400.00
2-F53	STEEL CASING (36 INCHES)	LF	20.00	526	\$10,520.00	\$990.00	\$19,800.00
2-F54	8"x6" DIMJ REDUCER	EA	1.00	860	\$860.00	\$650.00	\$650.00

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Item	Description	Unit	Quantity	Reytec Construction	Total	JE CONSTRUCTION SERVICES	Total
2-F55	REMOVE EXIST WATER VAULT	EA	1.00	3000	\$3,000.00	\$4,200.00	\$4,200.00
2-F56	ALLOWANCE FOR UNANTICIPATED WATER IMPROVEMENTS	AL	1.00	250000	\$250,000.00	\$250,000.00	\$250,000.00
Sub Totals					5184541		\$6,097,664.00

Waste Water Improvements

2-G1	MOBILIZATION (5%)	LS	1.00	100000	\$100,000.00	\$188,520.00	\$188,520.00
2-G2	REMOVE EXISTING WASTEWATER MANHOLE	EA	10.00	700	\$7,000.00	\$4,000.00	\$40,000.00
2-G3	4' DIAMETER WASTEWATER MANHOLE (6' DEPTH OR LESS)(FIBERGLASS)	EA	24.00	17700	\$424,800.00	\$14,000.00	\$336,000.00
2-G4	EXTRA DEPTH FOR 4' DIAMETER WASTEWATER MANHOLE (OVER 6' DEPTH)(FIBERGLASS)	VF	202.00	360	\$72,720.00	\$1,200.00	\$242,400.00
2-G5	ADJUST EXISTING WASTEWATER MANHOLE RIM TO GRADE	EA	12.00	1660	\$19,920.00	\$3,000.00	\$36,000.00
2-G6	6" SDR 26 PVC WASTEWATER MAIN	LF	53.00	160	\$8,480.00	\$140.00	\$7,420.00
2-G7	8" SDR 26 PVC WASTEWATER MAIN	LF	1,366.00	160	\$218,560.00	\$160.00	\$218,560.00
2-G8	18" SDR 26 PVC SANITARY SEWER	LF	2,450.00	190	\$465,500.00	\$550.00	\$1,347,500.00
2-G9	14" DUCTILE IRON PIPE FOR FORCE MAIN	LF	3,026.00	400	\$1,210,400.00	\$390.00	\$1,180,140.00
2-G10	24" SDR 26 PVC SANITARY SEWER	LF	700.00	360	\$252,000.00	\$650.00	\$455,000.00
2-G11	TEMPORARY BY-PASS PUMPING	LS	1.00	115000	\$115,000.00	\$276,350.00	\$276,350.00
2-G12	TRENCH SAFETY (WASTEWATER MANHOLES)	EA	24.00	132	\$3,168.00	\$1,200.00	\$28,800.00
2-G13	TRENCH SAFETY FOR SANITARY SEWER	LF	7,595.00	5	\$37,975.00	\$9.00	\$68,355.00
2-G14	SERVICE CONNECTION AND CLEANOUT	EA	40.00	6400	\$256,000.00	\$3,050.00	\$122,000.00
2-G15	CONTROL OF GROUNDWATER	LF	4,500.00	30	\$135,000.00	\$40.00	\$180,000.00
2-G16	ALLOWANCE FOR UNANTICIPATED WASTEWATER IMPROVEMENTS	AL	1.00	150000	\$150,000.00	\$150,000.00	\$150,000.00
Sub Totals					3476523		\$4,877,045.00

Gas Improvements

2-H1	MOBILIZATION (5%)	LS	1.00	20000	\$20,000.00	\$21,641.00	\$21,641.00
2-H2	EXCAVATION, BACKFILL, AND COMPACTION OF GAS LINE (4")	LF	13,274.00	21	\$278,754.00	\$20.00	\$265,480.00
2-H3	EXCAVATION, BACKFILL, AND COMPACTION OF GAS LINE (8")	LF	4,533.00	25	\$113,325.00	\$22.00	\$99,726.00

RFB 6838 Flour Bluff Drive - Yorktown Boulevard to Don Patricio Road
 ID: RFB 6838 , Project No. 23161

Item	Description	Unit	Quantity	Reytec Construction	Total	JE CONSTRUCTION SERVICES	Total
2-H4	ADJUST EXISTING GAS VALVE BOX TO FINISHED GRADE	EA	10.00	390	\$3,900.00	\$2,500.00	\$25,000.00
2-H5	REMOAL OF 8" STEEL GAS LINE	LF	7,504.00	5	\$37,520.00	\$23.00	\$172,592.00
2-H6	ALLOWANCE FOR UNANTICIPATED GAS IMPROVEMENTS	AL	1.00	5000	\$5,000.00	\$5,000.00	\$5,000.00
Sub Totals					458499		\$589,439.00
IT. Improvements							
2-I1	MOBILIZATION (5%)	LS	1.00	6000	\$6,000.00	\$7,807.00	\$7,807.00
2-I2	2" PVC SCHEDULE 40 I.T. CONDUIT WITH PULL STRING AND MULE TAPE	LF	13,300.00	14	\$186,200.00	\$12.00	\$159,600.00
2-I3	24"X36"X18" I.T. PULL BOX (INSTALLATION ONLY)	EA	19.00	1100	\$20,900.00	\$1,200.00	\$22,800.00
Sub Totals					213100		\$190,207.00
Grand Total					29891149.3		\$34,528,203.00

RFB 6838 Flour Bluff Drive - Yorktown Boulevard to Don Patricio Road
 ID: RFB 6838 , Project No. 23161

Item	Description	Unit	Quantity	Bay Ltd	Total
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Base Bid 1 - HMAC

General

1-A1	MOBLIZATION (MAX 5% OF PART A)	LS	1.00	\$252,655.00	\$252,655.00
1-A2	BONDS AND INSURANCE (AS REQUIRED)	AL	1.00	\$293,000.00	\$293,000.00
1-A3	STORM WATER POLLUTION PREVENTION PLAN	LS	1.00	\$100.00	\$100.00
1-A4	CLEAR RIGHT-OF-WAY	AC	27.00	\$51,700.00	\$1,395,900.00
1-A5	TCP MOBILIZATION/ADJUSMENTS	EA	1.00	\$56,600.00	\$56,600.00
1-A6	TCP TEMPORARY PAVEMENT	SY	4,382.00	\$70.00	\$306,740.00
1-A7	TCP ITEMS (BARRELS, CONES, ETC)	MONTH	36.00	\$14,300.00	\$514,800.00
1-A8	TCP LPCB TYPE 1 & 2 (FURN & INSTALL)	LF	6,850.00	\$94.00	\$643,900.00
1-A9	TCP LPCB TYPE 1 & 2 (MOVE & RESET)	LF	11,350.00	\$27.00	\$306,450.00
1-A10	TCP LPCB TYPE 1 & 2 (STCKPL)	LF	150.00	\$187.20	\$28,080.00
1-A11	TCP LPCB TYPE 1 & 2 (REMOVE)	LF	6,850.00	\$33.00	\$226,050.00
1-A12	WK ZN PAV MRK (REMOV)(W)(4")(SLD)	LF	59,020.00	\$1.05	\$61,971.00
1-A13	WK ZN PAV MRK (REMOV)(Y)(4")(SLD)	LF	31,740.00	\$1.05	\$33,327.00
1-A14	SILT FENCE FOR STORM WATER POLLUTION	LF	28,364.00	\$14.75	\$418,369.00
1-A15	BLOCK SODDING	SY	43,438.00	\$10.50	\$456,099.00
1-A16	ELECTRIC MESSAGE BOARDS	EA	8.00	\$27,700.00	\$221,600.00
1-A17	OZONE ACTION DAY	EA	10.00	\$110.00	\$1,100.00
1-A18	ALLOWANCE FOR UNATICIPATED GENERAL ITEMS	AL	1.00	\$100,000.00	\$100,000.00

Sub Totals					\$5,316,741.00
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Street Improvements

1-B1	MOBILIZATION (5%)	LS	1.00	\$575,000.00	\$575,000.00
1-B2	STREET EXCAVATION	SY	45,100.00	\$34.00	\$1,533,400.00
1-B3	TYPE D HOT-MIX ASPHALTIC CONCRETE PAVEMENT (1.5")(INCLUDES TACK COAT)	SY	67,000.00	\$14.00	\$938,000.00

RFB 6838 Flour Bluff Drive - Yorktown Boulevard to Don Patricio Road
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Item	Description	Unit	Quantity	Bay Ltd	Total
1-B4	TYPE B HOT-MIX ASPHALTIC CONCRETE PAVEMENT (2.5")	SY	67,000.00	\$25.00	\$1,675,000.00
1-B5	PRIME COAT (MC-30)	GAL	10,050.00	\$7.20	\$72,360.00
1-B6	14" LIMESTONE BASE (TY A, GR. 1-2)	SY	75,800.00	\$54.50	\$4,131,100.00
1-B7	SELECT COMPACT FILL	CY	4,700.00	\$5.50	\$25,850.00
1-B8	12" CEMENT TREATED SUBGRADE	SY	75,800.00	\$19.75	\$1,497,050.00
1-B9	DRIVEWAYS (CONC)	SY	3,826.00	\$130.00	\$497,380.00
1-B10	TYPE C HEAT APPLIED PREFAB PREFORMED THERMOPLASTIC PVMT MRK TYPE 1 (W) WORD	EA	11.00	\$540.00	\$5,940.00
1-B11	TYPE C HEAT APPLIED PREFAB PREFORMED THERMOPLASTIC PVMT MRK TYPE 1 (W) ARROW	EA	59.00	\$320.00	\$18,880.00
1-B12	TYPE C HEAT APPLIED PREFAB PREFORMED THERMOPLASTIC REFL. PVMT MRK TYPE 1 (W) (24") (SLD) (090 MIL)	LF	1,390.00	\$34.00	\$47,260.00
1-B13	TYPE C HEAT APPLIED PREFAB PERFORMED THERMOPLASTIC REFL. PVMT MRK TYPE 1 (W) (12") (SLD) (090 MIL)	LF	138.00	\$19.25	\$2,656.50
1-B14	REFL. PAVEMENT MARKING TYPE 1 (Y) (6")(SLD)(090 MIL)	LF	26,544.00	\$1.65	\$43,797.60
1-B15	REFL. PAVEMENT MARKING TYPE 1 (Y) (6")(BRK)(090 MIL)	LF	4,850.00	\$2.40	\$11,640.00
1-B16	REFL. PAVEMENT MARKING TYPE 1 (W) (6")(BRK)(090 MIL)	LF	3,120.00	\$2.40	\$7,488.00
1-B17	REFL. PAVEMENT MARKING TYPE 1 (W) (6")(SLD)(090 MIL)	LF	13,982.00	\$2.00	\$27,964.00
1-B18	REFL. PAVEMENT MARKING TYPE 1 (W) (8")(SLD)(090 MIL)	LF	2,033.00	\$4.30	\$8,741.90
1-B19	TY-II-A-A RAISED PAVEMENT MARKER (REFLECTORIZED)@20'	EA	408.00	\$16.00	\$6,528.00

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Item	Description	Unit	Quantity	Bay Ltd	Total
1-B20	TY-II-A-A RAISED PAVEMENT MARKER (REFLECTORIZED)@40'	EA	480.00	\$16.00	\$7,680.00
1-B21	TY-II-C-R RAISED PAVEMENT MARKER (REFLECTORIZED)	EA	372.00	\$16.00	\$5,952.00
1-B22	REMOVE SM RD SN SUP& AM	EA	60.00	\$77.00	\$4,620.00
1-B23	IN SM RD SN SUP & AM TY 10BWG (1)SA(P)	EA	60.00	\$860.00	\$51,600.00
1-B24	ALLOWANCE FOR UNATICIPATED STREET IMPROVEMENTS	AL	1.00	\$350,000.00	\$350,000.00
Sub Totals					\$11,545,888.00

Traffic Signal Improvements

1-C1	MOBILIZATION (MAX 5% OF PART D)	LS	1.00	\$25,000.00	\$25,000.00
1-C2	DRILL SHAFT (TRF SIG POLE) (24 IN)	LF	12.00	\$170.00	\$2,040.00
1-C3	DRILL SHAFT (TRF SIG POLE) (36 IN)	LF	56.00	\$420.00	\$23,520.00
1-C4	CONDT (PVC) (SCHD 40) (2")	LF	500.00	\$16.25	\$8,125.00
1-C5	CONDT (PVC) (SCHD 40) (4")	LF	400.00	\$24.00	\$9,600.00
1-C6	CONDT (PVC) (SCHD 40) (2")(BORE)	LF	550.00	\$45.00	\$24,750.00
1-C7	CONDT (PVC) (SCHD 40) (4") (BORE)	LF	550.00	\$59.00	\$32,450.00
1-C8	2 CONDR (NO. 12) WITH GROUND (LUMINAIRE WIRE)	LF	950.00	\$2.00	\$1,900.00
1-C9	ELEC CONDR (NO. 6) BARE	LF	37.00	\$2.70	\$99.90
1-C10	ELEC CONDR (NO. 6) INSULATED	LF	74.00	\$3.00	\$222.00
1-C11	ELEC CONDR (NO. 8) BARE	LF	1,512.00	\$2.60	\$3,931.20
1-C12	TRAY CABLE (3 CONDR) (12 AWG)	LF	1,317.00	\$3.10	\$4,082.70
1-C13	TRAY CABLE (3 CONDR) (14 AWG)	LF	875.00	\$3.30	\$2,887.50
1-C14	GROUND BOX TY D WITH APRON	EA	10.00	\$1,700.00	\$17,000.00
1-C15	INSTALL HWY TRF SIG (ISOLATED)	EA	1.00	\$4,700.00	\$4,700.00
1-C16	TEMP TRAF SIGNALS	EA	1.00	\$47,300.00	\$47,300.00
1-C17	ELC SRV TY D 120/240 060 (NS)SS(E)PS(U)	EA	1.00	\$7,000.00	\$7,000.00
1-C18	ILSN (LED) 8S (DURALIGHT) (FIXED MOUNT)	EA	4.00	\$6,100.00	\$24,400.00
1-C19	REMOVING TRAFFIC SIGNALS	EA	1.00	\$3,400.00	\$3,400.00

RFB 6838 Flour Bluff Drive - Yorktown Boulevard to Don Patricio Road
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Item	Description	Unit	Quantity	Bay Ltd	Total
1-C20	LOUVERED VACUUM FORMED ABS BACK PLATE (12")(3 SEC)	EA	8.00	\$260.00	\$2,080.00
1-C21	LOUVERED VACUUM FORMED ABS BACK PLATE (12")(4 SEC)	EA	4.00	\$300.00	\$1,200.00
1-C22	DURALIGHT COUNTDOWN PEDESTRIAN SIGNAL MODULE (16 INCH)	EA	2.00	\$810.00	\$1,620.00
1-C23	TRF SIG CBL (TY A) (12 AWG) (4 CONDR)	LF	294.00	\$2.00	\$588.00
1-C24	TRF SIG CBL (TY A) (14 AWG) (5 CONDR)	LF	327.00	\$2.40	\$784.80
1-C25	TRF SIG CBL (TY A) (14 AWG) (7 CONDR)	LF	237.00	\$3.00	\$711.00
1-C26	TRF SIG CBL (TY A) (14 AWG) (16 CONDR)	LF	698.00	\$4.90	\$3,420.20
1-C27	INS TRF SIG PL AM(S)1 ARM (36') LUM & ILSN	EA	2.00	\$25,300.00	\$50,600.00
1-C28	INS TRF SIG PL AM(S)1 ARM (44') LUM & ILSN	EA	2.00	\$28,300.00	\$56,600.00
1-C29	PED POLE ASSEMBLY	EA	8.00	\$1,600.00	\$12,800.00
1-C30	POLARA PUSH BUTTON (APS) W/R10-3E SIGN	EA	8.00	\$1,200.00	\$9,600.00
1-C31	PED DETECTOR CONTROLLER UNIT	EA	1.00	\$4,900.00	\$4,900.00
1-C32	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (GRN)	EA	8.00	\$410.00	\$3,280.00
1-C33	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (GRN ARW)	EA	4.00	\$410.00	\$1,640.00
1-C34	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (YEL)	EA	8.00	\$410.00	\$3,280.00
1-C35	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (YEL ARW)	EA	4.00	\$410.00	\$1,640.00
1-C36	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (RED)	EA	8.00	\$410.00	\$3,280.00

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Item	Description	Unit	Quantity	Bay Ltd	Total
1-C37	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (RED ARW)	EA	4.00	\$410.00	\$1,640.00
1-C38	ALPHA FXM 2000 UNINTERRUPTIBLE POWER SUPPLY WITH CABINET	EA	1.00	\$10,700.00	\$10,700.00
1-C39	RADAR PRESENCE DETECTOR (WAVETRONIX)	EA	2.00	\$11,500.00	\$23,000.00
1-C40	RADAR PRESENCE DETECTOR COMM & POWER CABLE (SMARTSENSOR 6/C)	LF	782.00	\$3.40	\$2,658.80
1-C41	CAMERA PTZ (PELCO SPECTRA ENHANCED SERIES) WITH PELCO PA402 MOUNT	EA	1.00	\$6,100.00	\$6,100.00
1-C42	ETHERNET CABLE CAT5E FOR PTZ	LF	368.00	\$3.10	\$1,140.80
1-C43	ARC6 6-SENSOR CABINET INTERFACE DEVICE	EA	1.00	\$8,800.00	\$8,800.00
1-C44	DATA AGGREGATOR DA-400, POWER/COMM CABLE AND 5-BAND ANTENNA	EA	1.00	\$7,400.00	\$7,400.00
1-C45	MAST ARM DAMPING PLATE	EA	4.00	\$5,300.00	\$21,200.00
1-C46	CONTROLLER CABINET (TS-2) WITH EXTENSION	EA	1.00	\$25,000.00	\$25,000.00
1-C47	NEMA TYPE CONTROLLER FOUNDATION	EA	1.00	\$3,900.00	\$3,900.00
1-C48	CONTROLLER ECONOLITE COBALT	EA	1.00	\$5,700.00	\$5,700.00
1-C49	MMU2-16LEIP WITH ETHERNET PORT	EA	1.00	\$3,200.00	\$3,200.00
1-C50	CISCO ETHERNET 4000 SWITCH (IE-4000- 8GT8GP4G-E) AND POWER SUPPLY (PWR- IE170W-PC-AC=)	EA	1.00	\$12,100.00	\$12,100.00
1-C51	MIMOSA-B5 BACKHAUL RADIO	EA	1.00	\$7,400.00	\$7,400.00
1-C52	ALLOWANCE FOR UNANTICIPATED TRAFFIC SIGNAL IMPROVEMENTS	AL	1.00	\$30,000.00	\$30,000.00
Sub Totals					\$570,371.90
ADA Improvements					
1-D1	MOBILIZATION (5%)	LS	1.00	\$60,000.00	\$60,000.00

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Item	Description	Unit	Quantity	Bay Ltd	Total
1-D2	CONCRETE SIDEWALKS	SF	24,750.00	\$10.00	\$247,500.00
1-D3	CONCRETE CURB RAMPS	SF	4,386.00	\$32.00	\$140,352.00
1-D4	CONCRETE MULTI-USE PATH	SF	102,000.00	\$7.70	\$785,400.00
1-D5	ALLOWANCE FOR UNANTICIPATED ADA IMPROVEMENTS	AL	1.00	\$10,000.00	\$10,000.00
Sub Totals					\$1,243,252.00

Storm Water Improvements

1-E1	MOBILIZATION (5%)	LS	1.00	\$260,000.00	\$260,000.00
1-E2	CONCRETE CURB & GUTTER	LF	11,700.00	\$29.00	\$339,300.00
1-E3	CLEANING AND RESHAPING DITCHES	LF	13,758.00	\$7.60	\$104,560.80
1-E4	REMOVE EXISTING INLET OR MANHOLE	EA	10.00	\$1,600.00	\$16,000.00
1-E6	6' DIAMETER CONCRETE MANHOLE (TYPE-A)	EA	2.00	\$12,100.00	\$24,200.00
1-E7	7' DIAMETER CONCRETE MANHOLE (TYPE-A)	EA	2.00	\$13,300.00	\$26,600.00
1-E8	8' DIAMETER CONCRETE MANHOLE (TYPE-A)	EA	5.00	\$15,200.00	\$76,000.00
1-E9	REMOVE EXISTING REINFORCED CONCRETE PIPE (12" - 60")	LF	4,685.00	\$21.00	\$98,385.00
1-E10	5' CONCRETE CURB INLET (CAST IN PLACE)	EA	48.00	\$8,400.00	\$403,200.00
1-E11	5' X 5' CONCRETE POST INLET	EA	7.00	\$8,400.00	\$58,800.00
1-E12	PRECAST SAFETY END TREATMENT	EA	34.00	\$3,400.00	\$115,600.00
1-E13	18" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	1,122.00	\$140.00	\$157,080.00
1-E14	24" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	1,471.00	\$220.00	\$323,620.00
1-E15	30" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	308.00	\$240.00	\$73,920.00
1-E16	36" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	1,310.00	\$270.00	\$353,700.00
1-E17	36" DIAMETER REINFORCED CONCRETE PIPE (CLASS IV)	LF	674.00	\$280.00	\$188,720.00

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Item	Description	Unit	Quantity	Bay Ltd	Total
1-E18	42" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	1,499.00	\$330.00	\$494,670.00
1-E19	48" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	1,540.00	\$340.00	\$523,600.00
1-E20	4' X 3' CONCRETE BOX CULVERT (CLASS III)	LF	1,331.00	\$480.00	\$638,880.00
1-E21	4' X 4' CONCRETE BOX CULVERT (CLASS III)	LF	1,267.00	\$530.00	\$671,510.00
1-E22	TRENCH SAFETY (STORM WATER INLETS OR MANHOLES)	EA	63.00	\$350.00	\$22,050.00
1-E23	TRENCH SAFETY (STORM WATER LINE)	LF	10,460.00	\$3.20	\$33,472.00
1-E24	STORMWATER TIE-IN TO EXISTING STRUCTURE	EA	4.00	\$2,200.00	\$8,800.00
1-E25	CONTROL OF GROUNDWATER	LF	7,700.00	\$20.00	\$154,000.00
1-E26	ALLOWANCE FOR UNANTICIPATED STORM WATER IMPROVEMENTS	AL	1.00	\$250,000.00	\$250,000.00
Sub Totals					\$5,416,667.80

Water Improvements

1-F1	MOBILIZATION (5%)	LS	1.00	\$290,000.00	\$290,000.00
1-F2	6" DIP WATERLINE	LF	75.00	\$690.00	\$51,750.00
1-F3	8" DIP WATERLINE	LF	428.00	\$160.00	\$68,480.00
1-F4	12" DIP WATERLINE	LF	723.00	\$340.00	\$245,820.00
1-F5	16" DIP WATERLINE	LF	10.00	\$1,100.00	\$11,000.00
1-F6	18" DIP WATERLINE	LF	41.00	\$440.00	\$18,040.00
1-F7	24" DIP WATERLINE	LF	52.00	\$490.00	\$25,480.00
1-F8	30" DIP WATERLINE	LF	67.00	\$830.00	\$55,610.00
1-F9	6" PVC C900 WATERLINE	LF	39.00	\$240.00	\$9,360.00
1-F10	8" PVC C900 WATERLINE	LF	1,380.00	\$150.00	\$207,000.00
1-F11	10" PVC C900 WATERLINE	LF	121.00	\$150.00	\$18,150.00
1-F12	12" PVC C900 WATERLINE	LF	12,526.00	\$170.00	\$2,129,420.00
1-F13	18" PVC C900 WATERLINE	LF	31.00	\$400.00	\$12,400.00
1-F14	24" PVC C900 WATERLINE	LF	1,349.00	\$310.00	\$418,190.00
1-F15	8" 22.5 ° BEND DIMJ	EA	2.00	\$550.00	\$1,100.00

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Item	Description	Unit	Quantity	Bay Ltd	Total
1-F16	16" 45° BEND DIMJ	EA	2.00	\$1,800.00	\$3,600.00
1-F17	18" 45° BEND DIMJ	EA	6.00	\$2,600.00	\$15,600.00
1-F18	24" 45° BEND DIMJ	EA	4.00	\$4,500.00	\$18,000.00
1-F19	30" 45° BEND DIMJ	EA	6.00	\$9,600.00	\$57,600.00
1-F20	6" 45° BEND DIMJ	EA	3.00	\$420.00	\$1,260.00
1-F21	8" 45° BEND DIMJ	EA	54.00	\$540.00	\$29,160.00
1-F22	12 "45° BEND DIMJ	EA	79.00	\$1,000.00	\$79,000.00
1-F23	18" X 18" DIMJ TEE	EA	1.00	\$4,600.00	\$4,600.00
1-F24	12" x 6" DIMJ TEE	EA	2.00	\$1,200.00	\$2,400.00
1-F25	12" X 8" DIMJ TEE	EA	11.00	\$1,400.00	\$15,400.00
1-F26	12" x 10" DIMJ TEE	EA	1.00	\$1,600.00	\$1,600.00
1-F27	12" x 12" DIMJ TEE	EA	2.00	\$1,600.00	\$3,200.00
1-F28	24" x 24" TEE W/ 16" REDUCER	EA	1.00	\$9,200.00	\$9,200.00
1-F29	24" x 24" DIMJ TEE	EA	1.00	\$6,600.00	\$6,600.00
1-F30	WATER CONNECTION (30 INCH)	EA	1.00	\$17,400.00	\$17,400.00
1-F31	8" GATE VALVE	EA	10.00	\$2,200.00	\$22,000.00
1-F32	10" GATE VALVE	EA	1.00	\$3,300.00	\$3,300.00
1-F33	12" GATE VALVE	EA	27.00	\$3,900.00	\$105,300.00
1-F35	24" BUTTERFLY VALVE	EA	2.00	\$12,500.00	\$25,000.00
1-F36	30" BUTTERFLY VALVE WITH 24" DIMJ REDUCER	EA	1.00	\$33,800.00	\$33,800.00
1-F37	24" BLOW OFF DRAIN W/ DRAIN MH	EA	2.00	\$52,300.00	\$104,600.00
1-F38	24" COMB VACUUM AIR RELEASE W SERVICE MH	EA	3.00	\$42,400.00	\$127,200.00
1-F39	12" COMB VACUUM AIR RELEASE W SERVICE MH	EA	13.00	\$17,900.00	\$232,700.00
1-F40	3/4" WATER SERVICE LINE W/ METER	EA	47.00	\$1,100.00	\$51,700.00
1-F41	TYPE 1 FIRE HYDRANT ASSEMBLY	EA	34.00	\$9,800.00	\$333,200.00
1-F42	TYPE 1 FIRE HYDRANT LONG	EA	20.00	\$9,800.00	\$196,000.00
1-F43	ACP HANDLING, REMOVAL, AND DISPOSAL	LF	3,578.00	\$47.00	\$168,166.00
1-F44	CONNECTION (6 INCH)	EA	5.00	\$3,600.00	\$18,000.00
1-F45	CONNECTION (8 INCH)	EA	13.00	\$3,600.00	\$46,800.00
1-F46	CONNECTION (12 INCH)	EA	4.00	\$4,100.00	\$16,400.00

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Item	Description	Unit	Quantity	Bay Ltd	Total
1-F47	CONNECTION (16 INCH)	EA	1.00	\$5,100.00	\$5,100.00
1-F48	CONNECTION (18 INCH)	EA	1.00	\$6,600.00	\$6,600.00
1-F49	CONNECTION (24 INCH)	EA	2.00	\$7,100.00	\$14,200.00
1-F50	PIPE TRENCH SAFETY	LF	16,338.00	\$3.70	\$60,450.60
1-F51	CONTROL OF GROUNDWATER	LF	15,390.00	\$20.00	\$307,800.00
1-F52	STEEL CASING (14 INCHES)	LF	35.00	\$520.00	\$18,200.00
1-F53	STEEL CASING (36 INCHES)	LF	20.00	\$690.00	\$13,800.00
1-F54	8"x6" DIMJ REDUCER	EA	1.00	\$460.00	\$460.00
1-F55	REMOVE EXIST WATER VAULT	EA	1.00	\$5,300.00	\$5,300.00
1-F56	ALLOWANCE FOR UNANTICIPATED WATER IMPROVEMENTS	AL	1.00	\$250,000.00	\$250,000.00
Sub Totals					\$5,992,496.60

Waste Water Improvements

1-G1	MOBILIZATION (5%)	LS	1.00	\$265,000.00	\$265,000.00
1-G2	REMOVE EXISTING WASTEWATER MANHOLE	EA	10.00	\$4,600.00	\$46,000.00
1-G3	4' DIAMETER WASTEWATER MANHOLE (OVER 6' IN DEPTH) (FIBERGLASS)	EA	24.00	\$15,900.00	\$381,600.00
1-G4	EXTRA DEPTH FOR 4' DIAMETER WASTEWATER MANHOLE (OVER 6' DEPTH)(FIBERGLASS)	VF	202.00	\$1,300.00	\$262,600.00
1-G5	ADJUST EXISTING WASTEWATER MANHOLE RIM TO GRADE	EA	12.00	\$3,400.00	\$40,800.00
1-G6	6" SDR 26 PVC WASTEWATER MAIN	LF	53.00	\$160.00	\$8,480.00
1-G7	8" SDR 26 PVC WASTEWATER MAIN	LF	1,366.00	\$180.00	\$245,880.00
1-G8	18" SDR 26 PVC SANITARY SEWER	LF	2,450.00	\$640.00	\$1,568,000.00
1-G9	14" DUCTILE IRON PIPE FOR FORCE MAIN	LF	3,026.00	\$440.00	\$1,331,440.00
1-G10	24" SDR 26 PVC SANITARY SEWER	LF	700.00	\$730.00	\$511,000.00
1-G11	TEMPORARY BY-PASS PUMPING	LS	1.00	\$306,900.00	\$306,900.00
1-G12	TRENCH SAFETY (WASTEWATER MANHOLES)	EA	12.00	\$1,300.00	\$15,600.00

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Item	Description	Unit	Quantity	Bay Ltd	Total
1-G13	TRENCH SAFETY FOR SANITARY SEWER		7,595.00	\$13.00	\$98,735.00
		LF			
1-G14	SERVICE CONNECTION AND CLEANOUT		40.00	\$3,500.00	\$140,000.00
		EA			
1-G15	CONTROL OF GROUNDWATER	LF	4,500.00	\$36.00	\$162,000.00
1-G16	ALLOWANCE FOR UNANTICIPATED WASTEWATER IMPROVEMENTS	AL	1.00	\$150,000.00	\$150,000.00
Sub Totals					\$5,534,035.00
Gas Improvements					
1-H1	MOBILIZATION (5%)	LS	1.00	\$20,000.00	\$20,000.00
1-H2	EXCAVATION, BACKFILL, AND COMPACTION OF GAS LINE (4")	LF	13,274.00	\$19.50	\$258,843.00
1-H3	EXCAVATION, BACKFILL, AND COMPACTION OF GAS LINE (8")	LF	4,533.00	\$19.25	\$87,260.25
1-H4	ADJUST EXISTING GAS VALVE BOX TO FINISHED GRADE	EA	10.00	\$1,600.00	\$16,000.00
1-H5	REMOVAL OF 8" STEEL GAS LINE	LF	7,504.00	\$9.60	\$72,038.40
1-H6	ALLOWANCE FOR UNANTICIPATED GAS IMPROVEMENTS	AL	1.00	\$5,000.00	\$5,000.00
Sub Totals					\$459,141.65
IT. Improvements					
1-I1	MOBILIZATION (5%)	LS	1.00	\$10,000.00	\$10,000.00
1-I2	2" PVC SCHEDULE 40 I.T. CONDUIT WITH PULL STRING AND MULE TAPE	LF	13,300.00	\$13.50	\$179,550.00
1-I3	24"X36"X18" I.T. PULL BOX (INSTALLATION ONLY)	EA	19.00	\$1,400.00	\$26,600.00
Sub Totals					\$216,150.00
Grand Total					\$36,294,743.95

Base Bid 2 - Concrete

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Item	Description	Unit	Quantity	Bay Ltd	Total
General					
1-A1	MOBLIZATION (MAX 5% OF PART A)	LS	1.00	\$252,655.00	\$252,655.00
1-A2	BONDS AND INSURANCE (AS REQUIRED)		1.00	\$355,000.00	\$355,000.00
		AL			
1-A3	STORM WATER POLLUTION PREVENTION PLAN		1.00	\$100.00	\$100.00
		LS			
1-A4	CLEAR RIGHT-OF-WAY	AC	27.00	\$51,700.00	\$1,395,900.00
1-A5	TCP MOBILIZATION/ADJUSMENTS	EA	1.00	\$56,600.00	\$56,600.00
1-A6	TCP TEMPORARY PAVEMENT	SY	4,382.00	\$70.00	\$306,740.00
1-A7	TCP ITEMS (BARRELS, CONES, ETC)	MONTH	36.00	\$14,300.00	\$514,800.00
1-A8	TCP LPCB TYPE 1 & 2 (FURN & INSTALL)	LF	6,850.00	\$94.00	\$643,900.00
1-A9	TCP LPCB TYPE 1 & 2 (MOVE & RESET)	LF	11,350.00	\$27.00	\$306,450.00
1-A10	TCP LPCB TYPE 1 & 2 (STCKPL)	LF	150.00	\$187.20	\$28,080.00
1-A11	TCP LPCB TYPE 1 & 2 (REMOVE)	LF	6,850.00	\$33.00	\$226,050.00
1-A12	SILT FENCE FOR STORM WATER POLLUTION		28,364.00	\$1.05	\$29,782.20
		LF			
1-A13	BLOCK SODDING	SY	43,438.00	\$1.05	\$45,609.90
1-A14	WK ZN PAV MRK (REMOV)(W)(4")(SLD)	LF	59,020.00	\$14.75	\$870,545.00
1-A15	WK ZN PAV MRK (REMOV)(Y)(4")(SLD)	LF	31,740.00	\$10.50	\$333,270.00
1-A16	ELECTRIC MESSAGE BOARDS	EA	8.00	\$27,700.00	\$221,600.00
1-A17	OZONE ACTION DAY	EA	10.00	\$110.00	\$1,100.00
1-A18	ALLOWANCE FOR UNATICIPATED GENERAL ITEMS		1.00	\$100,000.00	\$100,000.00
		AL			
Sub Totals					\$5,688,182.10
Street Improvements					
2-B1	MOBILIZATION (5%)	LS	1.00	\$825,000.00	\$825,000.00
2-B2	STREET EXCAVATION	SY	45,100.00	\$34.00	\$1,533,400.00
2-B3	REINFORCED CONCRETE PAVEMENT (8.5 IN)		69,700.00	\$110.00	\$7,667,000.00
		SY			
2-B4	TYPE D HOT-MIX ASPHALTIC CONCRETE PAVEMENT (1")		69,700.00	\$12.00	\$836,400.00
		SY			
2-B5	6" CEMENT TREATED BASE (TY A, GR. 1-2)		71,500.00	\$45.00	\$3,217,500.00
		SY			

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Item	Description	Unit	Quantity	Bay Ltd	Total
2-B6	10" CEMENT TREATED SUBGRADE	SY	71,500.00	\$19.75	\$1,412,125.00
2-B7	SELECT COMPACTED FILL	CY	4,700.00	\$5.50	\$25,850.00
2-B8	DRIVEWAYS (CONC)	SY	3,826.00	\$130.00	\$497,380.00
2-B9	TYPE C HEAT APPLIED PREFAB PREFORMED THERMOPLASTIC PVMT MRK TYPE 1 (W) (WORD)	EA	11.00	\$600.00	\$6,600.00
2-B10	TYPE C HEAT APPLIED PREFAB PREFORMED THERMOPLASTIC PVMT MRK TYPE 1 (W) (ARROW)	EA	59.00	\$400.00	\$23,600.00
2-B11	TYPE C HEAT APPLIED PREFAB PERFORMED THERMOPLASTIC REFL PVMT MRK TYPE 1 (W) (24") (SLD) (090 MIL)(W/ CONTRAST)	LF	1,390.00	\$36.00	\$50,040.00
2-B12	TYPE C HEAT APPLIED PREFAB PERFORMED THERMOPLASTIC REFL PVMT MRK TYPE 1 (W) (12") (SLD) (090 MIL)(W/ CONTRAST)	LF	138.00	\$23.00	\$3,174.00
2-B13	REFL. PAVEMENT MARKING TYPE 1 (Y)(6")(SLD)(090 MIL)(W/ CONTRAST)	LF	26,544.00	\$1.65	\$43,797.60
2-B14	REFL. PAVEMENT MARKING TYPE 1 (Y)(6")(BRK)(090 MIL)(W/ CONTRAST)	LF	4,850.00	\$2.40	\$11,640.00
2-B15	REFL. PAVEMENT MARKING TYPE 1 (W)(6")(BRK)(090 MIL)(W/ CONTRAST)	LF	3,120.00	\$2.40	\$7,488.00
2-B16	REFL. PAVEMENT MARKING TYPE 1 (W)(6")(SLD)(090 MIL)(W/ CONTRAST)	LF	13,982.00	\$2.00	\$27,964.00
2-B17	REFL. PAVEMENT MARKING TYPE 1 (W)(8")(SLD)(090 MIL)	LF	2,033.00	\$4.30	\$8,741.90
2-B18	TY-II-A-A RAISED PAVEMENT MARKER (REFLECTORIZED)@20'	EA	408.00	\$16.00	\$6,528.00
2-B19	TY-II-A-A RAISED PAVEMENT MARKER (REFLECTORIZED)@40'	EA	480.00	\$16.00	\$7,680.00
2-B20	TY-II-C-R RAISED PAVEMENT MARKER (REFLECTORIZED)	EA	372.00	\$16.00	\$5,952.00
2-B21	REMOVE SM RD SN SUP & AM	EA	60.00	\$77.00	\$4,620.00

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Item	Description	Unit	Quantity	Bay Ltd	Total
2-B22	IN SM RD SN SUP & AM TY 10BWG (1)SA(P)	EA	60.00	\$860.00	\$51,600.00
2-B23	ALLOWANCE FOR UNANTICIPATED STREET IMPROVEMENTS	AL	1.00	\$350,000.00	\$350,000.00
Sub Totals					\$16,624,080.50

Traffic Signal Improvements

2-C1	MOBILIZATION (MAX. 5% OF PART D)	LS	1.00	\$25,000.00	\$25,000.00
2-C2	DRILL SHAFT (TRF SIG POLE) (24 IN)	LF	12.00	\$170.00	\$2,040.00
2-C3	DRILL SHAFT (TRF SIG POLE) (36 IN)	LF	56.00	\$420.00	\$23,520.00
2-C4	CONDT (PVC) (SCHD 40) (2")	LF	500.00	\$16.25	\$8,125.00
2-C5	CONDT (PVC) (SCHD 40) (4")	LF	400.00	\$24.00	\$9,600.00
2-C6	CONDT (PVC) (SCHD 40) (2") (BORE)	LF	550.00	\$45.00	\$24,750.00
2-C7	CONDT (PVC) (SCHD 40) (4") (BORE)	LF	550.00	\$59.00	\$32,450.00
2-C8	2 CONDR (NO. 12) WITH GROUND (LUMINAIRE WIRE)	LF	950.00	\$2.00	\$1,900.00
2-C9	ELEC CONDR (NO. 6) BARE	LF	37.00	\$2.70	\$99.90
2-C10	ELEC CONDR (NO. 6) INSULATED	LF	74.00	\$3.00	\$222.00
2-C11	ELEC CONDR (NO. 8) BARE	LF	1,512.00	\$2.60	\$3,931.20
2-C12	TRAY CABLE (3 CONDR) (12 AWG)	LF	1,317.00	\$3.10	\$4,082.70
2-C13	TRAY CABLE (3 CONDR) (14 AWG)	LF	875.00	\$3.30	\$2,887.50
2-C14	GROUND BOX TY D WITH APRON	EA	10.00	\$1,700.00	\$17,000.00
2-C15	INSTALL HWY TRF SIG (ISOLATED)	EA	1.00	\$4,700.00	\$4,700.00
2-C16	TEMP TRAF SIGNALS	EA	1.00	\$47,300.00	\$47,300.00
2-C17	ELC SRV TY D 120/240 060 (NS)SS(E)PS(U)	EA	1.00	\$7,000.00	\$7,000.00
2-C18	ILSN (LED) 8S (DURALIGHT) (FIXED MOUNT)	EA	4.00	\$6,100.00	\$24,400.00
2-C19	REMOVING TRAFFIC SIGNALS	EA	1.00	\$3,400.00	\$3,400.00
2-C20	LOUVERED VACUUM FORMED ABS BACK PLATE (12")(3 SEC)	EA	8.00	\$260.00	\$2,080.00
2-C21	LOUVERED VACUUM FORMED ABS BACK PLATE (12")(4 SEC)	EA	4.00	\$300.00	\$1,200.00

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Item	Description	Unit	Quantity	Bay Ltd	Total
2-C22	DURALIGHT COUNTDOWN PEDESTRIAN SIGNAL MODULE (16 INCH)		2.00	\$810.00	\$1,620.00
		EA			
2-C23	TRF SIG CBL (TY A) (12 AWG) (4 CONDR)		294.00	\$2.00	\$588.00
		LF			
2-C24	TRF SIG CBL (TY A) (14 AWG) (5 CONDR)		327.00	\$2.40	\$784.80
		LF			
2-C25	TRF SIG CBL (TY A) (14 AWG) (7 CONDR)		237.00	\$3.00	\$711.00
		LF			
2-C26	TRF SIG CBL (TY A) (14 AWG) (16 CONDR)		698.00	\$4.90	\$3,420.20
		LF			
2-C27	INS TRF SIG PL AM(S)1 ARM (36') LUM & ILSN		2.00	\$25,300.00	\$50,600.00
		EA			
2-C28	INS TRF SIG PL AM(S)1 ARM (44') LUM & ILSN		2.00	\$28,300.00	\$56,600.00
		EA			
2-C29	PED POLE ASSEMBLY	EA	8.00	\$1,600.00	\$12,800.00
2-C30	POLARA PUSH BUTTON (APS) W/R10-3E SIGN	EA	8.00	\$1,200.00	\$9,600.00
2-C31	PED DETECTOR CONTROLLER UNIT	EA	1.00	\$4,900.00	\$4,900.00
2-C32	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (GRN)	EA	8.00	\$410.00	\$3,280.00
2-C33	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (GRN ARW)	EA	4.00	\$410.00	\$1,640.00
2-C34	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (YEL)	EA	8.00	\$410.00	\$3,280.00
2-C35	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (YEL ARW)	EA	4.00	\$410.00	\$1,640.00
2-C36	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (RED)	EA	8.00	\$410.00	\$3,280.00
2-C37	LED TRAFFIC SIGNAL MODULE - VEH SIG SEC (12") LED (RED ARW)	EA	4.00	\$410.00	\$1,640.00
2-C38	ALPHA FXM 2000 UNINTERRUPTIBLE POWER SUPPLY WITH CABINET	EA	1.00	\$10,700.00	\$10,700.00

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Item	Description	Unit	Quantity	Bay Ltd	Total
2-C39	RADAR PRESENCE DETECTOR (WAVETRONIX)	EA	2.00	\$11,500.00	\$23,000.00
2-C40	RADAR PRESENCE DETECTOR COMM & POWER CABLE (SMARTSENSOR 6/C)	LF	782.00	\$3.40	\$2,658.80
2-C41	CAMERA PTZ (PELCO SPECTRA ENHANCED SERIES) WITH PELCO PA402 MOUNT	EA	1.00	\$6,100.00	\$6,100.00
2-C42	ETHERNET CABLE CAT5E FOR PTZ	LF	368.00	\$3.10	\$1,140.80
2-C43	ARC6 6-SENSOR CABINET INTERFACE DEVICE	EA	1.00	\$8,800.00	\$8,800.00
2-C44	DATA AGGREGATOR DA-400, POWER/COMM CABLE AND 5-BAND ANTENNA	EA	1.00	\$7,400.00	\$7,400.00
2-C45	MAST ARM DAMPING PLATE	EA	4.00	\$5,300.00	\$21,200.00
2-C46	CONTROLLER CABINET (TS-2) WITH EXTENSION	EA	1.00	\$25,000.00	\$25,000.00
2-C47	NEMA TYPE CONTROLLER FOUNDATION	EA	1.00	\$3,900.00	\$3,900.00
2-C48	CONTROLLER ECONOLITE COBALT	EA	1.00	\$5,700.00	\$5,700.00
2-C49	MMU2-16LEIP WITH ETHERNET PORT	EA	1.00	\$3,200.00	\$3,200.00
2-C50	CISCO ETHERNET 4000 SWITCH (IE-4000- 8GT8GP4G-E) AND POWER SUPPLY (PWR- IE170W-PC-AC=)	EA	1.00	\$12,100.00	\$12,100.00
2-C51	MIMOSA-B5 BACKHAUL RADIO	EA	1.00	\$7,400.00	\$7,400.00
2-C52	ALLOWANCE FOR UNANTICIPATED TRAFFIC SIGNAL IMPROVEMENTS	AL	1.00	\$30,000.00	\$30,000.00
Sub Totals					\$570,371.90

ADA Improvements

2-D1	MOBILIZATION (5%)	LS	1.00	\$60,000.00	\$60,000.00
2-D2	CONCRETE SIDEWALKS	SF	24,750.00	\$10.00	\$247,500.00
2-D3	CONCRETE CURB RAMPS	SF	4,386.00	\$32.00	\$140,352.00
2-D4	CONCRETE MULTI-USE PATH	SF	102,000.00	\$7.70	\$785,400.00

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Item	Description	Unit	Quantity	Bay Ltd	Total
2-D5	ALLOWANCE FOR UNANTICIPATED ADA IMPROVEMENTS	AL	1.00	\$10,000.00	\$10,000.00
Sub Totals					\$1,243,252.00

Storm Water Improvements

2-E1	MOBILIZATION (5%)	LS	1.00	\$260,000.00	\$260,000.00
2-E2	CONCRETE CURB	LF	11,700.00	\$29.00	\$339,300.00
2-E3	CLEANING AND RESHAPING DITCHES	LF	13,758.00	\$7.60	\$104,560.80
2-E4	REMOVE EXISTING INLET OR MANHOLE	EA	10.00	\$1,600.00	\$16,000.00
2-E6	6' DIAMETER CONCRETE MANHOLE (TYPE-A)	EA	2.00	\$12,100.00	\$24,200.00
2-E7	7' DIAMETER CONCRETE MANHOLE (TYPE-A)	EA	2.00	\$13,300.00	\$26,600.00
2-E8	8' DIAMETER CONCRETE MANHOLE (TYPE-A)	EA	5.00	\$15,200.00	\$76,000.00
2-E9	REMOVE EXISTING REINFORCED CONCRETE PIPE (12" - 60")	LF	4,685.00	\$21.00	\$98,385.00
2-E10	5' CONCRETE CURB INLET	EA	48.00	\$8,400.00	\$403,200.00
2-E11	5' X 5' CONCRETE POST INLET	EA	7.00	\$8,400.00	\$58,800.00
2-E12	PRECAST SAFETY END TREATMENT	EA	34.00	\$3,400.00	\$115,600.00
2-E13	18" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	1,122.00	\$140.00	\$157,080.00
2-E14	24" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	1,471.00	\$220.00	\$323,620.00
2-E15	30" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	308.00	\$240.00	\$73,920.00
2-E16	36" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	1,310.00	\$270.00	\$353,700.00
2-E17	36" DIAMETER REINFORCED CONCRETE PIPE (CLASS IV)	LF	674.00	\$280.00	\$188,720.00
2-E18	42" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	1,499.00	\$330.00	\$494,670.00
2-E19	48" DIAMETER REINFORCED CONCRETE PIPE (CLASS III)	LF	1,540.00	\$340.00	\$523,600.00

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Item	Description	Unit	Quantity	Bay Ltd	Total
2-E20	4' X 3' CONCRETE BOX CULVERT (CLASS III)	LF	1,331.00	\$480.00	\$638,880.00
2-E21	4' X 4' CONCRETE BOX CULVERT (CLASS III)	LF	1,267.00	\$530.00	\$671,510.00
2-E22	TRENCH SAFETY (STORM WATER INLETS OR MANHOLES)	EA	63.00	\$350.00	\$22,050.00
2-E23	TRENCH SAFETY (STORM WATER LINE)	LF	10,460.00	\$3.20	\$33,472.00
2-E24	STORMWATER TIE-IN TO EXISTING STRUCTURE	EA	4.00	\$2,200.00	\$8,800.00
2-E25	CONTROL OF GROUNDWATER	LF	7,700.00	\$20.00	\$154,000.00
2-E26	ALLOWANCE FOR UNANTICIPATED STORM WATER IMPROVEMENTS	AL	1.00	\$250,000.00	\$250,000.00
Sub Totals					\$5,416,667.80

Water Improvements

2-F1	MOBILIZATION (5%)	LS	1.00	\$290,000.00	\$290,000.00
2-F2	6" DIP WATERLINE	LF	75.00	\$690.00	\$51,750.00
2-F3	8" DIP WATERLINE	LF	428.00	\$160.00	\$68,480.00
2-F4	12" DIP WATERLINE	LF	723.00	\$340.00	\$245,820.00
2-F5	16" DIP WATERLINE	LF	10.00	\$1,100.00	\$11,000.00
2-F6	18" DIP WATERLINE	LF	41.00	\$440.00	\$18,040.00
2-F7	24" DIP WATERLINE	LF	52.00	\$490.00	\$25,480.00
2-F8	30" DIP WATERLINE	LF	67.00	\$830.00	\$55,610.00
2-F9	6" PVC C900 WATERLINE	LF	39.00	\$240.00	\$9,360.00
2-F10	8" PVC C900 WATERLINE	LF	1,380.00	\$150.00	\$207,000.00
2-F11	10" PVC C900 WATERLINE	LF	121.00	\$150.00	\$18,150.00
2-F12	12" PVC C900 WATERLINE	LF	12,526.00	\$170.00	\$2,129,420.00
2-F13	18" PVC C900 WATERLINE	LF	31.00	\$400.00	\$12,400.00
2-F14	24" PVC C900 WATERLINE	LF	1,349.00	\$310.00	\$418,190.00
2-F15	8" 22.5 ° BEND DIMJ	EA	2.00	\$550.00	\$1,100.00
2-F16	16" 45° BEND DIMJ	EA	2.00	\$1,800.00	\$3,600.00
2-F17	18" 45° BEND DIMJ	EA	6.00	\$2,600.00	\$15,600.00
2-F18	24" 45° BEND DIMJ	EA	4.00	\$4,500.00	\$18,000.00
2-F19	30" 45° BEND DIMJ	EA	6.00	\$9,600.00	\$57,600.00

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Item	Description	Unit	Quantity	Bay Ltd	Total
2-F20	6" 45° BEND DIMJ	EA	3.00	\$420.00	\$1,260.00
2-F21	8" 45° BEND DIMJ	EA	54.00	\$540.00	\$29,160.00
2-F22	12 "45° BEND DIMJ	EA	79.00	\$1,000.00	\$79,000.00
2-F23	18" X 18" DIMJ TEE	EA	1.00	\$4,600.00	\$4,600.00
2-F24	12" x 6" DIMJ TEE	EA	2.00	\$1,200.00	\$2,400.00
2-F25	12" X 8" DIMJ TEE	EA	11.00	\$1,400.00	\$15,400.00
2-F26	12" x 10" DIMJ TEE	EA	1.00	\$1,600.00	\$1,600.00
2-F27	12" x 12" DIMJ TEE	EA	2.00	\$1,600.00	\$3,200.00
2-F28	24" x 24" TEE W/ 16" REDUCER	EA	1.00	\$9,200.00	\$9,200.00
2-F29	24" x 24" DIMJ TEE	EA	1.00	\$6,600.00	\$6,600.00
2-F30	WATER CONNECTION (30 INCH)	EA	1.00	\$17,400.00	\$17,400.00
2-F31	8" GATE VALVE	EA	10.00	\$2,200.00	\$22,000.00
2-F32	10" GATE VALVE	EA	1.00	\$3,300.00	\$3,300.00
2-F33	12" GATE VALVE	EA	27.00	\$3,900.00	\$105,300.00
2-F35	24" BUTTERFLY VALVE	EA	2.00	\$12,500.00	\$25,000.00
2-F36	30" BUTTERFLY VALVE WITH 24" DIMJ REDUCER	EA	1.00	\$33,800.00	\$33,800.00
2-F37	24" BLOW OFF DRAIN W/ DRAIN MH	EA	2.00	\$52,300.00	\$104,600.00
2-F38	24" COMB VACUUM AIR RELEASE W SERVICE MH	EA	3.00	\$42,400.00	\$127,200.00
2-F39	12" COMB VACUUM AIR RELEASE W SERVICE MH	EA	13.00	\$17,900.00	\$232,700.00
2-F40	3/4" WATER SERVICE LINE W/ METER	EA	47.00	\$1,100.00	\$51,700.00
2-F41	TYPE 1 FIRE HYDRANT ASSEMBLY	EA	34.00	\$9,800.00	\$333,200.00
2-F42	TYPE 1 FIRE HYDRANT LONG	EA	20.00	\$9,800.00	\$196,000.00
2-F43	ACP HANDLING, REMOVAL, AND DISPOSAL	EA	3,578.00	\$47.00	\$168,166.00
2-F44	CONNECTION (6 INCH)	EA	5.00	\$3,600.00	\$18,000.00
2-F45	CONNECTION (8 INCH)	EA	13.00	\$3,600.00	\$46,800.00
2-F46	CONNECTION (12 INCH)	EA	4.00	\$4,100.00	\$16,400.00
2-F47	CONNECTION (16 INCH)	EA	1.00	\$5,100.00	\$5,100.00
2-F48	CONNECTION (18 INCH)	EA	1.00	\$6,600.00	\$6,600.00
2-F49	CONNECTION (24 INCH)	EA	2.00	\$7,100.00	\$14,200.00
2-F50	PIPE TRENCH SAFETY	LF	16,338.00	\$3.70	\$60,450.60

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Item	Description	Unit	Quantity	Bay Ltd	Total
2-F51	CONTROL OF GROUNDWATER	LF	15,390.00	\$20.00	\$307,800.00
2-F52	STEEL CASING (14 INCHES)	LF	35.00	\$520.00	\$18,200.00
2-F53	STEEL CASING (36 INCHES)	LF	20.00	\$690.00	\$13,800.00
2-F54	8"x6" DIMJ REDUCER	EA	1.00	\$460.00	\$460.00
2-F55	REMOVE EXIST WATER VAULT	EA	1.00	\$5,300.00	\$5,300.00
2-F56	ALLOWANCE FOR UNANTICIPATED WATER IMPROVEMENTS	AL	1.00	\$250,000.00	\$250,000.00
Sub Totals					\$5,992,496.60

Waste Water Improvements

2-G1	MOBILIZATION (5%)	LS	1.00	\$265,000.00	\$265,000.00
2-G2	REMOVE EXISTING WASTEWATER MANHOLE	EA	10.00	\$4,600.00	\$46,000.00
2-G3	4' DIAMETER WASTEWATER MANHOLE (6' DEPTH OR LESS)(FIBERGLASS)	EA	24.00	\$15,900.00	\$381,600.00
2-G4	EXTRA DEPTH FOR 4' DIAMETER WASTEWATER MANHOLE (OVER 6' DEPTH)(FIBERGLASS)	VF	202.00	\$1,300.00	\$262,600.00
2-G5	ADJUST EXISTING WASTEWATER MANHOLE RIM TO GRADE	EA	12.00	\$3,400.00	\$40,800.00
2-G6	6" SDR 26 PVC WASTEWATER MAIN	LF	53.00	\$160.00	\$8,480.00
2-G7	8" SDR 26 PVC WASTEWATER MAIN	LF	1,366.00	\$180.00	\$245,880.00
2-G8	18" SDR 26 PVC SANITARY SEWER	LF	2,450.00	\$640.00	\$1,568,000.00
2-G9	14" DUCTILE IRON PIPE FOR FORCE MAIN	LF	3,026.00	\$440.00	\$1,331,440.00
2-G10	24" SDR 26 PVC SANITARY SEWER	LF	700.00	\$730.00	\$511,000.00
2-G11	TEMPORARY BY-PASS PUMPING	LS	1.00	\$306,900.00	\$306,900.00
2-G12	TRENCH SAFETY (WASTEWATER MANHOLES)	EA	24.00	\$1,300.00	\$31,200.00
2-G13	TRENCH SAFETY FOR SANITARY SEWER	LF	7,595.00	\$13.00	\$98,735.00
2-G14	SERVICE CONNECTION AND CLEANOUT	EA	40.00	\$3,500.00	\$140,000.00
2-G15	CONTROL OF GROUNDWATER	LF	4,500.00	\$36.00	\$162,000.00

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Item	Description	Unit	Quantity	Bay Ltd	Total
2-G16	ALLOWANCE FOR UNANTICIPATED WASTEWATER IMPROVEMENTS	AL	1.00	\$150,000.00	\$150,000.00
Sub Totals					\$5,549,635.00
Gas Improvements					
2-H1	MOBILIZATION (5%)	LS	1.00	\$20,000.00	\$20,000.00
2-H2	EXCAVATION, BACKFILL, AND COMPACTION OF GAS LINE (4")	LF	13,274.00	\$19.50	\$258,843.00
2-H3	EXCAVATION, BACKFILL, AND COMPACTION OF GAS LINE (8")	LF	4,533.00	\$19.25	\$87,260.25
2-H4	ADJUST EXISTING GAS VALVE BOX TO FINISHED GRADE	EA	10.00	\$1,600.00	\$16,000.00
2-H5	REMOAL OF 8" STEEL GAS LINE	LF	7,504.00	\$9.60	\$72,038.40
2-H6	ALLOWANCE FOR UNANTICIPATED GAS IMPROVEMENTS	AL	1.00	\$5,000.00	\$5,000.00
Sub Totals					\$459,141.65
IT. Improvements					
2-I1	MOBILIZATION (5%)	LS	1.00	\$10,000.00	\$10,000.00
2-I2	2" PVC SCHEDULE 40 I.T. CONDUIT WITH PULL STRING AND MULE TAPE	LF	13,300.00	\$13.50	\$179,550.00
2-I3	24"X36"X18" I.T. PULL BOX (INSTALLATION ONLY)	EA	19.00	\$1,400.00	\$26,600.00
Sub Totals					\$216,150.00
Grand Total					\$41,759,977.55