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
TO SERVE SOUTHERN COLONY SECTION 4C
FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 131
CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS
DECEMBER 19, 2018
LJA ENGINEERING, INC.
P.CHATTERJEE
DECEMBER 19, 2018
1751-8004C (9.2)

BIDDER'S NAME

1) DIMAS BROS. CONSTRUCTION

2) CROSTEX CONSTRUCTION, INC.

3) BLAZEY CONSTRUCTION SERVICES, LLC

4) PRINCIPAL SERVICES, LTD.

5) BAY UTILITIES, LLC

TOTAL BID AMOUNT

\$1,608,150.00

\$1,720,000.00

\$1,727,596.46

\$1,757,296.07

\$2,165,776.40

CALENDAR DAYS - 70/80

I, Michael S. Rusk, P.E., hereby certify these bid tabulations to be true and correct.

MICHAEL S. RUSK

89457

CENSED

SS/ONAL EN TUSK

12/20/18

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES TO SERVE SOUTHERN COLONY SECTION 4C FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 131 CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS DECEMBER 19, 2018 LJA ENGINEERING, INC.

DECEMBER 19, 2018
LJA ENGINEERING, INC.
P.CHATTERJEE
DECEMBER 19, 2018
1751-8004C (9.2)

			1) DIMAS BROS. C	ONSTRUCTION	2) CROSTEX CONS	TRUCTION, INC.	3) BLAZEY CONSTRUCTION SERVICES, LLC		
ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
WATER SYSTEM ITEMS									
 4" P.V.C. WATER PIPE, C-900, DR 18, CLASS 150, ALL DEPTHS, COMPLETE IN PLACE 	LF	746	\$14.95	\$11,152.70	\$12.00	\$8,952.00	\$13.00	\$9,698.00	
2. 6° P.V.C. WATER PIPE, C-900, DR 18, CLASS 150, ALL DEPTHS, COMPLETE IN PLACE	LF	924	\$17.05	\$15,754.20	\$14.25	\$13,167.00	\$17.00	\$15,708.00	
3. 8° P.V.C. WATER PIPE, C-900, DR 18, CLASS 150, ALL DEPTHS, COMPLETE IN PLACE	LF	3551	\$20.05	\$71,197.55	\$17.50	\$62,142.50	\$20.00	\$71,020.00	
4. 12° P.V.C. WATER PIPE, C-900, DR 18, CLASS 150, ALL DEPTHS, COMPLETE IN PLACE	LF	799	\$25.75	\$20,574.25	\$30.50	\$24,369.50	\$32.00	\$25,568.00	
 FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6° VALVE & BOX, 6° LEAD AND FIRE HYDRANT, COMPLETE IN PLACE 	EA	12	\$4,135.00	\$49,620.00	\$4,525.00	\$54,300.00	\$4,250.00	\$51,000.00	
6. 4" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	4	\$505.00	\$2,020.00	\$580.00	\$2,320.00	\$580.00	\$2,320.00	
7. 6" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	4	\$600.00	\$2,400.00	\$725.00	\$2,900.00	\$715.00	\$2,860.00	
8. 8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	9	\$900.00	\$8,100.00	\$1,100.00	\$9,900.00	\$1,069.00	\$9,621.00	
9. 12" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	1	\$1,900.00	\$1,900.00	\$2,100.00	\$2,100.00	\$2,045.00	\$2,045.00	
 10. 12" PLUG & CLAMP AND 2" BLOW-OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE 	EA	1	\$800.00	\$800.00	\$350.00	\$350.00	\$600.00	\$600.00	
11. CAST IRON WATERLINE FITTINGS, COMPLETE IN PLACE	TON	2.72	\$1.00	\$2.72	\$3,500.00	\$9,520.00	\$3,650.00	\$9,928.00	
12. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	5,925	\$0.20	\$1,185.00	\$0.05	\$296.25	\$0.30	\$1,777.50	
 REMOVE AND DISPOSE EXISTING PLUG & CLAMP AND CONNECT PROPOSED WATER LINE, (ALL SIZES), INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, COMPLETE IN PLACE 	EA	4	\$350.00	\$1,400.00	\$200.00	\$800.00	\$600.00	\$2,400.00	
14. 8° PVC WATER PIPE, C-900, DR 18, CLASS 150, RESTRAINED JOINT SECTION, INCLUDING FITTINGS, JOINTS AND VERTICAL ASSEMBLY, COMPLETE IN PLACE	LF	49	\$54.25	\$2,658.25	\$40.00	\$1,960.00	\$37.00	\$1,813.00	
15. 12" PVC WATER PIPE, C-900, DR 18, CLASS 150, RESTRAINED JOINT SECTION, INCLUDING FITTINGS, JOINTS AND VERTICAL ASSEMBLY, COMPLETE IN PLACE	LF	46	\$94.50	\$4,347.00	\$70.00	\$3,220.00	\$65.00	\$2,990.00	
SUBTOTAL WATER SYSTEM ITEMS				\$193,111.67		\$196,297.25		\$209,348.50	
SANITARY SEWER ITEMS									
1. 8" PVC SEWER PIPE, ASTM D 2241, SDR 26, 0" - 8" DEPTH, COMPLETE IN PLACE	LF	369	\$28.00	\$10,332.00	\$22.00	\$8,118.00	\$28.00	\$10,332.00	
2. 8" PVC SEWER PIPE, ASTM D 2241, SDR 26, 8"-12" DEPTH, COMPLETE IN PLACE	LF	732	\$28.00	\$20,496.00	\$24.75	\$18,117.00	\$30.00	\$21,960.00	
3. 8" PVC SEWER PIPE, ASTM D 2241, SDR 26, 12'-16' DEPTH, COMPLETE IN PLACE	LF	2712	\$30.00	\$81,360.00	\$26.00	\$70,512.00	\$33.00	\$89,496.00	
4. 8" PVC SEWER PIPE, ASTM D 2241, SDR 26, 16'-20' DEPTH, COMPLETE IN PLACE	LF	661	\$44.00	\$29,084.00	\$35.00	\$23,135.00	\$34.00	\$22,474.00	
 STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, (0' - 8' DEPTH), COMPLETE IN PLACE 	EA	25	\$5,655.00	\$141,375.00	\$2,900.00	\$72,500.00	\$3,465.00	\$86,625.00	
6. FINAL ADJUSTMENTS TO SANITARY MANHOLES, COMPLETE IN PLACE	EA	25	\$85.00	\$2,125.00	\$125.00	\$3,125.00	\$5.55	\$138.75	
7. EXTRA DEPTH OF SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	92.41	\$184,00	\$17,003.44	\$290.00	\$26,798.90	\$235.00	\$21,716.35	
 SHORT SIDE DOUBLE OR SINGLE 6° PVC PIPE SERVICE LEADS, ASTM D-2441, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED BACKFILL, RISER, WYE, PLUG MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE 	EA	48	\$584.00	\$28,032.00	\$800.00	\$38,400.00	\$600.00	\$28,800.00	
 LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED BACKFILL, RISER WYE, PLUG, MARKER AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE 	LF	2003	\$34.00	\$68,102.00	\$29.75	\$59,589.25	\$43.00	\$86,129.00	

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES TO SERVE SOUTHERN COLONY SECTION 4C FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 131 CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS DEFENDED 10, 2016 , INC.

OILL OF VEALANDER
DECEMBER 19, 2018
WA ENGINEERING,
P.CHATTERJEE
DECEMBER 19, 2018
1751-8004C (9.2)

			1751-00040 (3.2)					
ITEM DESCRIPTION			1) DIMAS BROS. Co		2) CROSTEX CONS	TRUCTION, INC.	3) BLAZEY CONSTRUC	TION SERVICES, LLC
10. DEWATERING PER LF OF PIPE (NO SEPARATE PAY FOR DOUBLE ROW IF	UNIT LF	QTY 4474	UNIT COST \$25.00	TOTAL COST \$111.850.00	UNIT COST \$25.00	TOTAL COST \$111,850.00	UNIT COST \$25.00	TOTAL COST \$111,850.00
NEEDED), (ALL DEPTHS, THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE				***************************************	420.00	\$111,030.00	\$23.00	\$1:1,050.00
 T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE 	LF	4474	\$0.10	\$447.40	\$4.00	\$17,896.00	\$2.00	\$8,948.00
12. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	6,477	\$0.20	\$1,295.40	\$0.10	\$647.70	\$0.30	\$1,943.10
 ADDITIONAL COST FOR MODIFIED *A-A* SANITARY BEDDING (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE 	LF	750	\$20.00	\$15,000.00	\$20.00	\$15,000.00	\$20.00	\$15,000.00
 STANDARD SANITARY SEWER DROP STRUCTURE ON MANHOLE, (0' - 2' DEPTH). COMPLETE IN PLACE 	EA	4	\$475.00	\$1,900.00	\$400.00	\$1,600.00	\$510.00	\$2,040.00
 EXTRA DEPTH STANDARD SANITARY SEWER DROP STRUCTURE ON MANHOLE, (OVER 2' OF DEPTH), COMPLETE IN PLACE 	VF	15.91	\$1.00	\$15.91	\$40.00	\$636.40	\$16.00	\$254.56
16. CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 8* SANITARY SEWER LINE, INCLUDING ALL SEALS AND APPURTENANCES NECESSARY, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$1,750.00	\$1,750.00	\$2,530.00	\$2,530.00
17. REMOVE 8" SANITARY SEWER PLUG AND CONNECT PROPOSED 8" SANITARY SEWER TO EXISTING 8" SANITARY SEWER SYSTEM, COMPLETE IN PLACE	EA	2	\$8.00	\$16.00	\$150.00	\$300.00	\$755.00	\$1,510.00
SUBTOTAL SANITARY SEWER SYSTEM ITEMS				\$529,434.15		\$469,975.25		\$511,746.76
DRAINAGE FACILITIES ITEMS								
 24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE 	LF	3510	\$54.50	\$191,295.00	\$57,00	\$200,070.00	\$53.00	\$186,030.00
30° R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	148	\$70.00	\$10,360.00	\$72.50	\$10,730.00	\$67,00	\$9,916.00
 3. 36° R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE 	LF	97	\$98.00	\$9,506.00	\$99.25	\$9,627.25	\$91.00	\$8,827.00
 42" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE 	LF	911	\$128.00	\$116,608.00	\$127.50	\$116,152.50	\$120.00	\$109,320.00
 48° R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE 	LF	491	\$148.00	\$72,668.00	\$153.75	\$75,491.25	\$149,00	\$73,159.00
 60° R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE 	LF	261	\$238.00	\$62,118.00	\$234.25	\$61,139.25	\$230.00	\$60,030.00
 7' X 5' R.C.B. STORM SEWER BOX CULVERT, ASTM C-1433, ALL DEPTHS, COMPLETE IN PLACE 	LF	248	\$398.00	\$98,704.00	\$517.00	\$128,216.00	\$458.00	\$113,584.00
 STAGE I - STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE 	EA	41	\$780.00	\$31,980.00	\$1,800.00	\$73,800.00	\$1,248.00	\$51,168.00
 STAGE II - STANDARD 5' PRECAST INLET ('H-2'), (INCLUDES TEMPORARY SAND- FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE 	EA	41	\$1,145.00	\$46,945.00	\$500.00	\$20,500.00	\$1,503.00	\$61,623.00
 STAGE I - STANDARD 15' PRECAST INLET ("C-1") ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE 	EA	2	\$1,045.00	\$2,090.00	\$3,000.00	\$6,000.00	\$3,523,00	\$7,046.00
 STAGE II - STANDARD 15' PRECAST INLET ("C-1") ALL DEPTHS, (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE 	EA	2	\$1,530.00	\$3,060.00	\$1,500.00	\$3,000.00	\$3,256.00	\$6,512.00
 TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE 	EA	28	\$2,600.00	\$72,800.00	\$2,300.00	\$64,400.00	\$2,724.00	\$76,272.00

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES TO SERVE SOUTHERN COLONY SECTION 4C FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 131 CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS DECEMBER 19, 2018

LJA ENGINEERING, INC.
P.CHATTERJEE

DECEMBER 19, 2018

1751-8004C (9.2)

			1) 00040 (0.2)	ONOTRIGOTION				
ITEM DESCRIPTION	UNIT	QTY	DIMAS BROS. CO UNIT COST		2) CROSTEX CONS	,	3) BLAZEY CONSTRUC	
13. TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$4,888.00	TOTAL COST \$29,328.00	UNIT COST \$4,200.00	TOTAL COST \$25,200.00	UNIT COST \$5,038.00	TOTAL COST \$30,228.00
14. TYPE 'E' INLET, ALL SIDES OPEN, COMPLETE IN PLACE	EA	1	\$2,500.00	\$2,500.00	\$4,000.00	\$4,000.00	\$2,397.00	\$2,397.00
15. JUNCTION BOX WITH TYPE "C" MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$9,888.00	\$39,552.00	\$6,000.00	\$24,000.00	\$9,765.00	\$39,060.00
16. FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	38	\$85.00	\$3,230.00	\$100.00	\$3,800.00	\$5.55	\$210.90
 DRAINAGE SWALE, V-BOTTOM, GRADED TO DRAIN PER GRADING PLAN, COMPLETE IN PLACE 	LF	1328	\$1.90	\$2,523.20	\$2.50	\$3,320.00	\$1.80	\$2,390.40
 OVERFLOW SWALE, FLAT BOTTOM, GRADED TO DRAIN, INCLUDE SOD FOR EROSION CONTROL, COMPLETE IN PLACE 	LF	130	\$4.00	\$520.00	\$6.00	\$780.00	\$4.00	\$520.00
19. DEMUCK, SCARIFY AND FILL EXISTING DRAINAGE SWALE, COMPLETE IN PLACE	LF	248	\$3.00	\$744.00	\$10.00	\$2,480.00	\$3.00	\$744.00
20. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	5666	\$0.20	\$1,133.20	\$0.05	\$283.30	\$0.30	\$1,699.80
21. OUTFALL STRUCTURE FOR 7' X 5' R.C.B., PER DETAIL, INCLUDES 4" CONCRETE SLOPE PAVING WITH 2" TOE ALL AROUND, AND ALL OTHER APPURTENANCES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$10,000.00	\$10,000.00	\$30,000.00	\$30,000.00	\$8,500.00	\$8,500.00
22. 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	1,000	\$25.00	\$25,000.00	\$25.00	\$25,000.00	\$25.00	\$25,000.00
23. ADDITIONAL COST FOR MODIFIED "A-A" STORM SEWER (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	750	\$20.00	\$15,000.00	\$20.00	\$15,000.00	\$20.00	\$15,000.00
SUBTOTAL DRAINAGE FACILITIES ITEMS				\$847,664.40 °		\$902,989.55		\$889,237.10
MISCELLANEOUS ITEMS								
 METHOD "A" CONSTRUCTION STAKING AS PER CONTRACTOR, COMPLETE IN PLACE 	LS	1	\$19,000.00	\$19,000.00	\$36,692.35	\$36,692.35	\$21,525.00	\$21,525.00
INSTALLATION, MAINTENANCE & REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$1,500.00	\$1,500.00	\$2,220.00	\$2,220.00
CEMENT STABILIZED SAND (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	250	\$12.00	\$3,000.00	\$12.00	\$3,000.00	\$15.00	\$3,750.00
 WATER, SANITARY SEWER, AND STORM SEWER UTILITY SPOIL TO BE USED AS LOT FILL PER THE GRADING PLAN, INCLUDES EXCAVATION, HAULING, PLACING, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE 	CY	8500	\$1.10	\$9,350.00	\$2.00	\$17,000.00	\$1.80	\$15,300.00
 SILT FENCE INLET PROTECTION BARRIERS, SWMHCA SPECIFICATION NO.4511, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE 	EA	49	\$1.00	\$49.00	\$50.00	\$2,450.00	\$90.00	\$4,410.00
 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 	ĹF	5009	\$0.10	\$500.90	\$1.40	\$7,012.60	\$1.40	\$7,012.60
 STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING CONTRACTOR BOOKLET, NOI AND NOT, COMPLETE IN PLACE 	LS	1	\$931.88	\$931.88	\$750.00	\$750.00	\$415.00	\$415.00
8. INSTALLATION AND REMOVAL UPON COMPLETION OF CONCRETE WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$300.00	\$300.00	\$500.00	\$500.00	\$560.00	\$560.00
REMOVE AND DISPOSE OF EXISTING GRAVEL TURNAROUND, COMPLETE IN PLACE	SY	758	\$1.00	\$758.00	\$13.50	\$10,233.00	\$10.50	\$7,959.00
PLACE 10. CLEARING, GRUBBING, AND HAULING OFFSITE OF CLEARED MATERIAL, FOR PUBLIC UTILITY EASEMENTS (TO BE DONE ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1.4	\$100,00	\$140.00	\$2,000.00	\$2,800.00	\$1,665.00	\$2,331.00

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 TO SERVE SOUTHERN COLONY SECTION 4C FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 131 CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS DECEMBER 19, 2018 LJA ENGINEERING, INC. P.CHATTERJEE **DECEMBER 19, 2018** 1751-8004C (9.2)

ITEM DECODIDATION			1) DIMAS BROS. Co	ONSTRUCTION	2) CROSTEX CONST	TRUCTION, INC.	3) BLAZEY CONSTRUCTION SERVICES, LLC		
ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
 CLEARING, GRUBBING, AND HAULING OFFSITE OF CLEARED MATERIAL FOR BACK OF LOTS AND PRIVATE UTILITY EASEMENTS (TO BE DONE ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE 	AC	2.1	\$100.00	\$210.00	\$6,000.00	\$12,600.00	\$1,665.00	\$3,496.50	
 CLEARING, GRUBBING, AND HAULING OFFSITE OF CLEARED MATERIAL FOR RIGHT OF WAY (TO BE USED ONLY UNDER THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE 	AC	6.5	\$100.00	\$650.00	\$2,000.00	\$13,000.00	\$1,665.00	\$10,822.50	
 CLEARING, GRUBBING AND HAULING OFFSITE OF CLEARED MATERIAL FOR RESERVES (TO BE USED ONLY UNDER THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE 	AC	3.6	\$100.00	\$360.00	\$1,500.00	\$5,400.00	\$1,665.00	\$5,994.00	
14. CLEARING, GRUBBING AND HAULING OFFSITE OF CLEARED MATERIAL FOR LOTS (TO BE USED ONLY UNDER THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	18.9	\$100.00	\$1,890.00	\$2,000.00	\$37,800.00	\$1,665.00	\$31,468.50	
SUBTOTAL MISCELLANEOUS ITEMS				\$37,939.78		\$150,737.95		\$117,264.10	
BID SUMMARY									
SUBTOTAL WATER SYSTEM ITEMS				\$193,111.67		\$196,297,25		****	
SUBTOTAL SANITARY SEWER SYSTEM ITEMS				\$529,434.15				\$209,348.50	
SUBTOTAL DRAINAGE FACILITIES ITEMS						\$469,975.25		\$511,746.76	
SUBTOTAL MISCELLANEOUS ITEMS				\$847,664.40		\$902,989.55		\$889,237.10	
				\$37,939.78		\$150,737.95		\$117,264.10	
TOTAL AMOUNT BID				\$1,608,150.00 *		\$1,720,000.00		\$1,727,596.46	

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES TO SERVE SOUTHERN COLONY SECTION 4C FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 131 CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS DECEMBER 19, 2018 LJA ENGINEERING, INC. P.CHATTERJEE

DECEMBER 19, 2018 1751-8004C (9.2)

			1731-00040 (9.2)			
TEN PERCENTION			4) PRINCIPAL SEI		5) BAY UTILI	
ITEM DESCRIPTION WATER SYSTEM ITEMS	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1. 4* P.V.C. WATER PIPE, C-900, DR 18, CLASS 150, ALL DEPTHS, COMPLETE IN	LF	746	\$13.00	\$9,698.00	\$16.00	\$11,936.00
PLACE 2. 6* P.V.C. WATER PIPE, C-900, DR 18, CLASS 150, ALL DEPTHS, COMPLETE IN	LF	924				
PLACE 3. 8° P.V.C. WATER PIPE, C-900, DR 18, CLASS 150, ALL DEPTHS, COMPLETE IN			\$16.00	\$14,784.00	\$19.00	\$17,556.00
PLACE	LF	3551	\$19.00	\$67,469.00	\$22.00	\$78,122.00
 12" P.V.C. WATER PIPE, C-900, DR 18, CLASS 150, ALL DEPTHS, COMPLETE IN PLACE 	LF	799	\$28.00	\$22,372.00	\$33.00	\$26,367.00
FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" VALVE & BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	12	\$4,400.00	\$52,800.00	\$5,000.00	\$60,000.00
6. 4" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	4	\$600.00	\$2,400.00	\$600.00	\$2,400.00
7. 6" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	4	\$700.00	\$2,800.00	\$775.00	\$3,100.00
8. 8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	9	\$1,000.00	\$9,000.00	\$1,150.00	\$10,350.00
9. 12" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00	\$2,100.00	\$2,100.00
10. 12" PLUG & CLAMP AND 2" BLOW-OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	1	\$550.00	\$550.00	\$1,200.00	\$1,200.00
11. CAST IRON WATERLINE FITTINGS, COMPLETE IN PLACE	TON	2.72	\$3,200.00	\$8,704.00	\$2,500.00	\$6,800.00
12. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	5,925	\$0.10	\$592.50	\$1.00	\$5,925.00
 REMOVE AND DISPOSE EXISTING PLUG & CLAMP AND CONNECT PROPOSED WATER LINE, (ALL SIZES), INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, COMPLETE IN PLACE 	EA	4	\$300.00	\$1,200.00	\$750.00	\$3,000.00
14. 8' PVC WATER PIPE, C-900, DR 18, CLASS 150, RESTRAINED JOINT SECTION, INCLUDING FITTINGS, JOINTS AND VERTICAL ASSEMBLY, COMPLETE IN PLACE	LF	49	\$56.00	\$2,744.00	\$70.00	\$3,430.00
15. 12" PVC WATER PIPE, C-900, DR 18, CLASS 150, RESTRAINED JOINT SECTION, INCLUDING FITTINGS, JOINTS AND VERTICAL ASSEMBLY, COMPLETE IN PLACE	LF	46	\$81.00	\$3,726.00	\$120.00	\$5,520.00
SUBTOTAL WATER SYSTEM ITEMS				\$200,839.50		\$237,806.00
SANITARY SEWER ITEMS						
1. 8" PVC SEWER PIPE, ASTM D 2241, SDR 26, 0" - 8" DEPTH, COMPLETE IN PLACE	LF	369	\$24.00	\$8,856.00	\$25.00	\$9,225.00
2. 8" PVC SEWER PIPE, ASTM D 2241, SDR 26, 8'-12' DEPTH, COMPLETE IN PLACE	LF	732	\$25.00	\$18,300.00	\$30.00	\$21,960.00
3. 8" PVC SEWER PIPE, ASTM D 2241, SDR 26, 12'-16' DEPTH, COMPLETE IN PLACE	LF	2712	\$34.00	\$92,208.00	\$40.00	\$108,480.00
4. 8" PVC SEWER PIPE, ASTM D 2241, SDR 26, 16'-20' DEPTH, COMPLETE IN PLACE	LF	661	\$43.00	\$28,423.00	\$65.00	\$42,965.00
 STANDARD SANITARY SEWER MANHOLE FOR 6* - 24* SANITARY SEWER PIPES, (0' - 8' DEPTH), COMPLETE IN PLACE 	EA	25	\$2,400.00	\$60,000.00	\$4,200.00	\$105,000.00
6. FINAL ADJUSTMENTS TO SANITARY MANHOLES, COMPLETE IN PLACE	EA	25	\$1.00	\$25.00	\$1.00	\$25.00
7. EXTRA DEPTH OF SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	92,41	\$188.00	\$17,373.08	\$285.00	\$26,336.85
 SHORT SIDE DOUBLE OR SINGLE 6' PVC PIPE SERVICE LEADS, ASTM D-2441, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED BACKFILL, RISER, WYE, PLUG MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE 	EA	48	\$850.00	\$40,800.00	\$1,050.00	\$50,400.00
 LONG SIDE DOUBLE OR SINGLE 6' PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED BACKFILL, RISER WYE, PLUG, MARKER AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE 	LF	2003	\$43.00	\$86,129.00	\$40.00	\$80,120.00

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES TO SERVE SOUTHERN COLONY SECTION 4C FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 131 CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS **DECEMBER 19, 2018** LJA ENGINEERING, INC. P.CHATTERJEE DECEMBER 19, 2018 1751-8004C (9.2)

			4) PRINCIPAL SE	RVICES, LTD.	5) BAY UTILI	TIES, LLC
ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
10. 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	4474	\$25.00	\$111,850.00	\$25.00	\$111,850.00
11. T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	4474	\$2.50	\$11,185.00	\$3.00	\$13,422.00
12. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	6,477	\$0.10	\$647.70	\$1.00	\$6,477.00
13. ADDITIONAL COST FOR MODIFIED "A-A" SANITARY BEDDING (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	750	\$20.00	\$15,000.00	\$20.00	\$15,000.00
 STANDARD SANITARY SEWER DROP STRUCTURE ON MANHOLE, (0' - 2' DEPTH). COMPLETE IN PLACE 	EA	4	\$500.00	\$2,000.00	\$875.00	\$3,500.00
15. EXTRA DEPTH STANDARD SANITARY SEWER DROP STRUCTURE ON MANHOLE, (OVER 2' OF DEPTH), COMPLETE IN PLACE	VF	15.91	\$34.00	\$540.94	\$40.00	\$636.40
16. CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 8° SANITARY SEWER LINE, INCLUDING ALL SEALS AND APPURTENANCES NECESSARY, COMPLETE IN PLACE	EA	1	\$1,200.00	\$1,200.00	\$1,500.00	\$1,500.00
17. REMOVE 8" SANITARY SEWER PLUG AND CONNECT PROPOSED 8" SANITARY SEWER TO EXISTING 8" SANITARY SEWER SYSTEM, COMPLETE IN PLACE	EA	2	\$200.00	\$400.00	\$450.00	\$900.00
SUBTOTAL SANITARY SEWER SYSTEM ITEMS				\$494,937.72		\$597,797.25
DRAINAGE FACILITIES ITEMS						3331,137123
1. 24* R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	3510	\$55.00	\$193,050.00	\$65.00	\$228,150.00
30° R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	148	\$73.00	\$10,804.00	\$82.00	\$12,136.00
 3. 36° R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE 	LF	97	\$106.00	\$10,282.00	\$120.00	\$11,640.00
 42° R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE 	LF	911	\$131.00	\$119,341.00	\$152.00	\$138,472.00
 48' R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE 	LF	491	\$157.00	\$77,087.00	\$182.00	\$89,362.00
60° R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	261	\$236.00	\$61,596.00	\$275.00	\$71,775.00
 7' X 5' R.C.B. STORM SEWER BOX CULVERT, ASTM C-1433, ALL DEPTHS, COMPLETE IN PLACE 	LF	248	\$461.00	\$114,328.00	\$463.00	\$114,824.00
 STAGE I - STANDARD 5' PRECAST INLET ('H-2') ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE 	EA	41	\$1,400.00	\$57,400.00	\$1,200.00	\$49,200.00
 STAGE II - STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND - FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE 	EA	41	\$1,500.00	\$61,500.00	\$1,800.00	\$73,800.00
 STAGE I - STANDARD 15' PRECAST INLET ("C-1") ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE 	EA	2	\$2,900.00	\$5,800.00	\$2,800.00	\$5,600.00
 STAGE II - STANDARD 15' PRECAST INLET ("C-1") ALL DEPTHS, (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE 	EA	2	\$1,900.00	\$3,800.00	\$4,200.00	\$8,400.00
 TYPE 'C' MANHOLE FOR 42' STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE 	EA	28	\$2,500.00	\$70,000.00	\$3,100.00	\$86,800.00

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE FACILITIES TO SERVE SOUTHERN COLONY SECTION 4C
FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 131
CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS
DECEMBER 19, 2018
LIA ENGINEERING, INC.
P.CHATTERJEE
DECEMBER 19, 2018
1751-8004C (9.2)

				110.00010 (0.2)			
17	EM DESCRIPTION			4) PRINCIPAL SEI	RVICES, LTD.	5) BAY UTILI	TIES, LLC
- "		UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
	 TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, COMPLETE IN PLACE 	EA	6	\$4,800.00	\$28,800.00	\$5,400.00	\$32,400.00
	14. TYPE "E" INLET, ALL SIDES OPEN, COMPLETE IN PLACE	EA	1	\$2,900.00	\$2,900.00	\$3,300.00	\$3,300.00
	15. JUNCTION BOX WITH TYPE "C" MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$6,900.00	\$27,600.00	\$10,000.00	\$40,000.00
	16. FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	38	\$1.00	\$38.00	\$1.00	\$38.00
	 DRAINAGE SWALE, V-BOTTOM, GRADED TO DRAIN PER GRADING PLAN, COMPLETE IN PLACE 	LF	1328	\$8.00	\$10,624.00	\$3.50	\$4,648.00
	 OVERFLOW SWALE, FLAT BOTTOM, GRADED TO DRAIN, INCLUDE SOD FOR EROSION CONTROL, COMPLETE IN PLACE 	LF	130	\$13.00	\$1,690.00	\$15.00	\$1,950.00
	19. DEMUCK, SCARIFY AND FILL EXISTING DRAINAGE SWALE, COMPLETE IN PLACE	LF	248	\$14.00	\$3,472.00	\$15.00	\$3,720.00
	20. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	5666	\$0.10	\$566.60	\$1.00	\$5,666.00
	 OUTFALL STRUCTURE FOR 7' X 5' R.C.B., PER DETAIL, INCLUDES 4' CONCRETE SLOPE PAVING WITH 2' TOE ALL AROUND, AND ALL OTHER APPURTENANCES, ALL DEPTHS, COMPLETE IN PLACE 	EA	1	\$9,900.00	\$9,900.00	\$25,000.00	\$25,000.00
	22. 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	1,000	\$25.00	\$25,000.00	\$25.00	\$25,000.00
	23. ADDITIONAL COST FOR MODIFIED "A-A" STORM SEWER (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	750	\$20.00	\$15,000.00	\$20.00	\$15,000.00
St	BTOTAL DRAINAGE FACILITIES ITEMS				\$910,578.60		\$1,046,881.00
M	SCELLANEOUS ITEMS						
	 METHOD "A" CONSTRUCTION STAKING AS PER CONTRACTOR, COMPLETE IN PLACE 	LS	1	\$22,000.00	\$22,000.00	\$20,000.00	\$20,000.00
	 INSTALLATION, MAINTENANCE & REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE 	EA	1	\$3,100.00	\$3,100.00	\$2,200.00	\$2,200.00
	CEMENT STABILIZED SAND (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	250	\$12,00	\$3,000.00	\$25.00	\$6,250.00
	4. WATER, SANITARY SEWER, AND STORM SEWER UTILITY SPOIL TO BE USED AS LOT FILL PER THE GRADING PLAN, INCLUDES EXCAVATION, HAULING, PLACING, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	8500	\$3.00	\$25,500.00	\$1.00	\$8,500.00
	 SILT FENCE INLET PROTECTION BARRIERS, SWMHCA SPECIFICATION NO.4511, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE 	EA	49	\$90.00	\$4,410.00	\$50.00	\$2,450.00
	 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	5009	\$2.25	\$11,270.25	\$1.35	\$6,762.15
	7. STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING CONTRACTOR BOOKLET, NOI AND NOT, COMPLETE IN PLACE	LS	1	\$1,000.00	\$1,000.00	\$1,400.00	\$1,400.00
	8. INSTALLATION AND REMOVAL UPON COMPLETION OF CONCRETE WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$650.00	\$650.00
	REMOVE AND DISPOSE OF EXISTING GRAVEL TURNAROUND, COMPLETE IN PLACE	SY	758	\$20.00	\$15,160.00	\$10.00	\$7,580.00
	10. CLEARING, GRUBBING, AND HAULING OFFSITE OF CLEARED MATERIAL, FOR PUBLIC UTILITY EASEMENTS (TO BE DONE ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1.4	\$2,000,00	\$2,800.00	\$7,000.00	\$9,800.00

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 TO SERVE SOUTHERN COLONY SECTION 4C
FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 131
CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS
DECEMBER 19, 2018
LJA ENGINEERING, INC.
P.CHATTERJEE
DECEMBER 19, 2018
1751-8004C (9.2)

ITEM D	FOODINTION			4) PRINCIPAL SE	RVICES, LTD.	5) BAY UTILI	TIES, LLC
	ESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
0	LEARING, GRUBBING, AND HAULING OFFSITE OF CLEARED MATERIAL FOR BACK OF LOTS AND PRIVATE UTILITY EASEMENTS(TO BE DONE ONLY AT THE IRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	2.1	\$2,000.00	\$4,200.00	\$7,000.00	\$14,700.00
Ri Ci	LEARING, GRUBBING, AND HAULING OFFSITE OF CLEARED MATERIAL FOR IGHT OF WAY (TO BE USED ONLY UNDER THE DIRECTION OF THE ENGINEER), OMPLETE IN PLACE	AC	6.5	\$2,000.00	\$13,000.00	\$7,000.00	\$45,500.00
RI	LEARING, GRUBBING AND HAULING OFFSITE OF CLEARED MATERIAL FOR ESERVES (TO BE USED ONLY UNDER THE DIRECTION OF THE ENGINEER), OMPLETE IN PLACE	AC	3.6	\$2,000.00	\$7,200.00	\$7,000.00	\$25,200.00
(1)	LEARING, GRUBBING AND HAULING OFFSITE OF CLEARED MATERIAL FOR LOTS O BE USED ONLY UNDER THE DIRECTION OF THE ENGINEER), COMPLETE IN LACE	AC	18.9	\$2,000.00	\$37,800.00	\$7,000.00	\$132,300.00
SUBTOT	AL MISCELLANEOUS ITEMS				\$150,940.25		\$283,292.15
BID SUM	MARY						
SUBTOTA	AL WATER SYSTEM ITEMS				****		
SUBTOTA	AL SANITARY SEWER SYSTEM ITEMS				\$200,839.50		\$237,806.00
	AL DRAINAGE FACILITIES ITEMS				\$494,937.72		\$597,797.25
	AL MISCELLANEOUS ITEMS				\$910,578.60		\$1,046,881.00
3051017	AL INISCELLAIMEOUS ITEMS				\$150,940.25		\$283,292.15
TOTAL A	MOUNT BID				\$1,757,296.07		\$2,165,776.40