

BID TABULATION FOR:

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

CONSTRUCTION OF ATLAS 14 BRAZOS RIVER OUTFALL CHANNEL
SIENNA PLANTATION LEVEE IMPROVEMENT DISTRICT OF FORT BEND COUNTY, TEXAS
FEBRUARY 2, 2021
LJA ENGINEERING, INC.
D. FORREST
FEBRUARY 2, 2021
1501 2001B (9.2)

BIDDER'S NAME	TOTAL AMOUNT BID	BID INCLUDING ALTERNATE BID NO. 1	BID INCLUDING ALTERNATE BID NO. 2
1) JERDON ENTERPRISE, L.P.	\$6,843,025.00	\$7,456,225.00	\$9,280,025.00
2) LONGHORN EXCAVATORS, INC.	\$6,869,367.93	\$7,840,827.93	\$8,802,885.93
3) HARRIS CONSTRUCTION COMPANY, LTD.	\$8,460,160.00	\$9,090,160.00	\$10,164,160.00
4) TRIPLE B SERVICES, LLP	\$10,415,531.75	\$11,045,531.75	\$12,221,531.75

CALENDAR DAYS - 420/450

Scott Frankovich

I, Scott Frankovich, P.E., hereby certify these bid tabulations to be true and correct.



Scott Frankovich
2/2/2021

BID TABULATION FOR:

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

CONSTRUCTION OF ATLAS 14 BRAZOS RIVER OUTFALL CHANNEL
 SIENNA PLANTATION LEVEE IMPROVEMENT DISTRICT OF FORT BEND COUNTY, TEXAS
 FORT BEND COUNTY, TEXAS
 FEBRUARY 2, 2021
 LJA ENGINEERING, INC.
 D. FORREST
 FEBRUARY 2, 2021
 1501-2001B (9.2)

				1) JERDON ENTERPRISE, L.P.		2) LONGHORN EXCAVATORS, INC.		3) HARRIS CONSTRUCTION COMPANY, LTD.	
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
DRAINAGE CHANNEL ITEMS									
1	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR, PER GENE BAKER, GBI SURVEYING, 281.499.4539, COMPLETE IN PLACE	LS	1	\$27,500.00	\$27,500.00	\$29,979.00	\$29,979.00	\$27,500.00	\$27,500.00
2	EXCAVATION OF DRAINAGE CHANNEL (MAIN AND EXTERNAL DIVERSION), COMPLETE IN PLACE	CY	325000	\$2.55	\$828,750.00	\$1.50	\$487,500.00	\$2.00	\$650,000.00
3	HAULING, PLACEMENT AND COMPACTION OF EXCAVATION. SPOILS TO BE HAULED USING OFF-ROAD TRUCKS TO THE FILL SITE, WITHIN 0.75 MILES OF THE PROJECT, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, AS PER GEOTECHNICAL ENGINEER'S RECOMMENDATION, COMPLETE IN PLACE	CY	305000	\$2.55	\$777,750.00	\$1.77	\$539,850.00	\$2.00	\$610,000.00
4	HAULING, PLACEMENT AND COMPACTION OF EXCAVATION TO CONSTRUCT TEMPORARY LEVEE. SPOILS TO BE HAULED USING OFF-ROAD TRUCKS TO THE FILL SITE, WITHIN 0.30 MILES OF THE PROJECT, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS AS PER GEOTECHNICAL ENGINEER'S RECOMMENDATION, COMPLETE IN PLACE	CY	20000	\$4.55	\$91,000.00	\$1.77	\$35,400.00	\$2.00	\$40,000.00
5	EXCAVATION AND REMOVAL OF TEMPORARY LEVEE (PHASE 2), COMPLETE IN PLACE	CY	20000	\$3.75	\$75,000.00	\$1.50	\$30,000.00	\$2.50	\$50,000.00
6	PHASE 2 HAULING, PLACEMENT AND COMPACTION OF TEMPORARY LEVEE EXCAVATION. SPOILS TO BE HAULED USING OFF-ROAD TRUCKS TO THE FILL SITE, WITHIN 0.50 MILES OF THE PROJECT, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, AS PER GEOTECHNICAL ENGINEER'S RECOMMENDATION, COMPLETE IN PLACE	CY	20000	\$3.75	\$75,000.00	\$1.77	\$35,400.00	\$2.50	\$50,000.00
7	SURFACE WATER CONTROL FOR CONSTRUCTION INCLUDING ANY REQUIRED EARTHEN OR CONCRETE COFFER DAMS, SHORING OR BYPASS PUMPING REQUIRED FOR WATER MANAGEMENT, COMPLETE IN PLACE	LS	1	\$34,000.00	\$34,000.00	\$18,000.00	\$18,000.00	\$40,000.00	\$40,000.00
8	FINAL GRADING OF ALL FILL AREAS, CHANNEL, HIGH BANK AND MAINTENANCE BERMS TO FINISHED ELEVATIONS PER PLANS, INCLUDES ALL REQUIRED FILL, EXCAVATION AND HAULING, COMPLETE IN PLACE	LS	1	\$59,000.00	\$59,000.00	\$12,900.00	\$12,900.00	\$35,000.00	\$35,000.00
9	INSTALLATION, REMOVAL AND DISPOSAL OF TEMPORARY LOW WATER CROSSING FOR CONSTRUCTION OF DRAINAGE CHANNEL, AS NECESSARY, INCLUDES TWO 36" CGMP, REMOVAL AND DISPOSAL OF 36" 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	3	\$17,000.00	\$51,000.00	\$6,900.00	\$20,700.00	\$30,000.00	\$90,000.00
10	CITY OF MISSOURI CITY (COMC) CONSTRUCTION PERMIT, (PERCENT OF CONSTRUCTION COSTS, TO BE PAID AT PRE-CONSTRUCTION MEETING), COMPLETE IN PLACE	LS	1	\$52,500.00	\$52,500.00	\$66,210.00	\$66,210.00	\$90,000.00	\$90,000.00
11	ANY REQUIRED FORT BEND COUNTY PERMITS, COMPLETE IN PLACE	LS	1	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00	\$10,000.00	\$10,000.00
12	RESTORATION OF EXISTING HIGH BANKS OF THE EXTERNAL CHANNEL TO EXISTING CONDITIONS OR BETTER, INCLUDES GRADING, COMPACTION AND ALL OTHER NECESSARY METHODS FOR RESTORATION, COMPLETE IN PLACE	LS	1	\$14,000.00	\$14,000.00	\$6,900.00	\$6,900.00	\$20,000.00	\$20,000.00
13	DEMOBILIZATION AND REMOBILIZATION TO COMPLETE PHASE 2 OF THE PROJECT, COMPLETE IN PLACE	LS	1	\$29,000.00	\$29,000.00	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00
14	DOWNSTREAM OUTSIDE OUTFALL STRUCTURE RAMP FROM TOP OF LEVEE DOWN TO OUTFALL STRUCTURE BOTTOM APRON, COMPLETE IN PLACE	EA	1	\$38,000.00	\$38,000.00	\$80,661.00	\$80,661.00	\$96,250.00	\$96,250.00
15	PROPOSED BACKSLOPE INTERCEPTOR STRUCTURE, CONCRETE SLOPE PAVEMENT, AND ALL OTHER APPURTENANCES, AS PER COMC DETAIL MC-4-19, INCLUDES INSTALLATION AND MAINTENANCE OF INLET PROTECTION BARRIERS, COMPLETE IN PLACE	EA	10	\$8,500.00	\$85,000.00	\$16,677.00	\$166,770.00	\$17,250.00	\$172,500.00

BID TABULATION FOR:

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

CONSTRUCTION OF ATLAS 14 BRAZOS RIVER OUTFALL CHANNEL
 SIENNA PLANTATION LEVEE IMPROVEMENT DISTRICT OF FORT BEND COUNTY, TEXAS
 FORT BEND COUNTY, TEXAS
 FEBRUARY 2, 2021
 LJA ENGINEERING, INC.
 D. FORREST
 FEBRUARY 2, 2021
 1501-2001B (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) JERDON ENTERPRISE, L.P.		2) LONGHORN EXCAVATORS, INC.		3) HARRIS CONSTRUCTION COMPANY, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
16	PROPOSED BACKSLOPE DRAINAGE SWALE ALONG HIGH BANK OF DRAINAGE CHANNEL AND PERIMETER OF FILL SITE, 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	5300	\$5.50	\$29,150.00	\$10.38	\$55,014.00	\$3.00	\$15,900.00
17	DOUBLE ROW DEWATERING OF CHANNEL BOTTOM AND SIDE SLOPES TO ALLOW FOR EXCAVATION AND CONSTRUCTION, AS PER DEWATERING TECHNICAL SPECIFICATIONS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	4000	\$20.00	\$80,000.00	\$21.00	\$84,000.00	\$30.00	\$120,000.00
18	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	4	\$3,000.00	\$12,000.00	\$1,800.00	\$7,200.00	\$2,500.00	\$10,000.00
DRAINAGE CHANNEL ITEMS SUBTOTAL:					\$2,359,650.00		\$1,692,984.00		\$2,137,150.00
STRUCTURAL ITEMS									
1	6" REINFORCED SLOPE PAVEMENT WITH TOE WALLS, INCLUDES ALL REINFORCING AND WEEP HOLES, COMPLETE IN PLACE	SY	15610	\$65.00	\$1,014,650.00	\$119.04	\$1,858,214.40	\$75.00	\$1,170,750.00
2	8" REINFORCED SLOPE PAVEMENT WITH TOE WALLS, INCLUDES ALL REINFORCING AND WEEP HOLES, COMPLETE IN PLACE	SY	6140	\$110.00	\$675,400.00	\$149.13	\$915,658.20	\$159.00	\$976,260.00
3	12" REINFORCED SLOPE PAVEMENT FOR LARGE DROP STRUCTURE AND APPROACH SLAB, INCLUDES ALL CURTAIN WALLS, TOE WALLS, STEEL REINFORCING, BEDDING, SEAL SLABS, OVER EXCAVATION AND WEEP HOLES, COMPLETE IN PLACE	SY	993	\$150.00	\$148,950.00	\$312.51	\$310,322.43	\$580.00	\$575,940.00
4	REINFORCED CONCRETE ENERGY DISSIPATION BLOCKS FOR LARGE DROP STRUCTURE, INCLUDES REINFORCING STEEL AS PER DETAILS, COMPLETE IN PLACE	EA	68	\$2,100.00	\$142,800.00	\$2,181.00	\$148,308.00	\$1,795.00	\$122,060.00
5	PREPARATION AND PROOF ROLL OF ENTIRE CHANNEL BOTTOM AND SUBGRADE OF ENERGY DISSIPATION STRUCTURES TO DEPTH AS PER GEOTECHNICAL RECOMMENDATION, COMPLETE IN PLACE	LS	1	\$14,000.00	\$14,000.00	\$9,000.00	\$9,000.00	\$35,000.00	\$35,000.00
6	ALL WING WALLS FOR LARGE DROP STRUCTURE INCLUDING WALLS, REINFORCING, FOUNDATIONS, FOOTINGS, TOEWALLS, BEDDING, SEAL SLABS AND WEEP HOLES, COMPLETE IN PLACE	EA	2	\$800,000.00	\$1,600,000.00	\$480,147.00	\$960,294.00	\$815,250.00	\$1,630,500.00
7	RIP RAP FOR LARGE DROP STRUCTURE, GRADE 1 (12" X 18") (AVG. WEIGHT = 80 TO 150 LBS), FOR PORTION OF DISSIPATION STRUCTURE TO BE BURIED AS PER DETAILS, COMPLETE IN PLACE	CY	1800	\$135.00	\$243,000.00	\$167.34	\$301,212.00	\$240.00	\$432,000.00
8	RIP RAP APPROACH BLANKET FOR BOTH EXTERNAL DIVERSION CHANNEL ENERGY DISSIPATION STRUCTURES, GRADE 1 (18" X 24") (AVG. WEIGHT = 80 TO 100 LBS), FOR PORTION OF DISSIPATION STRUCTURE TO BE BURIED AS PER DETAILS, COMPLETE IN PLACE	SY	180	\$90.00	\$16,200.00	\$76.95	\$13,851.00	\$160.00	\$28,800.00
9	EXTERNAL DIVERSION CHANNEL ENERGY DISSIPATION DROP STRUCTURES INCLUDING 12" SLOPE PAVING, DISSIPATION BLOCKS, REINFORCING, SIDE RETAINING WALLS, TOE WALLS, CURTAIN WALLS, BEDDING, SEAL SLABS, OVER-EXCAVATION AND WEEP HOLES, COMPLETE IN PLACE	EA	2	\$70,000.00	\$140,000.00	\$111,549.00	\$223,098.00	\$235,000.00	\$470,000.00
10	8" CRUSHED STONE PERMANENT ACCESS RAMPS FOR FILL AREAS DOWN TO EXTERNAL DIVERSION CHANNEL HIGH BANK MAINTENANCE BERM, COMPLETE IN PLACE.	EA	2	\$6,000.00	\$12,000.00	\$5,700.00	\$11,400.00	\$25,000.00	\$50,000.00

BID TABULATION FOR:

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

CONSTRUCTION OF ATLAS 14 BRAZOS RIVER OUTFALL CHANNEL
 SIENNA PLANTATION LEVEE IMPROVEMENT DISTRICT OF FORT BEND COUNTY, TEXAS
 FORT BEND COUNTY, TEXAS
 FEBRUARY 2, 2021
 LJA ENGINEERING, INC.
 D. FORREST
 FEBRUARY 2, 2021
 1501-2001B (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) JERDON ENTERPRISE, L.P.		2) LONGHORN EXCAVATORS, INC.		3) HARRIS CONSTRUCTION COMPANY, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
11	CHANNEL PERMANENT CONCRETE ACCESS RAMPS AT CONFLUENCE WITH EXTERNAL DIVERSION CHANNEL, COMPLETE IN PLACE	EA	2	\$22,000.00	\$44,000.00	\$26,160.00	\$52,320.00	\$42,250.00	\$84,500.00
12	8" CRUSHED STONE PERMANENT ACCESS RAMPS FOR FILL AREAS DOWN TO EXTERNAL DIVERSION CHANNEL HIGH BANK MAINTENANCE BERM, COMPLETE IN PLACE.	EA	2	\$5,000.00	\$10,000.00	\$5,700.00	\$11,400.00	\$25,000.00	\$50,000.00
13	CONNECT PROPOSED 8" CHANNEL CONCRETE SLOPE PAVING TO OUTFALL STRUCTURE LOWER CONCRETE APRON BY DOWELED METHOD WITH TOE WALLS, COMPLETE IN PLACE	LS	1	\$3,000.00	\$3,000.00	\$5,451.00	\$5,451.00	\$42,150.00	\$42,150.00
STRUCTURAL ITEMS SUBTOTAL:					\$4,064,000.00		\$4,820,529.03		\$5,667,960.00
CLEARING AND GRUBBING ITEMS									
1	CLEARING AND GRUBBING OF HEAVILY WOODED AREA, INCLUDES REMOVING ALL STUMPS AND ROOTS, EXCAVATION OF BURN PITS, BURNING OF CLEARING DEBRIS, HAULING OF ASHES OUTSIDE THE BOUNDARY OF THE SIENNA DEVELOPMENT, CLEAN-OUT OF BURN PITS, AND BACKFILL OF BURN PITS TO 95% STANDARD PROCTOR DENSITY IN MAXIMUM 8" LIFTS, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	19.6	\$5,500.00	\$107,800.00	\$7,620.00	\$149,352.00	\$5,500.00	\$107,800.00
2	CLEARING AND GRUBBING OF LIGHTLY WOODED AREA, INCLUDES REMOVING ALL STUMPS AND ROOTS, EXCAVATION OF BURN PITS, BURNING OF CLEARING DEBRIS, HAULING OF ASHES OUTSIDE THE BOUNDARY OF THE SIENNA DEVELOPMENT, CLEAN-OUT OF BURN PITS, AND BACKFILL OF BURN PITS TO 95% STANDARD PROCTOR DENSITY IN MAXIMUM 8" LIFTS, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	9.45	\$4,500.00	\$42,525.00	\$1,092.00	\$10,319.40	\$1,500.00	\$14,175.00
3	STRIPPING OF NON-WOODED AREAS WITHIN THE CHANNEL AND FILL AREAS, INCLUDES REMOVING ALL STUMPS AND ROOTS, AND STOCKPILING AND FINAL REPLACEMENT OF STRIPPINGS, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	4.85	\$5,000.00	\$24,250.00	\$1,500.00	\$7,275.00	\$1,000.00	\$4,850.00
4	UNDERBRUSHING ONLY OF AREA, INCLUDES NO DISTURBANCE OF TREES GREATER THAN 4" IN DIAMETER, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	12.3	\$3,000.00	\$36,900.00	\$1,530.00	\$18,819.00	\$2,000.00	\$24,600.00
CLEARING AND GRUBBING ITEMS SUBTOTAL:					\$211,475.00		\$185,765.40		\$151,425.00
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	-\$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
5	REPAIR AND RESTORE EXISTING 8" CRUSHED LIMESTONE ACCESS ROAD ON CHANNEL 3 MAINTENANCE BERM OR TOP OF LEVEE, (GEOGRID, 6" SUBGRADE, 8" CRUSHED STONE), (ITEM TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	SY	5000	\$16.00	\$80,000.00	\$27.00	\$135,000.00	\$55.00	\$275,000.00
6	ORANGE FENCING FOR NON-CONSTRUCTION ZONE BOUNDARY DELINEATION, COMPLETE IN PLACE	LF	1450	\$2.00	\$2,900.00	\$3.51	\$5,089.50	\$2.50	\$3,625.00
7	EXTRA CEMENT STABILIZED SAND TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	CY	5000	\$25.00	\$125,000.00	\$6.00	\$30,000.00	\$45.00	\$225,000.00
MISCELLANEOUS ITEMS SUBTOTAL:					\$207,900.00		\$170,089.50		\$503,625.00

BID TABULATION FOR:

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

CONSTRUCTION OF ATLAS 14 BRAZOS RIVER OUTFALL CHANNEL
 SIENNA PLANTATION LEVEE IMPROVEMENT DISTRICT OF FORT BEND COUNTY, TEXAS
 FORT BEND COUNTY, TEXAS
 FEBRUARY 2, 2021
 LJA ENGINEERING, INC.
 D. FORREST
 FEBRUARY 2, 2021
 1501-2001B (9.2)

				1) JERDON ENTERPRISE, L.P.		2) LONGHORN EXCAVATORS, INC.		3) HARRIS CONSTRUCTION COMPANY, LTD.	
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
ALTERNATE BID NO. 1									
1	6" CONCRETE SLOPE PAVEMENT IN LIEU OF PYRAMAT AT LARGE DROP STRUCTURE, COMPLETE IN PLACE	SY	8400	\$73.00	\$613,200.00	\$115.65	\$971,460.00	\$75.00	\$630,000.00
ALTERNATE BID NO. 1 SUBTOTAL:					\$613,200.00		\$971,460.00		\$630,000.00
ALTERNATE BID NO. 2									
1	CLEARING AND GRUBBING OF HEAVILY WOODED OFFSITE SPOIL AREA, INCLUDES REMOVING ALL STUMPS AND ROOTS, SURFACE AND GROUNDWATER MANAGEMENT, EXCAVATION OF BURN PITS, BURNING OF CLEARING DEBRIS, HAULING OF ASHES OUTSIDE THE BOUNDARY OF THE SIENNA DEVELOPMENT, CLEAN-OUT OF BURN PITS, AND BACKFILL OF BURN PITS TO 95% STANDARD PROCTOR DENSITY IN MAXIMUM 8" LIFTS, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	34	\$5,500.00	\$187,000.00	\$3,927.00	\$133,518.00	\$6,000.00	\$204,000.00
2	INCREMENTAL INCREASE TO HAUL ON-ROAD DISTANCE OF 5 MILES TO MCKEEVER AT SIENNA PARKWAY, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, AS PER GEOTECHNICAL ENGINEER'S RECOMMENDATION, COMPLETE IN PLACE	CY	150000	\$15.00	\$2,250,000.00	\$12.00	\$1,800,000.00	\$10.00	\$1,500,000.00
ALTERNATE BID NO. 2 SUBTOTAL:					\$2,437,000.00		\$1,933,518.00		\$1,704,000.00
BIDDING SUMMARY									
SUBTOTAL DRAINAGE CHANNEL ITEMS					\$2,359,650.00		\$1,692,984.00		\$2,137,150.00
SUBTOTAL STRUCTURAL ITEMS					\$4,064,000.00		\$4,820,529.03		\$5,667,960.00
SUBTOTAL CLEARING AND GRUBBING ITEMS					\$211,475.00		\$185,765.40		\$151,425.00
SUBTOTAL MISCELLANEOUS ITEMS					\$207,900.00		\$170,089.50		\$503,625.00
TOTAL AMOUNT BASE BID					\$6,843,025.00		\$6,869,367.93		\$8,460,160.00
ALTERNATE BID NO. 1									
TOTAL AMOUNT BASE BID					\$6,843,025.00		\$6,869,367.93		\$8,460,160.00
SUBTOTAL ALTERNATE BID NO. 1					\$613,200.00		\$971,460.00		\$630,000.00
TOTAL AMOUNT INCLUDING ALTERNATE BID NO. 1					\$7,456,225.00		\$7,840,827.93		\$9,090,160.00
ALTERNATE BID NO. 2									
TOTAL AMOUNT BASE BID					\$6,843,025.00		\$6,869,367.93		\$8,460,160.00
SUBTOTAL ALTERNATE BID NO. 2					\$2,437,000.00		\$1,933,518.00		\$1,704,000.00
TOTAL AMOUNT INCLUDING ALTERNATE BID NO. 2					\$9,280,025.00		\$8,802,885.93		\$10,164,160.00

BID TABULATION FOR:

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

CONSTRUCTION OF ATLAS 14 BRAZOS RIVER OUTFALL CHANNEL
 SIENNA PLANTATION LEVEE IMPROVEMENT DISTRICT OF FORT BEND COUNTY, TEXAS
 FORT BEND COUNTY, TEXAS
 FEBRUARY 2, 2021
 LJA ENGINEERING, INC.
 D. FORREST
 FEBRUARY 2, 2021
 1501-2001B (9.2)

4) TRIPLE B SERVICES, LLP

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
DRAINAGE CHANNEL ITEMS					
1	METHOD "A" CONSTRUCTION STAKING BY THE CONTRACTOR, PER GENE BAKER, GBI SURVEYING, 281.499.4539, COMPLETE IN PLACE	LS	1	\$27,500.00	\$27,500.00
2	EXCAVATION OF DRAINAGE CHANNEL (MAIN AND EXTERNAL DIVERSION), COMPLETE IN PLACE	CY	325000	\$2.80	\$910,000.00
3	HAULING, PLACEMENT AND COMPACTION OF EXCAVATION. SPOILS TO BE HAULED USING OFF-ROAD TRUCKS TO THE FILL SITE, WITHIN 0.75 MILES OF THE PROJECT, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, AS PER GEOTECHNICAL ENGINEER'S RECOMMENDATION, COMPLETE IN PLACE	CY	305000	\$4.50	\$1,372,500.00
4	HAULING, PLACEMENT AND COMPACTION OF EXCAVATION TO CONSTRUCT TEMPORARY LEVEE. SPOILS TO BE HAULED USING OFF-ROAD TRUCKS TO THE FILL SITE, WITHIN 0.30 MILES OF THE PROJECT, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS AS PER GEOTECHNICAL ENGINEER'S RECOMMENDATION, COMPLETE IN PLACE	CY	20000	\$4.10	\$82,000.00
5	EXCAVATION AND REMOVAL OF TEMPORARY LEVEE (PHASE 2), COMPLETE IN PLACE	CY	20000	\$3.10	\$62,000.00
6	PHASE 2 HAULING, PLACEMENT AND COMPACTION OF TEMPORARY LEVEE EXCAVATION. SPOILS TO BE HAULED USING OFF-ROAD TRUCKS TO THE FILL SITE, WITHIN 0.50 MILES OF THE PROJECT, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, AS PER GEOTECHNICAL ENGINEER'S RECOMMENDATION, COMPLETE IN PLACE	CY	20000	\$4.10	\$82,000.00
7	SURFACE WATER CONTROL FOR CONSTRUCTION INCLUDING ANY REQUIRED EARTHEN OR CONCRETE COFFER DAMS, SHORING OR BYPASS PUMPING REQUIRED FOR WATER MANAGEMENT, COMPLETE IN PLACE	LS	1	\$10,000.00	\$10,000.00
8	FINAL GRADING OF ALL FILL AREAS, CHANNEL, HIGH BANK AND MAINTENANCE BERMS TO FINISHED ELEVATIONS PER PLANS, INCLUDES ALL REQUIRED FILL, EXCAVATION AND HAULING, COMPLETE IN PLACE	LS	1	\$10,000.00	\$10,000.00
9	INSTALLATION, REMOVAL AND DISPOSAL OF TEMPORARY LOW WATER CROSSING FOR CONSTRUCTION OF DRAINAGE CHANNEL, AS NECESSARY, INCLUDES TWO 36" CGMP, REMOVAL AND DISPOSAL OF 36" 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	3	\$25,300.00	\$75,900.00
10	CITY OF MISSOURI CITY (COMC) CONSTRUCTION PERMIT, (PERCENT OF CONSTRUCTION COSTS, TO BE PAID AT PRE-CONSTRUCTION MEETING), COMPLETE IN PLACE	LS	1	\$75,000.00	\$75,000.00
11	ANY REQUIRED FORT BEND COUNTY PERMITS, COMPLETE IN PLACE	LS	1	\$9,200.00	\$9,200.00
12	RESTORATION OF EXISTING HIGH BANKS OF THE EXTERNAL CHANNEL TO EXISTING CONDITIONS OR BETTER, INCLUDES GRADING, COMPACTION AND ALL OTHER NECESSARY METHODS FOR RESTORATION, COMPLETE IN PLACE	LS	1	\$31,525.00	\$31,525.00
13	DEMOBILIZATION AND REMOBILIZATION TO COMPLETE PHASE 2 OF THE PROJECT, COMPLETE IN PLACE	LS	1	\$21,250.00	\$21,250.00
14	DOWNSTREAM OUTSIDE OUTFALL STRUCTURE RAMP FROM TOP OF LEVEE DOWN TO OUTFALL STRUCTURE BOTTOM APRON, COMPLETE IN PLACE	EA	1	\$66,350.00	\$66,350.00
15	PROPOSED BACKSLOPE INTERCEPTOR STRUCTURE, CONCRETE SLOPE PAVEMENT, AND ALL OTHER APPURTENANCES, AS PER COMC DETAIL MC-4-19, INCLUDES INSTALLATION AND MAINTENANCE OF INLET PROTECTION BARRIERS, COMPLETE IN PLACE	EA	10	\$17,050.00	\$170,500.00

BID TABULATION FOR:

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

CONSTRUCTION OF ATLAS 14 BRAZOS RIVER OUTFALL CHANNEL
SIENNA PLANTATION LEVEE IMPROVEMENT DISTRICT OF FORT BEND COUNTY, TEXAS
FORT BEND COUNTY, TEXAS
FEBRUARY 2, 2021
LJA ENGINEERING, INC.
D. FORREST
FEBRUARY 2, 2021
1501-2001B (9.2)

4) TRIPLE B SERVICES, LLP

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
16	PROPOSED BACKSLOPE DRAINAGE SWALE ALONG HIGH BANK OF DRAINAGE CHANNEL AND PERIMETER OF FILL SITE, 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	5300	\$7.75	\$41,075.00
17	DOUBLE ROW DEWATERING OF CHANNEL BOTTOM AND SIDE SLOPES TO ALLOW FOR EXCAVATION AND CONSTRUCTION, AS PER DEWATERING TECHNICAL SPECIFICATIONS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	4000	\$20.00	\$80,000.00
18	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	4	\$11,350.00	\$45,400.00

DRAINAGE CHANNEL ITEMS SUBTOTAL:**\$3,172,200.00****STRUCTURAL ITEMS**

1	8" REINFORCED SLOPE PAVEMENT WITH TOE WALLS, INCLUDES ALL REINFORCING AND WEEP HOLES, COMPLETE IN PLACE	SY	15610	\$82.15	\$1,282,361.50
2	8" REINFORCED SLOPE PAVEMENT WITH TOE WALLS, INCLUDES ALL REINFORCING AND WEEP HOLES, COMPLETE IN PLACE	SY	6140	\$95.00	\$583,300.00
3	12" REINFORCED SLOPE PAVEMENT FOR LARGE DROP STRUCTURE AND APPROACH SLAB, INCLUDES ALL CURTAIN WALLS, TOE WALLS, STEEL REINFORCING, BEDDING, SEAL SLABS, OVER EXCAVATION AND WEEP HOLES, COMPLETE IN PLACE	SY	993	\$825.00	\$819,225.00
4	REINFORCED CONCRETE ENERGY DISSIPATION BLOCKS FOR LARGE DROP STRUCTURE, INCLUDES REINFORCING STEEL AS PER DETAILS, COMPLETE IN PLACE	EA	68	\$3,795.00	\$258,060.00
5	PREPARATION AND PROOF ROLL OF ENTIRE CHANNEL BOTTOM AND SUBGRADE OF ENERGY DISSIPATION STRUCTURES TO DEPTH AS PER GEOTECHNICAL RECOMMENDATION, COMPLETE IN PLACE	LS	1	\$3,795.00	\$3,795.00
6	ALL WING WALLS FOR LARGE DROP STRUCTURE INCLUDING WALLS, REINFORCING, FOUNDATIONS, FOOTINGS, TOEWALLS, BEDDING, SEAL SLABS AND WEEP HOLES, COMPLETE IN PLACE	EA	2	\$1,500,000.00	\$3,000,000.00
7	RIP RAP FOR LARGE DROP STRUCTURE, GRADE 1 (12" X 18") (AVG. WEIGHT = 80 TO 150 LBS), FOR PORTION OF DISSIPATION STRUCTURE TO BE BURIED AS PER DETAILS, COMPLETE IN PLACE	CY	1800	\$235.00	\$423,000.00
8	RIP RAP APPROACH BLANKET FOR BOTH EXTERNAL DIVERSION CHANNEL ENERGY DISSIPATION STRUCTURES, GRADE 1 (18" X 24") (AVG. WEIGHT = 80 TO 100 LBS), FOR PORTION OF DISSIPATION STRUCTURE TO BE BURIED AS PER DETAILS, COMPLETE IN PLACE	SY	180	\$115.00	\$20,700.00
9	EXTERNAL DIVERSION CHANNEL ENERGY DISSIPATION DROP STRUCTURES INCLUDING 12" SLOPE PAVING, DISSIPATION BLOCKS, REINFORCING, SIDE RETAINING WALLS, TOE WALLS, CURTAIN WALLS, BEDDING, SEAL SLABS, OVER-EXCAVATION AND WEEP HOLES, COMPLETE IN PLACE	EA	2	\$235,000.00	\$470,000.00
10	8" CRUSHED STONE PERMANENT ACCESS RAMPS FOR FILL AREAS DOWN TO EXTERNAL DIVERSION CHANNEL HIGH BANK MAINTENANCE BERM, COMPLETE IN PLACE.	EA	2	\$3,750.00	\$7,500.00

BID TABULATION FOR:

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

CONSTRUCTION OF ATLAS 14 BRAZOS RIVER OUTFALL CHANNEL
 SIENNA PLANTATION LEVEE IMPROVEMENT DISTRICT OF FORT BEND COUNTY, TEXAS
 FORT BEND COUNTY, TEXAS
 FEBRUARY 2, 2021
 LJA ENGINEERING, INC.
 D. FORREST
 FEBRUARY 2, 2021
 1501-2001B (9.2)

4) TRIPLE B SERVICES, LLP

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
11	CHANNEL PERMANENT CONCRETE ACCESS RAMPS AT CONFLUENCE WITH EXTERNAL DIVERSION CHANNEL, COMPLETE IN PLACE	EA	2	\$1,415.00	\$2,830.00
12	8" CRUSHED STONE PERMANENT ACCESS RAMPS FOR FILL AREAS DOWN TO EXTERNAL DIVERSION CHANNEL HIGH BANK MAINTENANCE BERM, COMPLETE IN PLACE.	EA	2	\$12,250.00	\$24,500.00
13	CONNECT PROPOSED 8" CHANNEL CONCRETE SLOPE PAVING TO OUTFALL STRUCTURE LOWER CONCRETE APRON BY DOWELED METHOD WITH TOE WALLS, COMPLETE IN PLACE	LS	1	\$2,125.00	\$2,125.00

STRUCTURAL ITEMS SUBTOTAL: **\$6,897,396.50**

CLEARING AND GRUBBING ITEMS

1	CLEARING AND GRUBBING OF HEAVILY WOODED AREA, INCLUDES REMOVING ALL STUMPS AND ROOTS, EXCAVATION OF BURN PITS, BURNING OF CLEARING DEBRIS, HAULING OF ASHES OUTSIDE THE BOUNDARY OF THE SIENNA DEVELOPMENT, CLEAN-OUT OF BURN PITS, AND BACKFILL OF BURN PITS TO 95% STANDARD PROCTOR DENSITY IN MAXIMUM 8" LIFTS, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	19.6	\$8,050.00	\$157,780.00
2	CLEARING AND GRUBBING OF LIGHTLY WOODED AREA, INCLUDES REMOVING ALL STUMPS AND ROOTS, EXCAVATION OF BURN PITS, BURNING OF CLEARING DEBRIS, HAULING OF ASHES OUTSIDE THE BOUNDARY OF THE SIENNA DEVELOPMENT, CLEAN-OUT OF BURN PITS, AND BACKFILL OF BURN PITS TO 95% STANDARD PROCTOR DENSITY IN MAXIMUM 8" LIFTS, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	9.45	\$6,350.00	\$60,007.50
3	STRIPPING OF NON-WOODED AREAS WITHIN THE CHANNEL AND FILL AREAS, INCLUDES REMOVING ALL STUMPS AND ROOTS, AND STOCKPIILING AND FINAL REPLACEMENT OF STRIPPINGS, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	4.85	\$9,485.00	\$46,002.25
4	UNDERBRUSHING ONLY OF AREA, INCLUDES NO DISTURBANCE OF TREES GREATER THAN 4" IN DIAMETER, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	12.3	\$5,335.00	\$65,620.50

CLEARING AND GRUBBING ITEMS SUBTOTAL: **\$329,410.25**

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
5	REPAIR AND RESTORE EXISTING 8" CRUSHED LIMESTONE ACCESS ROAD ON CHANNEL 3 MAINTENANCE BERM OR TOP OF LEVEE, (GEOGRID, 6" SUBGRADE, 8" CRUSHED STONE), (ITEM TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	SY	5000	\$1.00	\$5,000.00
6	ORANGE FENCING FOR NON-CONSTRUCTION ZONE BOUNDARY DELINEATION, COMPLETE IN PLACE	LF	1450	\$4.50	\$6,525.00
7	EXTRA CEMENT STABILIZED SAND TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	CY	5000	\$1.00	\$5,000.00

MISCELLANEOUS ITEMS SUBTOTAL: **\$16,525.00**

BID TABULATION FOR:

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

CONSTRUCTION OF ATLAS 14 BRAZOS RIVER OUTFALL CHANNEL
 SIENNA PLANTATION LEVEE IMPROVEMENT DISTRICT OF FORT BEND COUNTY, TEXAS
 FORT BEND COUNTY, TEXAS
 FEBRUARY 2, 2021
 LJA ENGINEERING, INC.
 D. FORREST
 FEBRUARY 2, 2021
 1501-2001B (9.2)

4) TRIPLE B SERVICES, LLP

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
ALTERNATE BID NO. 1					
1	6" CONCRETE SLOPE PAVEMENT IN LIEU OF PYRAMAT AT LARGE DROP STRUCTURE, COMPLETE IN PLACE	SY	8400	\$75.00	\$630,000.00
ALTERNATE BID NO. 1 SUBTOTAL:					\$630,000.00
ALTERNATE BID NO. 2					
1	CLEARING AND GRUBBING OF HEAVILY WOODED OFFSITE SPOIL AREA, INCLUDES REMOVING ALL STUMPS AND ROOTS, SURFACE AND GROUNDWATER MANAGEMENT, EXCAVATION OF BURN PITS, BURNING OF CLEARING DEBRIS, HAULING OF ASHES OUTSIDE THE BOUNDARY OF THE SIENNA DEVELOPMENT, CLEAN-OUT OF BURN PITS, AND BACKFILL OF BURN PITS TO 95% STANDARD PROCTOR DENSITY IN MAXIMUM 8" LIFTS, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	34	\$9,000.00	\$306,000.00
2	INCREMENTAL INCREASE TO HAUL ON-ROAD DISTANCE OF 5 MILES TO MCKEEVER AT SIENNA PARKWAY, PLACED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, AS PER GEOTECHNICAL ENGINEER'S RECOMMENDATION, COMPLETE IN PLACE	CY	150000	\$10.00	\$1,500,000.00
ALTERNATE BID NO. 2 SUBTOTAL:					\$1,806,000.00
<u>BIDDING SUMMARY</u>					
SUBTOTAL DRAINAGE CHANNEL ITEMS					\$3,172,200.00
SUBTOTAL STRUCTURAL ITEMS					\$6,897,396.50
SUBTOTAL CLEARING AND GRUBBING ITEMS					\$329,410.25
SUBTOTAL MISCELLANEOUS ITEMS					\$16,525.00
TOTAL AMOUNT BASE BID					\$10,415,531.75
<u>ALTERNATE BID NO. 1</u>					
TOTAL AMOUNT BASE BID					\$10,415,531.75
SUBTOTAL ALTERNATE BID NO. 1					\$630,000.00
TOTAL AMOUNT INCLUDING ALTERNATE BID NO. 1					\$11,045,531.75
<u>ALTERNATE BID NO. 2</u>					
TOTAL AMOUNT BASE BID					\$10,415,531.75
SUBTOTAL ALTERNATE BID NO. 2					\$1,806,000.00
TOTAL AMOUNT INCLUDING ALTERNATE BID NO. 2					\$12,221,531.75