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March 13, 2025

Mr. Jaime Dino Project Manager City of League City 300 W. Walker St. League City, Texas 77573

Re: Letter of Recommendation for Phase 2 Reconstruction of Turner Street and Butler Road

Bid No. 25-014

Dear Mr. Dino:

On February 27, 2025, the City of League City received eight (8) bids for the above referenced project. Two bidders were disqualified for not following the general Instruction to Bidders. The project involves the removal and replacement of approximately 6,790 SY of existing asphalt paved roadway with approximately 12,280 SY of 7" jointed reinforced concrete pavement on 8" lime treated subgrade complete with storm sewer pipes, boxes and inlets, 6" curbs, sidewalks, signing and pavement marking, approximately 1,640 LF of 24" water line and fire hydrants, and utility relocations, all complete and in place.

The project was bid with a base bid and one (1) Add Alternate. Add Alternate No. 1 included the removal and replacement of approximately 6,550 SY of existing asphalt paved roadway with approximately 9,411 SY of jointed reinforced concrete pavement on 8" lime treated subgrade complete with storm sewer pipes, boxes and inlets, 6" curbs, sidewalks, approximately 2,226 LF of 8" and 6" water lines, fire hydrants, approximately 2,250 LF of 6" gravity sewer, manholes, and utility relocations, all complete and in place. In addition, an alternate bid item was included. For areas located outside of the vehicular pavement, unit prices were requested for polypropylene pipe in lieu of reinforced concrete pipe (RCP). Based on input received from City staff, Add Alternate No. 1 was considered for award.

Our review of the bid tabulation confirms that **Lucas Construction Company, Inc.** is the low bidder after considering the number of calendar days in the A+B bidding formula.

The bids were checked for mathematical errors and/or bid irregularities. Errors and irregularities are shown in the attached tabulation with red text. Please note that our evaluation of the bids does not include an evaluation of the other bid documents (insurance, financial statements, bid bonds, etc.).



A summary of the bids from the qualifying firms is as follows:

Bidder	Total Bid (Base Bid + Add Alternate No. 1)	Total Calendar Days Bid				
Lucas Construction Company, Inc.	\$6,112,750.20	420				
SER Construction Partners	\$6,629,159.68	360				
Cracon, Inc.	\$7,588,706.60	480				
Environmental Allies	\$8,252,781.75	510				
Hassell Construction Group	\$8,578,253.00	532				
Ballast Point Construction, Inc.	\$9,038,898.40	510				

Lucas Construction Company, Inc. has several on-going and recently completed projects throughout Galveston County with scope similar to this project. FNI currently has a contract to perform part time inspection for a County-wide drainage and pavement improvement project where Lucas Construction is the contractor. The project has gone relatively smoothly and FNI has not observed any major issues with their workmanship, quality or ability to work with the adjacent residents.

Lucas Construction Company, Inc. appears to be a responsible firm that is capable of performing the specified work in a satisfactory manner. For these reasons, we recommend that the City of League City award the **Phase 2 Reconstruction of Turner Street and Butler Road** project to Lucas Construction Company Inc. for a total of **\$6,112,750.20**.

Sincerely,

James "JB" Ferguson, P.E.

Associate | Group Manager (Transportation)

<u>Attachments</u>

Attachment 1 – Detailed Bid Tabulation

		F	Butle	er Rd	and Tu	rner St	t Recon	struct	ion Bid	Tabul	lations						
				Engineer's Estimate		Ballast Point Construction		Cracon		Environmental Allies		Hassell Construction Group		Lucas Construction Company		SER Construction Partners	
ITEM	DESCRIPTION	UNIT	QTY		BASE BID ITEMS TOTAL	UNIT PRICE	TOTAL	(Roundabout UNIT PRICE		UNIT PRICE		UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
2	MOBILIZATION (Max 4% of Base Bid Items Excluding Extra Items) BABRICADES, SIGNS AND TRAFFIC HANDLING PROJECT SIGN	LS LS EA	1 1	\$184,015.59 \$72,000.00 \$2,000.00	\$184,015.59 \$72,000.00 \$2,000.00	\$114,500.00 \$40,000.00 \$2,025.00	\$114,500.00 \$40,000.00 \$2,025.00	\$145,000.00 \$76,000.00 \$1,500.00	\$145,000.00 \$76,000.00 \$1,500.00	\$95,000.00 \$18,000.00 \$1,350.00	\$95,000.00 \$18,000.00 \$1,350.00	\$178,000.00 \$44,370.00 \$1,585.00	\$178,000.00 \$44,370.00 \$1.585.00	\$94,000.00 \$50,000.00 \$1,500.00	\$94,000.00 \$50,000.00 \$1,500.00	\$130,000.00 \$10,000.00 \$1,300.00	\$130,000.00 \$10,000.00 \$1 300.00
	REMOVE CONCRETE PAVEMENT (10-INCH) REMOVE CONCRETE DRIVEWAYS (6-INCH)	SY	1,120 130	\$20.00 \$18.00	\$22,400.00 \$2,340.00	\$11.00 \$9.00	\$12,320.00 \$1,170.00	\$7.00 \$7.00	\$7,840.00 \$910.00	\$13.00 \$16.00	\$14,560.00 \$2,080.00	\$17.75 \$16.25	\$19,880.00 \$2,112.50	\$9.00 \$8.00	\$10,080.00 \$1,040.00	\$11.10 \$12.80	\$12,432.00 \$1,664.00 \$7,668.00
6 7 8	REMOVE CONCRETE SIDEWALK (4-INCH) REMOVE ASPHALT PAVEMENT & BASE (4-INCH) REMOVE GRAVEL DRIVEWAYS (4-INCH)	SY SY SY	6,790 25	\$15.00 \$10.00 \$7.00	\$16,200.00 \$67,900.00 \$175.00	\$7.00 \$11.00 \$14.00	\$7,560.00 \$74,690.00 \$350.00	\$7.00 \$12.00 \$6.00	\$7,560.00 \$81,480.00 \$150.00	\$11.00 \$12.00 \$15.00	\$11,880.00 \$81,480.00 \$375.00	\$8.65 \$8.00 \$7.40	\$9,342.00 \$54,320.00 \$185.00	\$6.00 \$2.80 \$10.00	\$6,480.00 \$19,012.00 \$250.00	\$7.10 \$7.60 \$6.80	\$51,604.00 \$170.00
9	REMOVE PIPE (12-INCH TO 24-INCH)  REMOVE & REPLACE BRICKWALL (NOTE: "CONTRACTOR TO REMOVE EXISTING BRICK WALL, AND DESIGN/CONSTRUCT AT NEW ROW UINE. DESIGN OR SHOP DRAWING WILL NEED TO BE  DESIGNED BY STATE OF TEXAS REGISTERED STRUCTURAL ENGINEER.")	LF LF	120	\$20.00	\$6,800.00	\$32.00	\$10,880.00	\$14.00	\$4,760.00	\$25.00	\$8,500.00	\$61.45	\$20,893.00	\$13.00	\$4,420.00	\$24.80	\$8,432.00
12	REMOVE & RELOCATE MAILBOX REMOVE SMALL ROAD SIGN (INCLUDING ASSEMBLY)	EA EA	3	\$150.00 \$85.00	\$450.00 \$2,550.00	\$2,025.00 \$270.00	\$6,075.00 \$8,100.00	\$231.00 \$116.00	\$693.00 \$3,480.00	\$300.00 \$150.00	\$900.00 \$4,500.00	\$760.00 \$210.00	\$2,280.00 \$6,300.00	\$250.00 \$200.00	\$750.00 \$6,000.00	\$210.90 \$55.50	\$632.70 \$1,665.00
13 14 15	REMOVE ASPHALT DRIVEWAYS (4") REMOVE STORM INLET REMOVE STORM MANHOLE	EA EA	90 4 1	\$10.00 \$1,500.00 \$2,000.00	\$900.00 \$6,000.00 \$2,000.00	\$14.00 \$675.00 \$743.00	\$1,260.00 \$2,700.00 \$743.00	\$7.00 \$520.00 \$520.00	\$630.00 \$2,080.00 \$520.00	\$15.00 \$1,000.00 \$1,500.00	\$1,350.00 \$4,000.00 \$1,500.00	\$11.00 \$630.00 \$1,120.00	\$990.00 \$2,520.00 \$1,120.00	\$10.00 \$750.00 \$800.00	\$900.00 \$3,000.00 \$800.00	\$19.50 \$580.00 \$768.30	\$1,755.00 \$2,320.00 \$768.30
16 17	REMOVE PEDESTRIAN RAMP PREPARE ROW (INCLUDING TREE REMOVAL AND DISPOSAL, AS DESIGNATED BY ENGINEERING PLAN SET)	SY	31 35	\$15.00 \$6,000.00	\$465.00 \$210,000.00	\$14.00 \$2,700.00	\$434.00 \$94,500.00	\$4.00	\$124.00 \$70,000.00	\$25.00 \$1,750.00	\$775.00 \$61,250.00	\$44.00 \$7,430.00	\$1,364.00 \$260,050.00	\$20.00 \$900.00	\$620.00 \$31,500.00	\$7.50 \$510.00	\$232.50 \$17,850.00
20	ROADWAY EXCAVATION ROADWAY EMBANKMENT (COMPACTED & GRADED) LIME (HYD, COM, OR QK-SLURRY)[8W) LIME TREATED SUBGRADE (8")	CY CY TON SY	5,900 3,630 329 13,600	\$25.00 \$30.00 \$350.00 \$5.00	\$147,500.00 \$108,900.00 \$115,150.00 \$68,000.00	\$30.00 \$11.00 \$352.00 \$10.00	\$177,000.00 \$39,930.00 \$115,808.00 \$136,000.00	\$8.00 \$23.00 \$395.00 \$8.00	\$47,200.00 \$83,490.00 \$129,955.00 \$108,800.00	\$27.00 \$15.00 \$360.00 \$14.00	\$159,300.00 \$54,450.00 \$118,440.00 \$190,400.00	\$23.25 \$18.00 \$410.00 \$6.00	\$137,175.00 \$65,340.00 \$134,890.00 \$81,600.00	\$13.00 \$8.00 \$360.00 \$5.00	\$76,700.00 \$29,040.00 \$118,440.00 \$68,000.00	\$33.00 \$10.00 \$400.00 \$6.20	\$194,700.00 \$36,300.00 \$131,600.00 \$84,320.00
23	CONCRETE PAVEMENT (JOINT REINFORCED) (7") FAST TRACK CONCRETE PAVEMENT (10") ASPHALT PWIT (HOT MIX DENSE GRADED TY. D) (2")	SY SY TON	12,200 261 34	\$80.00 \$300.00 \$290.00	\$976,000.00 \$78,300.00 \$9.860.00	\$69.00 \$97.00 \$275.00	\$841,800.00 \$25,317.00 \$9,350.00	\$95.00 \$137.00 \$243.00	\$1,159,000.00 \$35,757.00 \$8,262.00	\$77.00 \$150.00 \$250.00	\$939,400.00 \$39,150.00 \$8,500.00	\$69.20 \$101.00 \$455.00	\$844,240.00 \$26,361.00 \$15,470.00	\$65.00 \$100.00 \$150.00	\$793,000.00 \$26,100.00 \$5,100.00	\$60.00 \$120.00 \$200.00	\$732,000.00 \$31,320.00 \$6.800.00
26	ASPHALT STABILIZED BASE (12") CONCRETE CURB (TY II) DRIVEWAYS (CONC)(6")	TON LF SY	202 6,364 123	\$200.00	\$40,400.00 \$50,912.00 \$14,760.00	\$305.00 \$7.00 \$87.00	\$61,610.00 \$44,548.00 \$10,701.00	\$160.00 \$10.00 \$66.00	\$32,320.00 \$63,640.00 \$8,118.00	\$230.00 \$12.00 \$130.00	\$46,460.00 \$76,368.00 \$15,990.00	\$224.00 \$5.15 \$63.75	\$45,248.00 \$32,774.60 \$7,841.25	\$130.00 \$4.50 \$95.00	\$26,260.00 \$28,638.00 \$11,685.00	\$140.00 \$4.00 \$158.00	\$28,280.00 \$25,456.00 \$19,434.00
28 29	CONCRETE SIDEWALKS (4") CURB RAMP(TY 4)(INCLUDING LANDING & WARNING PAD)	SY EA	2,544 12	\$60.00	\$152,640.00 \$48,000.00	\$77.00 \$2,025.00	\$195,888.00 \$24,300.00	\$60.00 \$4,500.00	\$152,640.00 \$54,000.00	\$73.00 \$2,200.00	\$185,712.00 \$26,400.00	\$53.60 \$2,155.00	\$136,358.40 \$25,860.00	\$70.00 \$1,400.00	\$178,080.00 \$16,800.00	\$61.00 \$1,360.00	\$155,184.00 \$16,320.00
31	SLOPE PAVING (5") BLOCK SOD HYDROMUCH	SY SY	14 4,281 2,480	\$850.00 \$7.50 \$2.00	\$11,900.00 \$32,107.50 \$4,960.00	\$1,167.00 \$7.00 \$2.00	\$16,338.00 \$29,967.00 \$4,960.00	\$168.00 \$6.00 \$1.00	\$2,352.00 \$25,686.00 \$2,480.00	\$650.00 \$20.00 \$1.25	\$9,100.00 \$85,620.00 \$3,100.00	\$2,825.00 \$8.75 \$1.55	\$39,550.00 \$37,458.75 \$3,844.00	\$500.00 \$8.00 \$1.20	\$7,000.00 \$34,248.00 \$2,976.00	\$940.00 \$5.00 \$1.10	\$13,160.00 \$21,405.00 \$2,728.00
34	INLET (TYPE C) (36"x60") (COMPLETE IN PLACE) INLET (TYPE C) (36"x60") (STAGE I) MANHOLE (48")	EA EA	8 1 3	\$7,450.00 \$8,950.00 \$6,950.00	\$59,600.00 \$8,950.00 \$20,850.00	\$7,587.00 \$5,714.00 \$9.322.00	\$60,696.00 \$5,714.00 \$27,966.00	\$4,355.00 \$3,000.00 \$4,265.00	\$34,840.00 \$3,000.00 \$12,795.00	\$6,000.00 \$2,500.00 \$5,400.00	\$48,000.00 \$2,500.00 \$16,200.00	\$6,000.00 \$3,525.00 \$3,075.00	\$48,000.00 \$3,525.00 \$9,225.00	\$4,800.00 \$3,800.00 \$3,000.00	\$38,400.00 \$3,800.00 \$9,000.00	\$4,756.10 \$3,500.00 \$5,300.00	\$38,048.80 \$3,500.00 \$15,900.00
36 37	JUNCTION BOX (36"x60") JUNCTION BOX (36"x60") W/ TY C CURB INLET TOP	EA EA	1	\$7,950.00	\$7,950.00 \$59,700.00	\$70,946.00 \$16,899.00	\$70,946.00 \$101,394.00	\$7,500.00 \$8,670.00	\$7,500.00 \$52,020.00	\$6,500.00 \$6,500.00	\$6,500.00 \$39,000.00	\$5,480.00 \$7,630.00	\$5,480.00 \$45,780.00	\$4,900.00 \$6,000.00	\$4,900.00 \$36,000.00	\$7,100.00 \$7,900.00	\$7,100.00 \$47,400.00
39 40	18" RCP (INCLUDING BEDDING & BACKFILL) 3"XS" RCB (INCLUDING BEDDING & BACKFILL)	LF LF	454 205 946	\$153.00 \$192.00 \$440.00	\$89,360.00 \$39,360.00 \$416,240.00	\$186.00 \$254.00 \$522.00	\$84,444.00 \$52,070.00 \$493,812.00	\$125.00 \$181.00 \$407.00	\$56,750.00 \$37,105.00 \$385,022.00	\$100.00 \$130.00 \$475.00	\$45,400.00 \$26,650.00 \$449,350.00	\$106.00 \$127.50 \$405.00	\$48,124.00 \$26,137.50 \$383,130.00	\$96.00 \$140.00 \$360.00	\$43,584.00 \$28,700.00 \$340,560.00	\$81.70 \$108.40 \$350.00	\$37,091.80 \$22,222.00 \$331,100.00
41 42	4'X2' RCB (INCLUDING BEDDING & BACKFILL) TIE-IN TO EXIST STORM INSTALL SMALL ROAD SIGN & ASSEMBLY	LF EA EA	784 2 25	\$510.00 \$1,500.00	\$399,840.00 \$3,000.00 \$12.500.00	\$484.00 \$3,375.00 \$810.00	\$379,456.00 \$6,750.00 \$20,250.00	\$382.00 \$3,800.00 \$580.00	\$299,488.00 \$7,600.00 \$14,500.00	\$525.00 \$3,000.00 \$600.00	\$411,600.00 \$6,000.00 \$15,000.00	\$398.00 \$1,910.00 \$975.00	\$312,032.00 \$3,820.00 \$24,375.00	\$340.00 \$500.00 \$1,000.00	\$266,560.00 \$1,000.00 \$25,000.00	\$325.00 \$1,140.00 \$560.00	\$254,800.00 \$2,280.00 \$14,000.00
44 45	REFL PAV MRK TY I (W) 8" (SLD) REFL PAV MRK TY I (W) 12" (SLD)	LF LF	802 325	\$0.90 \$0.90	\$721.80 \$292.50	\$2.80 \$4.20	\$2,245.60 \$1,365.00	\$2.25 \$5.00	\$1,804.50 \$1,625.00	\$2.50 \$4.50	\$2,005.00 \$1,462.50	\$2.45 \$4.90	\$1,964.90 \$1,592.50	\$3.00 \$5.00	\$2,406.00 \$1,625.00	\$1.70 \$3.50	\$1,363.40 \$1,137.50
47	REFL PAV MRK TY I (W) 24" (SLD) REFL PAV MRK TY I (Y) 4" (SLD) REFL PAV MRK TY I (Y) 4" (BRK)	LF LF	57 6,854 742	\$5.00 \$0.15 \$0.15	\$285.00 \$1,028.10 \$111.30	\$11.90 \$1.60 \$1.80	\$678.30 \$10,966.40 \$1,335.60	\$12.00 \$2.00 \$2.00	\$684.00 \$13,708.00 \$1,484.00	\$12.00 \$1.25 \$1.50	\$684.00 \$8,567.50 \$1,113.00	\$9.75 \$1.10 \$1.10	\$555.75 \$7,539.40 \$816.20	\$10.00 \$2.00 \$2.00	\$570.00 \$13,708.00 \$1,484.00	\$10.50 \$0.90 \$1.10	\$598.50 \$6,168.60 \$816.20
50	RED PAINTED CURB WITH NO PARKING LETTERING REFL PAV MRK TY I (Y) 24" (SLD) REFL PAV MRK TY I (W) (WORD)	LF LF EA	816 625 5	\$5.00 \$5.00 \$140.00	\$4,080.00 \$3,125.00 \$700.00	\$3.00 \$8.30 \$203.50	\$2,448.00 \$5,187.50 \$1,017.50	\$3.25 \$9.50 \$225.00	\$2,652.00 \$5,937.50 \$1,125.00	\$3.00 \$10.00 \$275.00	\$2,448.00 \$6,250.00 \$1,375.00	\$2.75 \$9.75 \$354.00	\$2,244.00 \$6,093.75 \$1,770.00	\$2.00 \$9.00 \$200.00	\$1,632.00 \$5,625.00 \$1,000.00	\$2.60 \$8.30 \$188.70	\$2,121.60 \$5,187.50 \$943.50
52 53	REFL PAV MRK TY I (W)(ARROW) RAISED PAVEMENT MARKER CL B REFL (TY II-A-A)	EA EA	9 672	\$130.00 \$4.00	\$1,170.00 \$2,688.00	\$181.50 \$6.60	\$1,633.50 \$4,435.20	\$197.00 \$7.00	\$1,773.00 \$4,704.00	\$225.00 \$6.75	\$2,025.00 \$4,536.00	\$330.00 \$7.35	\$2,970.00 \$4,939.20	\$200.00 \$7.00	\$1,800.00 \$4,704.00	\$183.20 \$6.10	\$1,648.80 \$4,099.20
55	RAISED PAVEMENT MARKER CL B REFL (TY I-C) TRAFFIC BUTTON (TYPE W) TRAFFIC BUTTON (TYPE Y)	EA EA	60 110 450	\$4.00 \$4.00 \$4.00	\$240.00 \$440.00 \$1,800.00	\$6.60 \$6.60 \$6.60	\$396.00 \$726.00 \$2,970.00	\$7.50 \$7.00 \$7.00	\$450.00 \$770.00 \$3,150.00	\$8.00 \$7.00 \$6.00	\$480.00 \$770.00 \$2,700.00	\$7.35 \$7.35 \$7.35	\$441.00 \$808.50 \$3,307.50	\$7.00 \$7.00 \$7.00	\$420.00 \$770.00 \$3,150.00	\$6.70 \$5.60 \$5.60	\$402.00 \$616.00 \$2,520.00
57 58	PVMT SURFACE PREP FOR MRKS BLAST CLEAN (4") PVMT SURFACE PREP FOR MRKS BLAST CLEAN (8") BLAST CLEAN RED PAINTED CURB	LF LF	7,278 978 816	\$0.05 \$0.15	\$363.90 \$146.70 \$916.00	\$0.30 \$0.30 \$1.70	\$2,183.40 \$293.40 \$1,387.20	\$3.00 \$3.00 \$3.00	\$21,834.00 \$2,934.00 \$2,448.00	\$0.25 \$1.00 \$1.00	\$1,819.50 \$978.00 \$816.00	\$0.02 \$0.05 \$0.01	\$145.56 \$48.90 \$8.16	\$0.50 \$0.50 \$0.50	\$3,639.00 \$489.00 \$408.00	\$0.10 \$0.30 \$0.20	\$727.80 \$293.40 \$163.20
60 61	PVMT SURFACE PREP FOR MRK BLAST CLEAN (24") PVMT SURFACE PREP FOR MRK BLAST CLEAN (WORD)	LF EA	670	\$0.50 \$15.00	\$335.00 \$75.00	\$0.40 \$2.20	\$268.00 \$11.00	\$3.00 \$10.00	\$2,010.00 \$50.00	\$1.00 \$100.00	\$670.00 \$500.00	\$0.15 \$6.10	\$100.50 \$30.50	\$1.00 \$10.00	\$670.00 \$50.00	\$0.60 \$7.80	\$402.00 \$39.00
63	PVMT SURFACE PREP FOR MRK BLAST CLEAN (ARROW) TREE PROTECTION REINFORCED FILTER FABRIC FENCE (INSTALL)	LS LF	9 1 1,512	\$15.00 \$10,000.00 \$4.00	\$135.00 \$10,000.00 \$6,048.00	\$2.20 \$5,400.00 \$2.00	\$19.80 \$5,400.00 \$3,024.00	\$10.00 \$50,000.00 \$2.00	\$90.00 \$50,000.00 \$3,024.00	\$100.00 \$5,000.00 \$2.00	\$900.00 \$5,000.00 \$3,024.00	\$6.10 \$24,425.00 \$3.65	\$54.90 \$24,425.00 \$5,518.80	\$10.00 \$10,000.00 \$2.00	\$90.00 \$10,000.00 \$3,024.00	\$7.80 \$20,300.00 \$2.20	\$70.20 \$20,300.00 \$3,326.40
65 66	REINFORCED FILTER FABRIC FENCE (REMOVE) INLET PROTECTION BARRIER (STAGE I) CUBB INLET PROTECTION (STAGE II)	EA EA	1,512 14 21	\$1.00 \$90.00 \$300.00	\$1,512.00 \$1,260.00 \$6,300.00	\$1.00 \$338.00 \$338.00	\$1,512.00 \$4,732.00 \$7,098.00	\$0.20 \$75.00 \$75.00	\$302.40 \$1,050.00 \$1,575.00	\$2.00 \$75.00 \$75.00	\$3,024.00 \$1,050.00 \$1,575.00	\$1.20 \$245.00 \$165.00	\$1,814.40 \$3,430.00 \$3,465.00	\$1.00 \$100.00 \$100.00	\$1,512.00 \$1,400.00 \$2,100.00	\$0.60 \$149.90 \$161.00	\$907.20 \$2,098.60 \$3,381.00
68 69	CONSTRUCTION ENTRANCE/EXIT FURNISH AND INSTALL 4-INCH AWWA C-900 DR-18 PVC PIPE (OPEN-CUT CONSTRUCTION) ALL DEPTHS	SY LF	154 141	\$30.00 \$75.00	\$4,620.00	\$50.00 \$116.00	\$7,700.00 \$16,356.00	\$35.00 \$27.50	\$5,390.00 \$3,877.50	\$25.00 \$65.00	\$3,850.00 \$9,165.00	\$40.76 \$55.00	\$6,277.04 \$7,755.00	\$10.00 \$70.00	\$1,540.00 \$9,870.00	\$42.20 \$120.50	\$6,498.80 \$16,990.50
70	FURNISH AND INSTALL 8-INCH AWWA C-900 DR-18 PVC PIPE (OPEN-CUT CONSTRUCTION) ALL DEPTHS	LF	20	\$150.00	\$3,000.00	\$251.00	\$5,020.00	\$66.50	\$1,330.00	\$175.00	\$3,500.00	\$87.00	\$1,740.00	\$200.00	\$4,000.00	\$251.20	\$5,024.00
71 72	FURNISH AND INSTALL 24-INCH AWWA C-900 DR-18 PVC PIPE (OPEN-CUT CONSTRUCTION) ALL DEPTHS TRENCH SAFETY SYSTEM PLAN AND IMPLEMENTATION	LF LF	1,640 1,750	\$455.00 \$5.00	\$746,200.00 \$8.750.00	\$344.00 \$1.00	\$564,160.00 \$1,750.00	\$265.00 \$0.10	\$434,600.00 \$175.00	\$253.00 \$1.00	\$414,920.00 \$1,750.00	\$298.00 \$4.90	\$488,720.00 \$8,575.00	\$210.00 \$1.00	\$344,400.00 \$1,750.00	\$207.60 \$0.10	\$340,464.00 \$175.00
73 74 75	WET CONNECTION TO EXISTING 4-INCH WATERLINE WET CONNECTION TO EXISTING 3-INCH WATERLINE WET CONNECTION TO EXISTING 24-INCH WATERLINE	EA EA	2	\$3,800.00	\$7,600.00 \$7,500.00	\$2,572.00 \$2,769.00 \$25,178.00	\$5,144.00 \$2,769.00 \$50,356.00	\$1,095.00 \$1,265.00	\$2,190.00 \$1,265.00	\$1,500.00 \$2,500.00 \$24,000.00	\$3,000.00 \$2,500.00 \$48,000.00	\$4,610.00 \$4,850.00	\$9,220.00 \$4,850.00	\$2,000.00 \$4,000.00	\$4,000.00 \$4,000.00 \$60,000.00	\$1,617.70 \$1,840.00	\$3,235.40 \$1,840.00
76 77	CUT, CAP AND GROUT EXISTING WATERLINE (ALL SIZES) (3-SACK GROUT MIX) FURNISH AND INSTALL 4-INCH GATE VALVE	EA LF EA	1,680 1	\$25.00	\$42,000.00 \$2,000.00	\$30.00 \$3,483.00	\$50,400.00 \$3,483.00	\$26,500.00 \$29.00 \$1,550.00	\$53,000.00 \$48,720.00 \$1,550.00	\$38.00 \$2,000.00	\$63,840.00 \$2,000.00	\$30,150.00 \$77.65 \$2,600.00	\$60,300.00 \$130,452.00 \$2,600.00	\$30,000.00 \$30.00 \$1,300.00	\$50,400.00 \$1,300.00	\$23,000.00 \$35.40 \$1,570.00	\$46,000.00 \$59,472.00 \$1,570.00
	FURNISH AND INSTALL 8-INCH GATE VALVE FURNISH AND INSTALL 24-INCH BUTTERFLY VALVE INSTALL FIRE HYDRANT ASSEMBLY (INCLUDING 6-INCH LEAD & GATE VALVE)	EA EA	3	\$4,000.00 \$17,000.00 \$12,000.00	\$8,000.00 \$51,000.00 \$36,000.00	\$3,105.00 \$38,745.00 \$13,568.00	\$6,210.00 \$116,235.00 \$40,704.00	\$2,950.00 \$20,000.00 \$12,100.00	\$5,900.00 \$60,000.00 \$36.300.00	\$3,100.00 \$14,025.00 \$9,000.00	\$6,200.00 \$42,075.00 \$27,000.00	\$3,640.00 \$23,500.00 \$14,800.00	\$7,280.00 \$70,500.00 \$44,400.00	\$2,250.00 \$14,000.00 \$9,800.00	\$4,500.00 \$42,000.00 \$29,400.00	\$2,500.00 \$17,800.00 \$11,600.00	\$5,000.00 \$53,400.00 \$34,800.00
0.	RELOCATE EXIST WATER METER TO 24-IN WATER LINE, INCLUDING 1-INCH SERVICE POLY TUBING AND BRASS FITTINGS. (ALL MATERIALS SHALL ADHERE TO STANDARD DETAIL SHEETS)	EA	4	\$1,500.00	\$6,000.00	\$4,156.00	\$16,624.00	\$1,688.00	\$6,752.00	\$750.00	\$3,000.00	\$8,450.00	\$33,800.00	\$2,000.00	\$8,000.00	\$2,800.00	\$11,200.00
82	CRITICAL INVESTIGATION WORK, INCLUDING LOCATING EXISTING WATER LINE AND UNDERGROUND UTILITIES AS NEEDED TO FACILITATE THE PROPOSED WATER LINE INSTALLATION, COMPLETE IN PLACE. IN THE SUM OF 24-INCH INSERTA VALVE ON EXISTING WATER LINE	LS	1	\$1,000.00	\$1,000.00	\$50,000.00	\$50,000.00	\$25,000.00 \$44.500.00	\$25,000.00 \$44,500.00	\$15,000.00 \$67,000.00	\$15,000.00 \$67,000.00	\$200,660.00	\$200,660.00	\$5,000.00	\$5,000.00	\$12,700.00	\$12,700.00 \$98.500.00
84	24-INCH INSERTA VALVE ON EXISTING WATERLINE TEMPORARY FENCING PARALLEL WITH SIDEWALK / WALKWAY FOR PEDESTRIAN SAFETY	EA LS	1	\$4,000.00	\$4,000.00	\$90,450.00	\$90,450.00	\$9,400.00	\$44,500.00	\$30,000.00	\$67,000.00	\$89,950.00	\$16,275.00	\$8,000.00	\$8,000.00	\$98,500.00	\$98,500.00
SUB	TOTAL BASE BID ITEMS			\$4,65	5,455.39		2,456.40		1,380.90	\$4,212	2,662.50	\$4,486	5,189.46	\$3,177	7,159.00	\$3,363	3,844.40
ITEM ALT 1	DESCRIPTION  18" POLYPROPYLENE PIPE (INCLUDING BEDDING & BACKFILL)		QTY 347	UNIT PRICE \$71.21	BASE BID TOTAL \$24,709.87	UNIT PRICE \$161.00	TOTAL \$55,867.00	UNIT PRICE \$105.00	TOTAL \$36,435.00	UNIT PRICE \$85.00	TOTAL \$29,495.00	UNIT PRICE \$94.00	TOTAL \$32,618.00	UNIT PRICE \$82.00	TOTAL \$28,454.00	UNIT PRICE \$61.60	TOTAL \$21,375.20
ALT 2	24* POLYPROPYLENE PIPE (INCLUDING BEDDING & BACKFILL)  24* POLYPROPYLENE PIPE (INCLUDING BEDDING & BACKFILL)  TOTAL - BASE BID ITEMS - RCP + ALTERNATE	LF.	33	\$111.59	\$3,682.47 4,420.73	\$232.00	\$7,656.00	\$140.00	\$4,620.00 \$4,087.90	\$130.00	\$4,290.00 <b>7,457.50</b>	\$109.00	\$3,597.00 \$,414.96	\$130.00	\$4,290.00	\$87.00	\$2,871.00
		T	T				RK ITEMS (AS A										
ITEM	DESCRIPTION  EXTRA EXCAVATION (MACHINE)  EXTRA EXCAVATION (MAND)	UNIT CY CY	QTY 200 100	\$10.00 \$15.00	\$2,000.00 \$1,500	\$10.00 \$15.00	\$2,000.00 \$1,500	\$10.00 \$15.00	\$2,000.00 \$1,500	\$10.00 \$15.00	\$2,000.00 \$1,500	\$10.00 \$15.00	\$2,000.00 \$1,500	\$10.00 \$15.00	**TOTAL \$2,000.00 \$1,500	\$21.90 \$28.00	TOTAL \$4,380.00 \$2,800
EX 1	EXTRA LABOR (SKILLED)  EXTRA LABOR (UNSKILLED)	MH MH CY	100 100	\$35.00 \$25.00	\$3,500 \$2,500 \$4,000	\$35.00 \$35.00 \$25.00 \$20.00	\$3,500 \$2,500 \$4,000	\$35.00 \$25.00 \$20.00	\$3,500 \$2,500 \$4,000	\$35.00 \$35.00 \$25.00 \$20.00	\$3,500 \$2,500 \$4,000	\$35.00 \$25.00 \$23.00	\$3,500 \$2,500 \$4,600	\$35.00 \$25.00 \$20.00	\$3,500 \$2,500 \$4,000	\$35.00 \$28.00 \$27.20	\$3,500 \$2,800 \$5,440
EX 2 EX 3 EX 4		CY	1.000	\$35.00	\$35,000	\$20.00 \$25.00 \$40.00	\$4,000 \$25,000 \$3,200	\$20.00 \$25.00 \$40.00	\$25,000 \$3,200	\$25.00 \$40.00	\$25,000 \$3,200	\$46.00 \$40.00	\$46,000 \$3,200	\$25.00 \$40.00	\$25,000 \$3,200	\$33.30 \$71.00	\$33,300 \$5,680
EX 2 EX 3 EX 4 EX 5 EX 6 EX 7	EXTRA SELECT FILL (COMPACTED TO 95% STD.) WELL POINTING EXTRA CEMENT STABILIZED SAND BACKFILL	LF CY	80		\$3,200						\$4,000						\$6,128
EX 2 EX 3 EX 4 EX 5 EX 6 EX 7 EX 8 EX 9	WELL POINTING  EXTRA CEMENT STABILIZED SAND BACKFILL  EXTRA HOT-MIX ASPHALTIC CONCRETE (TYPE D)  EXTRA HOT-MIX ASPHALTIC CONCRETE (FORMED PLACEMENT)	TON CY	40 40	\$110.00 \$350.00 \$15.00	\$4,400 \$14,000	\$135.00 \$473.00	\$5,400 \$18,920	\$100.00 \$350.00	\$4,000 \$14,000 \$750	\$100.00 \$350.00	\$14,000	\$100.00 \$350.00 \$20.00	\$4,000 \$14,000 \$1,000	\$100.00 \$350.00	\$4,000 \$14,000	\$153.20 \$588.30 \$42.20	\$23,532
EX 2 EX 3 EX 4 EX 5 EX 6 EX 7 EX 8 EX 9	WILL FORWTRIG  EXTRA ELMOST STABILIZED SAND BACKFIL  EXTRA ELMOSTOR SOCKERTE (FIME 0)  EXTRA BENDOSTOR CONCRETE (FIME 0)  EXTRA BENDOSTOR CONCRETE (FIME 0)  EXTRA BASK SAND  EXTRA BASK SAND  EXTRA DUCTULE RIPON HITMOS. COMPLETE IN PLACE  EXTRIPOL FLAG PERSONNEL (FIGOS GUARD FOR STUDENT PEDESTRIANS (REQUIRED AT APACHE GOSSING AND SAND FASTE PLACE)  EXPRIED FLAG PERSONNEL (FIGOS GUARD FOR STUDENT PEDESTRIANS (REQUIRED AT APACHE GOSSING AND SAND FASTE PLACE)  EXPRIED FLAG PERSONNEL (FIGOS GUARD FOR STUDENT PEDESTRIANS (REQUIRED AT APACHE GOSSING AND SAND FASTE PLACE)	CY TON	40	\$110.00 \$350.00 \$15.00 \$4,000.00 \$25.00	\$4,400	\$135.00	\$5,400	\$100.00									\$23,532 \$2,110 \$40,000 \$3,500
EX 2 EX 3 EX 4 EX 5 EX 6 EX 7 EX 8 EX 9 EX 10 EX 11	WRLL POINTING GETRA CEMENT STABILIZED SAND BACKFUL GETRA CHANT STABILIZED SAND BACKFUL GETRA CHANT SAND SAND SAND BACKFUL GETRA GETR	CY TON CY CY TON	40 40 50 4	\$4,000.00	\$4,400 \$14,000 \$750 \$16,000	\$135.00 \$473.00 \$21.00 \$5,400.00	\$5,400 \$18,920 \$1,050 \$21,600	\$100.00 \$350.00 \$15.00 \$4,000.00	\$14,000 \$750 \$16,000	\$350.00 \$15.00 \$4,000.00	\$14,000 \$750 \$16,000	\$350.00 \$20.00 \$10,000.00	\$14,000 \$1,000 \$40,000	\$350.00 \$15.00 \$4,000.00	\$14,000 \$750 \$16,000	\$588.30 \$42.20 \$10,000.00	\$2,110 \$40,000

	Butl	er Rd	and Tu	rner St	Recon	struct	ion Bid	Tabul	lations						
		Engine	er's Estimate		st Point truction	C	racon	Environ	mental Allies		Construction Group		onstruction mpany		nstruction rtners
ITEM DESCRIPTION	UNIT QTY	UNIT PRICE	ADD-ON AL	TERNATE BID UNIT PRICE	TOTAL	R RD (Cross Sp UNIT PRICE	orings Ln to End	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
85 MOBILIZATION (Max 4% of Add-On Alternate Bid Items Excluding Extra Items) 86 BARRICADES, SIGNS AND TRAFFIC HANDLING 87 PROJECT SIGN	LS 1 LS 1 EA 1	\$158,698.79 \$36,000.00 \$2,000.00	\$158,698.79 \$36,000.00 \$2,000.00	\$80,000.00 \$30,000.00 \$2,025.00	\$80,000.00 \$30,000.00 \$2,025.00	\$110,000.00 \$50,000.00 \$1,600.00	\$110,000.00 \$50,000.00 \$1,600.00	\$95,000.00 \$15,000.00 \$1,350.00	\$95,000.00 \$15,000.00 \$1,350.00	\$142,000.00 \$33,500.00 \$1,585.00	\$142,000.00 \$33,500.00 \$1,585.00	\$80,000.00 \$20,000.00 \$1,500.00	\$80,000.00 \$20,000.00 \$1,500.00	\$110,000.00 \$10,000.00 \$1,300.00	\$110,000.00 \$10,000.00 \$1,300.00
88 REMOVE CONCRETE DRIVEWAYS (6-INCH) 89 REMOVE CONCRETE SIDEWALK (4-INCH) 90 REMOVE CONCRETE PAVEMENT (10-INCH)	SY 313 SY 991 SY 209	\$18.00 \$15.00 \$20.00	\$5,634.00 \$14,865.00 \$4,180.00	\$9.00 \$7.00	\$2,817.00 \$6,937.00 \$2,299.00	\$7.00 \$7.00 \$7.00	\$2,191.00 \$6,937.00 \$1,463.00	\$16.00 \$11.00 \$13.00	\$5,008.00 \$10,901.00 \$2,717.00	\$16.25 \$8.65 \$16.25	\$5,086.25 \$8,572.15 \$3,396.25	\$8.00 \$6.00 \$9.00	\$2,504.00 \$5,946.00 \$1,991.00	\$12.80 \$7.20 \$11.10	\$4,006.40 \$7,135.20 \$2,319.90
91 REMOVE ASPHALT PAVEMENT & BASE (4-INCH) 92 REMOVE GRAVEL DRIVEWAYS (4-INCH)	SY 6,340 SY 97	\$7.00	\$63,400.00 \$679.00	\$11.00 \$11.00 \$14.00	\$2,299.00 \$69,740.00 \$1,358.00	\$12.00 \$6.00	\$76,080.00 \$582.00	\$12.00 \$15.00	\$2,717.00 \$76,080.00 \$1,455.00	\$7.40 \$7.40	\$46,916.00 \$717.80	\$2.80 \$10.00	\$1,881.00 \$17,752.00 \$970.00	\$11.10 \$7.60 \$6.90	\$48,184.00 \$669.30
93 REMOVE PIE (12-INCH TO 24-INCH) 94 REMOVE EXIST 2" WATER LINE 05 REMOVE & RELOCATE MAILBOX (INCLUDING TEMPORARY MAILBOXES, AS NEEDED)	LF 553 LF 1,856 EA 10	\$20.00 \$5.00 \$150.00	\$11,060.00 \$9,280.00 \$1,500.00	\$32.00 \$14.00 \$1,350.00	\$17,696.00 \$25,984.00 \$13,500.00	\$13.50 \$11.00 \$235.00	\$7,465.50 \$20,416.00 \$2,350.00	\$25.00 \$16.00 \$600.00	\$13,825.00 \$29,696.00 \$6,000.00	\$61.45 \$9.00 \$1,625.00	\$33,981.85 \$16,704.00 \$16,250.00	\$15.00 \$5.00 \$250.00	\$8,295.00 \$9,280.00 \$2,500.00	\$24.80 \$8.00 \$600.00	\$13,714.40 \$14,848.00 \$6,000.00
95 REMOVE & RELOCATE MALIBOX (INCLUDING TEMPORARY MAILBOXES, AS NEEDED) 96 REMOVE & RELOCATE GATE 97 REMOVE SMALL ROAD SIGN (INCLUDING ASSEMBLY)	EA 10 EA 1 EA 7	\$150.00 \$500.00	\$500.00	\$4,050.00	\$4,050.00 \$1,890.00	\$4,100.00 \$150.00	\$4,100.00 \$1.050.00	\$1,750.00 \$150.00	\$1,750.00 \$1,050.00	\$8,110.00 \$210.00	\$8,110.00 \$1,470.00	\$1,000.00 \$250.00	\$1,000.00 \$1,750.00	\$1,700.00 \$94.40	\$1,700.00
98 REMOVE ASPHALT DRIVEWAYS (4-INCH) 99 REMOVE PEDESTRIAN RAMP	SY 37 SY 31	\$10.00 \$15.00	\$370.00 \$465.00	\$14.00 \$14.00	\$518.00 \$434.00	\$7.00 \$5.00	\$259.00 \$155.00	\$15.00 \$25.00	\$555.00 \$775.00	\$11.00 \$43.50	\$407.00 \$1,348.50	\$10.00 \$20.00	\$370.00 \$620.00	\$19.60 \$6.80	\$725.20 \$210.80
100 PREPARE ROW 101 ROADWAY EXCAVATION 102 ROADWAY EMBANKMENT	STA 33 CY 10,616 CY 366	\$6,000.00 \$25.00 \$30.00	\$198,000.00 \$265,400.00 \$10.980.00	\$2,700.00 \$41.00 \$14.00	\$89,100.00 \$435,256.00 \$5,124.00	\$1,200.00 \$6.00 \$24.00	\$39,600.00 \$63,696.00 \$8.784.00	\$1,750.00 \$27.00 \$15.00	\$57,750.00 \$286,632.00 \$5,490.00	\$7,430.00 \$21.40 \$18.20	\$245,190.00 \$227,182.40 \$6,661.20	\$1,000.00 \$21.00 \$8.00	\$33,000.00 \$222,936.00 \$2,928.00	\$350.00 \$33.00 \$10.00	\$11,550.00 \$350,328.00 \$3.660.00
103 LIME (HYD, COM, OR QK-SLURRY)(8%) 104 LIME TREATED SUBGRADE (8") 105 CONC PAY (JOINT REINF) (7")	TON 253 SY 10,542	\$350.00	\$88,550.00 \$52,710.00	\$432.00 \$10.00	\$109,296.00 \$105,420.00	\$395.00 \$8.00 \$95.00	\$99,935.00 \$84,336.00	\$360.00 \$14.00	\$91,080.00 \$147,588.00	\$410.00 \$6.00 \$66.65	\$103,730.00 \$63,252.00	\$360.00 \$4.50	\$91,080.00 \$47,439.00	\$400.00 \$6.20 \$60.00	\$101,200.00 \$65,360.40
106 ASPHALT PVMT (HOT MIX DENSE GRADED TY.D) (2") 107 ASPHLT STABILIZED BASE (12")	TON 32 TON 190	\$290.00 \$290.00	\$9,280.00 \$38,000.00	\$69.00 \$275.00 \$305.00	\$643,080.00 \$8,800.00 \$57,950.00	\$245.00 \$160.00	\$7,840.00 \$30,400.00	\$77.00 \$250.00 \$230.00	\$717,640.00 \$8,000.00 \$43,700.00	\$455.00 \$224.00	\$621,178.00 \$14,560.00 \$42,560.00	\$65.00 \$150.00 \$130.00	\$605,800.00 \$4,800.00 \$24,700.00	\$200.00 \$140.00	\$6,400.00 \$26,600.00
108   CONCRETE CURB [TY II] 109   DRIVEWAYS (CONC)(6") 110   CONCRETE SIDEWALKS (4")	SY 5,536 SY 670 SY 1,420	\$8.00 \$120.00 \$60.00	\$44,288.00 \$80,400.00 \$85,200.00	\$7.00 \$87.00 \$77.00	\$38,752.00 \$58,290.00 \$109,340.00	\$10.00 \$66.00 \$62.50	\$55,360.00 \$44,220.00 \$88,750.00	\$12.00 \$130.00 \$73.00	\$66,432.00 \$87,100.00 \$103,660.00	\$4.75 \$62.80 \$54.25	\$26,296.00 \$42,076.00 \$77,035.00	\$4.50 \$90.00 \$70.00	\$24,912.00 \$60,300.00 \$99,400.00	\$4.00 \$158.00 \$61.00	\$22,144.00 \$105,860.00 \$86,620.00
111 CURB RAMP(TY 4) (INCLUDING LANDING & WARNING PAD)  ADJUST SANITARY SEWER MANHOLE (TO MATCH ROADWAY SURFACE) (ALL MANHOLES SHALL	EA 12	\$4,000.00	\$48,000.00	\$2,025.00	\$24,300.00 \$7,425.00	\$4,400.00	\$52,800.00 \$4,400.00	\$2,200.00	\$26,400.00 \$37,400.00	\$2,215.00	\$26,580.00	\$1,400.00	\$16,800.00 \$13,200.00	\$1,360.00	\$16,320.00 \$5.126.00
112 BE COATED WITH SEWPER COAT OR APPROVED INTERIOR LINING) 113 BLOCK SOD 114 HYDROMULCH	SY 657 SY 15,737	\$7.50 \$2.00	\$4,927.50 \$31,474.00	\$7.00 \$1.00	\$4,599.00 \$15,737.00	\$6.00	\$3,942.00 \$15,737.00	\$20.00 \$1.25	\$13,140.00 \$19,671.25	\$8.75 \$1.55	\$5,748.75 \$24,392.35	\$8.00	\$5,256.00 \$9,442.20	\$5.00 \$0.60	\$3,285.00 \$9,442.20
115 OUTFALL DITCH GRADING 116 INLET (TYPE C) (36"x60") (COMPLETE IN PLACE)	CY 1,929 EA 9 EA 1	\$10.00 \$7,450.00	\$19,290.00 \$67,050.00	\$19.00 \$6,210.00 \$5,249.00	\$36,651.00 \$55,890.00 \$5,249.00	\$6.00 \$3,000.00	\$11,574.00 \$27,000.00	\$26.00 \$6,000.00 \$2,500.00	\$50,154.00 \$54,000.00 \$2,500.00	\$37.60 \$4,545.00	\$72,530.40 \$40,905.00	\$24.00 \$4,800.00 \$3,000.00	\$46,296.00 \$43,200.00 \$3,000.00	\$21.00 \$4,800.00	\$40,509.00 \$43,200.00
117 INLET (TYPE C) (36°x60") (STAGE II) 118 MANHOLE (48") 119 24" RCP STORM SEWER (INCLUDING BEDDING & BACKFILL)	EA 10 LF 3,189	\$6,950.00 \$192.00	\$10,450.00 \$69,500.00 \$612,288.00	\$9,138.00 \$223.00	\$91,380.00 \$711,147.00	\$2,750.00 \$4,350.00 \$155.00	\$2,750.00 \$43,500.00 \$494,295.00	\$5,400.00 \$130.00	\$54,000.00 \$414,570.00	\$3,440.00 \$4,835.00 \$132.00	\$3,440.00 \$48,350.00 \$420,948.00	\$4,600.00 \$118.00	\$46,000.00 \$376,302.00	\$2,750.00 \$5,300.00 \$102.60	\$2,750.00 \$53,000.00 \$327,191.40
120 30" RCP CULVERT (INCLUDING BEDDING & BACKFILL) 121 4"x2" RCB CULVERT (INCLUDING BEDDING & BACKFILL) 122 24" RCP 6:1 SET	LF 344 LF 128 EA 2	\$263.00 \$360.00	\$90,472.00 \$46,080.00 \$6,000.00	\$286.00 \$563.00 \$6,453.00	\$98,384.00 \$72,064.00 \$12,906.00	\$165.00 \$394.00 \$4,000.00	\$56,760.00 \$50,432.00	\$205.00 \$525.00 \$3,500.00	\$70,520.00 \$67,200.00	\$163.00 \$398.00 \$2,015.00	\$56,072.00 \$50,944.00 \$4,030.00	\$149.00 \$340.00 \$1,900.00	\$51,256.00 \$43,520.00 \$3,800.00	\$132.60 \$352.70 \$3,500.00	\$45,614.40 \$45,145.60 \$7,000.00
122 24" ACP 6.1 SET 123 30" RCP 6.1 SET 124 4"X" 2 RCB 6.1 SET 125 INSTALL SMALL ROWY SIGN SUP&AM TYLO BWG[1] SA(P)	EA 14 EA 6	\$3,500.00	\$49,000.00 \$30,000.00	\$6,824.00 \$11,022.00 \$660.00	\$95,536.00 \$66,132.00	\$5,500.00	\$77,000.00 \$52,800.00	\$3,500.00 \$17,500.00	\$49,000.00	\$2,455.00 \$11,745.00	\$34,370.00 \$70,470.00	\$2,100.00 \$9,500.00 \$1,000.00	\$29,400.00 \$57,000.00	\$4,700.00 \$7,500.00	\$65,800.00
125 INSTALL SMALL ROWY SIGN SUPBAM TY10 BWG(1) SA(P) 126 REFL PAV MRK TY I (W) 8" (SLD) 127 REFL PAV MRK TY I (W) 24" (SLD)	EA 10 LF 100 LF 503	\$0.90 \$5.00	\$90.00 \$2,515.00	\$2.80 \$8.30	\$6,600.00 \$280.00 \$4,174.90	\$2.50 \$12.00	\$6,600.00 \$250.00 \$6,036.00	\$600.00 \$2.50 \$12.00	\$6,000.00 \$250.00 \$6,036.00	\$1,085.00 \$2.45 \$9.75	\$10,850.00 \$245.00 \$4,904.25	\$1,000.00 \$3.00 \$10.00	\$10,000.00 \$300.00 \$5,030.00	\$585.00 \$2.20 \$9.40	\$5,850.00 \$220.00 \$4,728.20
128 REFL PAV MRK TY I (Y) 4" (SLD) 129 REFL PAV MRK TY I (W) 4" (SLD) 130 REFL PAV MRK TY I (W) 6" (SLD)	LF 5,996 LF 481 LF 425	\$0.15 \$0.15 \$0.20	\$899.40 \$72.15	\$1.70 \$1.70 \$2.80	\$10,193.20 \$817.70 \$1,190.00	\$2.00 \$2.00 \$1.75	\$11,992.00 \$962.00 \$743.75	\$1.25 \$1.25 \$1.50	\$7,495.00 \$601.25 \$637.50	\$1.10 \$1.20 \$2.45	\$6,595.60 \$577.20 \$1,041.25	\$2.00 \$2.00 \$2.50	\$11,992.00 \$962.00 \$1,062.50	\$1.70 \$1.10 \$1.20	\$10,193.20 \$529.10 \$510.00
130 KET-FAV MIKK TY [V] 24" [SLD] 131 REFL-PAV MIKK TY [V] 24" [SLD] 132 REFL-PAV MIKK TY [V] [V] (WORD) 133 REFL-PAV MIKK TY [V] (WORD)	LF 398 EA 1 EA 1	\$5.00 \$140.00	\$1,990.00 \$140.00	\$8.40 \$209.00	\$3,343.20 \$209.00	\$9.25 \$208.00	\$3,681.50 \$208.00 \$197.00	\$12.00 \$275.00	\$4,776.00 \$275.00	\$9.75 \$355.00 \$330.00	\$3,880.50 \$355.00 \$330.00	\$10.00 \$200.00	\$3,980.00 \$200.00	\$8.30 \$188.70 \$188.70	\$3,303.40 \$188.70 \$188.70
133 REFL PAY MBK ITY (W/JARKUW) 134 RANGED PAY MARKER C. LB REFL (IV II-A-A) 135 RAISED PAY MARKER C. LB REFL (IV II-C-R) 136 ITARFIE BUTTON (TYPE W)	EA 192 EA 22	\$130.00 \$4.00 \$4.00	\$130.00 \$768.00 \$88.00	\$6.60 \$6.60 \$1,650.00 \$0.00	\$6.60 \$1,267.20 \$36,300.00 \$0.00	\$197.00 \$7.00 \$8.00 \$7.00	\$1,344.00 \$1,344.00 \$176.00 \$154.00	\$225.00 \$6.75 \$10.00 \$7.00	\$225.00 \$1,296.00 \$220.00 \$154.00	\$330.00 \$7.35 \$7.35 \$7.35	\$330.00 \$1,411.20 \$161.70 \$161.70	\$200.00 \$7.00 \$7.00 \$7.00	\$200.00 \$1,344.00 \$154.00 \$154.00	\$188.70 \$6.70 \$7.80 \$6.10	\$1,286.40 \$1,286.40 \$171.60 \$134.20
137 PAV SURFACE PREP FOR MRKS BLAST CLEAN (4") 138 PAV SURFACE PREP FOR MRKS BLAST CLEAN (8")	LF 6,477 LF 100	\$0.05 \$0.15	\$323.85 \$15.00	\$0.30 \$0.30	\$1,943.10 \$30.00	\$1.25 \$1.50	\$8,096.25 \$150.00	\$0.25 \$1.00	\$1,619.25 \$100.00	\$0.02 \$0.05	\$129.54 \$5.00	\$0.50 \$0.50	\$3,238.50 \$50.00	\$0.04 \$0.40	\$259.08 \$40.00
139 PAV SURFACE PREP FOR MRKS BLAST CLEAN (24") 140 PAV SURFACE PREP FOR MRK BLAST CLEAN (WORD) 141 PAV SURFACE PREP FOR MRK BLAST CLEAN (ARROW)	EA 1 EA 1	\$0.50 \$15.00 \$15.00	\$432.50 \$15.00 \$15.00	\$0.30 \$11.00 \$11.00	\$259.50 \$11.00 \$11.00	\$1.50 \$10.00 \$10.00	\$1,297.50 \$10.00 \$10.00	\$1.00 \$100.00 \$100.00	\$865.00 \$100.00 \$100.00	\$0.15 \$6.10 \$6.10	\$129.75 \$6.10 \$6.10	\$1.00 \$10.00 \$10.00	\$865.00 \$10.00 \$10.00	\$0.60 \$16.70 \$16.70	\$519.00 \$16.70 \$16.70
142 TY III BARRICADE 143 REIN-ONCED FILTER FABRIC FENCE (INSTALL) 144 REIN-ONCED FILTER FABRIC FENCE (REMOVE)	EA 2 LF 1,202	\$300.00 \$4.00 \$1.00	\$600.00 \$4,808.00 \$1,202.00	\$1,760.00 \$2.20	\$3,520.00 \$2,644.40	\$1,400.00 \$2.00 \$0.10	\$2,800.00 \$2,404.00 \$120.20	\$1,500.00 \$2.00 \$2.00	\$3,000.00 \$2,404.00	\$1,435.00 \$3.65 \$1.20	\$2,870.00 \$4,387.30 \$1,442.40	\$2,000.00 \$2.00 \$1.00	\$4,000.00 \$2,404.00	\$1,200.00 \$2.20 \$0.60	\$2,400.00 \$2,644.40 \$721.20
145 INLET PROTECTION BARRIER (STAGE I) 146 CURB INLET PROTECTION (STAGE II)	EA 9 EA 9	\$90.00 \$300.00	\$810.00 \$2,700.00	\$1.10 \$275.00 \$275.00	\$1,322.20 \$2,475.00 \$2,475.00	\$75.00 \$75.00	\$675.00 \$675.00	\$75.00 \$75.00	\$2,404.00 \$675.00 \$675.00	\$245.00 \$165.00	\$2,205.00 \$1,485.00	\$100.00 \$100.00	\$1,202.00 \$900.00 \$900.00	\$149.90 \$161.00	\$1,349.10 \$1,449.00
147 CONSTRUCTION ENTRANCE/EXIT FURNISH AND INSTALL 8-INCH AWWA C-900 DR-18 PVC (OPEN-CUT CONSTRUCTION) ALL 148 DEPTHS	SY 134 LF 2,318	\$30.00 \$145.00	\$4,020.00 \$336,110.00	\$55.00 \$120.00	\$7,370.00 \$278,160.00	\$41.00 \$54.00	\$5,494.00 \$125,172.00	\$25.00 \$170.00	\$3,350.00 \$394,060.00	\$49.20 \$66.50	\$6,592.80 \$154,147.00	\$10.00	\$1,340.00 \$139,080.00	\$42.20 \$69.10	\$5,654.80 \$160,173.80
FURNISH AND INSTALL 6-INCH AWWA C-900 DR-18 PVC (OPEN-CUT CONSTRUCTION) ALL 149 DEPTHS	LF 56	\$110.00	\$6,160.00	\$167.00	\$9,352.00	\$50.00	\$2,800.00	\$82.00	\$4,592.00	\$54.50	\$3,052.00	\$60.00	\$3,360.00	\$104.50	\$5,852.00
150 FURNISH AND INSTALL 6-INCH GATE VALVE 151 FURNISH AND INSTALL 8-INCH GATE VALVE 152 FIRE HYDRANT ASSEMBLY (INCLUDING 6-INCH LEAD & GATE VALVE)	EA 3 EA 3 EA 8	\$4,000.00 \$12,000.00	\$12,000.00 \$12,000.00 \$96,000.00	\$3,780.00 \$4,050.00 \$10,328.00	\$11,340.00 \$12,150.00 \$82,624.00	\$1,950.00 \$2,650.00 \$8,400.00	\$5,850.00 \$7,950.00 \$67,200.00	\$2,500.00 \$3,100.00 \$9,000.00	\$7,500.00 \$9,300.00 \$72,000.00	\$2,990.00 \$3,700.00 \$11,600.00	\$8,970.00 \$11,100.00 \$92,800.00	\$1,500.00 \$2,200.00 \$8,500.00	\$4,500.00 \$6,600.00 \$68,000.00	\$1,981.40 \$2,439.80 \$8,652.50	\$5,944.20 \$7,319.40 \$69,220.00
153 REMOVE & DISPOSE EXISTING FIRE HYDRANT 154 FURNISH AND INSTALL 16-INCH STEEL CASING (BY OPEN-CUT) ALL DEPTH: 155 WET CONNECTION TO EXISTING 6-INCH WATERLINE	EA 1 LF 140 EA 3	\$6,000.00 \$400.00 \$5,500.00	\$6,000.00 \$56,000.00 \$16,500.00	\$540.00 \$167.00 \$2,714.00	\$540.00 \$23,380.00 \$8,142.00	\$600.00 \$100.00 \$1,050.00	\$600.00 \$14,000.00 \$3,150.00	\$1,500.00 \$190.00 \$2,000.00	\$1,500.00 \$26,600.00 \$6,000.00	\$1,285.00 \$140.00 \$4,900.00	\$1,285.00 \$19,600.00 \$14,700.00	\$500.00 \$150.00 \$3,000.00	\$500.00 \$21,000.00 \$9,000.00	\$1,395.30 \$166.80 \$1,700.00	\$1,395.30 \$23,352.00 \$5,100.00
156 WET CONNECTION TO EXISTING 8-INCH WATERLINE 1-INCH SERVICE LINE (POLY TUBING AND BRASS FITTINGS) (ALL MATERIALS SHALL ADHERE TO	EA 1	\$7,500.00	\$7,500.00 \$16,125.00	\$2,781.00	\$2,781.00 \$17,415.00	\$1,150.00	\$1,150.00 \$4,515.00	\$2,500.00	\$2,500.00	\$5,030.00 \$17.95	\$5,030.00 \$11,577.75	\$4,000.00	\$4,000.00 \$7,740.00	\$1,840.00	\$1,840.00
157 STANDARD DETAIL SHEETS)  SERVICE LINE CONNECTION (1-INCH POLY TUBING AND BRASS FITTINGS) TO EXISTING METER  158 (ALL MATERIALS SHALL ADHER TO STANDARD DETAIL SHEETS)	EA 4	\$500.00	\$2,000.00	\$2,039.00	\$8,156.00	\$1,300.00	\$5,200.00	\$3,500.00	\$14,000.00	\$6,550.00	\$26,200.00	\$1,000.00	\$4,000.00	\$1,560.00	\$6,240.00
158 (ALL MATERIALS SHALL ADHERE TO STANDARD DETAIL SHEETS) REMOVE AND REPLACE WATER METER AND BOX, INCLUDING 1-INCH SERVICE POLY TUBING 100 AND BRASS FITTINGS, (ALL MATERIALS SHALL ADHERE TO STANDARD DETAIL SHEETS)	EA 6	\$500.00	\$3,000.00	\$2,309.00	\$13,854.00	\$2,005.00	\$12,030.00	\$4,250.00	\$25,500.00	\$5,940.00	\$35,640.00	\$4,000.00	\$24,000.00	\$2,300.00	\$13,800.00
160 TRENCH SAFETY SYSTEM PLAN AND IMPLEMENTATION	LF 2,170	\$5.00	\$10,850.00	\$1.00	\$2,170.00	\$0.10	\$217.00	\$1.00	\$2,170.00	\$5.00	\$10,850.00	\$1.00	\$2,170.00	\$0.10	\$217.00
6-INCH PVC (GRAVITY PIPE) (INCLUDING CLEANOUTS, FITTINGS, AND CAST-IRON BOXES AS  161 NECESSARY) (ALL MATERIALS SHALL ADHERE TO STANDARD DETAIL SHEETS)  162 6-INCH PVC PLUG	LF 2,250 EA 1	\$105.00	\$236,250.00	\$140.00	\$315,000.00	\$72.00 \$350.00	\$162,000.00 \$350.00	\$95.00	\$213,750.00 \$250.00	\$118.00 \$342.00	\$265,500.00	\$50.00	\$112,500.00	\$57.00 \$50.70	\$128,250.00 \$50.70
163   MANHOLE (60-INCH) SUBTOTAL ADD-ON ALTERNATE BID ITEMS	EA 11	\$12,000.00	\$132,000.00 9,968.19	\$5,000.00	\$55,000.00	\$10,650.00	\$117,150.00 7,369.70	\$6,800.00	\$74,800.00 3,594.25	\$26,600.00	\$292,600.00	\$8,000.00	\$88,000.00	\$8,200.00	\$90,200.00
				•			ORIZED BY ENG		3,031.20	40,70	1,077101	\$2,00	1,000.20	92,000	,507.50
ITEM DESCRIPTION ALT 1 24" PP (INCLUDING BEDDING & BACKFILL)	UNIT QTY	UNIT PRICE \$111.59		UNIT PRICE \$200.00	TOTAL \$30,800.00	UNIT PRICE \$115.00	TOTAL S17.710.00	UNIT PRICE \$130.00	TOTAL \$20,020.00	UNIT PRICE \$109.00	TOTAL \$16,786.00	UNIT PRICE \$105.00	TOTAL \$16,170.00	UNIT PRICE \$87.00	TOTAL \$13,398.00
ALT 2 30" PP (INCLUDING BEDDING & BACKFILL)	LF 343	\$157.58	\$54,049.94	\$275.00	\$94,325.00	\$178.00	\$61,054.00	\$165.00	\$56,595.00	\$134.00	\$45,962.00	\$135.00	\$46,305.00	\$117.00	\$40,131.00
SUBTOTAL ADD-ON ALTERNATE BID ITEMS - RCP + ALTERNATE			1,425.99		5,923.00		5,668.70		9,874.25	\$3,68	7,888.04	\$2,65	5,079.20	\$2,831	1,804.18
ITEM DESCRIPTION	UNIT QTY	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	MS (AS AUTHO UNIT PRICE	RIZED BY ENGIN	UNIT PRICE	TOTAL \$2,000,00	UNIT PRICE	TOTAL \$2,000,00	UNIT PRICE	TOTAL \$2,000,00	UNIT PRICE	TOTAL \$4,280,00
EX 1 EXTRA EXCAVATION (MACHINE) EX 2 EXTRA EXCAVATION (HAND) EX 3 EXTRA LABOR (SKILLED)	CY 200 CY 100 MH 80	\$15.00 \$35.00	\$1,500.00 \$2,800.00	\$10.00 \$15.00 \$35.00	\$2,000.00 \$1,500.00 \$2,800.00			\$10.00 \$15.00 \$35.00	\$2,000.00 \$1,500.00 \$2,800.00	\$15.00 \$15.00 \$35.00	\$2,000.00 \$1,500.00 \$2,800.00	\$10.00 \$15.00 \$35.00	\$2,000.00 \$1,500.00 \$2,800.00	\$21.90 \$28.00 \$35.00	\$2,800.00 \$2,800.00 \$2,800.00
EX 4 EXTRA LABOR (UNSKILLED)  EX 5 EXTRA SELECT FILL (COMPACTED TO 95% STD.)  EX 6 WELL POINTING	MH 80 CY 120 LF 1,500	\$25.00 \$20.00 \$35.00	\$2,000.00 \$2,400.00 \$52,500.00	\$25.00 \$20.00 \$25.00	\$2,000.00 \$2,400.00 \$37,500.00		UBMITTED	\$25.00 \$20.00 \$25.00	\$2,000.00 \$2,400.00 \$37,500.00	\$25.00 \$20.00 \$46.00	\$2,000.00 \$2,400.00 \$69.000.00	\$25.00 \$20.00 \$25.00	\$2,000.00 \$2,400.00 \$37.500.00	\$28.00 \$27.20 \$33.30	\$2,240.00 \$3,264.00 \$49.950.00
EX 7 EXTRA CEMENT STABILIZED SAND BACKFILL EX 8 EXTRA HOT-MIX ASPHALTIC CONCRETE (TYPE D)	CY 120 TON 50	\$40.00 \$110.00	\$4,800.00 \$5,500.00	\$40.00 \$100.00	\$4,800.00 \$5,000.00	BY	BIDDER	\$40.00 \$100.00	\$4,800.00 \$5,000.00	\$40.00 \$245.00	\$4,800.00 \$12,250.00	\$40.00 \$100.00	\$4,800.00 \$5,000.00	\$71.00 \$153.20	\$8,520.00 \$7,660.00
EX 9 EXTRA REINFORDED CONCRETE EX 10 EXTRA BANK SAND EX 11 EXTRA DUCTILE IRON FITTINGS, IN PLACE	CY 60 CY 50 TON 4	\$350.00 \$15.00 \$4,000.00	\$21,000.00 \$750.00 \$16,000.00	\$350.00 \$15.00 \$4,000.00	\$21,000.00 \$750.00 \$16,000.00			\$350.00 \$10.00 \$4,000.00	\$21,000.00 \$500.00 \$16,000.00	\$350.00 \$20.00 \$8,500.00	\$21,000.00 \$1,000.00 \$34,000.00	\$350.00 \$15.00 \$4,000.00	\$21,000.00 \$750.00 \$16,000.00	\$588.30 \$42.20 \$10,000.00	\$35,298.00 \$2,110.00 \$40,000.00
SUBTOTAL ADD-ON ALTERNATE BID EXTRA WORK ITEMS	*	\$111	,250.00	\$95,	750.00	\$	0.00	\$95,	500.00	\$152	2,750.00	\$95,	750.00	\$159,	,022.00

But	ler Rd and Tu	rner St Recon	struction Bid	<b>Tabulations</b>			
	Engineer's Estimate	Ballast Point Construction	Cracon	Environmental Allies	Hassell Construction Group	Lucas Construction Company	SER Construction Partners
		PROJECT TOTAL W	ITH RCP				
TOTAL BASE BID (INCLUDING EXTRA WORK ITEMS)	\$4,754,805.39	\$4,715,626.40	\$4,321,331	\$4,302,612.50	\$4,642,389.46	\$3,267,109.00	\$3,546,014.40
TOTAL ADD-ON ALTERNATE BID (INCLUDING EXTRA WORK ITEMS)	\$4,121,218	\$4,239,988.00	\$3,177,370	\$3,869,094.25	\$3,854,127	\$2,757,633.20	\$2,998,579.38
MISCELLANEOUS ALLOWANCE AS APPROVED BY THE CITY OF LEAGUE CITY	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00
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TOTAL PROJECT (TOTAL BASE BID + TOTAL ADD-ON ALTERNATE BID)	\$8,976,023.58	\$9,055,614.40	\$7,598,700.60	\$8,271,706.75	\$8,596,516.50	\$6,124,742.20	\$6,644,593.78
		PROJECT TOTAL WITH POLY	PROPYLENE PIPE				
OTAL BASE BID (INCLUDING EXTRA WORK ITEMS)	\$4,723,770.73	\$4,706,225.40	\$4,313,038	\$4,297,407.50	\$4,637,614.96	\$3,261,921.00	\$3,538,333.50
TOTAL ADD-ON ALTERNATE BID (INCLUDING EXTRA WORK ITEMS)	\$4,072,676	\$4,232,673.00	\$3,175,669	\$3,855,374.25	\$3,840,638	\$2,750,829.20	\$2,990,826.18
MISCELLANEOUS ALLOWANCE AS APPROVED BY THE CITY OF LEAGUE CITY	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00
TOTAL PROIECT (TOTAL BASE BID + TOTAL ADD-ON ALTERNATE BID)	\$8,896,446,72	\$9.038.898.40	\$7,588,706,60	\$8.252.781.75	\$8,578,253,00	\$6.112.750.20	\$6,629,159,6