

March 5, 2024

Mr. James Doyle, M.Div., CPM
Senior Project Manager
City of League City
300 Walker Street
League City, Texas 77573

Re: Recommendation of Award
Construction of the Bay Ridge Flood Reduction Phase One
City of League City, Texas
Bid No. ITB #24-011
LJA Job No. 0624-0101B (11.0)

Dear Mr. Doyle:

The above referenced project's bid opening was held on February 13, 2024 at the City of League City. The project includes furnishing, installing, and providing all labor and materials required for pavement improvements to Bay Ridge Drive. This is one of several flood reduction projects for the Bay Ridge Subdivision. The project was bid utilizing a traditional sealed bid process and the City's A+B bidding process. Bid proposals were received from five (5) contractors. The apparent low bidder on the overall bid including the schedule bid is G.W. Phillips Concrete Construction, Inc.

The bids were checked for completeness, mathematical errors, and bid irregularities. Please note a couple of the bids contained mathematical errors in their bid tabulation, however it did not impact the apparent low bidder based on the overall bid proposal including the schedule bid. A tabulation of all the bid items and corrected bid items are attached with corrected dollar amounts noted with a star "*" next to the bid item.

G.W. Phillips Concrete Construction provided a list of qualifications and references as required in the Statement of Bidder's Experience. The references were reviewed and contacted and information on their performance and qualifications to perform similar work was obtained and reviewed. References contacted provided good feedback on their qualifications and stated they would recommend working with G.W. Phillips Concrete Construction. Additionally, LJA and the City of League City has experience working with G.W. Phillips Concrete Construction.

LJA Engineering recommends that the City of League City award the Project to G.W. Phillips Concrete Construction in the amount not to exceed **\$919,283.45** and for a total project schedule to Final Completion of 110 calendar days, subject to formal approval by the City of League City Council. This award includes the base bid pavement improvements with Alternate A for replacing the existing waterline along Bay Ridge Drive.

Mr. Jay Doyle, M.Div., CPM
March 5, 2024
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Enclosed for your review is a copy of the bid tabulation. Please call me at 713.953.5276 if you have questions regarding the bid.

Sincerely,



Craig W. Kalkomey, PE, CFM
Senior Project Manager

CWK/cd

Enclosure

Copy: Mr. Christopher Sims, City of League City (w/ enclosure)
Ms. Cara Davis, City of League City (w/ enclosure)

BID TABULATION FOR:

BAY RIDGE FLOOD REDUCTION - PHASE I (DR 2004)
 ITB #24-011
 CITY OF LEAGUE CITY, GALVESTON COUNTY, TEXAS
 FEBRUARY 13, 2024
 CITY OF LEAGUE CITY
 C. KALKOMEY
 FEBRUARY 20, 2024
 0624-0101b (9.2)

BID OPENING DATE:
BID OPENING LOCATION:
TABULATION BY:
TABULATION DATE:
LJA JOB NO.

BIDDER'S NAME	TOTAL BID AMOUNT	TOTAL BID W/ ALTERNATE A	TOTAL BID W/ ALTERNATE B	TOTAL BID W/ ALTERNATE A & B	CALENDAR DAYS CONSTRUCTION TIME
1) G.W. PHILLIPS CONCRETE CONSTRUCTION, INC.	\$835,283.45 *	\$919,283.45	\$929,033.45	\$1,013,033.45	60 / 90 (Base) 20 (ALT A) / 10 (ALT B)
2) LUCAS CONSTRUCTION COMPANY, INC.	\$887,152.00	\$969,472.00 *	\$1,355,902.00 *	\$1,438,222.00 *	120 / 150 (Base) 30 (ALT A) / 0 (ALT B)
3) MILLIS EQUIPMENT, LLC	\$1,180,653.30 *	\$1,239,583.30 *	\$1,668,153.30 *	\$1,727,083.30 *	120 / 150 (Base) 10 (ALT A) / 5 (ALT B)
4) ENVIRONMENTAL ALLIES, LLC	\$1,223,435.75	\$1,350,419.75	\$2,160,935.75	\$2,287,919.75	220 / 250 (Base) 30 (ALT A) / 0 (ALT B)
5) TANDEM SERVICES, LLC	\$1,277,085.85	\$1,367,615.85	\$1,820,835.85	\$1,911,365.85	120 / 150 (Base) 10 (ALT A) / 5 (ALT B)
ENGINEER'S OPCC	\$944,681.20	\$1,026,381.20	\$1,394,681.20	\$1,476,381.20	N/A



Craig W. Kalkomey 02/23/2024

I, Craig W. Kalkomey, P.E. hereby certify these bid tabulations to be true and correct.

BID TABULATION FOR:

BID OPENING DATE:
BID OPENING LOCATION:
TABULATION BY:
TABULATION DATE:
LJA JOB NO.

BAY RIDGE FLOOD REDUCTION - PHASE I (DR 2004)
 ITB #24-011
 CITY OF LEAGUE CITY, GALVESTON COUNTY, TEXAS
 FEBRUARY 13, 2024
 CITY OF LEAGUE CITY
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 0624-0101b (9.2)

1) G.W. PHILLIPS CONCRETE
 CONSTRUCTION, INC.

2) LUCAS CONSTRUCTION COMPANY, INC.

3) MILLIS EQUIPMENT, LLC

ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
SECTION A - BAY RIDGE DRIVE IMPROVEMENTS								
1. SITE PREPARATION, INCLUDING REMOVAL, STOCKPILING, AND RESREADING OF 6" TOP SOIL STRIPPINGS ON DISTURBED AREAS WITHIN BAY RIDGE DRIVE ROW AND REMOVAL OF TREES WITHIN PROJECT AREA, COMPLETE IN PLACE	AC	0.5	\$18,000.00	\$9,000.00	\$30,000.00	\$15,000.00	\$21,300.00	\$10,650.00
2. REMOVE AND DISPOSE OF EXISTING CONCRETE PAVEMENT AND DRIVEWAYS, INCLUDING SUBGRADE, ALL APPURTENANCES, COMPLETE IN PLACE	SY	3,000	\$3.00	\$9,000.00	\$8.00	\$24,000.00	\$9.75	\$29,250.00
3. REMOVE AND DISPOSE OF EXISTING CONCRETE CURB, COMPLETE IN PLACE	LF	1,509	\$3.00	\$4,527.00	\$2.00	\$3,018.00	\$2.80	\$4,225.20
4. REMOVE AND DISPOSE OF EXISTING SIDEWALK, COMPLETE IN PLACE	SY	120	\$3.00	\$360.00	\$8.00	\$960.00	\$8.50	\$1,020.00
5. REMOVE AND DISPOSE OF EXISTING STORM SEWER AND INLETS, INCLUDING INSTALLING GROUTED BRICK PLUGS ON ABANDONED SECTION.	LF	290	\$25.00	\$7,250.00	\$42.00	\$12,180.00	\$26.00	\$7,540.00
6. PLACE, SPREAD, AND COMPACT CLAY MATERIAL FOR EARTHEN LEVEE / BAY RIDGE DRIVE RAISING, COMPLETE IN PLACE. MATERIAL SHALL BE COMPACTED TO A MINIMUM DENSITY OF 95 PERCENT USING THE STANDARD PROCTOR COMPACTION TEST AT APPROXIMATELY PLUS OR MINUS THREE PERCENT OPTIMUM MOISTURE CONTENT. THE EMBANKMENT MATERIAL SHALL BE PLACED IN LIFTS OF NOT MORE THAN 6 INCHES THICK.	CY	5,200	\$5.00	\$26,000.00	\$6.00	\$31,200.00	\$8.75	\$45,500.00
7. IMPORT CLAY MATERIAL FOR LEVEE FILL. MATERIAL SHALL BE CH OR CL AS CLASSIFIED UNDER THE UNIFIED SOIL CLASSIFICATION SYSTEM AND SHALL INCLUDE A LIQUID LIMIT GREATER THAN OR EQUAL TO 30, A PLASTICITY INDEX GREATER THAN OR EQUAL TO 15 AND LESS THAN OR EQUAL TO 30 AND A PERCENT PASSING NO. 200 GREATER THAN OR EQUAL TO 50.	CY	5,200	\$20.00	\$104,000.00	\$23.00	\$119,600.00	\$31.00	\$161,200.00
8. 8" STABILIZATION OF SUBGRADE, PER CITY OF LEAGUE CITY SPECIFICATIONS.	SY	3,200	\$6.00	\$19,200.00	\$9.00	\$28,800.00	\$11.50	\$36,800.00
9. LIME STABILIZED SUB-GRADE MATERIAL PER GEOTECHNICAL RECOMMENDATIONS AND CITY OF LEAGUE CITY SPECIFICATIONS (6% LIME MINIMUM).	TON	65	\$310.00	\$20,150.00	\$380.00	\$24,700.00	\$403.00	\$26,195.00
10. 9" REINFORCED CONCRETE PAVEMENT AND DRIVEWAYS, COMPLETE IN PLACE	SY	3,000	\$110.00	\$330,000.00	\$95.00	\$285,000.00	\$92.00	\$276,000.00
11. 6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	1,509	\$8.00	\$12,072.00	\$5.00	\$7,545.00	\$6.00	\$9,054.00
12. 4" SIDEWALK PER CITY STANDARDS, COMPLETE IN PLACE	SY	120	\$8.00	\$960.00	\$80.00	\$9,600.00	\$117.00	\$14,040.00
13. PEDESTRIAN RAMPS PER CITY STANDARDS, COMPLETE IN PLACE	EA	4	\$2,200.00	\$8,800.00	\$2,000.00	\$8,000.00	\$2,430.00	\$9,720.00
14. 5" THICK CONCRETE SLOPE PAVING, COMPLETE IN PLACE	SY	150	\$120.00	\$18,000.00	\$120.00	\$18,000.00	\$122.00	\$18,300.00
15. 24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	68	\$140.00	\$9,520.00	\$150.00	\$10,200.00	\$138.00	\$9,384.00
16. 36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	151	\$180.00	\$27,180.00	\$250.00	\$37,750.00	\$218.00	\$32,918.00
17. STANDARD TYPE 'C-1' INLET, ALL DEPTHS, \COMPLETE IN PLACE	EA	2	\$5,800.00	\$11,600.00	\$6,000.00	\$12,000.00	\$7,710.00	\$15,420.00
18. TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$6,800.00	\$6,800.00	\$6,000.00	\$6,000.00	\$6,640.00	\$6,640.00
19. TYPE "E" INLET, COMPLETE IN PLACE	EA	1	\$3,800.00	\$3,800.00	\$4,500.00	\$4,500.00	\$4,520.00	\$4,520.00
20. SITE RESTORATION, INCLUDING FINAL GRADING, GRADING OF SWALE, AND SOD OF ALL DISTURBED AREAS	AC	0.5	\$18,000.00	\$9,000.00	\$20,000.00	\$10,000.00	\$71,600.00	\$35,800.00
SUBTOTAL SECTION A - BAY RIDGE DRIVE IMPROVEMENTS				\$637,219.00		\$668,053.00		\$754,176.20
SECTION B - TRAFFIC								
1. FURNISH, INSTALL & REMOVE TCP BARRICADES, SIGNS, MARKINGS AND TRAFFIC HANDLING TO COMPLETE PROJECT	LS	1	\$4,000.00	\$4,000.00	\$15,000.00	\$15,000.00	\$17,700.00	\$17,700.00
2. ELIMINATE ALL EXIST PAVEMENT MARKINGS & MARKERS WITHIN PROJECT AREA	LS	1	\$1,600.00	\$1,600.00	\$2,000.00	\$2,000.00	\$1,880.00	\$1,880.00
3. FURNISH, INSTALL, AND REMOVE TEMPORARY TRAFFIC SIGNAL (INCLUDING ALL APPURTENANCES).	LS	1	\$5,100.00	\$5,100.00	\$25,000.00	\$25,000.00	\$41,700.00	\$41,700.00
4. FURNISH & INSTALL RETROREFLECTORIZED PAVEMENT MARKING W/RET REQ TY I (WHITE) 4" (BRK) (100MIL)	LF	371	\$0.75	\$278.25 *	\$2.00	\$742.00	\$0.85	\$315.35
5. FURNISH & INSTALL RETROREFLECTORIZED PAVEMENT MARKING TY I (WHITE) 8" (SOLID) (100MIL)	LF	333	\$0.75	\$249.75 *	\$4.00	\$1,332.00	\$2.10	\$699.30
6. FURNISH & INSTALL RETROREFLECTORIZED PAVEMENT MARKING TY I (WHITE) 12" (SOLID) (100MIL)	LF	189	\$3.50	\$661.50	\$6.00	\$1,134.00	\$3.80	\$718.20
7. FURNISH & INSTALL RETROREFLECTORIZED PAVEMENT MARKING TY I (WHITE) 24" (SOLID) (100MIL)	LF	45	\$8.50	\$382.50	\$20.00	\$900.00	\$10.50	\$472.50

* MATHEMATICAL ERROR

BID TABULATION FOR:

BAY RIDGE FLOOD REDUCTION - PHASE I (DR 2004)
 ITB #24-011
 CITY OF LEAGUE CITY, GALVESTON COUNTY, TEXAS
 FEBRUARY 13, 2024
 CITY OF LEAGUE CITY
 C. KALKOMEY
 FEBRUARY 20, 2024
 0624-0101b (9.2)

BID OPENING DATE:

BID OPENING LOCATION:

TABULATION BY:

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LJA JOB NO.

1) G.W. PHILLIPS CONCRETE
 CONSTRUCTION, INC.

2) LUCAS CONSTRUCTION COMPANY, INC.

3) MILLIS EQUIPMENT, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
8.	FURNISH & INSTALL RETROREFLECTORIZED PAVEMENT MARKING TY I (ARROW) (100MIL)	EA	6	\$150.00	\$900.00	\$200.00	\$1,200.00	\$181.00	\$1,086.00
9.	FURNISH & INSTALL RETROREFLECTORIZED PAVEMENT MARKING TY I (WORD) (100MIL)	EA	4	\$165.00	\$660.00	\$200.00	\$800.00	\$202.00	\$808.00
10.	FURNISH & INSTALL RETROREFLECTORIZED PAVEMENT MARKER TY I-C	EA	52	\$6.50	\$338.00	\$6.00	\$312.00	\$8.25	\$429.00
11.	PAVEMENT SURFACE PREPARATION FOR PAVEMENT MARKINGS (4")	LF	371	\$0.10	\$37.10	\$2.00	\$742.00	\$0.05	\$18.55
12.	PAVEMENT SURFACE PREPARATION FOR PAVEMENT MARKINGS (8")	LF	333	\$0.12	\$39.96	\$2.00	\$666.00	\$0.15	\$49.95
13.	PAVEMENT SURFACE PREPARATION FOR PAVEMENT MARKINGS (12")	LF	189	\$0.20	\$37.80	\$2.00	\$378.00	\$0.20	\$37.80
14.	PAVEMENT SURFACE PREPARATION FOR PAVEMENT MARKINGS (24")	LF	45	\$0.40	\$18.00	\$4.00	\$180.00	\$0.35	\$15.75
15.	PAVEMENT SEALER PREPARATION FOR PAVEMENT MARKINGS (ARROW)	EA	6	\$6.00	\$36.00	\$50.00	\$300.00	\$7.00	\$42.00
16.	PAVEMENT SURFACE PREPARATION FOR PAVEMENT MARKINGS (WORD)	EA	4	\$6.00	\$24.00	\$50.00	\$200.00	\$7.00	\$28.00
17.	PAVEMENT SEALER (4")	LF	371	\$0.50	\$185.50	\$1.00	\$371.00	\$0.35	\$129.85
18.	PAVEMENT SEALER (8")	LF	333	\$1.00	\$333.00	\$1.00	\$333.00	\$0.70	\$233.10
19.	PAVEMENT SEALER (12")	LF	189	\$1.25	\$236.25	\$1.00	\$189.00	\$1.05	\$198.45
20.	PAVEMENT SEALER (24")	LF	45	\$1.75	\$78.75	\$1.00	\$45.00	\$2.14	\$96.30
21.	PAVEMENT SEALER (ARROW)	EA	6	\$10.00	\$60.00	\$20.00	\$120.00	\$12.50	\$75.00
22.	PAVEMENT SEALER (WORD)	EA	4	\$10.00	\$40.00	\$20.00	\$80.00	\$12.50	\$50.00
23.	REMOVE SM RD SN SUP&AM	EA	6	\$85.00	\$510.00	\$250.00	\$1,500.00	\$104.00	\$624.00
24.	FURNISH & INSTALL SM RD SN SUP&AM TY10BWG(1)SA(P)	EA	4	\$636.00	\$2,544.00	\$1,200.00	\$4,800.00	\$764.00	\$3,056.00
25.	FURNISH & INSTALL SM RD SN SUP&AM TY10BWG(1)SA(T)	EA	1	\$600.00	\$600.00	\$1,200.00	\$1,200.00	\$799.00	\$799.00
26.	FURNISH & INSTALL SM RD SN SUP&AM TY10BWG(1)SA(U)	EA	1	\$1,100.00	\$1,100.00	\$1,200.00	\$1,200.00	\$1,320.00	\$1,320.00
SUBTOTAL SECTION B - TRAFFIC					\$20,050.36 *		\$60,724.00		\$72,582.10

SECTION C - MISCELLANEOUS ITEMS

1.	MOBILIZATION, INCLUDING BONDS AND INSURANCE (MAXIMUM 4% OF ENTIRE CONTRACT)	LS	1	\$32,139.09	\$32,139.09	\$26,000.00	\$26,000.00	\$43,800.00	\$43,800.00
2.	STABILIZED CONSTRUCTION ENTRANCE, INCLUDING INSTALLATION, MAINTENANCE, AND REMOVAL, COMPLETE IN PLACE.	EA	1	\$3,800.00	\$3,800.00	\$200.00	\$200.00	\$2,780.00	\$2,780.00
3.	SWPPP, INCLUDING INLET PROTECTION BARRIERS, REINFORCED FABRIC FENCE, CONCRETE WASHOUTS, SWPPP MANAGEMENT, MAINTENANCE, AND INSPECTION	LS	1	\$3,500.00	\$3,500.00	\$1,000.00	\$1,000.00	\$5,800.00	\$5,800.00
4.	ADDITIONAL UTILITY ADJUSTMENTS (ALLOWANCE)	LS	1	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00
5.	TEXAS DEPARTMENT OF TRANSPORTATION RETAINING WALL (TXDOT DETAIL RW SFA), INCLUDES EXPANSION JOINT TIE IN TO PROPOSED SIDEWALK AND PAVING (TO BE USED ONLY AS DIRECTED BY THE ENGINEER) COMPLETE IN PLACE.	CY	128	\$700.00	\$89,600.00	\$600.00	\$76,800.00	\$1,870.00	\$239,360.00 *
SUBTOTAL SECTION C - MISCELLANEOUS ITEMS					\$154,039.09		\$129,000.00		\$316,740.00 *

SECTION D - EXTRA WORK ITEMS

1.	EXTRA EXCAVATION (MACHINE)	CY	25	\$10.00	\$250.00	\$10.00	\$250.00	\$15.00	\$375.00
2.	EXTRA EXCAVATION (HAND)	CY	10	\$15.00	\$150.00	\$15.00	\$150.00	\$43.50	\$435.00
3.	EXTRA LABOR (SKILLED)	MH	80	\$35.00	\$2,800.00	\$35.00	\$2,800.00	\$43.50	\$3,480.00
4.	EXTRA LABOR (UNSKILLED)	MH	80	\$25.00	\$2,000.00	\$25.00	\$2,000.00	\$31.00	\$2,480.00
5.	EXTRA SELECT FILL (COMPACTED TO 95%)	CY	200	\$25.00	\$5,000.00	\$25.00	\$5,000.00	\$38.00	\$7,600.00
6.	EXTRA CEMENT STABILIZED SAND BACKFILL	CY	20	\$60.00	\$1,200.00	\$60.00	\$1,200.00	\$74.50	\$1,490.00
7.	EXTRA BACK SAND	CY	10	\$20.00	\$200.00	\$20.00	\$200.00	\$25.00	\$250.00
8.	EXTRA CONCRETE WITH FORM AND REINFORCING	CY	15	\$425.00	\$6,375.00	\$425.00	\$6,375.00	\$683.00	\$10,245.00
9.	EXTRA LIME FOR SUBGRADE	TON	30	\$200.00	\$6,000.00	\$380.00	\$11,400.00	\$360.00	\$10,800.00
SUBTOTAL SECTION D - EXTRA WORK ITEMS					\$23,975.00		\$29,375.00		\$37,155.00

ALTERNATE A - REPLACE EXISTING WATERLINE

1.	REMOVE & DISPOSE EXISTING WATER LINE (ALL SIZES), COMPLETE IN PLACE	LF	460	\$15.00	\$6,900.00	\$10.00	\$4,600.00	\$17.50	\$8,050.00
2.	8" PVC WATER PIPE, C-900, DR-14, RESTRAINED JOINTS, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, FITTINGS AND OFFSETS, RECONNECTION INTO MAIN AND SERVICE RECONNECTS, COMPLETE IN PLACE	LF	460	\$125.00	\$57,500.00	\$130.00	\$59,800.00	\$69.00	\$31,740.00
3.	8" GATE VALVE, INCLUDING CONNECTION TO EXISTING 8" WATERLINE, COMPLETE IN PLACE.	EA	2	\$3,800.00	\$7,600.00	\$3,000.00	\$6,000.00	\$2,530.00	\$5,060.00

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ITEM DESCRIPTION	UNIT	QTY	1) G.W. PHILLIPS CONCRETE CONSTRUCTION, INC.		2) LUCAS CONSTRUCTION COMPANY, INC.		3) MILLIS EQUIPMENT, LLC		
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
4. ADJUST EXISTING FLUSHING VALVE WITH GATE VALVE (ALL SIZES), INLCUDES ALL NECESSARY APPERTENANCES, FITTINGS, AND CONNECTORS, COMPLETE IN PLACE	EA	1	\$1,200.00	\$1,200.00	\$1,000.00	\$1,000.00	\$2,430.00	\$2,430.00	
5. REMOVEAND REPLACE EXISTING FIRE HYDRANT ASSEMBLY AND GATE VALUE (ALL SIZES), INLCUDES CONNECTION INTO PROPOSED WATERLINE AND ALL NECESSARY APPERTENANCES, FITTINGS, AND CONNECTORS, COMPLETE IN PLACE	EA	1	\$8,500.00	\$8,500.00	\$10,000.00	\$10,000.00	\$10,500.00	\$10,500.00	
6. TRENCH SAFETY	LF	460	\$5.00	\$2,300.00	\$2.00	\$920.00	\$2.50	\$1,150.00	
SUBTOTAL ALTERNATE A - REPLACE EXISTING WATERLINE				\$84,000.00		\$82,320.00		\$58,930.00	
ALTERNATE B - TXDOT FAST TRACK PAVEMENT									
1. IN LIEU OF ITEMS 8 AND 9 (BASE BID - SECTION A), 9" THICK FAST TRACK (TXDOT STANDARDS) INCLUDING CONCRETE AND ALL SUBGRADE MATERIAL AND PREPARATION.	SY	3,750	\$25.00	\$93,750.00	\$125.00	\$468,750.00	\$130.00	\$487,500.00	
SUBTOTAL ALTERNATE B - TXDOT FAST TRACK PAVEMENT				\$93,750.00		\$468,750.00		\$487,500.00	
BID SUMMARY									
SUBTOTAL SECTION A - BAY RIDGE DRIVE IMPROVEMENTS				\$637,219.00		\$668,053.00		\$754,176.20	
SUBTOTAL SECTION B - TRAFFIC				\$20,050.36 *		\$60,724.00		\$72,582.10	
SUBTOTAL SECTION C - MISCELLANEOUS ITEMS				\$154,039.09		\$129,000.00		\$316,740.00 *	
SUBTOTAL SECTION D - EXTRA WORK ITEMS				\$23,975.00		\$29,375.00		\$37,155.00	
TOTAL AMOUNT BID				\$835,283.45 *		\$887,152.00		\$1,180,653.30 *	
ALTERNATE BID									
ALTERNATE A - REPLACE EXISTING WATERLINE				\$84,000.00		\$82,320.00		\$58,930.00	
TOTAL AMOUNT BID WITH ALTERNATE A - REPLACE EXISTING WATERLINE				\$919,283.45 *		\$969,472.00		\$1,239,583.30 *	
ALTERNATE B - TXDOT FAST TRACK PAVEMENT				\$93,750.00		\$468,750.00		\$487,500.00	
TOTAL AMOUNT BID WITH ALTERNATE B - TXDOT FAST TRACK PAVEMENT				\$929,033.45 *		\$1,355,902.00 *		\$1,668,153.30 *	
TOTAL AMOUNT BID WITH ALTERNATE A AND ALTERNATE B				\$1,013,033.45 *		\$1,438,222.00 *		\$1,727,083.30 *	

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4) ENVIRONMENTAL ALLIES, LLC

5) TANDEM SERVICES, LLC

ENGINEER'S OPCC

ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
SECTION A - BAY RIDGE DRIVE IMPROVEMENTS								
1. SITE PREPARATION, INCLUDING REMOVAL, STOCKPILING, AND RESPREADING OF 6" TOP SOIL STRIPPINGS ON DISTURBED AREAS WITHIN BAY RIDGE DRIVE ROW AND REMOVAL OF TREES WITHIN PROJECT AREA, COMPLETE IN PLACE	AC	0.5	\$35,000.00	\$17,500.00	\$10,000.00	\$5,000.00	\$10,000.00	\$5,000.00
2. REMOVE AND DISPOSE OF EXISTING CONCRETE PAVEMENT AND DRIVEWAYS, INCLUDING SUBGRADE, ALL APPURTENANCES, COMPLETE IN PLACE	SY	3,000	\$12.50	\$37,500.00	\$15.00	\$45,000.00	\$18.00	\$54,000.00
3. REMOVE AND DISPOSE OF EXISTING CONCRETE CURB, COMPLETE IN PLACE	LF	1,509	\$4.75	\$7,167.75	\$5.00	\$7,545.00	\$6.00	\$9,054.00
4. REMOVE AND DISPOSE OF EXISTING SIDEWALK, COMPLETE IN PLACE	SY	120	\$20.00	\$2,400.00	\$15.00	\$1,800.00	\$12.00	\$1,440.00
5. REMOVE AND DISPOSE OF EXISTING STORM SEWER AND INLETS, INCLUDING INSTALLING GROUTED BRICK PLUGS ON ABANDONED SECTION.	LF	290	\$50.00	\$14,500.00	\$60.00	\$17,400.00	\$12.00	\$3,480.00
6. PLACE, SPREAD, AND COMPACT CLAY MATERIAL FOR EARTHEN LEVEE / BAY RIDGE DRIVE RAISING, COMPLETE IN PLACE. MATERIAL SHALL BE COMPACTED TO A MINIMUM DENSITY OF 95 PERCENT USING THE STANDARD PROCTOR COMPACTION TEST AT APPROXIMATELY PLUS OR MINUS THREE PERCENT OPTIMUM MOISTURE CONTENT. THE EMBANKMENT MATERIAL SHALL BE PLACED IN LIFTS OF NOT MORE THAN 6 INCHES THICK.	CY	5,200	\$5.00	\$26,000.00	\$4.00	\$20,800.00	\$10.00	\$52,000.00
7. IMPORT CLAY MATERIAL FOR LEVEE FILL. MATERIAL SHALL BE CH OR CL AS CLASSIFIED UNDER THE UNIFIED SOIL CLASSIFICATION SYSTEM AND SHALL INCLUDE A LIQUID LIMIT GREATER THAN OR EQUAL TO 30, A PLASTICITY INDEX GREATER THAN OR EQUAL TO 15 AND LESS THAN OR EQUAL TO 30 AND A PERCENT PASSING NO. 200 GREATER THAN OR EQUAL TO 50.	CY	5,200	\$21.00	\$109,200.00	\$22.00	\$114,400.00	\$20.00	\$104,000.00
8. 8" STABILIZATION OF SUBGRADE, PER CITY OF LEAGUE CITY SPECIFICATIONS.	SY	3,200	\$8.50	\$27,200.00	\$6.00	\$19,200.00	\$5.00	\$16,000.00
9. LIME STABILIZED SUB-GRADE MATERIAL PER GEOTECHNICAL RECOMMENDATIONS AND CITY OF LEAGUE CITY SPECIFICATIONS (6% LIME MINIMUM).	TON	65	\$320.00	\$20,800.00	\$350.00	\$22,750.00	\$170.00	\$11,050.00
10. 9" REINFORCED CONCRETE PAVEMENT AND DRIVEWAYS, COMPLETE IN PLACE	SY	3,000	\$105.00	\$315,000.00	\$98.00	\$294,000.00	\$90.00	\$270,000.00
11. 6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	1,509	\$6.00	\$9,054.00	\$6.00	\$9,054.00	\$8.00	\$12,072.00
12. 4" SIDEWALK PER CITY STANDARDS, COMPLETE IN PLACE	SY	120	\$180.00	\$21,600.00	\$80.00	\$9,600.00	\$30.00	\$3,600.00
13. PEDESTRIAN RAMPS PER CITY STANDARDS, COMPLETE IN PLACE	EA	4	\$1,250.00	\$5,000.00	\$4,850.00	\$19,400.00	\$2,500.00	\$10,000.00
14. 5" THICK CONCRETE SLOPE PAVING, COMPLETE IN PLACE	SY	150	\$110.00	\$16,500.00	\$160.00	\$24,000.00	\$130.00	\$19,500.00
15. 24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	68	\$140.00	\$9,520.00	\$200.00	\$13,600.00	\$105.00	\$7,140.00
16. 36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	151	\$190.00	\$28,690.00	\$250.00	\$37,750.00	\$130.00	\$19,630.00
17. STANDARD TYPE 'C-1' INLET, ALL DEPTHS, \COMPLETE IN PLACE	EA	2	\$4,500.00	\$9,000.00	\$6,250.00	\$12,500.00	\$7,500.00	\$15,000.00
18. TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$7,000.00	\$7,000.00	\$7,250.00	\$7,250.00	\$9,000.00	\$9,000.00
19. TYPE "E" INLET, COMPLETE IN PLACE	EA	1	\$9,500.00	\$9,500.00	\$6,500.00	\$6,500.00	\$7,000.00	\$7,000.00
20. SITE RESTORATION, INCLUDING FINAL GRADING, GRADING OF SWALE, AND SOD OF ALL DISTURBED AREAS	AC	0.5	\$35,000.00	\$17,500.00	\$70,000.00	\$35,000.00	\$12,000.00	\$6,000.00
SUBTOTAL SECTION A - BAY RIDGE DRIVE IMPROVEMENTS				\$710,631.75		\$722,549.00		\$634,966.00
SECTION B - TRAFFIC								
1. FURNISH, INSTALL & REMOVE TCP BARRICADES, SIGNS, MARKINGS AND TRAFFIC HANDLING TO COMPLETE PROJECT	LS	1	\$41,000.00	\$41,000.00	\$16,000.00	\$16,000.00	\$53,635.00	\$53,635.00
2. ELIMINATE ALL EXIST PAVEMENT MARKINGS & MARKERS WITHIN PROJECT AREA	LS	1	\$4,850.00	\$4,850.00	\$1,700.00	\$1,700.00	\$1,386.65	\$1,386.65
3. FURNISH, INSTALL, AND REMOVE TEMPORARY TRAFFIC SIGNAL (INCLUDING ALL APPURTENANCES).	LS	1	\$35,000.00	\$35,000.00	\$75,000.00	\$75,000.00	\$40,000.00	\$40,000.00
4. FURNISH & INSTALL RETROREFLECTORIZED PAVEMENT MARKING W/RET REQ TY I (WHITE) 4" (BRK) (100MIL)	LF	371	\$2.95	\$1,094.45	\$1.80	\$667.80	\$1.50	\$556.50
5. FURNISH & INSTALL RETROREFLECTORIZED PAVEMENT MARKING TY I (WHITE) 8" (SOLID) (100MIL)	LF	333	\$5.00	\$1,665.00	\$1.90	\$632.70	\$1.00	\$333.00
6. FURNISH & INSTALL RETROREFLECTORIZED PAVEMENT MARKING TY I (WHITE) 12" (SOLID) (100MIL)	LF	189	\$6.00	\$1,134.00	\$3.50	\$661.50	\$3.50	\$661.50
7. FURNISH & INSTALL RETROREFLECTORIZED PAVEMENT MARKING TY I (WHITE) 24" (SOLID) (100MIL)	LF	45	\$5.00	\$225.00	\$9.40	\$423.00	\$5.50	\$247.50

* MATHEMATICAL ERROR

BID TABULATION FOR:

BAY RIDGE FLOOD REDUCTION - PHASE I (DR 2004)
 ITB #24-011
 CITY OF LEAGUE CITY, GALVESTON COUNTY, TEXAS
 FEBRUARY 13, 2024
 CITY OF LEAGUE CITY
 C. KALKOMEY
 FEBRUARY 20, 2024
 0624-0101b (9.2)

BID OPENING DATE:

BID OPENING LOCATION:

TABULATION BY:

TABULATION DATE:

LJA JOB NO.

4) ENVIRONMENTAL ALLIES, LLC

5) TANDEM SERVICES, LLC

ENGINEER'S OPCC

ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
8. FURNISH & INSTALL RETROREFLECTORIZED PAVEMENT MARKING TY I (ARROW) (100MIL)	EA	6	\$50.00	\$300.00	\$165.00	\$990.00	\$150.00	\$900.00
9. FURNISH & INSTALL RETROREFLECTORIZED PAVEMENT MARKING TY I (WORD) (100MIL)	EA	4	\$250.00	\$1,000.00	\$185.00	\$740.00	\$175.00	\$700.00
10. FURNISH & INSTALL RETROREFLECTORIZED PAVEMENT MARKER TY I-C	EA	52	\$9.30	\$483.60	\$8.00	\$416.00	\$5.00	\$260.00
11. PAVEMENT SURFACE PREPARATION FOR PAVEMENT MARKINGS (4")	LF	371	\$0.20	\$74.20	\$0.10	\$37.10	\$0.04	\$14.84
12. PAVEMENT SURFACE PREPARATION FOR PAVEMENT MARKINGS (8")	LF	333	\$0.50	\$166.50	\$0.10	\$33.30	\$0.06	\$19.98
13. PAVEMENT SURFACE PREPARATION FOR PAVEMENT MARKINGS (12")	LF	189	\$0.50	\$94.50	\$0.15	\$28.35	\$0.20	\$37.80
14. PAVEMENT SURFACE PREPARATION FOR PAVEMENT MARKINGS (24")	LF	45	\$0.50	\$22.50	\$0.35	\$15.75	\$0.30	\$13.50
15. PAVEMENT SURFACE PREPARATION FOR PAVEMENT MARKINGS (ARROW)	EA	6	\$10.00	\$60.00	\$6.25	\$37.50	\$7.00	\$42.00
16. PAVEMENT SURFACE PREPARATION FOR PAVEMENT MARKINGS (WORD)	EA	4	\$10.00	\$40.00	\$6.25	\$25.00	\$9.00	\$36.00
17. PAVEMENT SEALER (4")	LF	371	\$0.50	\$185.50	\$0.35	\$129.85	\$0.08	\$29.68
18. PAVEMENT SEALER (8")	LF	333	\$0.75	\$249.75	\$0.65	\$216.45	\$0.20	\$66.60
19. PAVEMENT SEALER (12")	LF	189	\$1.00	\$189.00	\$0.95	\$179.55	\$0.35	\$66.15
20. PAVEMENT SEALER (24")	LF	45	\$2.00	\$90.00	\$1.90	\$85.50	\$0.50	\$22.50
21. PAVEMENT SEALER (ARROW)	EA	6	\$18.00	\$108.00	\$11.25	\$67.50	\$12.00	\$72.00
22. PAVEMENT SEALER (WORD)	EA	4	\$18.00	\$72.00	\$11.25	\$45.00	\$13.50	\$54.00
23. REMOVE SM RD SN SUP&AM	EA	6	\$100.00	\$600.00	\$100.00	\$600.00	\$70.00	\$420.00
24. FURNISH & INSTALL SM RD SN SUP&AM TY10BWG(1)SA(P)	EA	4	\$750.00	\$3,000.00	\$675.00	\$2,700.00	\$560.00	\$2,240.00
25. FURNISH & INSTALL SM RD SN SUP&AM TY10BWG(1)SA(T)	EA	1	\$750.00	\$750.00	\$690.00	\$690.00	\$700.00	\$700.00
26. FURNISH & INSTALL SM RD SN SUP&AM TY10BWG(1)SA(U)	EA	1	\$1,575.00	\$1,575.00	\$1,140.00	\$1,140.00	\$825.00	\$825.00

SUBTOTAL SECTION B - TRAFFIC

\$94,029.00

\$103,261.85

\$103,340.20

SECTION C - MISCELLANEOUS ITEMS

1. MOBILIZATION, INCLUDING BONDS AND INSURANCE (MAXIMUM 4% OF ENTIRE CONTRACT)	LS	1	\$30,000.00	\$30,000.00	\$47,000.00	\$47,000.00	\$35,000.00	\$35,000.00
2. STABILIZED CONSTRUCTION ENTRANCE, INCLUDING INSTALLATION, MAINTENANCE, AND REMOVAL, COMPLETE IN PLACE.	EA	1	\$2,000.00	\$2,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
3. SWPPP, INCLUDING INLET PROTECTION BARRIERS, REINFORCED FABRIC FENCE, CONCRETE WASHOUTS, SWPPP MANAGEMENT, MAINTENANCE, AND INSPECTION	LS	1	\$5,000.00	\$5,000.00	\$8,000.00	\$8,000.00	\$15,000.00	\$15,000.00
4. ADDITIONAL UTILITY ADJUSTMENTS (ALLOWANCE)	LS	1	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00
5. TEXAS DEPARTMENT OF TRANSPORTATION RETAINING WALL (TXDOT DETAIL RW SFA), INCLUDES EXPANSION JOINT TIE IN TO PROPOSED SIDEWALK AND PAVING (TO BE USED ONLY AS DIRECTED BY THE ENGINEER) COMPLETE IN PLACE.	CY	128	\$2,600.00	\$332,800.00	\$2,600.00	\$332,800.00	\$800.00	\$102,400.00

SUBTOTAL SECTION C - MISCELLANEOUS ITEMS

\$394,800.00

\$417,800.00

\$182,400.00

SECTION D - EXTRA WORK ITEMS

1. EXTRA EXCAVATION (MACHINE)	CY	25	\$10.00	\$250.00	\$25.00	\$625.00	\$10.00	\$250.00
2. EXTRA EXCAVATION (HAND)	CY	10	\$15.00	\$150.00	\$20.00	\$200.00	\$15.00	\$150.00
3. EXTRA LABOR (SKILLED)	MH	80	\$35.00	\$2,800.00	\$40.00	\$3,200.00	\$35.00	\$2,800.00
4. EXTRA LABOR (UNSKILLED)	MH	80	\$25.00	\$2,000.00	\$30.00	\$2,400.00	\$25.00	\$2,000.00
5. EXTRA SELECT FILL (COMPACTED TO 95%)	CY	200	\$25.00	\$5,000.00	\$30.00	\$6,000.00	\$25.00	\$5,000.00
6. EXTRA CEMENT STABILIZED SAND BACKFILL	CY	20	\$60.00	\$1,200.00	\$65.00	\$1,300.00	\$60.00	\$1,200.00
7. EXTRA BACK SAND	CY	10	\$20.00	\$200.00	\$25.00	\$250.00	\$20.00	\$200.00
8. EXTRA CONCRETE WITH FORM AND REINFORCING	CY	15	\$425.00	\$6,375.00	\$600.00	\$9,000.00	\$425.00	\$6,375.00
9. EXTRA LIME FOR SUBGRADE	TON	30	\$200.00	\$6,000.00	\$350.00	\$10,500.00	\$200.00	\$6,000.00

SUBTOTAL SECTION D - EXTRA WORK ITEMS

\$23,975.00

\$33,475.00

\$23,975.00

ALTERNATE A - REPLACE EXISTING WATERLINE

1. REMOVE & DISPOSE EXISTING WATER LINE (ALL SIZES), COMPLETE IN PLACE	LF	460	\$20.00	\$9,200.00	\$30.00	\$13,800.00	\$18.00	\$8,280.00
2. 8" PVC WATER PIPE, C-900, DR-14, RESTRAINED JOINTS, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, FITTINGS AND OFFSETS, RECONNECTION INTO MAIN AND SERVICE RECONNECTS, COMPLETE IN PLACE	LF	460	\$175.00	\$80,500.00	\$120.00	\$55,200.00	\$125.00	\$57,500.00
3. 8" GATE VALVE, INCLUDING CONNECTION TO EXISTING 8" WATERLINE, COMPLETE IN PLACE.	EA	2	\$1,904.00	\$3,808.00	\$3,700.00	\$7,400.00	\$1,500.00	\$3,000.00

BID TABULATION FOR:

BAY RIDGE FLOOD REDUCTION - PHASE I (DR 2004)
 ITB #24-011
 CITY OF LEAGUE CITY, GALVESTON COUNTY, TEXAS
 FEBRUARY 13, 2024
 CITY OF LEAGUE CITY
 C. KALKOMEY
 FEBRUARY 20, 2024
 0624-0101b (9.2)

BID OPENING DATE:
BID OPENING LOCATION:
TABULATION BY:
TABULATION DATE:
LJA JOB NO.

4) ENVIRONMENTAL ALLIES, LLC

5) TANDEM SERVICES, LLC

ENGINEER'S OPCC

ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
4. ADJUST EXISTING FLUSHING VALVE WITH GATE VALVE (ALL SIZES), INLCUDES ALL NECESSARY APPERTENANCES, FITTINGS, AND CONNECTORS, COMPLETE IN PLACE	EA	1	\$19,276.00	\$19,276.00	\$3,250.00	\$3,250.00	\$4,000.00	\$4,000.00	
5. REMOVEAND REPLACE EXISTING FIRE HYDRANT ASSEMBLY AND GATE VALUE (ALL SIZES), INLCUDES CONNECTION INTO PROPOSED WATERLINE AND ALL NECESSARY APPERTENANCES, FITTINGS, AND CONNECTORS, COMPLETE IN PLACE	EA	1	\$5,000.00	\$5,000.00	\$9,500.00	\$9,500.00	\$8,000.00	\$8,000.00	
6. TRENCH SAFETY	LF	460	\$20.00	\$9,200.00	\$3.00	\$1,380.00	\$2.00	\$920.00	
SUBTOTAL ALTERNATE A - REPLACE EXISTING WATERLINE				\$126,984.00		\$90,530.00		\$81,700.00	
ALTERNATE B - TXDOT FAST TRACK PAVEMENT									
1. IN LIEU OF ITEMS 8 AND 9 (BASE BID - SECTION A), 9" THICK FAST TRACK (TXDOT STANDARDS) INCLUDING CONCRETE AND ALL SUBGRADE MATERIAL AND PREPARATION.	SY	3,750	\$250.00	\$937,500.00	\$145.00	\$543,750.00	\$120.00	\$450,000.00	
SUBTOTAL ALTERNATE B - TXDOT FAST TRACK PAVEMENT				\$937,500.00		\$543,750.00		\$450,000.00	
BID SUMMARY									
SUBTOTAL SECTION A - BAY RIDGE DRIVE IMPROVEMENTS				\$710,631.75		\$722,549.00		\$634,966.00	
SUBTOTAL SECTION B - TRAFFIC				\$94,029.00		\$103,261.85		\$103,340.20	
SUBTOTAL SECTION C - MISCELLANEOUS ITEMS				\$394,800.00		\$417,800.00		\$182,400.00	
SUBTOTAL SECTION D - EXTRA WORK ITEMS				\$23,975.00		\$33,475.00		\$23,975.00	
TOTAL AMOUNT BID				\$1,223,435.75		\$1,277,085.85		\$944,681.20	
ALTERNATE BID									
ALTERNATE A - REPLACE EXISTING WATERLINE				\$126,984.00		\$90,530.00		\$81,700.00	
TOTAL AMOUNT BID WITH ALTERNATE A - REPLACE EXISTING WATERLINE				\$1,350,419.75		\$1,367,615.85		\$1,026,381.20	
ALTERNATE B - TXDOT FAST TRACK PAVEMENT				\$937,500.00		\$543,750.00		\$450,000.00	
TOTAL AMOUNT BID WITH ALTERNATE B - TXDOT FAST TRACK PAVEMENT				\$2,160,935.75		\$1,820,835.85		\$1,394,681.20	
TOTAL AMOUNT BID WITH ALTERNATE A AND ALTERNATE B				\$2,287,919.75		\$1,911,365.85		\$1,476,381.20	