

BID TABULATION FOR:

CONSTRUCTION OF THE SIENNA OAKS LAKE PHASE 2
SIENNA MUNICIPAL UTILITY DISTRICT NO. 5
CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
JULY 19, 2022
LJA ENGINEERING, INC.
D. FORREST
JULY 19, 2022
1415-2002 (9.2)

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

BIDDER'S NAME	TOTAL AMOUNT BID
1) HARRIS CONSTRUCTION COMPANY, LLC	\$3,737,303.75
2) SOLID BRIDGE CONSTRUCTION	\$4,785,192.00
3) LONGHORN EXCAVATORS, INC.	\$4,939,428.84
4) TLC CONSTRUCTION CONTRACT SERVICES	\$10,140,919.00

CALENDAR DAYS - 200/230

for Scott Frankovich

I, Amanda Carriage, P.E., hereby certify these bid tabulations to be true and correct.

LJA Engineering, Inc.



Scott Frankovich
7/28/2022

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ITEM	DESCRIPTION	UNIT	QTY	1) HARRIS CONSTRUCTION COMPANY, LLC		2) SOLID BRIDGE CONSTRUCTION		3) LONGHORN EXCAVATORS, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
SIENNA OAKS LAKE PHASE 2 ITEMS (SIENNA MUD NO. 5)									
1	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR, PER GENE BAKER, GBI PARTNERS, L.P., 281.499.4539, COMPLETE IN PLACE	LS	1	\$20,000.00	\$20,000.00	\$24,000.00	\$24,000.00	\$24,000.00	\$24,000.00
2	EXCAVATION OF SIENNA OAKS LAKE PHASE 2 AND ADJACENT STOCKPILE, COMPLETE IN PLACE	CY	240000	\$1.50	\$360,000.00	\$2.55	\$612,000.00	\$3.33	\$799,200.00
3	HAULING, PLACEMENT AND COMPACTION OF EXCAVATION SPOILS TO BE HAULED USING ON-ROAD TRUCKS TO THE FILL SITE, WITHIN 2.00 MILES OF THE PROJECT, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, AS PER GEOTECHNICAL ENGINEER'S RECOMMENDATION, (CONTRACTOR TO HAUL ON SIENNA PARKWAY BETWEEN HOURS OF 9:00 A.M. TO 3:00 P.M.), COMPLETE IN PLACE	CY	162000	\$8.10	\$1,312,200.00	\$9.55	\$1,547,100.00	\$8.76	\$1,419,120.00
4	EXCAVATION OF EXISTING EARTHEN WEIR AND EXISTING CHANNEL 4 AMENITY LAKE, COMPLETE IN PLACE	CY	2670	\$7.50	\$20,025.00	\$4.80	\$12,816.00	\$9.00	\$24,030.00
5	EXCAVATION SPOILS TO BE USED FOR ONSITE FILL OF EXISTING CHANNEL 4 AND GRADING OF THE PROPOSED SIENNA OAKS LAKE, INCLUDES EXCAVATION, HAULING, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE	CY	78000	\$3.35	\$261,300.00	\$2.20	\$171,600.00	\$0.69	\$53,820.00
6	FINAL GRADING OF FILL AREAS, LAKE, HIGH BANK AND MAINTENANCE BERMS TO FINISHED ELEVATIONS PER PLANS, INCLUDES ALL REQUIRED FILL, EXCAVATION AND HAULING, COMPLETE IN PLACE	LS	1	\$26,500.00	\$26,500.00	\$18,000.00	\$18,000.00	\$27,900.00	\$27,900.00
7	INSTALLATION AND REMOVAL OF TEMPORARY LOW WATER CROSSING FOR CONSTRUCTION OF SIENNA OAKS LAKE, AS NECESSARY, INCLUDES TWO MINIMUM 12" C.G.M.P., REMOVAL AND DISPOSAL OF C.G.M.P., AFTER CONSTRUCTION AND RESTORING THE SITE AND SLOPES BACK TO THE ORIGINAL CONDITION OR BETTER (SEE LOW WATER CROSSING DETAILS), COMPLETE IN PLACE	EA	2	\$20,000.00	\$40,000.00	\$5,500.00	\$11,000.00	\$9,900.00	\$19,800.00
8	CITY OF MISSOURI CITY (COMC) CONSTRUCTION PERMIT, (PERCENT OF CONSTRUCTION COSTS), COMPLETE IN PLACE	LS	1	\$36,025.00	\$36,025.00	\$14,000.00	\$14,000.00	\$48,900.00	\$48,900.00
9	REQUIRED FORT BEND COUNTY ROW PERMIT, COMPLETE IN PLACE	LS	1	\$1,500.00	\$1,500.00	\$3,000.00	\$3,000.00	\$1,200.00	\$1,200.00
10	REQUIRED FORT BEND COUNTY DRIVEWAY PERMIT, COMPLETE IN PLACE	LS	1	\$1,500.00	\$1,500.00	\$3,000.00	\$3,000.00	\$1,200.00	\$1,200.00
11	REQUIRED FORT BEND COUNTY FILL PERMIT, COMPLETE IN PLACE	LS	1	\$1,500.00	\$1,500.00	\$31,200.00	\$31,200.00	\$1,200.00	\$1,200.00
12	RESTORATION OF EXISTING HIGH BANKS OF MAIN CHANNEL AND CHANNEL 4 AMENITY LAKE PHASE 4 TO EXISTING CONDITIONS OR BETTER, INCLUDES GRADING, COMPACTION AND ALL OTHER NECESSARY METHODS FOR RESTORATION, COMPLETE IN PLACE	LS	1	\$9,000.00	\$9,000.00	\$30,000.00	\$30,000.00	\$18,900.00	\$18,900.00
13	DEMUCK, SCARIFY, AND PROOF ROLL EXISTING CHANNEL, AND EAST-WEST DITCH BEFORE GRADING OF PROPOSED SIENNA OAKS LAKE, COMPLETE IN PLACE	LF	3560	\$7.50	\$26,700.00	\$10.00	\$35,600.00	\$15.00	\$53,400.00
14	TEMPORARY TRAFFIC CONTROL, COMPLETE IN PLACE	LS	1	\$10,000.00	\$10,000.00	\$24,000.00	\$24,000.00	\$78,000.00	\$78,000.00
15	ALL MODIFICATIONS TO EXISTING 8' X 4' OUTFALL, INCLUDING REMOVAL AND DISPOSAL OF THE EXISTING PIPE, OUTFALL STRUCTURE AND SLOPE PAVING, EXPOSURE OF OUTFALL PIPE, WRAPPING THE PIPE IN 3' OF CLAY, CONSTRUCTION OF THE OUTFALL STRUCTURE AND SLOPE PAVING AS PER DETAIL, AND ALL OTHER APPURTENANCES PER PLAN SET, COMPLETE IN PLACE	LS	1	\$18,000.00	\$18,000.00	\$28,000.00	\$28,000.00	\$59,952.00	\$59,952.00
16	ALL MODIFICATIONS TO EXISTING 42' OUTFALL INCLUDING REMOVAL AND DISPOSAL OF THE EXISTING PIPE, OUTFALL STRUCTURE AND SLOPE PAVING, EXPOSURE OF OUTFALL PIPE, WRAPPING THE PIPE IN 3' OF CLAY, CONSTRUCTION OF THE OUTFALL STRUCTURE AND SLOPE PAVING AS PER DETAIL, AND ALL OTHER APPURTENANCES PER PLAN SET, COMPLETE IN PLACE	LS	1	\$10,000.00	\$10,000.00	\$22,000.00	\$22,000.00	\$38,151.00	\$38,151.00

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 LJA ENGINEERING, INC.
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ITEM	DESCRIPTION	UNIT	QTY	1) HARRIS CONSTRUCTION COMPANY, LLC		2) SOLID BRIDGE CONSTRUCTION		3) LONGHORN EXCAVATORS, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
17	ALL MODIFICATIONS TO EXISTING 48" OUTFALL INCLUDING REMOVAL AND DISPOSAL OF THE EXISTING PIPE, OUTFALL STRUCTURE, SLOPE PAVING, AND 35 LF OF PIPE, EXPOSURE OF OUTFALL PIPE, WRAPPING THE PIPE IN 3' OF CLAY, CONSTRUCTION OF THE OUTFALL STRUCTURE AND SLOPE PAVING AS PER DETAIL, AND ALL OTHER APPURTENANCES PER PLAN SET, COMPLETE IN PLACE	LS	1	\$12,000.00	\$12,000.00	\$24,000.00	\$24,000.00	\$43,602.00	\$43,602.00
18	42" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	92	\$255.00	\$23,460.00	\$250.00	\$23,000.00	\$245.25	\$22,563.00
19	48" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	106	\$292.45	\$30,999.70	\$285.00	\$30,210.00	\$310.65	\$32,928.90
20	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$5,225.00	\$5,225.00	\$8,000.00	\$8,000.00	\$13,080.00	\$13,080.00
21	TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$7,085.00	\$7,085.00	\$9,000.00	\$9,000.00	\$16,350.00	\$16,350.00
22	FILL OF SIENNA OAKS LAKE CLAY LINER. INCLUDES EXCAVATION OF MATERIAL SUITABLE FOR LAKE LINING FROM SITE, FILLING IN MAXIMUM 8" LIFTS UNTIL 3" THICK (MIN.), AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, TO BE DONE ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	72580	\$1.50	\$108,870.00	\$6.00	\$435,480.00	\$4.92	\$357,093.60
23	WATERING CLAY LINER TO INSURE THAT LINER MAINTAINS MOISTURE REQUIREMENTS DICTATED, INCLUDES WATERING TRUCK, TEMPORARY IRRIGATION SYSTEM, OR ANY MEANS NECESSARY TO KEEP CLAY MOIST, COMPLETE IN PLACE	WEEK	30	\$750.00	\$22,500.00	\$3,200.00	\$96,000.00	\$600.00	\$18,000.00
24	4" CEMENT STABILIZED SAND SHELF, COMPLETE IN PLACE	SY	4450	\$14.00	\$62,300.00	\$18.00	\$80,100.00	\$15.27	\$67,951.50
25	SIENNA OAKS LAKE PROPOSED CONCRETE HARD EDGE WALL (4,000 PSI COMPRESSIVE STRENGTH), CONSTRUCTION DETAIL PER PLAN SET (INCLUDES RUBBED FINISH FROM TOP OF WALL TO 18" BELOW WATER SURFACE ELEVATION), INCLUDES TRENCHING, SEALED JOINTS, REBAR, 4" CEMENT STABILIZED SAND, AND ALL OTHER APPURTENANCES TO ENSURE LEAK PROOF STRUCTURE, COMPLETE IN PLACE	LF	2190	\$172.45	\$377,665.50	\$148.00	\$324,120.00	\$272.52	\$596,818.80
26	ALL MODIFICATIONS TO EXISTING CONCRETE HARD EDGE SOUTH OF THE PROPOSED EARTHEN WEIR, INCLUDING REMOVAL AND DISPOSAL OF THE EXISTING HARD EDGE AND SLOPE PAVING AND CONSTRUCTION OF LAKE CONCRETE HARD EDGE WALL (4,000 PSI COMPRESSIVE STRENGTH) CONSTRUCTION DETAIL PER PLAN SET (INCLUDES RUBBED FINISH FROM TOP OF WALL TO 18" BELOW WATER SURFACE ELEVATION), INCLUDES TRENCHING, SEALED JOINTS, REBAR, 4" CEMENT STABILIZED SAND, AND ALL OTHER APPURTENANCES TO ENSURE LEAK PROOF STRUCTURE, COMPLETE IN PLACE	LF	477	\$202.65	\$96,664.05	\$156.00	\$74,412.00	\$272.52	\$129,992.04
27	REMOVE AND DISPOSE OF EXISTING PYRAMAT, COMPLETE IN PLACE	SY	2474	\$4.25	\$10,514.50	\$5.00	\$12,370.00	\$7.50	\$18,555.00
28	DEWATERING OF CHANNEL / LAKE BOTTOM AND SIDE SLOPES TO ALLOW FOR EXCAVATION, AS PER DEWATERING TECHNICAL SPECIFICATIONS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	3000	\$20.00	\$60,000.00	\$20.00	\$60,000.00	\$21.00	\$63,000.00

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ITEM	DESCRIPTION	UNIT	QTY	1) HARRIS CONSTRUCTION COMPANY, LLC		2) SOLID BRIDGE CONSTRUCTION		3) LONGHORN EXCAVATORS, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
29	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION EXIT, SVMHCA SPECIFICATION NO. 4711, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	2	\$2,400.00	\$4,800.00	\$7,500.00	\$15,000.00	\$3,300.00	\$6,600.00
30	WATERING OF EXCAVATION MATERIAL DURING TRANSPORT TO DISPOSAL SITE FOR THE DURATION OF PROJECT, TO BE USED FOR DUST CONTROL NEAR ALL EXISTING INFRASTRUCTURE, COMPLETE IN PLACE	WEEK	29	\$750.00	\$21,750.00	\$4,400.00	\$127,600.00	\$600.00	\$17,400.00
31	DEMUCK, SCARIFY, AND PROOF ROLL EXISTING CHANNEL, FOR CONSTRUCTION OF WEIR, COMPLETE IN PLACE	LF	151	\$36.00	\$5,436.00	\$40.00	\$6,040.00	\$69.00	\$10,419.00
32	CONSTRUCTION OF PERMANENT EARTHEN WEIR AND REGRADING EXISTING CHANNEL 4 AMENITY LAKE PHASE 4 USING EXCAVATED SPOILS, INCLUDING NECESSARY BENCHING, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, AS PER GEOTECHNICAL ENGINEER'S RECOMMENDATION, COMPLETE IN PLACE	CY	1988	\$12.00	\$23,856.00	\$8.00	\$15,904.00	\$6.90	\$13,717.20
33	SURFACE WATER CONTROL FOR CONSTRUCTION INCLUDING ANY COFFER DAMS, SHORING OR BYPASS PUMPING REQUIRED FOR WATER MANAGEMENT, COMPLETE IN PLACE	LS	1	\$60,000.00	\$60,000.00	\$40,000.00	\$40,000.00	\$27,900.00	\$27,900.00
34	EXISTING STOCK PILE ADJACENT TO ACCESS ROAD AT FILL SITE TO BE EXCAVATED, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, AS PER GEOTECHNICAL ENGINEER'S RECOMMENDATION, WITHIN FILL AREA, COMPLETE IN PLACE	CY	1760	\$8.25	\$14,520.00	\$5.50	\$9,680.00	\$6.00	\$10,560.00
35	REMOVE AND DISPOSE OF EXISTING LAND MANAGEMENT SWALE STORM SEWER PIPE, INCLUDES REMOVAL AND DISPOSAL OF EXISTING 18" C.G.M.P., EXISTING OUTFALL STRUCTURE AND SLOPE PAVEMENT, COMPLETE IN PLACE	EA	2	\$500.00	\$1,000.00	\$1,600.00	\$3,200.00	\$4,500.00	\$9,000.00
36	ALL MODIFICATIONS TO EXISTING LAND MANAGEMENT SWALES AND RELOCATION OF EXISTING C.G.M.P. PER DETAIL AND LOCATION OF CONSTRUCTION PLAN SHEETS 5 AND 5A, INCLUDES RESTORING THE SITE AND SLOPES BACK TO THE ORIGINAL CONDITION OR BETTER, COMPLETE IN PLACE	EA	2	\$500.00	\$1,000.00	\$6,000.00	\$12,000.00	\$9,600.00	\$19,200.00
37	EXCAVATION OF 3' THICK CLAY LINER AREA FOR PLACEMENT OF CLAY LINER, HAULING, PLACEMENT AND COMPACTION OF EXCAVATED MATERIALS TO BE HAULED USING ON-ROAD TRUCKS TO THE FILL SITE, WITHIN 2.00 MILES OF THE PROJECT, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, AS PER GEOTECHNICAL ENGINEER'S RECOMMENDATION, AS DIRECTED BY THE ENGINEER, (CONTRACTOR TO HAUL ON SIENNA PARKWAY BETWEEN HOURS OF 9:00 A.M. TO 3:00 P.M.) COMPLETE IN PLACE	CY	65980	\$9.60	\$633,408.00	\$12.00	\$791,760.00	\$11.76	\$775,924.80
SIENNA OAKS LAKE PHASE 2 ITEMS (SIENNA MUD NO. 5) SUBTOTAL:					\$3,737,303.75		\$4,785,192.00		\$4,939,428.84
MISCELLANEOUS ITEMS									
1	STANDARD DEDUCT FOR VARIANCE REQUESTS SUBMITTED BY THE ENGINEER ON BEHALF OF THE CONTRACTOR, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	0	-\$1,000.00	\$0.00	-\$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	-\$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	-\$10.00	\$0.00
4	STANDARD DEDUCT FOR DAMAGE TO A TREE MARKED FOR PRESERVATION, (AS DIRECTED BY THE OWNER), COMPLETE IN PLACE	EA	0	-\$1,000.00	\$0.00	-\$1,000.00	\$0.00	-\$1,000.00	\$0.00
MISCELLANEOUS ITEMS SUBTOTAL:					\$0.00		\$0.00		\$0.00
BIDDING SUMMARY									
SUBTOTAL SIENNA OAKS LAKE PHASE 2 ITEMS (SIENNA MUD NO. 5)					\$3,737,303.75		\$4,785,192.00		\$4,939,428.84
SUBTOTAL MISCELLANEOUS ITEMS					\$0.00		\$0.00		\$0.00
TOTAL AMOUNT BASE BID					\$3,737,303.75		\$4,785,192.00		\$4,939,428.84

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4) TLC CONSTRUCTION CONTRACT SERVICES

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
SIENNA OAKS LAKE PHASE 2 ITEMS (SIENNA MUD NO. 5)					
1	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR, PER GENE BAKER, GBI PARTNERS, L.P., 281.499.4539, COMPLETE IN PLACE	LS	1	\$20,000.00	\$20,000.00
2	EXCAVATION OF SIENNA OAKS LAKE PHASE 2 AND ADJACENT STOCKPILE, COMPLETE IN PLACE	CY	240000	\$7.00	\$1,680,000.00
3	HAULING, PLACEMENT AND COMPACTION OF EXCAVATION SPOILS TO BE HAULED USING ON-ROAD TRUCKS TO THE FILL SITE, WITHIN 2.00 MILES OF THE PROJECT, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, AS PER GEOTECHNICAL ENGINEER'S RECOMMENDATION, (CONTRACTOR TO HAUL ON SIENNA PARKWAY BETWEEN HOURS OF 9:00 A.M. TO 3:00 P.M.), COMPLETE IN PLACE	CY	162000	\$22.00	\$3,564,000.00
4	EXCAVATION OF EXISTING EARTHEN WEIR AND EXISTING CHANNEL 4 AMENITY LAKE, COMPLETE IN PLACE	CY	2670	\$5.00	\$13,350.00
5	EXCAVATION SPOILS TO BE USED FOR ONSITE FILL OF EXISTING CHANNEL 4 AND GRADING OF THE PROPOSED SIENNA OAKS LAKE, INCLUDES EXCAVATION, HAULING, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE	CY	78000	\$3.50	\$273,000.00
6	FINAL GRADING OF FILL AREAS, LAKE, HIGH BANK AND MAINTENANCE BERMS TO FINISHED ELEVATIONS PER PLANS, INCLUDES ALL REQUIRED FILL, EXCAVATION AND HAULING, COMPLETE IN PLACE	LS	1	\$112,134.00	\$112,134.00
7	INSTALLATION AND REMOVAL OF TEMPORARY LOW WATER CROSSING FOR CONSTRUCTION OF SIENNA OAKS LAKE, AS NECESSARY, INCLUDES TWO MINIMUM 12" C.G.M.P., REMOVAL AND DISPOSAL OF C.G.M.P., AFTER CONSTRUCTION AND RESTORING THE SITE AND SLOPES BACK TO THE ORIGINAL CONDITION OR BETTER (SEE LOW WATER CROSSING DETAILS), COMPLETE IN PLACE	EA	2	\$4,861.00	\$9,722.00
8	CITY OF MISSOURI CITY (COMC) CONSTRUCTION PERMIT, (PERCENT OF CONSTRUCTION COSTS), COMPLETE IN PLACE	LS	1	\$109,375.00	\$109,375.00
9	REQUIRED FORT BEND COUNTY ROW PERMIT, COMPLETE IN PLACE	LS	1	\$37,500.00	\$37,500.00
10	REQUIRED FORT BEND COUNTY DRIVEWAY PERMIT, COMPLETE IN PLACE	LS	1	\$6,875.00	\$6,875.00
11	REQUIRED FORT BEND COUNTY FILL PERMIT, COMPLETE IN PLACE	LS	1	\$1,250.00	\$1,250.00
12	RESTORATION OF EXISTING HIGH BANKS OF MAIN CHANNEL AND CHANNEL 4 AMENITY LAKE PHASE 4 TO EXISTING CONDITIONS OR BETTER, INCLUDES GRADING, COMPACTION AND ALL OTHER NECESSARY METHODS FOR RESTORATION, COMPLETE IN PLACE	LS	1	\$11,765.00	\$11,765.00
13	DEMUCK, SCARIFY, AND PROOF ROLL EXISTING CHANNEL, AND EAST-WEST DITCH BEFORE GRADING OF PROPOSED SIENNA OAKS LAKE, COMPLETE IN PLACE	LF	3560	\$21.00	\$74,760.00
14	TEMPORARY TRAFFIC CONTROL, COMPLETE IN PLACE	LS	1	\$89,018.00	\$89,018.00
15	ALL MODIFICATIONS TO EXISTING 8' X 4' OUTFALL, INCLUDING REMOVAL AND DISPOSAL OF THE EXISTING PIPE, OUTFALL STRUCTURE AND SLOPE PAVING, EXPOSURE OF OUTFALL PIPE, WRAPPING THE PIPE IN 3' OF CLAY, CONSTRUCTION OF THE OUTFALL STRUCTURE AND SLOPE PAVING AS PER DETAIL, AND ALL OTHER APPURTENANCES PER PLAN SET, COMPLETE IN PLACE	LS	1	\$14,050.00	\$14,050.00
16	ALL MODIFICATIONS TO EXISTING 42' OUTFALL INCLUDING REMOVAL AND DISPOSAL OF THE EXISTING PIPE, OUTFALL STRUCTURE AND SLOPE PAVING, EXPOSURE OF OUTFALL PIPE, WRAPPING THE PIPE IN 3' OF CLAY, CONSTRUCTION OF THE OUTFALL STRUCTURE AND SLOPE PAVING AS PER DETAIL, AND ALL OTHER APPURTENANCES PER PLAN SET, COMPLETE IN PLACE	LS	1	\$19,331.00	\$19,331.00

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4) TLC CONSTRUCTION CONTRACT SERVICES

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
17	ALL MODIFICATIONS TO EXISTING 48" OUTFALL INCLUDING REMOVAL AND DISPOSAL OF THE EXISTING PIPE, OUTFALL STRUCTURE, SLOPE PAVING, AND 35 LF OF PIPE, EXPOSURE OF OUTFALL PIPE, WRAPPING THE PIPE IN 3' OF CLAY, CONSTRUCTION OF THE OUTFALL STRUCTURE AND SLOPE PAVING AS PER DETAIL, AND ALL OTHER APPURTENANCES PER PLAN SET, COMPLETE IN PLACE	LS	1	\$25,444.00	\$25,444.00
18	42" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	92	\$352.00	\$32,384.00
19	48" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	106	\$390.00	\$41,340.00
20	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$7,268.00	\$7,268.00
21	TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$8,603.00	\$8,603.00
22	FILL OF SIENNA OAKS LAKE CLAY LINER. INCLUDES EXCAVATION OF MATERIAL SUITABLE FOR LAKE LINING FROM SITE, FILLING IN MAXIMUM 8" LIFTS UNTIL 3" THICK (MIN.), AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, TO BE DONE ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	72580	\$5.00	\$362,900.00
23	WATERING CLAY LINER TO INSURE THAT LINER MAINTAINS MOISTURE REQUIREMENTS DICTATED, INCLUDES WATERING TRUCK, TEMPORARY IRRIGATION SYSTEM, OR ANY MEANS NECESSARY TO KEEP CLAY MOIST, COMPLETE IN PLACE	WEEK	30	\$11,866.00	\$355,980.00
24	4" CEMENT STABILIZED SAND SHELF, COMPLETE IN PLACE	SY	4450	\$11.00	\$48,950.00
25	SIENNA OAKS LAKE PROPOSED CONCRETE HARD EDGE WALL (4,000 PSI COMPRESSIVE STRENGTH), CONSTRUCTION DETAIL PER PLAN SET (INCLUDES RUBBED FINISH FROM TOP OF WALL TO 18" BELOW WATER SURFACE ELEVATION), INCLUDES TRENCHING, SEALED JOINTS, REBAR, 4" CEMENT STABILIZED SAND, AND ALL OTHER APPURTENANCES TO ENSURE LEAK PROOF STRUCTURE, COMPLETE IN PLACE	LF	2190	\$366.00	\$801,540.00
26	ALL MODIFICATIONS TO EXISTING CONCRETE HARD EDGE SOUTH OF THE PROPOSED EARTHEN WEIR, INCLUDING REMOVAL AND DISPOSAL OF THE EXISTING HARD EDGE AND SLOPE PAVING AND CONSTRUCTION OF LAKE CONCRETE HARD EDGE WALL (4,000 PSI COMPRESSIVE STRENGTH) CONSTRUCTION DETAIL PER PLAN SET (INCLUDES RUBBED FINISH FROM TOP OF WALL TO 18" BELOW WATER SURFACE ELEVATION), INCLUDES TRENCHING, SEALED JOINTS, REBAR, 4" CEMENT STABILIZED SAND, AND ALL OTHER APPURTENANCES TO ENSURE LEAK PROOF STRUCTURE, COMPLETE IN PLACE	LF	477	\$384.00	\$183,168.00
27	REMOVE AND DISPOSE OF EXISTING PYRAMAT, COMPLETE IN PLACE	SY	2474	\$4.00	\$9,896.00
28	DEWATERING OF CHANNEL / LAKE BOTTOM AND SIDE SLOPES TO ALLOW FOR EXCAVATION, AS PER DEWATERING TECHNICAL SPECIFICATIONS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	3000	\$20.00	\$60,000.00

BID TABULATION FOR:

CONSTRUCTION OF THE SIENNA OAKS LAKE PHASE 2
 SIENNA MUNICIPAL UTILITY DISTRICT NO. 5
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
 JULY 19, 2022
 LJA ENGINEERING, INC.
 D. FORREST
 JULY 19, 2022
 1415-2002 (9.2)

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

4) TLC CONSTRUCTION CONTRACT SERVICES

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
29	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	2	\$4,063.00	\$8,126.00
30	WATERING OF EXCAVATION MATERIAL DURING TRANSPORT TO DISPOSAL SITE FOR THE DURATION OF PROJECT, TO BE USED FOR DUST CONTROL NEAR ALL EXISTING INFRASTRUCTURE, COMPLETE IN PLACE	WEEK	29	\$4,691.00	\$136,039.00
31	DEMUCK, SCARIFY, AND PROOF ROLL EXISTING CHANNEL, FOR CONSTRUCTION OF WEIR, COMPLETE IN PLACE	LF	151	\$10.00	\$1,510.00
32	CONSTRUCTION OF PERMANENT EARTHEN WEIR AND REGRADING EXISTING CHANNEL 4 AMENITY LAKE PHASE 4 USING EXCAVATED SPOILS, INCLUDING NECESSARY BENCHING, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, AS PER GEOTECHNICAL ENGINEER'S RECOMMENDATION, COMPLETE IN PLACE	CY	1988	\$7.00	\$13,916.00
33	SURFACE WATER CONTROL FOR CONSTRUCTION INCLUDING ANY COFFER DAMS, SHORING OR BYPASS PUMPING REQUIRED FOR WATER MANAGEMENT, COMPLETE IN PLACE	LS	1	\$8,955.00	\$8,955.00
34	EXISTING STOCK PILE ADJACENT TO ACCESS ROAD AT FILL SITE TO BE EXCAVATED, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, AS PER GEOTECHNICAL ENGINEER'S RECOMMENDATION, WITHIN FILL AREA, COMPLETE IN PLACE	CY	1760	\$8.00	\$14,080.00
35	REMOVE AND DISPOSE OF EXISTING LAND MANAGEMENT SWALE STORM SEWER PIPE, INCLUDES REMOVAL AND DISPOSAL OF EXISTING 18" C.G.M.P., EXISTING OUTFALL STRUCTURE AND SLOPE PAVEMENT, COMPLETE IN PLACE	EA	2	\$1,454.00	\$2,908.00
36	ALL MODIFICATIONS TO EXISTING LAND MANAGEMENT SWALES AND RELOCATION OF EXISTING C.G.M.P. PER DETAIL AND LOCATION OF CONSTRUCTION PLAN SHEETS 5 AND 5A, INCLUDES RESTORING THE SITE AND SLOPES BACK TO THE ORIGINAL CONDITION OR BETTER, COMPLETE IN PLACE	EA	2	\$1,191.00	\$2,382.00
37	EXCAVATION OF 3' THICK CLAY LINER AREA FOR PLACEMENT OF CLAY LINER, HAULING, PLACEMENT AND COMPACTION OF EXCAVATED MATERIALS TO BE HAULED USING ON-ROAD TRUCKS TO THE FILL SITE, WITHIN 2.00 MILES OF THE PROJECT, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, AS PER GEOTECHNICAL ENGINEER'S RECOMMENDATION, AS DIRECTED BY THE ENGINEER, (CONTRACTOR TO HAUL ON SIENNA PARKWAY BETWEEN HOURS OF 9:00 A.M. TO 3:00 P.M.) COMPLETE IN PLACE	CY	65980	\$30.00	\$1,979,400.00

SIENNA OAKS LAKE PHASE 2 ITEMS (SIENNA MUD NO. 5) SUBTOTAL: \$10,140,919.00

MISCELLANEOUS ITEMS

1	STANDARD DEDUCT FOR VARIANCE REQUESTS SUBMITTED BY THE ENGINEER ON BEHALF OF THE CONTRACTOR, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	0	-\$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
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
4	STANDARD DEDUCT FOR DAMAGE TO A TREE MARKED FOR PRESERVATION, (AS DIRECTED BY THE OWNER), COMPLETE IN PLACE	EA	0	-\$1,000.00	\$0.00

MISCELLANEOUS ITEMS SUBTOTAL: \$0.00

BIDDING SUMMARY

SUBTOTAL SIENNA OAKS LAKE PHASE 2 ITEMS (SIENNA MUD NO. 5)	\$10,140,919.00
SUBTOTAL MISCELLANEOUS ITEMS	\$0.00
TOTAL AMOUNT BASE BID	\$10,140,919.00