

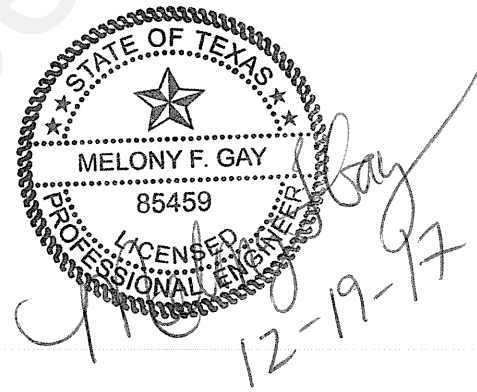
BID TABULATION FOR:

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

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES & PAVING AND APPURTENANCES
TO SERVE TAMARRON TRACE SECTION 3
FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 182
CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
DECEMBER 19, 2017
LJA ENGINEERING, INC.
B. ALVAREZ
DECEMBER 19, 2017
JOB NUMBER 1931-6031D (9.2)

BIDDER'S NAME	TOTAL BID AMOUNT	TOTAL AMOUNT BID INCLUDING ALTERNATE BID NO. 1
1) DURWOOD GREENE CONSTRUCTION CO.	\$1,265,741.05	\$1,359,413.05
2) HARRIS CONSTRUCTION COMPANY, LTD.	\$1,271,376.35	\$1,354,640.35
3) TEXASITE, INC.	\$1,306,103.95	\$1,451,815.95
4) R CONSTRUCTION CIVIL, LLC DBA R CONSTRUCTION COMPANY	\$1,301,453.45 *	\$1,717,773.45 *

CALENDAR DAYS - 45/60



Melony F. Gay

I, Melony Gay, P.E., hereby certify these bid tabulations to be true and correct.

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES & PAVING AND APPURTENANCES
 TO SERVE TAMARRON TRACE SECTION 3
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 182
 CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
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1) DURWOOD GREENE CONSTRUCTION CO. 2) HARRIS CONSTRUCTION COMPANY, LTD. 3) TEXASITE, INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER SYSTEM ITEMS									
1.	12" P.V.C. WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	867	\$61.00	\$52,887.00	\$25.00	\$21,675.00	\$40.00	\$34,680.00
2.	12" P.V.C. WATER PIPE, C-905, DR 18, CLASS 235, RESTRAINED JOINT, INCLUDING FITTINGS, JOINTS AND VERTICAL OFFSET ASSEMBLY, ALL DEPTHS, COMPLETE IN PLACE	LF	75	\$105.00	\$7,875.00	\$70.00	\$5,250.00	\$87.00	\$6,525.00
3.	EXISTING 12" P.V.C. WATER PIPE, TO BE ADJUSTED AROUND PROPOSED INLETS, AS NEEDED, AT THE DIRECTION OF THE ENGINEER, ALL DEPTHS, COMPLETE IN PLACE	LF	719	\$45.00	\$32,355.00	\$30.00	\$21,570.00	\$34.00	\$24,446.00
4.	EXISTING 12" P.V.C. WATER PIPE, TO BE REMOVED AND DISPOSED OF, COMPLETE IN PLACE	LF	120	\$33.00	\$3,960.00	\$12.00	\$1,440.00	\$151.00	\$18,120.00
5.	FIRE HYDRANT UNIT (MUELLER), ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" VALVE & BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	6	\$3,650.00	\$21,900.00	\$3,685.00	\$22,110.00	\$3,700.00	\$22,200.00
6.	12" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	6	\$2,350.00	\$14,100.00	\$1,800.00	\$10,800.00	\$2,185.00	\$13,110.00
7.	2" BLOW OFF ASSEMBLY IN BOX, COMPLETE IN PLACE	EA	3	\$500.00	\$1,500.00	\$600.00	\$1,800.00	\$630.00	\$1,890.00
8.	12" PLUG & CLAMP, COMPLETE IN PLACE	EA	3	\$212.00	\$636.00	\$200.00	\$600.00	\$330.00	\$990.00
9.	CAST IRON WATERLINE FITTINGS, COMPLETE IN PLACE	TON	0.68	\$10.00	\$6.80	\$2,000.00	\$1,360.00	\$1,400.00	\$952.00
10.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	867	\$0.15	\$130.05	\$0.25	\$216.75	\$1.00	\$867.00
11.	REMOVE AND DISPOSE EXISTING PLUG & CLAMP AND CONNECT PROPOSED WATER LINE, INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, COMPLETE IN PLACE (ALL SIZES)	EA	1	\$185.00	\$185.00	\$200.00	\$200.00	\$400.00	\$400.00
12.	6" IRRIGATION SLEEVES, COMPLETE IN PLACE	LF	405	\$18.00	\$7,290.00	\$18.00	\$7,290.00	\$25.00	\$10,125.00
13.	METHOD "A" CONSTRUCTION FOR WATER, SANITARY SEWER, AND DRAINAGE STAKING BY THE CONTRACTOR PER GBI PARTNERS, LP, 281.499.4539, COMPLETE IN PLACE	LS	1	\$4,200.00	\$4,200.00	\$4,199.75	\$4,199.75	\$4,199.75	\$4,199.75
14.	INSTALL, MAINTAIN, AND REMOVE STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711 (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00
15.	CITY OF FULSHEAR INSPECTION FEE (0.75% OF TOTAL CONSTRUCTION COST), COMPLETE IN PLACE	LS	1	\$9,498.00	\$9,498.00	\$10,000.00	\$10,000.00	\$3,800.00	\$3,800.00
16.	AUGER OF 12" P.V.C. WATER PIPE, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	LF	47	\$70.00	\$3,290.00	\$60.00	\$2,820.00	\$100.00	\$4,700.00
SUBTOTAL WATER SYSTEM ITEMS					\$160,812.85		\$113,331.50		\$148,004.75
SANITARY SEWER ITEMS									
1.	EXISTING 12" FORCE MAIN TO BE ADJUSTED AROUND PROPOSED INLET, COMPLETE IN PLACE	LF	30	\$49.00	\$1,470.00	\$500.00	\$15,000.00	\$385.00	\$11,550.00
2.	12" P.V.C. SEWER PIPE FORCE MAIN, C-900, DR 18, CLASS 235, ALL DEPTHS, AS DIRECTED BY ENGINEER, IF NECESSARY IN ADJUSTMENT OF EXISTING FORCE MAIN, COMPLETE IN PLACE	LF	32	\$335.00	\$10,720.00	\$600.00	\$19,200.00	\$47.00	\$1,504.00
SUBTOTAL SANITARY SEWER ITEMS					\$12,190.00		\$34,200.00		\$13,054.00
DRAINAGE FACILITIES ITEMS									

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 CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
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 LJA ENGINEERING, INC.
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LJA JOB NO.

1) DURWOOD GREENE CONSTRUCTION CO. 2) HARRIS CONSTRUCTION COMPANY, LTD. 3) TEXASITE, INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1.	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	568	\$85.00	\$48,280.00	\$65.00	\$36,920.00	\$77.00	\$43,736.00
2.	STAGE I – STANDARD PRECAST INLET TYPE "C-1," ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	16	\$1,270.00	\$20,320.00	\$1,000.00	\$16,000.00	\$2,000.00	\$32,000.00
3.	STAGE II – STANDARD PRECAST INLET TYPE "C-1," (INCLUDES TEMPORARY SAND – FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	16	\$2,800.00	\$44,800.00	\$1,500.00	\$24,000.00	\$2,000.00	\$32,000.00
4.	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$1,700.00	\$3,400.00	\$1,925.00	\$3,850.00	\$3,000.00	\$6,000.00
5.	FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS INCLUDING EXISTING MANHOLES & JUNCTION BOX TOPS, COMPLETE IN PLACE	EA	13	\$525.00	\$6,825.00	\$150.00	\$1,950.00	\$1.00	\$13.00
6.	CORE INTO STORM MANHOLE AND CONNECT PROPOSED STORM SEWER PIPE, COMPLETE IN PLACE	EA	1	\$1,350.00	\$1,350.00	\$1,800.00	\$1,800.00	\$500.00	\$500.00
7.	BREAK INTO EXISTING 24" STORM SEWER AND CONNECT PROPOSED STORM MANHOLE, COMPLETE IN PLACE	EA	1	\$750.00	\$750.00	\$5,000.00	\$5,000.00	\$750.00	\$750.00
8.	REMOVE EXISTING 8" BRICK PLUG FOR STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	12	\$440.00	\$5,280.00	\$400.00	\$4,800.00	\$450.00	\$5,400.00
9.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	568	\$0.15	\$85.20	\$0.25	\$142.00	\$1.00	\$568.00
10.	SOD FOR EROSION CONTROL AROUND TYPE "E" INLETS AND RESERVES A, B, AND C IN SECTION 31, COMPLETE IN PLACE	SY	3,760	\$0.25	\$940.00	\$5.00	\$18,800.00	\$1.00	\$3,760.00
11.	SILT FENCE INLET PROTECTION BARRIERS, SWMHCA SPECIFICATION NO.4511, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	18	\$80.00	\$1,440.00	\$50.00	\$900.00	\$65.00	\$1,170.00
12.	INSTALLATION, MAINTENANCE AND REMOVAL OF REINFORCED FILTER FABRIC FENCE SWMHCA SPECIFICATIONS NO.4311, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	3,776	\$1.60	\$6,041.60	\$1.60	\$6,041.60	\$1.60	\$6,041.60
13.	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING CONTRACTOR BOOKLET, NOI AND NOT, COMPLETE IN PLACE	LS	1	\$1,500.00	\$1,500.00	\$500.00	\$500.00	\$2,500.00	\$2,500.00
14.	MODIFY EXISTING JUNCTION BOX W/ E-INLET TOP RIM ELEVATION AND CONVERT EXISTING E-INLET TO A-INLET TOP, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	EA	1	\$1,400.00	\$1,400.00	\$1,000.00	\$1,000.00	\$350.00	\$350.00
15.	MODIFY EXISTING E-INLET RIM ELEVATION AND CONVERT EXISTING E-INLET TOP TO A-INLET TOP, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	EA	3	\$1,350.00	\$4,050.00	\$1,000.00	\$3,000.00	\$350.00	\$1,050.00
16.	DRAINAGE SWALE, V-BOTTOM, GRADED TO DRAIN, INCLUDING HYDROMULCH, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	946	\$2.00	\$1,892.00	\$2.00	\$1,892.00	\$2.00	\$1,892.00
17.	LIGHT CLEARING AND GRUBBING OF RESERVE "A" WITHIN SECTION 31, TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	AC	0.3	\$4,000.00	\$1,200.00	\$10,000.00	\$3,000.00	\$1,800.00	\$540.00
18.	TAMARRON TRACE SECTION 3 WATER, SANITARY SEWER, AND STORM SEWER UTILITY SPOILS TO BE USED AS FILL WITHIN PROJECT LIMITS, INCLUDES EXCAVATION, HAULING, PLACING, AND COMPACTION AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	912	\$2.50	\$2,280.00	\$2.50	\$2,280.00	\$2.00	\$1,824.00
19.	EXISTING SECTION 24 UTILITY SPOILS LOCATED IN TAMARRON TRACE TO BE USED AS FILL, INCLUDES EXCAVATION, HAULING, PLACING, AND COMPACTION AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	1,365	\$4.50	\$6,142.50	\$2.50	\$3,412.50	\$3.00	\$4,095.00

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 TO SERVE TAMARRON TRACE SECTION 3
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 182
 CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
 DECEMBER 19, 2017
 LJA ENGINEERING, INC.
 B. ALVAREZ
 DECEMBER 19, 2017
 JOB NUMBER 1931-6031D (9.2)

1) DURWOOD GREENE CONSTRUCTION CO. 2) HARRIS CONSTRUCTION COMPANY, LTD. 3) TEXASITE, INC.

ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
20. DEMUCK EXISTING DRAINAGE SWALES, COMPLETE IN PLACE	LF	4,459	\$2.50	\$11,147.50	\$2.25	\$10,032.75	\$2.00	\$8,918.00	
21. REMOVAL AND DISPOSAL OF EXISTING R.C.P., COMPLETE IN PLACE	LF	75	\$35.00	\$2,625.00	\$12.00	\$900.00	\$60.00	\$4,500.00	
22. CEMENT STABILIZED SAND, TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	1,000	\$20.00	\$20,000.00	\$40.00	\$40,000.00	\$20.00	\$20,000.00	
SUBTOTAL DRAINAGE FACILITIES ITEMS				\$191,748.80		\$186,220.85		\$177,607.60	
PAVING AND APPURTENANCES IMPROVEMENT ITEMS									
1. 8" REINFORCED CONCRETE PAVEMENT , COMPLETE IN PLACE	SY	14,077	\$45.50	\$640,503.50	\$42.00	\$591,234.00	\$45.00	\$633,465.00	
2. 6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	8,798	\$2.50	\$21,995.00	\$2.65	\$23,314.70	\$3.00	\$26,394.00	
3. 6" LIME STABILIZED SUBGRADE, INCLUDES COMPACTION TO 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	SY	16,086	\$2.00	\$32,172.00	\$1.80	\$28,954.80	\$2.60	\$41,823.60	
4. 3% LIME BY WEIGHT, 14LB/SY FOR SUBGRADE, QUANTITY TO BE PAID ONLY FOR FIELD LAB RECOMMENDED QUANTITY, COMPLETE IN PLACE	TON	112	\$170.00	\$19,040.00	\$180.00	\$20,160.00	\$180.00	\$20,160.00	
5. 7% FLY ASH BY WEIGHT, 32LB/SY FOR SUBGRADE, QUANTITY TO BE PAID ONLY FOR FIELD LAB RECOMMENDED QUANTITY, COMPLETE IN PLACE	TON	258	\$80.00	\$20,640.00	\$90.00	\$23,220.00	\$80.00	\$20,640.00	
6. 6' WHEELCHAIR RAMPS, INCLUDING TRUNCATED DOME BRICKS TO BE STAINED WITH CONTRASTING COLOR PER THE EXISTING WHEEL CHAIR RAMPS LOCATED WITHIN SUBDIVISION, INCLUDES REMOVAL OF EXISTING CURB IF REQUIRED AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	EA	8	\$1,400.00	\$11,200.00	\$1,250.00	\$10,000.00	\$1,060.00	\$8,480.00	
7. 5' REINFORCED CONCRETE SIDEWALK, COMPLETE IN PLACE	LF	4,231	\$22.50	\$95,197.50	\$35.00	\$148,085.00	\$30.00	\$126,930.00	
8. PERMANENT TRAFFIC CONTROL DEVICES, INCLUDING TRAFFIC BUTTONS, PAVEMENT STRIPING, MARKERS, REFLECTIVE PAINT ON MEDIAN NOSES, STOP SIGNS, STREET SIGNS, AND ALL OTHER TRAFFIC SIGNS SHOWN IN PLANS, ETC., COMPLETE IN PLACE	LS	1	\$6,400.00	\$6,400.00	\$14,000.00	\$14,000.00	\$13,250.00	\$13,250.00	
9. 4" SQUARE DOUBLE REFLECTORIZED BLUE TRAFFIC BUTTONS FOR FIRE HYDRANT LOCATION, COMPLETE IN PLACE	EA	5	\$15.00	\$75.00	\$11.00	\$55.00	\$5.30	\$26.50	
10. REMOVAL AND RELOCATION OF EXISTING TYPE III BARRICADE, ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	2	\$1,600.00	\$3,200.00	\$900.00	\$1,800.00	\$37.00	\$74.00	
11. 16" SOD STRIPING ALONG BACK OF CURB, COMPLETE IN PLACE	LF	8,798	\$0.05	\$439.90	\$1.00	\$8,798.00	\$0.50	\$4,399.00	
12. OVER EXCAVATION OF UNSUITABLE MATERIAL FOR FILL PLACEMENT, COMPLETE IN PLACE	CY	6,000	\$2.00	\$12,000.00	\$2.00	\$12,000.00	\$2.00	\$12,000.00	
13. COMMON ROADWAY EXCAVATION TO BE HAULED, STRIPPED, PLACED, AND COMPACTED ON-SITE FOR ROADWAY FILL, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	CY	2,210	\$3.00	\$6,630.00	\$3.00	\$6,630.00	\$8.40	\$18,564.00	
14. HAUL DIRT FROM STOCKPILE, LESS THAN 0.50 MILES AWAY OFFROAD, TO TAMARRON TRACE TO BE PLACED AND COMPACTED, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	CY	3,535	\$3.50	\$12,372.50	\$3.50	\$12,372.50	\$6.80	\$24,038.00	
15. 2' ASPHALT TRANSITION, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	SY	45	\$125.00	\$5,625.00	\$350.00	\$15,750.00	\$127.00	\$5,715.00	
16. STANDARD PAVING HEADER, COMPLETE IN PLACE	LF	80	\$15.00	\$1,200.00	\$8.00	\$640.00	\$21.00	\$1,680.00	

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1) DURWOOD GREENE CONSTRUCTION CO. 2) HARRIS CONSTRUCTION COMPANY, LTD. 3) TEXASITE, INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
17.	LIGHT CLEARING AND GRUBBING OF FUTURE KATY FULSHEAR ROW SOUTH OF SECTION 31 INCLUDING REMOVAL AND DISPOSAL OF ANY TRASH AND DEBRIS, INCLUDING PIPE, TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	AC	1	\$3,500.00	\$3,500.00	\$3,000.00	\$3,000.00	\$2,120.00	\$2,120.00
18.	ADDITIONAL GRADING OF RESERVES A, B, AND C WITHIN SECTION 31 AND SOUTHWEST SIDE ON PROJECT SITE TOWARD K, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	SY	12,550	\$0.50	\$6,275.00	\$1.00	\$12,550.00	\$0.35	\$4,392.50
19.	AS-BUILT TOPO OF ALL GRADED AREAS, INCLUDING MEDIAN, PER GBI PARTNERS, LP, 281.499.4539, COMPLETE IN PLACE	LS	1	\$2,500.00	\$2,500.00	\$3,500.00	\$3,500.00	\$2,650.00	\$2,650.00
20.	BROADCAST SEEDING, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	AC	2.4	\$10.00	\$24.00	\$650.00	\$1,560.00	\$265.00	\$636.00
SUBTOTAL PAVING AND APPURTENANCES IMPROVEMENT ITEMS					\$900,989.40		\$937,624.00		\$967,437.60
ALTERNATE BID NO. 1 ITEMS									
1.	HAUL DIRT WITH OFF-ROAD TRUCKS FROM STOCKPILE LOCATED ADJACENT TO PROJECT SITE LESS THAN 0.50 MILES AWAY TO TAMARRON TRACE TO BE PLACED AND COMPACTED IN LIEU OF ON-SITE/OFF-SITE FILL AS INDICATED IN BASE BID, COMPLETE IN PLACE	CY	20,816	\$4.50	\$93,672.00	\$4.00	\$83,264.00	\$7.00	\$145,712.00
SUBTOTAL ALTERNATE BID NO. 1 ITEMS					\$93,672.00		\$83,264.00		\$145,712.00
BID SUMMARY									
SUBTOTAL WATER SYSTEM ITEMS					\$160,812.85		\$113,331.50		\$148,004.75
SUBTOTAL SANITARY SEWER ITEMS					\$12,190.00		\$34,200.00		\$13,054.00
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$191,748.80		\$186,220.85		\$177,607.60
SUBTOTAL PAVING AND APPURTENANCES IMPROVEMENT ITEMS					\$900,989.40		\$937,624.00		\$967,437.60
TOTAL AMOUNT BID					\$1,265,741.05		\$1,271,376.35		\$1,306,103.95
SUBTOTAL ALTERNATE BID NO. 1 ITEMS					\$93,672.00		\$83,264.00		\$145,712.00
TOTAL AMOUNT BID INCLUDING ALTERNATE BID NO. 1					\$1,359,413.05		\$1,354,640.35		\$1,451,815.95

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4) R CONSTRUCTION CIVIL, LLC DBA
 R CONSTRUCTION COMPANY

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
WATER SYSTEM ITEMS					
1.	12" P.V.C. WATER PIPE, C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	867	\$29.00	\$25,143.00
2.	12" P.V.C. WATER PIPE, C-905, DR 18, CLASS 235, RESTRAINED JOINT, INCLUDING FITTINGS, JOINTS AND VERTICAL OFFSET ASSEMBLY, ALL DEPTHS, COMPLETE IN PLACE	LF	75	\$78.00	\$5,850.00
3.	EXISTING 12" P.V.C. WATER PIPE, TO BE ADJUSTED AROUND PROPOSED INLETS, AS NEEDED, AT THE DIRECTION OF THE ENGINEER, ALL DEPTHS, COMPLETE IN PLACE	LF	719	\$14.00	\$10,066.00
4.	EXISTING 12" P.V.C. WATER PIPE, TO BE REMOVED AND DISPOSED OF, COMPLETE IN PLACE	LF	120	\$24.00	\$2,880.00
5.	FIRE HYDRANT UNIT (MUELLER), ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" VALVE & BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	6	\$3,500.00	\$21,000.00
6.	12" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	6	\$1,760.00	\$10,560.00
7.	2" BLOW OFF ASSEMBLY IN BOX, COMPLETE IN PLACE	EA	3	\$820.00	\$2,460.00
8.	12" PLUG & CLAMP, COMPLETE IN PLACE	EA	3	\$150.00	\$450.00
9.	CAST IRON WATERLINE FITTINGS, COMPLETE IN PLACE	TON	0.68	\$1,040.00	\$707.20
10.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	867	\$0.10	\$86.70
11.	REMOVE AND DISPOSE EXISTING PLUG & CLAMP AND CONNECT PROPOSED WATER LINE, INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, COMPLETE IN PLACE (ALL SIZES)	EA	1	\$230.00	\$230.00
12.	6" IRRIGATION SLEEVES, COMPLETE IN PLACE	LF	405	\$18.50	\$7,492.50
13.	METHOD "A" CONSTRUCTION FOR WATER, SANITARY SEWER, AND DRAINAGE STAKING BY THE CONTRACTOR PER GBI PARTNERS, LP, 281.499.4539, COMPLETE IN PLACE	LS	1	\$4,199.75	\$4,199.75
14.	INSTALL, MAINTAIN, AND REMOVE STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711 (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00
15.	CITY OF FULSHEAR INSPECTION FEE (0.75% OF TOTAL CONSTRUCTION COST), COMPLETE IN PLACE	LS	1	\$9,802.00	\$9,802.00
16.	AUGER OF 12" P.V.C. WATER PIPE, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	LF	47	\$125.00	\$5,875.00
SUBTOTAL WATER SYSTEM ITEMS					\$107,802.15
SANITARY SEWER ITEMS					
1.	EXISTING 12" FORCE MAIN TO BE ADJUSTED AROUND PROPOSED INLET, COMPLETE IN PLACE	LF	30	\$41.00	\$1,230.00
2.	12" P.V.C. SEWER PIPE FORCE MAIN, C-900, DR 18, CLASS 235, ALL DEPTHS, AS DIRECTED BY ENGINEER, IF NECESSARY IN ADJUSTMENT OF EXISTING FORCE MAIN, COMPLETE IN PLACE	LF	32	\$34.00	\$1,088.00
SUBTOTAL SANITARY SEWER ITEMS					\$2,318.00
DRAINAGE FACILITIES ITEMS					

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES & PAVING AND APPURTENANCES
 TO SERVE TAMARRON TRACE SECTION 3
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 182
 CITY OF FULSHEAR, FORT BEND COUNTY, TEXAS
 DECEMBER 19, 2017
 LJA ENGINEERING, INC.
 B. ALVAREZ
 DECEMBER 19, 2017
 JOB NUMBER 1931-6031D (9.2)

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

4) R CONSTRUCTION CIVIL, LLC DBA
 R CONSTRUCTION COMPANY

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
1.	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	568	\$70.00	\$39,760.00
2.	STAGE I – STANDARD PRECAST INLET TYPE "C-1," ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	16	\$1,340.00	\$21,440.00
3.	STAGE II – STANDARD PRECAST INLET TYPE "C-1," (INCLUDES TEMPORARY SAND – FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	16	\$1,520.00	\$24,320.00
4.	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$1,840.00	\$3,680.00
5.	FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS INCLUDING EXISTING MANHOLES & JUNCTION BOX TOPS, COMPLETE IN PLACE	EA	13	\$350.00	\$4,550.00
6.	CORE INTO STORM MANHOLE AND CONNECT PROPOSED STORM SEWER PIPE, COMPLETE IN PLACE	EA	1	\$380.00	\$380.00
7.	BREAK INTO EXISTING 24" STORM SEWER AND CONNECT PROPOSED STORM MANHOLE, COMPLETE IN PLACE	EA	1	\$405.00	\$405.00
8.	REMOVE EXISTING 8" BRICK PLUG FOR STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	12	\$470.00	\$5,640.00
9.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	568	\$0.10	\$56.80
10.	SOD FOR EROSION CONTROL AROUND TYPE "E" INLETS AND RESERVES A, B, AND C IN SECTION 31, COMPLETE IN PLACE	SY	3,760	\$1.00	\$3,760.00
11.	SILT FENCE INLET PROTECTION BARRIERS, SWMHCA SPECIFICATION NO.4511, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	18	\$45.00	\$810.00
12.	INSTALLATION, MAINTENANCE AND REMOVAL OF REINFORCED FILTER FABRIC FENCE SWMHCA SPECIFICATIONS NO.4311, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	3,776	\$1.60	\$6,041.60
13.	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING CONTRACTOR BOOKLET, NOI AND NOT, COMPLETE IN PLACE	LS	1	\$1,200.00	\$1,200.00
14.	MODIFY EXISTING JUNCTION BOX W/ E-INLET TOP RIM ELEVATION AND CONVERT EXISTING E-INLET TO A-INLET TOP, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	EA	1	\$750.00	\$750.00
15.	MODIFY EXISTING E-INLET RIM ELEVATION AND CONVERT EXISTING E-INLET TOP TO A-INLET TOP, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	EA	3	\$750.00	\$2,250.00
16.	DRAINAGE SWALE, V-BOTTOM, GRADED TO DRAIN, INCLUDING HYDROMULCH, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	946	\$2.00	\$1,892.00
17.	LIGHT CLEARING AND GRUBBING OF RESERVE "A" WITHIN SECTION 31, TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	AC	0.3	\$5,000.00	\$1,500.00
18.	TAMARRON TRACE SECTION 3 WATER, SANITARY SEWER, AND STORM SEWER UTILITY SPOILS TO BE USED AS FILL WITHIN PROJECT LIMITS, INCLUDES EXCAVATION, HAULING, PLACING, AND COMPACTION AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	912	\$3.10	\$2,827.20
19.	EXISTING SECTION 24 UTILITY SPOILS LOCATED IN TAMARRON TRACE TO BE USED AS FILL, INCLUDES EXCAVATION, HAULING, PLACING, AND COMPACTION AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	1,365	\$2.80	\$3,822.00

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 TO SERVE TAMARRON TRACE SECTION 3
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4) R CONSTRUCTION CIVIL, LLC DBA
 R CONSTRUCTION COMPANY

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
20.	DEMUCK EXISTING DRAINAGE SWALES, COMPLETE IN PLACE	LF	4,459	\$4.00	\$17,836.00
21.	REMOVAL AND DISPOSAL OF EXISTING R.C.P., COMPLETE IN PLACE	LF	75	\$52.00	\$3,900.00
22.	CEMENT STABILIZED SAND, TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	1,000	\$20.00	\$20,000.00
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$166,820.60
PAVING AND APPURTENANCES IMPROVEMENT ITEMS					
1.	8" REINFORCED CONCRETE PAVEMENT , COMPLETE IN PLACE	SY	14,077	\$44.20	\$622,203.40
2.	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	8,798	\$2.20	\$19,355.60
3.	6" LIME STABILIZED SUBGRADE, INCLUDES COMPACTION TO 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	SY	16,086	\$3.00	\$48,258.00
4.	3% LIME BY WEIGHT, 14LB/SY FOR SUBGRADE, QUANTITY TO BE PAID ONLY FOR FIELD LAB RECOMMENDED QUANTITY, COMPLETE IN PLACE	TON	112	\$182.00	\$20,384.00
5.	7% FLY ASH BY WEIGHT, 32LB/SY FOR SUBGRADE, QUANTITY TO BE PAID ONLY FOR FIELD LAB RECOMMENDED QUANTITY, COMPLETE IN PLACE	TON	258	\$88.00	\$22,704.00
6.	6' WHEELCHAIR RAMPS, INCLUDING TRUNCATED DOME BRICKS TO BE STAINED WITH CONTRASTING COLOR PER THE EXISTING WHEEL CHAIR RAMPS LOCATED WITHIN SUBDIVISION, INCLUDES REMOVAL OF EXISTING CURB IF REQUIRED AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	EA	8	\$1,550.00	\$12,400.00
7.	5' REINFORCED CONCRETE SIDEWALK, COMPLETE IN PLACE	LF	4,231	\$44.20	\$187,010.20
8.	PERMANENT TRAFFIC CONTROL DEVICES, INCLUDING TRAFFIC BUTTONS, PAVEMENT STRIPING, MARKERS, REFLECTIVE PAINT ON MEDIAN NOSES, STOP SIGNS, STREET SIGNS, AND ALL OTHER TRAFFIC SIGNS SHOWN IN PLANS, ETC., COMPLETE IN PLACE	LS	1	\$6,960.00	\$6,960.00
9.	4" SQUARE DOUBLE REFLECTORIZED BLUE TRAFFIC BUTTONS FOR FIRE HYDRANT LOCATION, COMPLETE IN PLACE	EA	5	\$11.00	\$55.00
10.	REMOVAL AND RELOCATION OF EXISTING TYPE III BARRICADE, ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	2	\$880.00	\$1,760.00
11.	16" SOD STRIPING ALONG BACK OF CURB, COMPLETE IN PLACE	LF	8,798	\$4.00	\$35,192.00
12.	OVER EXCAVATION OF UNSUITABLE MATERIAL FOR FILL PLACEMENT, COMPLETE IN PLACE	CY	6,000	\$2.00	\$12,000.00
13.	COMMON ROADWAY EXCAVATION TO BE HAULED, STRIPPED, PLACED, AND COMPACTED ON-SITE FOR ROADWAY FILL, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	CY	2,210	\$2.40	\$5,304.00
14.	HAUL DIRT FROM STOCKPILE, LESS THAN 0.50 MILES AWAY OFFROAD, TO TAMARRON TRACE TO BE PLACED AND COMPACTED, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	CY	3,535	\$2.40	\$8,484.00 *
15.	2' ASPHALT TRANSITION, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	SY	45	\$155.00	\$6,975.00
16.	STANDARD PAVING HEADER, COMPLETE IN PLACE	LF	80	\$11.00	\$880.00

*Mathematical Error

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ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
17. LIGHT CLEARING AND GRUBBING OF FUTURE KATY FULSHEAR ROW SOUTH OF SECTION 31 INCLUDING REMOVAL AND DISPOSAL OF ANY TRASH AND DEBRIS, INCLUDING PIPE, TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	AC	1	\$5,000.00	\$5,000.00
18. ADDITIONAL GRADING OF RESERVES A, B, AND C WITHIN SECTION 31 AND SOUTHWEST SIDE ON PROJECT SITE TOWARD K, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	SY	12,550	\$0.45	\$5,647.50
19. AS-BUILT TOPO OF ALL GRADED AREAS, INCLUDING MEDIAN, PER GBI PARTNERS, LP, 281.499.4539, COMPLETE IN PLACE	LS	1	\$2,500.00	\$2,500.00
20. BROADCAST SEEDING, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	AC	2.4	\$600.00	\$1,440.00
SUBTOTAL PAVING AND APPURTENANCES IMPROVEMENT ITEMS				\$1,024,512.70 *
ALTERNATE BID NO. 1 ITEMS				
1. HAUL DIRT WITH OFF-ROAD TRUCKS FROM STOCKPILE LOCATED ADJACENT TO PROJECT SITE LESS THAN 0.50 MILES AWAY TO TAMARRON TRACE TO BE PLACED AND COMPACTED IN LIEU OF ON-SITE/OFF-SITE FILL AS INDICATED IN BASE BID, COMPLETE IN PLACE	CY	20,816	\$20.00	\$416,320.00
SUBTOTAL ALTERNATE BID NO. 1 ITEMS				\$416,320.00
BID SUMMARY				
SUBTOTAL WATER SYSTEM ITEMS				\$107,802.15
SUBTOTAL SANITARY SEWER ITEMS				\$2,318.00
SUBTOTAL DRAINAGE FACILITIES ITEMS				\$166,820.60
SUBTOTAL PAVING AND APPURTENANCES IMPROVEMENT ITEMS				\$1,024,512.70 *
TOTAL AMOUNT BID				\$1,301,453.45 *
SUBTOTAL ALTERNATE BID NO. 1 ITEMS				\$416,320.00
TOTAL AMOUNT BID INCLUDING ALTERNATE BID NO. 1				\$1,717,773.45 *