

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES, AND PAVING & APPURTENANCES
TO SERVE TAMARRON SECTION 28
FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 182
CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
NOVEMBER 4, 2020
LJA ENGINEERING, INC.
D. FORREST
NOVEMBER 4, 2020
1931-6028 (9.2)

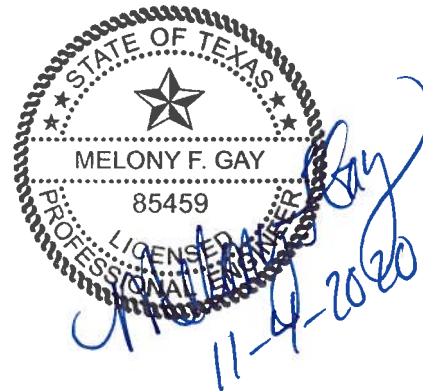
BID OPENING DATE:
BID OPENING LOCATION:
TABULATION BY:
TABULATION DATE:
LJA JOB NO.

BIDDER'S NAME	TOTAL AMOUNT BID
1) R CONSTRUCTION CIVIL	\$252,032.40

CALENDAR DAYS - 45/60

Melony Gay

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



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 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
 NOVEMBER 4, 2020
 LJA ENGINEERING, INC.
 D. FORREST
 NOVEMBER 4, 2020
 1931-6028 (9.2)

1) R CONSTRUCTION CIVIL					
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
WATER SYSTEM ITEMS					
1	6" P.V.C. WATER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	418	\$16.00	\$6,688.00
2	8" P.V.C. WATER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	296	\$22.00	\$6,512.00
3	6" AWWA GATE VALVE (MUELLER) & BOX, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00
4	FIRE HYDRANT UNIT (MUELLER), ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	1	\$4,400.00	\$4,400.00
5	TRENCH SAFETY SYSTEM, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	714	\$1.00	\$714.00
6	REMOVE AND DISPOSE EXISTING PLUG & CLAMP, BLOW-OFF VALVE AND CONNECT PROPOSED WATER LINE, INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, AND DISINFECTION OF EXISTING WATERLINE AS NEEDED, COMPLETE IN PLACE (ALL SIZES)	EA	1	\$200.00	\$200.00
7	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
8	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR PER GBI PARTNERS, L.P., 281.499.4539, FOR WATER, SANITARY SEWER, DRAINAGE, AND PAVING, COMPLETE IN PLACE	LS	1	\$5,000.00	\$5,000.00
9	AS-BUILT FINAL GRADING SURVEY BY THE CONTRACTOR, INCLUDING TOP OF CURB, INLET THROAT ELEVATIONS, MANHOLE RIM ELEVATIONS, GRADEBREAKS, SWALES, FILL AREAS, ETC., PER GBI PARTNERS, LP, 281.499.4539, COMPLETE IN PLACE	LS	1	\$1,500.00	\$1,500.00
10	CITY OF FULSHEAR INSPECTION FEE (0.75% OF TOTAL CONSTRUCTION COST), COMPLETE IN PLACE	LS	1	\$1,900.00	\$1,900.00
11	ALLOWANCE FOR FORT BEND COUNTY PERMIT FOR WORK INSIDE RIGHT OF WAY, AS NECESSARY, COMPLETE IN PLACE	LS	1	\$1,500.00	\$1,500.00
12	DUCTILE IRON WATER LINE FITTINGS, COMPLETE IN PLACE	TON	0.45	\$2,900.00	\$1,305.00
WATER SYSTEM ITEMS SUBTOTAL:					\$31,519.00
SANITARY SEWER ITEMS					
1	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, CLASS 160, 0-12' DEPTH, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	350	\$30.00	\$10,500.00
2	STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, (0' - 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	2	\$2,300.00	\$4,600.00
3	EXTRA DEPTH OF SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	3.26	\$140.00	\$456.40
4	FINAL ADJUSTMENTS TO SANITARY MANHOLES, INCLUDING EXISTING MANHOLES, COMPLETE IN PLACE	EA	3	\$100.00	\$300.00
5	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2441, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, DROP, MARKER AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	4	\$900.00	\$3,600.00

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 TO SERVE TAMARRON SECTION 28
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 182
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
 NOVEMBER 4, 2020
 LJA ENGINEERING, INC.
 D. FORREST
 NOVEMBER 4, 2020
 1931-8028 (9.2)

1) R CONSTRUCTION CIVIL					
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
6	"LONG SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL TO WITHIN 1 FOOT OF SUBGRADE, RISER WYE, PLUG, DROP, MARKER AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	722	\$33.00	\$23,826.00
7	DEWATERING PER LF OF PIPE (NO SEPARATE PAY FOR DOUBLE ROW IF NEEDED), (ALL DEPTHS, THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	350	\$20.00	\$7,000.00
8	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	350	\$3.00	\$1,050.00
9	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1072	\$1.00	\$1,072.00
10	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED SANITARY SEWER, INCLUDES ALL NECESSARY FITTINGS AND APPURTENANCES, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00
SANITARY SEWER ITEMS SUBTOTAL:					\$53,404.40
DRAINAGE FACILITIES ITEMS					
1	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, INCLUDES BEDDING AND CEMENT STABILIZED SAND BACKFILL TO WITHIN 1 FOOT OF SUBGRADE, COMPLETE IN PLACE	LF	86	\$74.00	\$6,364.00
2	STAGE I – STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	2	\$1,300.00	\$2,600.00
3	STAGE II – STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	2	\$1,800.00	\$3,600.00
4	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,200.00	\$2,200.00
5	FINAL ADJUSTMENT OF EXISTING AND PROPOSED MANHOLE AND JUNCTION BOX RIM AND INLET THROAT AND OPENING ELEVATIONS, COMPLETE IN PLACE	EA	1	\$200.00	\$200.00
6	CONVERT EXISTING TYPE "E" INLET TOP TO TYPE "C" MANHOLE TOP, INCLUDES FINAL RIM ELEVATION ADJUSTMENTS AS NECESSARY, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	1	\$1,600.00	\$1,600.00
7	BREAK INTO EXISTING STORM SEWER MANHOLE OR JUNCTION BOX AND CONNECT PROPOSED STORM SEWER PIPE, ALL SIZES, ALL DEPTHS, INCLUDING ALL SEALS AND APPURTENANCES NECESSARY, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00
8	BACK OF LOT DRAINAGE SWALE, V-BOTTOM, GRADED TO DRAIN, INCLUDING HYDROMULCH AND WATERING, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	640	\$4.00	\$2,560.00
9	MISCELLANEOUS DRAINAGE SWALES, 3:1 SS, V-BOTTOM, GRADED TO DRAIN, INCLUDING HYDROMULCH AND WATERING, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	200	\$2.00	\$400.00
10	SILT FENCE INLET PROTECTION BARRIERS, FOR PROPOSED AND EXISTING INLETS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	9	\$50.00	\$450.00
11	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING CONTRACTOR BOOKLET, NOI AND NOT, COMPLETE IN PLACE	LS	1	\$1,200.00	\$1,200.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES, AND PAVING & APPURTENANCES
 TO SERVE TAMARRON SECTION 2B
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 182
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS
 NOVEMBER 4, 2020
 LJA ENGINEERING, INC.
 D. FORREST
 NOVEMBER 4, 2020
 1931-6028 (9.2)

1) R CONSTRUCTION CIVIL					
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
12	UTILITY SPOILS TO BE PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY ON SITE, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	547	\$5.00	\$2,735.00
13	INSTALL AND MAINTAIN SOD WITH 6" GALVANIZED SOD STAPLES PLACED EVERY 3', INCLUDES REMOVAL OF STAPLES AT DIRECTION OF THE ENGINEER, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	100	\$5.00	\$500.00
14	REMOVE AND DISPOSE OF EXISTING TYPE III BARRICADE, ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	1	\$100.00	\$100.00
15	DEMUCK AND SCARIFY EXISTING DRAINAGE SWALES FOR FILL, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	LF	550	\$2.00	\$1,100.00
16	INSTALLATION, MAINTENANCE, AND REMOVAL OF REINFORCED FILTER FABRIC FENCE, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1854	\$1.60	\$2,966.40
17	INSTALLATION AND REMOVAL UPON COMPLETION OF CONCRETE WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00
18	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	86	\$1.00	\$86.00
DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$29,661.40
PAVING AND APPURTENANCES ITEMS					
1	6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	1850	\$47.00	\$86,950.00
2	4"x12" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	980	\$3.70	\$3,626.00
3	6" LIME/FLY ASH STABILIZED SUBGRADE MANIPULATION, INCLUDES COMPACTION TO 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	SY	2076	\$3.60	\$7,473.60
4	3% LIME BY WEIGHT, 14LB/SY FOR SUBGRADE, QUANTITY TO BE PAID ONLY FOR FIELD LAB RECOMMENDED QUANTITY, COMPLETE IN PLACE	TON	14.6	\$200.00	\$2,920.00
5	7% FLY ASH BY WEIGHT, 32LB/SY FOR SUBGRADE, QUANTITY TO BE PAID ONLY FOR FIELD LAB RECOMMENDED QUANTITY, COMPLETE IN PLACE	TON	33.3	\$100.00	\$3,330.00
6	ON-SITE DIRT EXCAVATION AND MANIPULATION TO BE HAULED, STRIPPED, PLACED, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY ON SITE, AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	CY	3576	\$3.00	\$10,728.00
7	FINAL LOT GRADING, INCLUDING STRIPPING AND PROOFROLLING, HAULING, PLACEMENT AND COMPACTION OF MATERIALS AND REPLACEMENT OF STRIPPINGS, COMPLETE IN PLACE	EA	21	\$212.00	\$4,452.00
8	LIGHT CLEARING AND GRUBBING OF LOTS, TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	AC	3	\$270.00	\$810.00
9	LIGHT CLEARING AND GRUBBING OF R.O.W., TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	AC	0.7	\$600.00	\$420.00
10	LIGHT CLEARING AND GRUBBING OF PUBLIC UTILITY EASEMENTS & RESERVES, TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	AC	0.7	\$600.00	\$420.00
11	LIGHT CLEARING AND GRUBBING OF BACK-LOT UTILITY EASEMENTS, TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	AC	0.5	\$300.00	\$150.00

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ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
12	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	\$4,100.00	\$4,100.00
13	4" SQUARE DOUBLE REFLECTORIZED BLUE TRAFFIC BUTTONS FOR FIRE HYDRANT LOCATION, COMPLETE IN PLACE	EA	1	\$20.00	\$20.00
14	24" SOD STRIPING ALONG BACK OF CURB, COMPLETE IN PLACE	LF	980	\$0.50	\$490.00
15	INSTALLATION, MAINTENANCE, AND REMOVAL OF REINFORCED FILTER FABRIC FENCE, 2 FEET OFF OF B.O.C., (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	980	\$1.60	\$1,568.00
16	REMOVE AND REPLACE EXISTING 6" CONCRETE PAVEMENT WITH 6" LIME/FLY ASH SUBGRADE AT PROJECT ENTRANCE, INCLUDES 6" CURB, AND ALL APPURTENANCES, AS NECESSARY, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	66	\$90.00	\$5,940.00
17	REMOVE AND REPLACE EXISTING 5' REINFORCED CONCRETE SIDEWALK, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	15	\$170.00	\$2,550.00
18	REINSPECTION FEE, PER FORT BEND COUNTY REQUIREMENTS, AS NEEDED, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00
19	REINSPECTION FEE DUE TO EXCEEDING 60-DAY TIME PERIOD, PER FORT BEND COUNTY REQUIREMENTS, AS NEEDED, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00
PAVING AND APPURTENANCES ITEMS SUBTOTAL:					\$137,447.60
<u>BIDDING SUMMARY</u>					
SUBTOTAL WATER SYSTEM ITEMS					\$31,519.00
SUBTOTAL SANITARY SEWER ITEMS					\$53,404.40
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$29,661.40
SUBTOTAL PAVING AND APPURTENANCES ITEMS					\$137,447.60
TOTAL AMOUNT BASE BID					\$252,032.40