

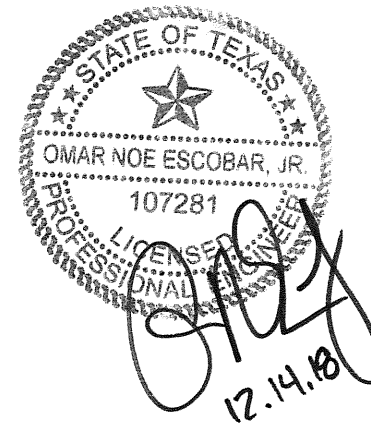
**BID TABULATION FOR:**

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

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND PAVING AND APPURTENANCES  
TO SERVE SIENNA PLANTATION SECTION 40A  
SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 6  
CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS  
DECEMBER 13, 2018  
LJA ENGINEERING, INC.  
B. ALVAREZ  
DECEMBER 13, 2018  
JOB NUMBER 1416-1540AD & 1416-1540AP (9.2)

BIDDER'S NAME	TOTAL BID AMOUNT	TOTAL AMOUNT BID INCLUDING ALTERNATE BID NO. 1 & 2
1) CROSTEX CONSTRUCTION, INC.	\$2,087,000.00 *	\$2,326,610.05
2) TRIPLE B SERVICES, LLP	\$2,496,943.30	\$2,744,556.30

CALENDAR DAYS - March 29, 2019



A large, stylized handwritten signature in black ink, appearing to read "Omar Noe Escobar, Jr.", positioned above a horizontal line.

I, Noe Escobar, P.E., hereby certify these bid tabulations to be true and correct.

**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND PAVING AND APPURTENANCES  
 TO SERVE SIENNA PLANTATION SECTION 40A  
 SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 6  
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS  
 DECEMBER 13, 2018  
 LJA ENGINEERING, INC.  
 B. ALVAREZ  
 DECEMBER 13, 2018  
 JOB NUMBER 1416-1540AD & 1416-1540AP (9.2)

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

ITEM DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION, INC.		2) TRIPLE B SERVICES, LLP	
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>WATER DISTRIBUTION SYSTEM ITEMS - INTERNAL (SIENNA PLANTATION MUD NO. 6)</b>						
1. METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR PER GENE BAKER, GBI PARTNERS, LP, 281.499.4539, COMPLETE IN PLACE	LS	1	\$10,256.00	\$10,256.00	\$10,256.00	\$10,256.00
2. 6" PVC WATER LINE, C-900, DR 14, CL 305, ALL DEPTHS, COMPLETE IN PLACE	LF	305	\$15.60	\$4,758.00	\$22.00	\$6,710.00
3. 8" PVC WATER LINE, C-900, DR 18, CL 235, ALL DEPTHS, COMPLETE IN PLACE	LF	2,585	\$17.50	\$45,237.50	\$24.00	\$62,040.00
4. 12" PVC WATER LINE, C-900, DR 18, CL 235, ALL DEPTHS, COMPLETE IN PLACE	LF	20	\$34.00	\$680.00	\$28.00	\$560.00
5. 6" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	1	\$700.00	\$700.00	\$950.00	\$950.00
6. 8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	17	\$1,065.00	\$18,105.00	\$1,400.00	\$23,800.00
7. 12" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	4	\$2,500.00	\$10,000.00	\$2,300.00	\$9,200.00
8. FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD, AND FLUSHING VALVE, COMPLETE IN PLACE	EA	8	\$3,650.00	\$29,200.00	\$4,000.00	\$32,000.00
9. CAST IRON FITTINGS, COMPLETE IN PLACE	TON	1.86	\$2,200.00	\$4,092.00	\$2,000.00	\$3,720.00
10. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2,890	\$0.05	\$144.50	\$0.10	\$289.00
11. 8" PLUG & CLAMP, COMPLETE IN PLACE	EA	3	\$165.00	\$495.00	\$450.00	\$1,350.00
12. 2" BLOW OFF VALVE & BOX ASSEMBLY, COMPLETE IN PLACE	EA	3	\$265.00	\$795.00	\$475.00	\$1,425.00
13. WET CONNECT (ALL SIZES), INCLUDES TEE AND ALL APPURTENANCES, COMPLETE IN PLACE	EA	2	\$1,975.00	\$3,950.00	\$1,000.00	\$2,000.00
<b>SUBTOTAL WATER DISTRIBUTION SYSTEM ITEMS - INTERNAL (SIENNA PLANTATION MUD NO. 6)</b>				<b>\$128,413.00</b>		<b>\$154,300.00</b>
<b>SANITARY SEWER SYSTEM ITEMS - INTERNAL (SIENNA PLANTATION MUD NO. 6)</b>						
1. 12" PVC SEWER PIPE, ASTM D 2241, SDR 26, CLASS 160, 0' - 12' DEPTH, COMPLETE IN PLACE	LF	3,600	\$32.00	\$115,200.00	\$50.00	\$180,000.00
2. STANDARD SANITARY SEWER MANHOLE, (0' - 8' DEPTH), INCLUDING INFLOW PROTECTOR AND RAMNEK AT ALL JOINTS, COMPLETE IN PLACE	EA	24	\$4,610.00	\$110,640.00	\$4,100.00	\$98,400.00
3. EXTRA VERTICAL DEPTH OF STANDARD SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	15.44	\$361.00	\$5,573.84	\$120.00	\$1,852.80
4. 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, STACK, MARKER, DROP STRUCTURE, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	1,118	\$34.00	\$38,012.00	\$48.00	\$53,664.00
5. SHORT 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, STACK, MARKER, TRENCH SAFETY, DROP STRUCTURES, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	23	\$975.00	\$22,425.00	\$1,000.00	\$23,000.00
6. T.V. INSPECTION OF SANITARY SEWER LINES (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	4,718	\$0.01	\$47.18	\$1.25	\$5,897.50
7. TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	4,718	\$5.00	\$23,590.00	\$1.00	\$4,718.00
8. FINAL ADJUSTMENTS TO SANITARY MANHOLES, COMPLETE IN PLACE	EA	23	\$200.00	\$4,600.00	\$250.00	\$5,750.00
9. 12" SANITARY SEWER PLUG, COMPLETE IN PLACE	EA	2	\$100.00	\$200.00	\$300.00	\$600.00

**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND PAVING AND APPURTENANCES  
 TO SERVE SIENNA PLANTATION SECTION 40A  
 SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 6  
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS  
 DECEMBER 13, 2018  
 LJA ENGINEERING, INC.  
 B. ALVAREZ  
 DECEMBER 13, 2018  
 JOB NUMBER 1416-1540AD & 1416-1540AP (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION, INC.		2) TRIPLE B SERVICES, LLP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
10.	BORE AND JACK OR AUGER (DRY BORE) OF 12" SANITARY SEWER, UNDER WATERS LAKE BOULEVARD, ALL DEPTHS, ALL SIZES, EXCLUDES LINE PIPE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$200.00	\$20,000.00	\$200.00	\$20,000.00
11.	24" STEEL ENCASMENT FOR 12" PVC SEWER PIPE, AWWA C-200, ALL DEPTHS, (EXCLUDES CARRIER PIPE), INCLUDES STAINLESS STEEL CASING SPACERS, COMPLETE IN PLACE	LF	100	\$126.00	\$12,600.00	\$143.00	\$14,300.00
12.	BREAK INTO EXISTING SANITARY MANHOLE AND CONNECT PROPOSED 12" SANITARY SEWER, INCLUDES ALL NECESSARY CONNECTORS, ADAPTORS OR FITTINGS, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00
<b>SUBTOTAL SANITARY SEWER SYSTEM ITEMS - INTERNAL (SIENNA PLANTATION MUD NO. 6)</b>					<b>\$354,388.02</b>		<b>\$409,182.30</b>
<b>DRAINAGE FACILITIES ITEMS - INTERNAL (SIENNA PLANTATION MUD NO. 6)</b>							
1.	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	1,588	\$56.15	\$89,166.20	\$72.50	\$115,130.00
2.	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	550	\$71.40	\$39,270.00	\$80.00	\$44,000.00
3.	36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	265	\$96.75	\$25,638.75	\$115.00	\$30,475.00
4.	42" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	30	\$125.60	\$3,768.00	\$170.00	\$5,100.00
5.	54" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	353	\$194.00	\$68,482.00	\$250.00	\$88,250.00
6.	60" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	52	\$248.00	\$12,896.00	\$290.00	\$15,080.00
7.	5' X 5' R.C.B STORM SEWER BOX CULVERT, ASTM C-1433, ALL DEPTHS, INCLUDES NON SHRINK GROUT ON ALL JOINTS, COMPLETE IN PLACE	LF	462	\$340.00	\$157,080.00	\$360.00	\$166,320.00
8.	STAGE I - STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS), COMPLETE IN PLACE	EA	18	\$2,000.00	\$36,000.00	\$2,000.00	\$36,000.00
9.	STAGE II - STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	18	\$400.00	\$7,200.00	\$1,300.00	\$23,400.00
10.	STAGE I - STANDARD 10' CURB INLET, ALL DEPTHS, (INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS), COMPLETE IN PLACE	EA	8	\$2,500.00	\$20,000.00	\$2,200.00	\$17,600.00
11.	STAGE II - STANDARD 10' CURB INLET, (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	8	\$500.00	\$4,000.00	\$2,400.00	\$19,200.00
12.	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	21	\$2,250.00	\$47,250.00	\$3,600.00	\$75,600.00
13.	TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	5	\$4,000.00	\$20,000.00	\$5,700.00	\$28,500.00
14.	JUNCTION BOX WITH TYPE "C" MANHOLE PER DETAIL, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$4,750.00	\$9,500.00	\$7,250.00	\$14,500.00
15.	CITY OF MISSOURI CITY (COMC) CONSTRUCTION PERMIT FOR CONSTRUCTION OF WS&D (PERCENTAGE OF WS&D CONSTRUCTION COST AS REQUIRED BY COMC), COMPLETE IN PLACE	LS	1	\$12,829.58	\$12,829.58	\$12,000.00	\$12,000.00

**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 AND PAVING AND APPURTENANCES  
 TO SERVE SIENNA PLANTATION SECTION 40A  
 SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 6  
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS  
 DECEMBER 13, 2018  
 LJA ENGINEERING, INC.  
 B. ALVAREZ  
 DECEMBER 13, 2018  
 JOB NUMBER 1416-1540AD & 1416-1540AP (9.2)

ITEM DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION, INC.		2) TRIPLE B SERVICES, LLP	
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
16. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3,109	\$0.05	\$155.45	\$1.00	\$3,109.00
17. WATER, SANITARY SEWER, AND STORM SEWER UTILITY SPOIL TO BE HAULED USING ON-ROAD TRUCKS TO A DESIGNATED LOCATION 1.0 MILES OF THE PROJECT, INCLUDES EXCAVATION, HAULING, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE	CY	7,990	\$4.00	\$31,960.00	\$13.00	\$103,870.00
18. FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	29	\$125.00	\$3,625.00	\$260.00	\$7,540.00
19. 5' X 5' R.C.B., STORM SEWER OUTFALL STRUCTURE PER COMC DETAIL, INCLUDES 2' TOE ALL AROUND, 2' CLAY LINER BELOW ALL SLOPE PAVING, 4:1 S.E.T., AND STAINING OF SLOPE PAVING (COLOR TO BE DETERMINED BY THE DEVELOPER) 2' BELOW NORMAL WATER SURFACE ELEVATION PER DETAIL, INCLUDES 4' CONCRETE SLOPE PAVING, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$30,000.00	\$30,000.00	\$19,000.00	\$19,000.00
20. 54" RCP STORM SEWER OUTFALL STRUCTURE PER COMC DETAIL, INCLUDES 2' TOE ALL AROUND, 2' CLAY LINER BELOW ALL SLOPE PAVING, 4:1 S.E.T., AND STAINING OF SLOPE PAVING (COLOR TO BE DETERMINED BY THE DEVELOPER), 2' BELOW NORMAL WATER SURFACE ELEVATION PER DETAIL, INCLUDES 4' CONCRETE SLOPE PAVING, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$27,500.00	\$27,500.00	\$18,000.00	\$18,000.00
21. 30" RCP STORM SEWER OUTFALL STRUCTURE PER COMC DETAIL, INCLUDES 2' TOE ALL AROUND, 2' CLAY LINER BELOW ALL SLOPE PAVING, 4:1 S.E.T., AND STAINING OF SLOPE PAVING (COLOR TO BE DETERMINED BY THE DEVELOPER), 2' BELOW NORMAL WATER SURFACE ELEVATION PER DETAIL, INCLUDES 4' CONCRETE SLOPE PAVING, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$25,000.00	\$25,000.00	\$13,000.00	\$13,000.00
22. OVERFLOW DRAINAGE SWALE, CHANNEL LOCK OR APPROVED EQUAL, 3:1 SIDE SLOPES, 2' BOTTOM WIDTH, INCLUDES EXCAVATION HAULING, GRADING AND HYDROMULCH SEEDING AS PER SWMHCA SPECIFICATION NO. 4241 (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	400	\$40.00	\$16,000.00	\$160.00	\$64,000.00
23. INSTALLATION AND REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, INCLUDES INSTALLATION AND REMOVAL (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	2	\$1,500.00	\$3,000.00	\$3,500.00	\$7,000.00
24. 8" BRICK PLUG FOR STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$250.00	\$750.00	\$750.00	\$2,250.00
25. PROPOSED DRAINAGE SWALE, 3:1 SIDE SLOPES WITH 2' BOTTOM WIDTH, INCLUDES HAULING, GRADING, HYDROMULCH SEEDING PER SWMHCA SPECIFICATIONS NO. 4241 (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	2,000	\$3.50	\$7,000.00	\$13.50	\$27,000.00
26. EXCAVATION OF EXISTING STOCKPILE, INCLUDES HAULING, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, USING ON-ROAD TRUCKS TO THE FILL SITE AS SPECIFIED IN THE CONSTRUCTION PLANS WITHIN 1.0 MILE OF THE PROJECT SITE, COMPLETE IN PLACE	CY	8,000	\$4.00	\$32,000.00	\$13.00	\$104,000.00
27. REMOVAL AND RELOCATION OF EXISTING WEIR 200 FT DOWNSTREAM OF EXISTING STRUCTURE ALONG CHANNEL 4, INCLUDES PLACING AND COMPACTING TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, WEIR TO BE CONSTRUCTED OF FILL WITH P.I. OF 20 OR GREATER, COMPLETE IN PLACE	LS	1	\$12,500.00	\$12,500.00	\$5,000.00	\$5,000.00
28. RESTORATION OF CHANNEL SIDE SLOPES UPON WEIR REMOVAL, TO EXISTING CONDITIONS OR BETTER, COMPLETE IN PLACE	LS	1	\$3,000.00	\$3,000.00	\$2,250.00	\$2,250.00
29. HIGH PERFORMANCE TURF REINFORCEMENT MAT (PYROMAT 972-439-2355), OR APPROVED EQUAL, TO BE USED FOR EARTHEN WEIR STRUCTURE AS PER PLANS	SY	980	\$12.00	\$11,760.00	\$10.00	\$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 AND PAVING AND APPURTENANCES TO SERVE SIENNA PLANTATION SECTION 40A SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 6 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS DECEMBER 13, 2018 LJA ENGINEERING, INC. B. ALVAREZ DECEMBER 13, 2018 JOB NUMBER 1416-1540AD & 1416-1540AP (9.2)

ITEM DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION, INC.		2) TRIPLE B SERVICES, LLP	
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
30. COFFER DAM OR BLADDER AND TEMPORARY BYPASS PUMPING FOR DURATION OF PROJECT, INCLUDES INSTALLATION AND REMOVAL UPON COMPLETION, RESTORATION OF CHANNEL TO EXISTING CONDITIONS OR BETTER, COMPLETE IN PLACE	EA	2	\$15,000.00	\$30,000.00	\$21,000.00	\$42,000.00
<b>SUBTOTAL DRAINAGE FACILITIES ITEMS - INTERNAL (SIENNA PLANTATION MUD NO. 6)</b>				<b>\$787,330.98</b>		<b>\$1,118,974.00</b>
<b>CLEARING AND GRUBBING ITEMS</b>						
1. METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR PER GENE BAKER, GBI PARTNERS, LP, 281.499.4539, COMPLETE IN PLACE	LS	1	\$4,500.00	\$4,500.00	\$4,500.00	\$4,500.00
2. CLEARING AND GRUBBING OF LIGHTLY WOODED WS&D SHARE OF FILL SITE, INCLUDES REMOVING ALL STUMPS AND ROOTS, CHIPPING AND HAULING DEBRIS OUTSIDE THE BOUNDARY OF SIENNA PLANTATION DEVELOPMENT, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	5.2	\$6,000.00	\$31,200.00	\$7,500.00	\$39,000.00
3. STRIPPING OF FILL SITE, INCLUDES REMOVING ALL STUMPS AND ROOTS, CHIPPING AND HAULING DEBRIS OUTSIDE THE BOUNDARY OF SIENNA PLANTATION DEVELOPMENT, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	5.21	\$800.00	\$4,168.00	\$5,200.00	\$27,092.00
<b>SUBTOTAL CLEARING AND GRUBBING ITEMS</b>				<b>\$39,868.00</b>		<b>\$70,592.00</b>
<b>PAVING IMPROVEMENT ITEMS (INTERNAL) - SIENNA PLANTATION MUD NO. 6</b>						
1. METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR PER GENE BAKER, GBI PARTNERS, LP, 281.499.4539, COMPLETE IN PLACE	LS	1	\$3,500.00	\$3,500.00	\$3,058.00	\$3,058.00
2. 6" REINFORCED CONCRETE PAVEMENT POURED FULL-WIDTH WHERE APPLICABLE, (MISSOURI CITY SPECIFICATIONS), COMPLETE IN PLACE	SY	10,083	\$39.65	\$399,790.95	\$39.00	\$393,237.00
3. 7" REINFORCED CONCRETE PAVEMENT POURED FULL-WIDTH WHERE APPLICABLE (MISSOURI CITY SPECIFICATIONS), COMPLETE IN PLACE	SY	667	\$57.15	\$38,119.05	\$44.00	\$29,348.00
4. 4" X 12" REINFORCED MOUNTABLE CURB WITH POLYETHYLENE FIBERS, (MISSOURI CITY SPECIFICATIONS), COMPLETE IN PLACE	LF	2,979	\$4.00	\$11,916.00	\$4.00	\$11,916.00
5. 6" REINFORCED CONCRETE CURB, (MISSOURI CITY SPECIFICATIONS), COMPLETE IN PLACE	LF	3,638	\$4.00	\$14,552.00	\$4.00	\$14,552.00
6. 6" LIME STABILIZED SUBGRADE, (MISSOURI CITY SPECIFICATIONS), COMPLETE IN PLACE	SY	12,251	\$2.55	\$31,240.05	\$3.00	\$36,753.00
7. LIME FOR SUBGRADE PREPARATION, (8% BY DRY WEIGHT), (44 LBS/SY), (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	TON	270	\$213.00	\$57,510.00	\$180.00	\$48,600.00
8. COMMON ROADWAY AND LOT EXCAVATION TO BE USED FOR ONSITE FILL, INCLUDES EXCAVATION, HAULING, PLACING AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE	CY	12,000	\$7.30	\$87,600.00	\$6.00	\$72,000.00
9. WHEELCHAIR RAMPS AS PER COMC DETAIL, INCLUDING TRUNCATED DOME PAVER AS NOTED IN THE CONSTRUCTION PLAN SET, COMPLETE IN PLACE	EA	20	\$1,100.00	\$22,000.00	\$1,200.00	\$24,000.00
10. PERMANENT TRAFFIC CONTROL DEVICES, INCLUDING TRAFFIC BUTTONS, STREET SIGNS, STOP SIGNS, PAVEMENT STRIPING, MARKER, ETC., COMPLETE IN PLACE	LS	1	\$14,800.00	\$14,800.00	\$5,200.00	\$5,200.00
11. 4" SQUARE DOUBLE REFLECTORIZED BLUE TRAFFIC BUTTON FOR FIRE HYDRANT LOCATION, COMPLETE IN PLACE	EA	8	\$12.00	\$96.00	\$9.00	\$72.00
12. TYPE III BARRICADE, ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	3	\$1,575.00	\$4,725.00	\$750.00	\$2,250.00

**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND PAVING AND APPURTENANCES TO SERVE SIENNA PLANTATION SECTION 40A SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 6 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS DECEMBER 13, 2018 LJA ENGINEERING, INC. B. ALVAREZ DECEMBER 13, 2018 JOB NUMBER 1416-1540AD & 1416-1540AP (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION, INC.		2) TRIPLE B SERVICES, LLP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
13.	INSTALLATION AND REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	2	\$1,500.00	\$3,000.00	\$3,500.00	\$7,000.00
14.	CITY OF MISSOURI CITY (COMC) CONSTRUCTION PERMIT FOR CONSTRUCTION OF PAVING OF INTERNAL SECTION AND WATERS LAKE BOULEVARD, (PERCENTAGE OF PAVING CONSTRUCTION COST AS REQUIRED BY COMC), COMPLETE IN PLACE	LS	1	\$8,150.95	\$8,150.95	\$7,500.00	\$7,500.00
15.	REMOVAL OF EXISTING TYPE III BARRICADE, ONLY AS DIRECTED BY ENGINEER, COMPLETE IN PLACE	EA	1	\$225.00	\$225.00	\$150.00	\$150.00
16.	PROVIDE SUBDIVISION BOND IN THE AMOUNT OF \$218,282.18, COMPLETE IN PLACE	LS	1	\$5,500.00	\$5,500.00	\$3,000.00	\$3,000.00
17.	IRRIGATION SLEEVE, 4" PVC SCHEDULE 40, INCLUDES RISERS AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	LF	275	\$16.00	\$4,400.00	\$14.00	\$3,850.00
18.	IRRIGATION SLEEVE, 6" PVC SCHEDULE 40, INCLUDES RISERS AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	LF	275	\$17.00	\$4,675.00	\$20.00	\$5,500.00
19.	PAVING HEADER, AS PER CITY OF MISSOURI CITY CRITERIA, COMPLETE IN PLACE	LF	84	\$17.00	\$1,428.00	\$15.00	\$1,260.00
20.	FORT BEND COUNTY CONSTRUCTION COMPLETION AND FINAL ACCEPTANCE INSPECTION FEES, COMPLETE IN PLACE	LS	1	\$2,800.00	\$2,800.00	\$21,000.00	\$21,000.00
21.	CONNECT PROPOSED 6" PAVEMENT TO EXISTING 7" PAVEMENT, INCLUDES DISPOSAL OF EXISTING CONCRETE CURB, SUBGRADE, PAVEMENT AND 2 FT SAWCUT TO FULL DEPTH, DOWEL INTO EXISTING CONCRETE PAVEMENT AND UNDERCUT, AND ANY OTHER NECESSARY APPURTENANCES, COMPLETE IN PLACE	LF	176	\$17.00	\$2,992.00	\$24.00	\$4,224.00
22.	CONNECT PROPOSED 7" PAVEMENT TO EXISTING 7" PAVEMENT, INCLUDES DISPOSAL OF EXISTING CONCRETE CURB, SUBGRADE, PAVEMENT AND 2 FT SAWCUT TO FULL DEPTH, DOWEL INTO EXISTING CONCRETE PAVEMENT AND UNDERCUT, AND ANY OTHER NECESSARY APPURTENANCES, COMPLETE IN PLACE	LF	760	\$28.00	\$21,280.00	\$25.00	\$19,000.00
23.	CONTRACTOR SHALL LOWER EXISTING STORM SEWER MANHOLE TO BE FLUSH WITH PROPOSED PAVEMENT, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$425.00	\$425.00
24.	WATERS LAKE BOULEVARD PREPARE AND RESTORE ALL LANDSCAPE AND IRRIGATION AFFECTED BY CONSTRUCTION AND OR SITE MODIFICATIONS, CONTRACTOR SHALL USE THE (CONTACT TERRA MANAGEMENT SERVICE 713-462-5017 OR TROY GOODLL WITH SIENNA PLANTATION ASSOCIATION AT 281-778-3738) TO PERFORM ALL DUTIES RELATED TO THIS TASK AND THE MINIMUM UNIT PRICE PROVIDED ON BID FORM, LANDSCAPE AND IRRIGATION WORK INCLUDES (A) CUT AND CAP ALL IRRIGATION LINES; REMOVE LARGE TREES (CUT FLUSH AT SOIL) AND TRANSPLANT SMALL TREES WITHIN L.O.C. PRIOR TO CONSTRUCTION, (B) FINE GRADE AND INSTALL SOLID SOD (6' FROM BOC), AND (C) INSTALLATION OF IRRIGATION NEEDED TO PROVIDE COMPLETE COVERAGE. NOTE: CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL CONSTRUCTION DEBRIS AND INITIAL GRADING NECESSARY TO BRING AFFECTED AREAS WITHIN 1' OF FINAL GRADE BEFORE TURNING OVER SITE TO LANDSCAPE CONTRACTOR, COMPLETE IN PLACE	LS	1	\$25,000.00	\$25,000.00	\$20,000.00	\$20,000.00
25.	REMOVAL AND RELOCATION OF EXISTING ORNAMENTAL STREET LIGHT ALONG WATERS LAKE BOULEVARD, COMPLETE IN PLACE	EA	2	\$5,600.00	\$11,200.00	\$5,000.00	\$10,000.00

**SUBTOTAL PAVING IMPROVEMENT ITEMS (INTERNAL) - SIENNA PLANATION MUD NO. 6)**

**\$777,000.00**

**\$743,895.00**

**MISCELLANEOUS ITEMS**

**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND PAVING AND APPURTENANCES  
 TO SERVE SIENNA PLANTATION SECTION 40A  
 SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 6  
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS  
 DECEMBER 13, 2018  
 LJA ENGINEERING, INC.  
 B. ALVAREZ  
 DECEMBER 13, 2018  
 JOB NUMBER 1416-1540AD & 1416-1540AP (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION, INC.		2) TRIPLE B SERVICES, LLP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1.	STANDARD DEDUCT FOR VARIANCE REQUESTS SUBMITTED B THE ENGINEER ON BEHALF OF THE CONTRACTOR, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	0	(\$1,000.00)	\$0.00	(\$1,000.00)	\$0.00
2.	STANDARD DEDUCT FOR STREET CLEANING (AS DIRECTED BY THE OWNER), COMPLETE IN PLACE	HR	0	(\$125.00)	\$0.00	(\$125.00)	\$0.00
3.	STANDARD DEDUCT FOR DAMAGE TO WETLANDS FENCING BY THE CONTRACTOR, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	0	(\$10.00)	\$0.00	(\$10.00)	\$0.00
4.	STANDARD DEDUCT FOR DAMAGE TO TREE MARKED FOR PRESERVATION, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	0	(\$1,000.00)	\$0.00	(\$1,000.00)	\$0.00
<b>SUBTOTAL MISCELLANEOUS ITEMS</b>					<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>ALTERNATE BID NO. 1 - FIELD CONDITIONS ITEMS</b>							
1.	BORE AND JACK OR AUGER (WET BORE) OF WATER LINE, ALL DEPTHS, ALL SIZES, EXCLUDES LINE PIPE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	200	\$20.00	\$4,000.00	\$40.00	\$8,000.00
2.	BORE PITS FOR WATER LINE BORE, INCLUDES BORE PIT, DEWATERING OF BORE PIT, TRENCH SAFETY FOR BORE PIT, COMPLETE IN PLACE	EA	4	\$100.00	\$400.00	\$400.00	\$1,600.00
3.	DEWATERING OF RIGHT OF WAY (ALL DEPTHS, THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2,930	\$20.00	\$58,600.00	\$20.00	\$58,600.00
4.	BORE AND JACK OR AUGER (WET BORE) OF SANITARY SEWER, ALL DEPTHS, ALL SIZES, EXCLUDES LINE PIPE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	200	\$20.00	\$4,000.00	\$45.00	\$9,000.00
5.	BORE PITS FOR SANITARY SEWER BORE, INCLUDES BORE PIT, DEWATERING OF BORE PIT, TRENCH SAFETY FOR BORE PIT, COMPLETE IN PLACE	EA	4	\$100.00	\$400.00	\$400.00	\$1,600.00
6.	ADDITIONAL COST FOR MISSOURI CITY MODIFIED "A-A" SANITARY SEWER BEDDING, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	2,515	\$12.00	\$30,180.00	\$12.00	\$30,180.00
7.	CEMENT STABILIZED SAND (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	500	\$20.00	\$10,000.00	\$20.00	\$10,000.00
8.	ADDITIONAL COST FOR MISSOURI CITY MODIFIED "A-A" STORM SEWER BEDDING, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	2,705	\$16.00	\$43,280.00	\$16.00	\$43,280.00
<b>SUBTOTAL ALTERNATE BID NO. 1 - FIELD CONDITIONS ITEMS</b>					<b>\$150,860.00</b>	<b>\$162,260.00</b>	<b>\$162,260.00</b>
<b>ALTERNATE BID NO. 2 - FIELD CONDITIONS ITEMS</b>							
1.	ADDITIONAL 6" LIME STABILIZED SUBGRADE (MISSOURI CITY SPECIFICATIONS) TO BE USED FOR UNSTABLE SOIL CONDITIONS AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	12,251	\$2.55	\$31,240.05	\$3.00	\$36,753.00
2.	ADDITIONAL LIME FOR SUBGRADE PREPARATION (8% BY WEIGHT) (44 LBS/YD), TO BE USED FOR UNSTABLE SOIL CONDITIONS AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	TON	270	\$213.00	\$57,510.00	\$180.00	\$48,600.00
<b>SUBTOTAL ALTERNATE BID NO. 2 - FIELD CONDITIONS ITEMS</b>					<b>\$88,750.05</b>	<b>\$85,353.00</b>	<b>\$85,353.00</b>
<b>BID SUMMARY</b>							
SUBTOTAL WATER DISTRIBUTION SYSTEM ITEMS - INTERNAL (SIENNA PLANTATION MUD NO. 6)					\$128,413.00	\$154,300.00	\$154,300.00

**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 AND PAVING AND APPURTENANCES  
 TO SERVE SIENNA PLANTATION SECTION 40A  
 SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 6  
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS  
 DECEMBER 13, 2018  
 LJA ENGINEERING, INC.  
 B. ALVAREZ  
 DECEMBER 13, 2018  
 JOB NUMBER 1416-1540AD & 1416-1540AP (9.2)

ITEM DESCRIPTION	UNIT	QTY	1) CROSTEX CONSTRUCTION, INC.		2) TRIPLE B SERVICES, LLP	
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
SUBTOTAL SANITARY SEWER SYSTEM ITEMS - INTERNAL (SIENNA PLANTATION MUD NO. 6)				\$354,388.02		\$409,182.30
SUBTOTAL DRAINAGE FACILITIES ITEMS - INTERNAL (SIENNA PLANTATION MUD NO. 6)				\$787,330.98		\$1,118,974.00
SUBTOTAL CLEARING AND GRUBBING ITEMS				\$39,868.00		\$70,592.00
SUBTOTAL PAVING IMPROVEMENT ITEMS (INTERNAL) - SIENNA PLANATION MUD NO. 6)				\$777,000.00		\$743,895.00
SUBTOTAL MISCELLANEOUS ITEMS				\$0.00		\$0.00
<b>TOTAL AMOUNT BID</b>				<b>\$2,087,000.00</b>		<b>\$2,496,943.30</b>
SUBTOTAL ALTERNATE BID NO. 1 - FIELD CONDITIONS ITEMS				\$150,860.00		\$162,260.00
SUBTOTAL ALTERNATE BID NO. 2 - FIELD CONDITIONS ITEMS				\$88,750.05		\$85,353.00
<b>TOTAL AMOUNT BASE BID INLCUDING ALTERNATE BID NO. 1 AND ALTERNATE BID NO. 2</b>				<b>\$2,326,610.05</b>		<b>\$2,744,556.30</b>