

BID TABULATION FOR:

CONSTRUCTION OF HERITAGE PARK DRIVE OVER CHANNEL 3
SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 6
CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
FEBRUARY 14, 2020
LJA ENGINEERING, INC.
P.CHATTERJEE
FEBRUARY 17, 2020
1416-1703A & 1416-1703B (9.2)

BID OPENING DATE:
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LJA JOB NO.

BIDDER'S NAME	TOTAL AMOUNT BID
1) HARRIS CONSTRUCTION COMPANY, LTD.	\$2,414,471.65
2) ARANDA BROTHERS CONSTRUCTION CO., INC	\$2,430,158.10
3) NBG CONSTRUCTORS, INC.	\$2,851,356.90
4) WADECON, LLC	\$3,109,214.00
5) HARPER BROTHERS CONSTRUCTION, LLC	\$3,570,800.35

CALENDAR DAYS 180/220

LJA Engineering, Inc.



Amanda Carriage
2/17/20

Amanda Carriage

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

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ITEM	DESCRIPTION	UNIT	QTY	1) HARRIS CONSTRUCTION COMPANY, LTD.		ARANDA BROTHERS CONSTRUCTION CO., IN		3) NBG CONSTRUCTORS, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER DISTRIBUTION SYSTEM ITEMS (SIENNA PLANTATION M.U.D. NO. 6)									
1	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR PER GENE BAKER, GBI PARTNERS, LP, 281.499.4539, COMPLETE IN PLACE	LS	1	\$9,600.00	\$9,600.00	\$9,600.00	\$9,600.00	\$9,600.00	\$9,600.00
2	16" PVC WATER LINE, C-905, DR 18, CL 235, ALL DEPTHS, COMPLETE IN PLACE	LF	530	\$50.00	\$26,500.00	\$36.50	\$19,345.00	\$62.00	\$32,860.00
3	8" PVC WATER LINE, C-900, DR 18, CL 235, ALL DEPTHS, COMPLETE IN PLACE	LF	121	\$22.75	\$2,752.75	\$19.00	\$2,299.00	\$60.00	\$7,260.00
4	8" PVC WATER RE-USE LINE, C-900, DR 18, CL 235 (PURPLE PIPE), ALL DEPTHS, COMPLETE IN PLACE	LF	520	\$24.00	\$12,480.00	\$18.00	\$9,360.00	\$35.00	\$18,200.00
5	REMOVAL OF EXISTING 16" PLUG & CLAMP AND BLOW OFF VALVE AND CONNECT PROPOSED 16" WATER LINE, COMPLETE IN PLACE	EA	1	\$1,150.00	\$1,150.00	\$1,850.00	\$1,850.00	\$850.00	\$850.00
6	REMOVAL OF EXISTING 8" PLUG & CLAMP AND BLOW OFF VALVE AND CONNECT PROPOSED 8" WATER RE-USE LINE, COMPLETE IN PLACE	EA	1	\$300.00	\$300.00	\$1,350.00	\$1,350.00	\$250.00	\$250.00
7	16" WELDED STEEL WATER PIPE, ALL DEPTHS INCLUDES ALL FITTINGS AND ADAPTERS, PIPE HANGERS FOR BRIDGE AND ALL OTHER NECESSARY APPURTENANCES, COMPLETE IN PLACE	LF	250	\$335.00	\$83,750.00	\$275.00	\$68,750.00	\$275.00	\$68,750.00
8	8" WELDED STEEL WATER PIPE, ALL DEPTHS INCLUDES ALL FITTINGS AND ADAPTERS, PIPE HANGERS FOR BRIDGE AND ALL OTHER NECESSARY APPURTENANCES, COMPLETE IN PLACE	LF	250	\$225.00	\$56,250.00	\$185.00	\$46,250.00	\$220.00	\$55,000.00
9	AIR RELEASE VALVE FOR 16" WELDED STEEL WATER LINE, INCLUDES ACCESS PANEL, FITTINGS AND ALL OTHER APPURTENANCES, PAINTED TO MATCH SIDEWALK, COMPLETE IN PLACE	EA	2	\$3,000.00	\$6,000.00	\$2,750.00	\$5,500.00	\$3,000.00	\$6,000.00
10	AIR RELEASE VALVE, FOR 8" WELDED STEEL WATER LINE, INCLUDES ACCESS PANEL, FITTINGS AND ALL OTHER APPURTENANCES PAINTED TO MATCH SIDEWALK, COMPLETE IN PLACE	EA	2	\$2,800.00	\$5,600.00	\$2,500.00	\$5,000.00	\$3,000.00	\$6,000.00
11	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD, AND FLUSHING VALVE, COMPLETE IN PLACE	EA	2	\$5,675.00	\$11,350.00	\$8,500.00	\$17,000.00	\$1,800.00	\$3,600.00
12	CAST IRON FITTINGS, COMPLETE IN PLACE	TON	0.97	\$6,500.00	\$6,305.00	\$6,500.00	\$6,305.00	\$2,500.00	\$2,425.00
13	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1200	\$1.00	\$1,200.00	\$1.00	\$1,200.00	\$1.30	\$1,560.00
14	16" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	2	\$10,250.00	\$20,500.00	\$9,500.00	\$19,000.00	\$9,500.00	\$19,000.00
15	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	3	\$1,100.00	\$3,300.00	\$3,500.00	\$10,500.00	\$1,500.00	\$4,500.00
16	8" PLUG AND CLAMP, COMPLETE IN PLACE	EA	3	\$200.00	\$600.00	\$650.00	\$1,950.00	\$600.00	\$1,800.00
17	16" PLUG AND CLAMP, COMPLETE IN PLACE	EA	2	\$1,200.00	\$2,400.00	\$750.00	\$1,500.00	\$600.00	\$1,200.00
18	2" BLOW OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	4	\$700.00	\$2,800.00	\$1,050.00	\$4,200.00	\$1,000.00	\$4,000.00
WATER DISTRIBUTION SYSTEM ITEMS (SIENNA PLANTATION M.U.D. NO. 6) SUBTOTAL:					\$252,837.75		\$230,959.00		\$242,855.00
DRAINAGE FACILITIES ITEMS (SIENNA PLANTATION M.U.D. NO. 6)									
1	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	219	\$72.00	\$15,768.00	\$75.00	\$16,425.00	\$120.00	\$26,280.00
2	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS	LF	134	\$88.00	\$11,792.00	\$95.00	\$12,730.00	\$140.00	\$18,760.00
3	30" C.G.M.P. STORM SEWER, 14 GAUGE, ASTM A742 STANDARD, ALL DEPTHS, COMPLETE IN PLACE	LF	150	\$97.00	\$14,550.00	\$65.00	\$9,750.00	\$130.00	\$19,500.00

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1) HARRIS CONSTRUCTION COMPANY, LTD. ARANDA BROTHERS CONSTRUCTION CO., IN 3) NBG CONSTRUCTORS, INC.

ITEM	DESCRIPTION	UNIT	QTY	1) HARRIS CONSTRUCTION COMPANY, LTD.		ARANDA BROTHERS CONSTRUCTION CO., IN		3) NBG CONSTRUCTORS, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4	STAGE I – 10' PRECAST CURB INLET, (ALL DEPTHS), (INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLET), COMPLETE IN PLACE	EA	4	\$995.00	\$3,980.00	\$1,950.00	\$7,800.00	\$2,000.00	\$8,000.00
5	STAGE II – 10' PRECAST CURB INLET, (ALL DEPTHS), (INCLUDES TEMPORARY SAND FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	4	\$2,275.00	\$9,100.00	\$1,650.00	\$6,600.00	\$2,600.00	\$10,400.00
6	CITY OF MISSOURI CITY (COMC) CONSTRUCTION PERMIT FOR CONSTRUCTION (PERCENTAGE OF CONSTRUCTION COSTS AS REQUIRED BY COMC), COMPLETE IN PLACE	LS	1	\$25,000.00	\$25,000.00	\$250.00	\$250.00	\$30,000.00	\$30,000.00
7	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	503	\$1.00	\$503.00	\$1.00	\$503.00	\$2.00	\$1,006.00
8	WATER, SANITARY SEWER, AND STORM SEWER UTILITY SPOIL TO BE USED FOR ONSITE ROADWAY FILL, INCLUDES EXCAVATION, HAULING, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE	CY	932	\$3.00	\$2,796.00	\$10.00	\$9,320.00	\$5.00	\$4,660.00
9	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$3,650.00	\$14,600.00	\$3,250.00	\$13,000.00	\$4,000.00	\$16,000.00
10	FINAL ADJUSTMENT OF EXISTING MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	4	\$200.00	\$800.00	\$500.00	\$2,000.00	\$650.00	\$2,600.00
11	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	1	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00
12	OVERFLOW DRAINAGE SWALE, CHANNEL LOCK OR APPROVED EQUAL, 3:1 SIDE SLOPES, 2' BOTTOM WIDTH, INCLUDES EXCAVATION HAULING, GRADING, COMPACTION AT 95% STANDARD PROCTOR DENSITY, AND HYDROMULCH SEEDING AS PER SWMHCA SPECIFICATION NO. 4241 (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	245	\$215.00	\$52,675.00	\$165.00	\$40,425.00	\$300.00	\$73,500.00
13	COFFER DAM OR BLADDER AND TEMPORARY BYPASS PUMPING FOR DURATION OF PROJECT, INCLUDES INSTALLATION AND REMOVAL UPON COMPLETION, COMPLETE IN PLACE	LS	1	\$5,000.00	\$5,000.00	\$35,000.00	\$35,000.00	\$5,000.00	\$5,000.00
14	36" CGMP STORM SEWER OUTFALL STRUCTURE, INCLUDES 5' TOE ALONG FLOWLINE OF CHANNEL, 2' TOE ALONG ALL OTHER SIDES, 3:1 SET, INCLUDES 4" SLOPE PAVING, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$4,500.00	\$4,500.00	\$4,500.00	\$4,500.00	\$35,000.00	\$35,000.00
15	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	503	\$30.00	\$15,090.00	\$35.00	\$17,605.00	\$31.00	\$15,593.00
16	ADDITIONAL COST FOR MISSOURI CITY MODIFIED "A-A" STORM SEWER BEDDING, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	503	\$20.00	\$10,060.00	\$15.00	\$7,545.00	\$25.00	\$12,575.00
17	REMOVE AND DISPOSE OF EXISTING BACKSLOPE INTERCEPTOR STRUCTURE, INCLUDES REMOVAL OF SLOPE PAVING, 24" CGMP, EXISTING OUTFALL STRUCTURE AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	EA	1	\$750.00	\$750.00	\$1,000.00	\$1,000.00	\$3,000.00	\$3,000.00
18	PROPOSED BACKSLOPE INTERCEPTOR STRUCTURE, INCLUDES CONCRETE SLOPE PAVEMENT, AND ALL OTHER APPURTENANCES, AS PER COMC DETAIL MC-4-15, INCLUDES INSTALLATION AND MAINTENANCE OF INLET PROTECTION BARRIERS, COMPLETE IN PLACE	EA	2	\$10,850.00	\$21,700.00	\$4,500.00	\$9,000.00	\$25,000.00	\$50,000.00

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3) NBG CONSTRUCTORS, INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
19	REGRADE OF EXISTING SWALE ALONG HIGHBANK OF CHANNEL, AS PER GRADING PLAN, 3:1 SIDE SLOPES, "V" BOTTOM, INCLUDES EXCAVATION, HAULING, GRADING, HYDROMULCH SEEDING PER SWMHCA SPECIFICATION NO. 4241 (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	279	\$8.00	\$2,232.00	\$65.00	\$18,135.00	\$7.00	\$1,953.00
DRAINAGE FACILITIES ITEMS (SIENNA PLANTATION M.U.D. NO. 6) SUBTOTAL:					\$212,396.00		\$213,088.00		\$335,827.00
BRIDGE ITEMS (SIENNA PLANTATION M.U.D. NO. 6)									
1	36" DIAMETER DRILLED SHAFTS, COMPLETE IN PLACE	LF	1042	\$298.00	\$310,516.00	\$245.00	\$255,290.00	\$450.00	\$468,900.00
2	18" DIAMETER DRILLED SHAFTS, COMPLETE IN PLACE	LF	140	\$95.00	\$13,300.00	\$165.00	\$23,100.00	\$150.00	\$21,000.00
3	CLASS "C" CONCRETE – ABUTMENTS, COMPLETE IN PLACE	CY	76.8	\$745.00	\$57,216.00	\$975.00	\$74,880.00	\$1,200.00	\$92,160.00
4	CLASS "C" CONCRETE – BENT, COMPLETE IN PLACE	CY	97.2	\$1,250.00	\$121,500.00	\$1,100.00	\$106,920.00	\$1,200.00	\$116,640.00
5	REINFORCED CONCRETE SLAB (8.5"), COMPLETE IN PLACE	SF	13440	\$17.00	\$228,480.00	\$15.50	\$208,320.00	\$20.00	\$268,800.00
6	PRESTRESSED CONCRETE GIRDERS – TX34, COMPLETE IN PLACE	LF	1907.83	\$160.00	\$305,252.80	\$220.00	\$419,722.60	\$180.00	\$343,409.40
7	CLASS "S" CONCRETE – BRIDGE SIDEWALK, COMPLETE IN PLACE	SF	4800	\$12.00	\$57,600.00	\$7.50	\$36,000.00	\$7.00	\$33,600.00
8	INSTALLATION AND REMOVAL OF TEMPORARY LOW PROFILE TRAFFIC BARRIER, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	700	\$105.00	\$73,500.00	\$20.00	\$14,000.00	\$20.00	\$14,000.00
9	SEALED EXPANSION JOINT – 4", COMPLETE IN PLACE	LF	86	\$125.00	\$10,750.00	\$115.00	\$9,890.00	\$125.00	\$10,750.00
10	SLOPE PAVING – 5" CONCRETE, CLASS "B", COMPLETE IN PLACE	CY	258	\$275.00	\$70,950.00	\$385.00	\$99,330.00	\$450.00	\$116,100.00
11	BRIDGE SIDEWALK EXPANSION JOINT COVER PLATE, INCLUDES ALL NECESSARY APPURTENANCES, COMPLETE IN PLACE	LB	517	\$25.00	\$12,925.00	\$15.00	\$7,755.00	\$12.00	\$6,204.00
12	INSTALLATION AND REMOVAL OF TEMPORARY LOW WATER CROSSING FOR CONSTRUCTION OF BRIDGE OVER CHANNEL 3, INCLUDES TWO 36" C.G.M.P. OR APPROVED EQUAL, REMOVAL AND DISPOSAL OF 36" C.G.M.P. AFTER CONSTRUCTION AND RESTORING THE SITE AND SLOPES BACK TO ORIGINAL CONDITION OR BETTER, (SEE LOW WATER CROSSING DETAIL ON EROSION CONTROL SHEET IN THE CONSTRUCTION PLAN SET), COMPLETE IN PLACE	EA	1	\$25,000.00	\$25,000.00	\$58,500.00	\$58,500.00	\$100,000.00	\$100,000.00
13	BRIDGE FILL AND GRADING AS PER PROPOSED GRADING ELEVATION INCLUDES TRANSITIONING FROM SLOPE PAVEMENT TO EXISTING NATURAL GROUND AT 3:1 SLOPE. (SEE GRADING LAYOUT IN THE CONSTRUCTION PLAN SET), COMPLETE IN PLACE	LS	1	\$5,000.00	\$5,000.00	\$25,500.00	\$25,500.00	\$5,000.00	\$5,000.00
14	DEWATERING OF CHANNEL BOTTOM FOR CONSTRUCTION OF BRIDGE (INCLUDES VACUUM WELLS, DEEP WELLS OR ANY OTHER MECHANICAL MEANS NECESSARY TO DEWATER SITE), COMPLETE IN PLACE	LF	220	\$25.00	\$5,500.00	\$20.00	\$4,400.00	\$20.00	\$4,400.00
15	HEAVILY WOODED CLEARING AND GRUBBING OF ACCESS ROAD, INCLUDES REMOVAL OF ALL STUMPS AND ROOTS, EXCAVATION OF BURN PITS, BURNING OF CLEARING DEBRIS OUTSIDE THE BOUNDARY OF SIENNA PLANTATION DEVELOPMENT, CLEAN OUT OF BURN PITS, BACKFILL OF BURN PITS TO 95% STANDARD PROCTOR DENSITY IN MAXIMUM 8" LIFTS (ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	1	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$12,000.00	\$12,000.00
16	STRIPPING OF PROJECT SITE INCLUDES FILL AREAS, REGRADED AREAS, TRANSITIONS, EXCAVATION LOW WATER CROSSING AND ANY OTHER ASSOCIATED AREAS WITHIN THE PROJECT SCOPE OF WORK, ALL CLEARING DEBRIS TO BE REMOVED AND DISPOSED OF OUTSIDE THE LIMITS OF SIENNA PLANTATION DEVELOPMENT, COMPLETE IN PLACE	AC	0.5	\$2,000.00	\$1,000.00	\$5,500.00	\$2,750.00	\$6,000.00	\$3,000.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
17	CLASS "S" CONCRETE – APPROACH SLAB, INCLUDES APPROACH AND SLEEPER SLAB, CONCRETE PAVING AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	CY	147	\$475.00	\$69,825.00	\$470.00	\$69,090.00	\$525.00	\$77,175.00
18	CEMENT STABILIZED ABUTMENT BACKFILL , COMPLETE IN PLACE	CY	307	\$60.00	\$18,420.00	\$55.00	\$16,885.00	\$70.00	\$21,490.00
19	CLASS "C" CONCRETE – RAIL FOUNDATION, COMPLETE IN PLACE	CY	12.9	\$875.00	\$11,287.50	\$950.00	\$12,255.00	\$1,200.00	\$15,480.00
20	VEHICULAR RAIL AS PER DETAIL, INCLUDES INSTALLATION AND MATERIALS, COMPLETE IN PLACE	LF	700	\$240.00	\$168,000.00	\$205.00	\$143,500.00	\$225.00	\$157,500.00
21	PEDESTRIAN RAIL AS PER DETAIL ON SHEET 43, INCLUDES INSTALLATION AND MATERIALS, COMPLETE IN PLACE	LF	700	\$150.00	\$105,000.00	\$175.00	\$122,500.00	\$175.00	\$122,500.00
22	PRECAST COLUMN CAPS AS PER DETAIL ON SHEET 43, INCLUDES INSTALLATION AND MATERIALS, COMPLETE IN PLACE	EA	4	\$800.00	\$3,200.00	\$1,550.00	\$6,200.00	\$2,000.00	\$8,000.00
23	CMU PEDESTRIAN RAIL COLUMNS AS PER DETAIL ON SHEET 43, INCLUDES CMU UNITS, GROUT, REBAR AND ANY APPURTENANCES AS PER CONSTRUCTION PLANS, COMPLETE IN PLACE	EA	4	\$1,800.00	\$7,200.00	\$5,500.00	\$22,000.00	\$3,500.00	\$14,000.00
24	BRICK COLUMN VENEER AS PER DETAIL ON SHEET 43, INCLUDES INSTALLATION AND MATERIALS, COMPLETE IN PLACE	EA	4	\$2,000.00	\$8,000.00	\$4,000.00	\$16,000.00	\$1,000.00	\$4,000.00
25	REMOVE AND RELOCATE EXISTING TEMPORARY LOW WATER CROSSING ALONG CHANNEL 3 AS SHOWN ON GRADING PLAN, INCLUDES TWO 36" CGMP OR APPROVED EQUAL, COMPLETE IN PLACE	EA	1	\$25,000.00	\$25,000.00	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00
26	FORT BEND COUNTY CONSTRUCTION COMPLETION AND FINAL ACCEPTANCE INSPECTION FEES, COMPLETE IN PLACE	LS	1	\$1,000.00	\$1,000.00	\$5,500.00	\$5,500.00	\$1,500.00	\$1,500.00
27	PROVIDE SUBDIVISION BOND IN THE AMOUNT OF \$431,491.80, COMPLETE IN PLACE	LS	1	\$34,000.00	\$34,000.00	\$6,250.00	\$6,250.00	\$4,500.00	\$4,500.00
28	TEMPORARY TRAFFIC CONTROL, INCLUDING FLAGMEN, BARRELS, ETC., COMPLETE IN PLACE	LS	1	\$5,000.00	\$5,000.00	\$3,500.00	\$3,500.00	\$5,000.00	\$5,000.00
BRIDGE ITEMS (SIENNA PLANTATION M.U.D. NO. 6) SUBTOTAL:					\$1,761,922.30		\$1,782,537.60		\$2,057,108.40
PAVING IMPROVEMENT ITEMS (SIENNA PLANTATION M.U.D. NO. 6)									
1	7" REINFORCED CONCRETE PAVEMENT POURED FULL-WIDTH WHERE APPLICABLE, (MISSOURI CITY SPECIFICATIONS), COMPLETE IN PLACE	SY	2410	\$47.00	\$113,270.00	\$40.50	\$97,605.00	\$50.00	\$120,500.00
2	6" REINFORCED CONCRETE CURB, (MISSOURI CITY SPECIFICATIONS), COMPLETE IN PLACE	LF	1596	\$3.35	\$5,346.60	\$7.00	\$11,172.00	\$3.00	\$4,788.00
3	6" LIME STABILIZED SUBGRADE, (MISSOURI CITY SPECIFICATIONS), COMPLETE IN PLACE	SY	2766	\$4.75	\$13,138.50	\$5.00	\$13,830.00	\$3.50	\$9,681.00
4	LIME FOR SUBGRADE PREPARATION, (8% BY WEIGHT, 44 LBS/SY), (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	TON	60.9	\$225.00	\$13,702.50	\$190.00	\$11,571.00	\$210.00	\$12,789.00
5	PERMANENT TRAFFIC CONTROL DEVICES AS PER TRAFFIC CONTROL PLAN AND COMC STANDARDS, INCLUDING TRAFFIC BUTTONS, STREET SIGNS, STOP SIGNS, PAVEMENT STRIPING, MARKER, ETC., COMPLETE IN PLACE	LS	1	\$2,800.00	\$2,800.00	\$1,500.00	\$1,500.00	\$3,500.00	\$3,500.00
6	4" SQUARE DOUBLE REFLECTORIZED BLUE TRAFFIC BUTTON FOR FIRE HYDRANT LOCATION, COMPLETE IN PLACE	EA	2	\$16.00	\$32.00	\$50.00	\$100.00	\$15.00	\$30.00
7	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	1	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$3,000.00	\$3,000.00

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CONSTRUCTION OF HERITAGE PARK DRIVE OVER CHANNEL 3
 SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 6
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
 FEBRUARY 14, 2020
 LJA ENGINEERING, INC.
 P.CHATTERJEE
 FEBRUARY 17, 2020
 1416-1703A & 1416-1703B (9.2)

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

1) HARRIS CONSTRUCTION COMPANY, LTD. ARANDA BROTHERS CONSTRUCTION CO., IN

3) NBG CONSTRUCTORS, INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
8	CONNECT PROPOSED 7" PAVEMENT TO EXISTING 7" PAVEMENT, COMPLETE IN PLACE	LF	37	\$30.00	\$1,110.00	\$20.00	\$740.00	\$35.00	\$1,295.00
9	REMOVAL TYPE III BARRICADE, ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	1	\$200.00	\$200.00	\$1,000.00	\$1,000.00	\$150.00	\$150.00
10	FINAL GRADING OF ROADWAY AND ALL RESERVES, COMPLETE IN PLACE	LS	1	\$7,250.00	\$7,250.00	\$2,500.00	\$2,500.00	\$6,000.00	\$6,000.00
11	COMMON ROADWAY 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	615	\$5.00	\$3,075.00	\$8.00	\$4,920.00	\$8.00	\$4,920.00
12	FILL OF ROADWAY APPROACH USING ADJACENT STOCKPILE, INCLUDES EXCAVATION, HAULING, PLACE AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, (INCLUDES 30% COMPACTION FACTOR), COMPLETE IN PLACE	CY	2305	\$4.00	\$9,220.00	\$11.00	\$25,355.00	\$8.00	\$18,440.00
13	TYPE III BARRICADE, ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	3	\$1,150.00	\$3,450.00	\$950.00	\$2,850.00	\$1,300.00	\$3,900.00
14	ADDITIONAL 6" LIME STABILIZED SUBGRADE (MISSOURI CITY SPECIFICATIONS) TO BE USED FOR UNSTABLE SOIL CONDITIONS, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	2766	\$1.50	\$4,149.00	\$4.00	\$11,064.00	\$3.00	\$8,298.00
15	ADDITIONAL LIME FOR SUBGRADE PREPARATION (8% BY WEIGHT) (44 LBS/YD), TO BE USED AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	TON	60.9	\$80.00	\$4,872.00	\$185.00	\$11,266.50	\$195.00	\$11,875.50
16	WHEELCHAIR RAMPS AS PER COMC DETAIL, ALL SIZES, INCLUDING TRUNCATED DOME PAVER AS NOTED IN THE CONSTRUCTION PLAN SET	EA	4	\$1,050.00	\$4,200.00	\$1,650.00	\$6,600.00	\$1,600.00	\$6,400.00
PAVING IMPROVEMENT ITEMS (SIENNA PLANTATION M.U.D. NO. 6) SUBTOTAL:					\$187,315.60		\$203,573.50		\$215,566.50
MISCELLANEOUS ITEMS									
1	STANDARD DEDUCT FOR VARIANCE REQUESTS SUBMITTED BY 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	-\$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 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	-\$1,000.00	\$0.00
MISCELLANEOUS ITEMS SUBTOTAL:					\$0.00		\$0.00		\$0.00
BIDDING SUMMARY									
SUBTOTAL WATER DISTRIBUTION SYSTEM ITEMS (SIENNA PLANTATION M.U.D. NO. 6)					\$252,837.75		\$230,959.00		\$242,855.00
SUBTOTAL DRAINAGE FACILITIES ITEMS (SIENNA PLANTATION M.U.D. NO. 6)					\$212,396.00		\$213,088.00		\$335,827.00
SUBTOTAL BRIDGE ITEMS (SIENNA PLANTATION M.U.D. NO. 6)					\$1,761,922.30		\$1,782,537.60		\$2,057,108.40
SUBTOTAL PAVING IMPROVEMENT ITEMS (SIENNA PLANTATION M.U.D. NO. 6)					\$187,315.60		\$203,573.50		\$215,566.50
SUBTOTAL MISCELLANEOUS ITEMS					\$0.00		\$0.00		\$0.00
TOTAL AMOUNT BASE BID					\$2,414,471.65		\$2,430,158.10		\$2,851,356.90

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 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
 FEBRUARY 14, 2020
 LJA ENGINEERING, INC.
 P.CHATTERJEE
 FEBRUARY 17, 2020
 1416-1703A & 1416-1703B (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) WADECON, LLC		5) HARPER BROTHERS CONSTRUCTION, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER DISTRIBUTION SYSTEM ITEMS (SIENNA PLANTATION M.U.D. NO. 6)							
1	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR PER GENE BAKER, GBI PARTNERS, LP, 281.499.4539, COMPLETE IN PLACE	LS	1	\$20,000.00	\$20,000.00	\$9,600.00	\$9,600.00
2	16" PVC WATER LINE, C-905, DR 18, CL 235, ALL DEPTHS, COMPLETE IN PLACE	LF	530	\$70.00	\$37,100.00	\$100.00	\$53,000.00
3	8" PVC WATER LINE, C-900, DR 18, CL 235, ALL DEPTHS, COMPLETE IN PLACE	LF	121	\$60.00	\$7,260.00	\$65.00	\$7,865.00
4	8" PVC WATER RE-USE LINE, C-900, DR 18, CL 235 (PURPLE PIPE), ALL DEPTHS, COMPLETE IN PLACE	LF	520	\$50.00	\$26,000.00	\$65.00	\$33,800.00
5	REMOVAL OF EXISTING 16" PLUG & CLAMP AND BLOW OFF VALVE AND CONNECT PROPOSED 16" WATER LINE, COMPLETE IN PLACE	EA	1	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00
6	REMOVAL OF EXISTING 8" PLUG & CLAMP AND BLOW OFF VALVE AND CONNECT PROPOSED 8" WATER RE-USE LINE, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00	\$4,250.00	\$4,250.00
7	16" WELDED STEEL WATER PIPE, ALL DEPTHS INCLUDES ALL FITTINGS AND ADAPTERS, PIPE HANGERS FOR BRIDGE AND ALL OTHER NECESSARY APPURTENANCES, COMPLETE IN PLACE	LF	250	\$300.00	\$75,000.00	\$450.00	\$112,500.00
8	8" WELDED STEEL WATER PIPE, ALL DEPTHS INCLUDES ALL FITTINGS AND ADAPTERS, PIPE HANGERS FOR BRIDGE AND ALL OTHER NECESSARY APPURTENANCES, COMPLETE IN PLACE	LF	250	\$200.00	\$50,000.00	\$275.00	\$68,750.00
9	AIR RELEASE VALVE FOR 16" WELDED STEEL WATER LINE, INCLUDES ACCESS PANEL, FITTINGS AND ALL OTHER APPURTENANCES, PAINTED TO MATCH SIDEWALK, COMPLETE IN PLACE	EA	2	\$5,000.00	\$10,000.00	\$10,500.00	\$21,000.00
10	AIR RELEASE VALVE, FOR 8" WELDED STEEL WATER LINE, INCLUDES ACCESS PANEL, FITTINGS AND ALL OTHER APPURTENANCES PAINTED TO MATCH SIDEWALK, COMPLETE IN PLACE	EA	2	\$3,000.00	\$6,000.00	\$10,250.00	\$20,500.00
11	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD, AND FLUSHING VALVE, COMPLETE IN PLACE	EA	2	\$5,000.00	\$10,000.00	\$9,000.00	\$18,000.00
12	CAST IRON FITTINGS, COMPLETE IN PLACE	TON	0.97	\$1,000.00	\$970.00	\$4,000.00	\$3,880.00
13	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1200	\$1.00	\$1,200.00	\$5.00	\$6,000.00
14	16" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	2	\$10,000.00	\$20,000.00	\$10,500.00	\$21,000.00
15	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	3	\$2,000.00	\$6,000.00	\$2,500.00	\$7,500.00
16	8" PLUG AND CLAMP, COMPLETE IN PLACE	EA	3	\$1,500.00	\$4,500.00	\$1,100.00	\$3,300.00
17	16" PLUG AND CLAMP, COMPLETE IN PLACE	EA	2	\$3,500.00	\$7,000.00	\$1,750.00	\$3,500.00
18	2" BLOW OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	4	\$2,000.00	\$8,000.00	\$2,750.00	\$11,000.00
WATER DISTRIBUTION SYSTEM ITEMS (SIENNA PLANTATION M.U.D. NO. 6) SUBTOTAL:					\$293,530.00		\$410,445.00
DRAINAGE FACILITIES ITEMS (SIENNA PLANTATION M.U.D. NO. 6)							
1	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	219	\$150.00	\$32,850.00	\$200.00	\$43,800.00
2	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS	LF	134	\$300.00	\$40,200.00	\$225.00	\$30,150.00
3	30" C.G.M.P. STORM SEWER, 14 GAUGE, ASTM A742 STANDARD, ALL DEPTHS, COMPLETE IN PLACE	LF	150	\$230.00	\$34,500.00	\$150.00	\$22,500.00

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ITEM	DESCRIPTION	UNIT	QTY	4) WADECON, LLC		5) HARPER BROTHERS CONSTRUCTION, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4	STAGE I – 10' PRECAST CURB INLET, (ALL DEPTHS), (INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLET), COMPLETE IN PLACE	EA	4	\$4,000.00	\$16,000.00	\$5,000.00	\$20,000.00
5	STAGE II – 10' PRECAST CURB INLET, (ALL DEPTHS), (INCLUDES TEMPORARY SAND FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	4	\$2,500.00	\$10,000.00	\$5,000.00	\$20,000.00
6	CITY OF MISSOURI CITY (COMC) CONSTRUCTION PERMIT FOR CONSTRUCTION (PERCENTAGE OF CONSTRUCTION COSTS AS REQUIRED BY COMC), COMPLETE IN PLACE	LS	1	\$50,000.00	\$50,000.00	\$12,000.00	\$12,000.00
7	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	503	\$20.00	\$10,060.00	\$5.00	\$2,515.00
8	WATER, SANITARY SEWER, AND STORM SEWER UTILITY SPOIL TO BE USED FOR ONSITE ROADWAY FILL, INCLUDES EXCAVATION, HAULING, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE	CY	932	\$5.00	\$4,660.00	\$10.00	\$9,320.00
9	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$4,000.00	\$16,000.00	\$10,000.00	\$40,000.00
10	FINAL ADJUSTMENT OF EXISTING MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	4	\$1,000.00	\$4,000.00	\$750.00	\$3,000.00
11	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	1	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
12	OVERFLOW DRAINAGE SWALE, CHANNEL LOCK OR APPROVED EQUAL, 3:1 SIDE SLOPES, 2' BOTTOM WIDTH, INCLUDES EXCAVATION HAULING, GRADING, COMPACTION AT 95% STANDARD PROCTOR DENSITY, AND HYDROMULCH SEEDING AS PER SWMHCA SPECIFICATION NO. 4241 (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	245	\$150.00	\$36,750.00	\$190.00	\$46,550.00
13	COFFER DAM OR BLADDER AND TEMPORARY BYPASS PUMPING FOR DURATION OF PROJECT, INCLUDES INSTALLATION AND REMOVAL UPON COMPLETION, COMPLETE IN PLACE	LS	1	\$50,000.00	\$50,000.00	\$10,000.00	\$10,000.00
14	36" CGMP STORM SEWER OUTFALL STRUCTURE, INCLUDES 5' TOE ALONG FLOWLINE OF CHANNEL, 2' TOE ALONG ALL OTHER SIDES, 3:1 SET, INCLUDES 4" SLOPE PAVING, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$35,000.00	\$35,000.00	\$30,000.00	\$30,000.00
15	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	503	\$10.00	\$5,030.00	\$25.00	\$12,575.00
16	ADDITIONAL COST FOR MISSOURI CITY MODIFIED "A-A" STORM SEWER BEDDING, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	503	\$10.00	\$5,030.00	\$10.00	\$5,030.00
17	REMOVE AND DISPOSE OF EXISTING BACKSLOPE INTERCEPTOR STRUCTURE, INCLUDES REMOVAL OF SLOPE PAVING, 24" CGMP, EXISTING OUTFALL STRUCTURE AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$5,000.00	\$5,000.00
18	PROPOSED BACKSLOPE INTERCEPTOR STRUCTURE, INCLUDES CONCRETE SLOPE PAVEMENT, AND ALL OTHER APPURTENANCES, AS PER COMC DETAIL MC-4-15, INCLUDES INSTALLATION AND MAINTENANCE OF INLET PROTECTION BARRIERS, COMPLETE IN PLACE	EA	2	\$5,000.00	\$10,000.00	\$30,000.00	\$60,000.00

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ITEM	DESCRIPTION	UNIT	QTY	4) WADECON, LLC		5) HARPER BROTHERS CONSTRUCTION, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
19	REGRADE OF EXISTING SWALE ALONG HIGHBANK OF CHANNEL, AS PER GRADING PLAN, 3:1 SIDE SLOPES, "V" BOTTOM, INCLUDES EXCAVATION, HAULING, GRADING, HYDROMULCH SEEDING PER SWMHCA SPECIFICATION NO. 4241 (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	279	\$20.00	\$5,580.00	\$15.00	\$4,185.00
DRAINAGE FACILITIES ITEMS (SIENNA PLANTATION M.U.D. NO. 6) SUBTOTAL:					\$368,160.00		\$378,125.00
BRIDGE ITEMS (SIENNA PLANTATION M.U.D. NO. 6)							
1	36" DIAMETER DRILLED SHAFTS, COMPLETE IN PLACE	LF	1042	\$450.00	\$468,900.00	\$500.00	\$521,000.00
2	18" DIAMETER DRILLED SHAFTS, COMPLETE IN PLACE	LF	140	\$100.00	\$14,000.00	\$150.00	\$21,000.00
3	CLASS "C" CONCRETE – ABUTMENTS, COMPLETE IN PLACE	CY	76.8	\$1,200.00	\$92,160.00	\$2,000.00	\$153,600.00
4	CLASS "C" CONCRETE – BENT, COMPLETE IN PLACE	CY	97.2	\$1,100.00	\$106,920.00	\$2,000.00	\$194,400.00
5	REINFORCED CONCRETE SLAB (8.5"), COMPLETE IN PLACE	SF	13440	\$20.00	\$268,800.00	\$31.25	\$420,000.00
6	PRESTRESSED CONCRETE GIRDERS – TX34, COMPLETE IN PLACE	LF	1907.83	\$200.00	\$381,566.00	\$245.00	\$467,418.35
7	CLASS "S" CONCRETE – BRIDGE SIDEWALK, COMPLETE IN PLACE	SF	4800	\$15.00	\$72,000.00	\$15.00	\$72,000.00
8	INSTALLATION AND REMOVAL OF TEMPORARY LOW PROFILE TRAFFIC BARRIER, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	700	\$10.00	\$7,000.00	\$10.00	\$7,000.00
9	SEALED EXPANSION JOINT – 4", COMPLETE IN PLACE	LF	86	\$120.00	\$10,320.00	\$150.00	\$12,900.00
10	SLOPE PAVING – 5" CONCRETE, CLASS "B", COMPLETE IN PLACE	CY	258	\$500.00	\$129,000.00	\$550.00	\$141,900.00
11	BRIDGE SIDEWALK EXPANSION JOINT COVER PLATE, INCLUDES ALL NECESSARY APPURTENANCES, COMPLETE IN PLACE	LB	517	\$20.00	\$10,340.00	\$20.00	\$10,340.00
12	INSTALLATION AND REMOVAL OF TEMPORARY LOW WATER CROSSING FOR CONSTRUCTION OF BRIDGE OVER CHANNEL 3, INCLUDES TWO 36" C.G.M.P. OR APPROVED EQUAL, REMOVAL AND DISPOSAL OF 36" C.G.M.P. AFTER CONSTRUCTION AND RESTORING THE SITE AND SLOPES BACK TO ORIGINAL CONDITION OR BETTER, (SEE LOW WATER CROSSING DETAIL ON EROSION CONTROL SHEET IN THE CONSTRUCTION PLAN SET), COMPLETE IN PLACE	EA	1	\$25,000.00	\$25,000.00	\$30,000.00	\$30,000.00
13	BRIDGE FILL AND GRADING AS PER PROPOSED GRADING ELEVATION INCLUDES TRANSITIONING FROM SLOPE PAVEMENT TO EXISTING NATURAL GROUND AT 3:1 SLOPE. (SEE GRADING LAYOUT IN THE CONSTRUCTION PLAN SET), COMPLETE IN PLACE	LS	1	\$10,000.00	\$10,000.00	\$50,000.00	\$50,000.00
14	DEWATERING OF CHANNEL BOTTOM FOR CONSTRUCTION OF BRIDGE (INCLUDES VACUUM WELLS, DEEP WELLS OR ANY OTHER MECHANICAL MEANS NECESSARY TO DEWATER SITE), COMPLETE IN PLACE	LF	220	\$20.00	\$4,400.00	\$50.00	\$11,000.00
15	HEAVILY WOODED CLEARING AND GRUBBING OF ACCESS ROAD, INCLUDES REMOVAL OF ALL STUMPS AND ROOTS, EXCAVATION OF BURN PITS, BURNING OF CLEARING DEBRIS OUTSIDE THE BOUNDARY OF SIENNA PLANTATION DEVELOPMENT, CLEAN OUT OF BURN PITS, BACKFILL OF BURN PITS TO 95% STANDARD PROCTOR DENSITY IN MAXIMUM 8" LIFTS (ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	1	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00
16	STRIPPING OF PROJECT SITE INCLUDES FILL AREAS, REGRADED AREAS, TRANSITIONS, EXCAVATION LOW WATER CROSSING AND ANY OTHER ASSOCIATED AREAS WITHIN THE PROJECT SCOPE OF WORK, ALL CLEARING DEBRIS TO BE REMOVED AND DISPOSED OF OUTSIDE THE LIMITS OF SIENNA PLANTATION DEVELOPMENT, COMPLETE IN PLACE	AC	0.5	\$10,000.00	\$5,000.00	\$12,500.00	\$6,250.00

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ITEM	DESCRIPTION	UNIT	QTY	4) WADECON, LLC		5) HARPER BROTHERS CONSTRUCTION, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
17	CLASS "S" CONCRETE – APPROACH SLAB, INCLUDES APPROACH AND SLEEPER SLAB, CONCRETE PAVING AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	CY	147	\$500.00	\$73,500.00	\$300.00	\$44,100.00
18	CEMENT STABILIZED ABUTMENT BACKFILL , COMPLETE IN PLACE	CY	307	\$50.00	\$15,350.00	\$70.00	\$21,490.00
19	CLASS "C" CONCRETE – RAIL FOUNDATION, COMPLETE IN PLACE	CY	12.9	\$1,500.00	\$19,350.00	\$1,000.00	\$12,900.00
20	VEHICULAR RAIL AS PER DETAIL, INCLUDES INSTALLATION AND MATERIALS, COMPLETE IN PLACE	LF	700	\$300.00	\$210,000.00	\$275.00	\$192,500.00
21	PEDESTRIAN RAIL AS PER DETAIL ON SHEET 43, INCLUDES INSTALLATION AND MATERIALS, COMPLETE IN PLACE	LF	700	\$300.00	\$210,000.00	\$175.00	\$122,500.00
22	PRECAST COLUMN CAPS AS PER DETAIL ON SHEET 43, INCLUDES INSTALLATION AND MATERIALS, COMPLETE IN PLACE	EA	4	\$2,500.00	\$10,000.00	\$1,000.00	\$4,000.00
23	CMU PEDESTRIAN RAIL COLUMNS AS PER DETAIL ON SHEET 43, INCLUDES CMU UNITS, GROUT, REBAR AND ANY APPURTENANCES AS PER CONSTRUCTION PLANS, COMPLETE IN PLACE	EA	4	\$2,500.00	\$10,000.00	\$1,000.00	\$4,000.00
24	BRICK COLUMN VENEER AS PER DETAIL ON SHEET 43, INCLUDES INSTALLATION AND MATERIALS, COMPLETE IN PLACE	EA	4	\$2,500.00	\$10,000.00	\$1,000.00	\$4,000.00
25	REMOVE AND RELOCATE EXISTING TEMPORARY LOW WATER CROSSING ALONG CHANNEL 3 AS SHOWN ON GRADING PLAN, INCLUDES TWO 36" CGMP OR APPROVED EQUAL, COMPLETE IN PLACE	EA	1	\$10,000.00	\$10,000.00	\$20,000.00	\$20,000.00
26	FORT BEND COUNTY CONSTRUCTION COMPLETION AND FINAL ACCEPTANCE INSPECTION FEES, COMPLETE IN PLACE	LS	1	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00
27	PROVIDE SUBDIVISION BOND IN THE AMOUNT OF \$431,491.80, COMPLETE IN PLACE	LS	1	\$15,000.00	\$15,000.00	\$5,500.00	\$5,500.00
28	TEMPORARY TRAFFIC CONTROL, INCLUDING FLAGMEN, BARRELS, ETC., COMPLETE IN PLACE	LS	1	\$15,000.00	\$15,000.00	\$5,000.00	\$5,000.00
BRIDGE ITEMS (SIENNA PLANTATION M.U.D. NO. 6) SUBTOTAL:					\$2,233,606.00		\$2,589,798.35
PAVING IMPROVEMENT ITEMS (SIENNA PLANTATION M.U.D. NO. 6)							
1	7" REINFORCED CONCRETE PAVEMENT POURED FULL-WIDTH WHERE APPLICABLE, (MISSOURI CITY SPECIFICATIONS), COMPLETE IN PLACE	SY	2410	\$50.00	\$120,500.00	\$35.00	\$84,350.00
2	6" REINFORCED CONCRETE CURB, (MISSOURI CITY SPECIFICATIONS), COMPLETE IN PLACE	LF	1596	\$3.00	\$4,788.00	\$4.00	\$6,384.00
3	6" LIME STABILIZED SUBGRADE, (MISSOURI CITY SPECIFICATIONS), COMPLETE IN PLACE	SY	2766	\$4.00	\$11,064.00	\$2.50	\$6,915.00
4	LIME FOR SUBGRADE PREPARATION, (8% BY WEIGHT, 44 LBS/SY), (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	TON	60.9	\$190.00	\$11,571.00	\$185.00	\$11,266.50
5	PERMANENT TRAFFIC CONTROL DEVICES AS PER TRAFFIC CONTROL PLAN AND COMC STANDARDS, INCLUDING TRAFFIC BUTTONS, STREET SIGNS, STOP SIGNS, PAVEMENT STRIPING, MARKER, ETC., COMPLETE IN PLACE	LS	1	\$10,000.00	\$10,000.00	\$2,515.00	\$2,515.00
6	4" SQUARE DOUBLE REFLECTORIZED BLUE TRAFFIC BUTTON FOR FIRE HYDRANT LOCATION, COMPLETE IN PLACE	EA	2	\$20.00	\$40.00	\$10.00	\$20.00
7	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	1	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00

BID TABULATION FOR:

CONSTRUCTION OF HERITAGE PARK DRIVE OVER CHANNEL 3
 SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 6
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
 FEBRUARY 14, 2020
 LJA ENGINEERING, INC.
 P.CHATTERJEE
 FEBRUARY 17, 2020
 1416-1703A & 1416-1703B (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) WADECON, LLC		5) HARPER BROTHERS CONSTRUCTION, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
8	CONNECT PROPOSED 7" PAVEMENT TO EXISTING 7" PAVEMENT, COMPLETE IN PLACE	LF	37	\$40.00	\$1,480.00	\$50.00	\$1,850.00
9	REMOVAL TYPE III BARRICADE, ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	1	\$100.00	\$100.00	\$250.00	\$250.00
10	FINAL GRADING OF ROADWAY AND ALL RESERVES, COMPLETE IN PLACE	LS	1	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00
11	COMMON ROADWAY 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	615	\$10.00	\$6,150.00	\$10.00	\$6,150.00
12	FILL OF ROADWAY APPROACH USING ADJACENT STOCKPILE, INCLUDES EXCAVATION, HAULING, PLACE AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, (INCLUDES 30% COMPACTION FACTOR), COMPLETE IN PLACE	CY	2305	\$10.00	\$23,050.00	\$10.00	\$23,050.00
13	TYPE III BARRICADE, ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	3	\$100.00	\$300.00	\$1,000.00	\$3,000.00
14	ADDITIONAL 6" LIME STABILIZED SUBGRADE (MISSOURI CITY SPECIFICATIONS) TO BE USED FOR UNSTABLE SOIL CONDITIONS, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	2766	\$1.00	\$2,766.00	\$2.50	\$6,915.00
15	ADDITIONAL LIME FOR SUBGRADE PREPARATION (8% BY WEIGHT) (44 LBS/YD), TO BE USED AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	TON	60.9	\$10.00	\$609.00	\$185.00	\$11,266.50
16	WHEELCHAIR RAMPS AS PER COMC DETAIL, ALL SIZES, INCLUDING TRUNCATED DOME PAVER AS NOTED IN THE CONSTRUCTION PLAN SET	EA	4	\$2,500.00	\$10,000.00	\$3,000.00	\$12,000.00
PAVING IMPROVEMENT ITEMS (SIENNA PLANTATION M.U.D. NO. 6) SUBTOTAL:					\$213,918.00		\$192,432.00
MISCELLANEOUS ITEMS							
1	STANDARD DEDUCT FOR VARIANCE REQUESTS SUBMITTED BY 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
MISCELLANEOUS ITEMS SUBTOTAL:					\$0.00		\$0.00
BIDDING SUMMARY							
SUBTOTAL WATER DISTRIBUTION SYSTEM ITEMS (SIENNA PLANTATION M.U.D. NO. 6)					\$293,530.00		\$410,445.00
SUBTOTAL DRAINAGE FACILITIES ITEMS (SIENNA PLANTATION M.U.D. NO. 6)					\$368,160.00		\$378,125.00
SUBTOTAL BRIDGE ITEMS (SIENNA PLANTATION M.U.D. NO. 6)					\$2,233,606.00		\$2,589,798.35
SUBTOTAL PAVING IMPROVEMENT ITEMS (SIENNA PLANTATION M.U.D. NO. 6)					\$213,918.00		\$192,432.00
SUBTOTAL MISCELLANEOUS ITEMS					\$0.00		\$0.00
TOTAL AMOUNT BASE BID					\$3,109,214.00		\$3,570,800.35