

BID TABULATION FOR:

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

CONSTRUCTION OF THE LAKE "E" PHASE 2 AND LAKE "H" TO SERVE POMONA
BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 40
CITY OF MANVEL E.T.J., BRAZORIA COUNTY, TEXAS
OCTOBER 7, 2021
LJA ENGINEERING, INC.
D. FORREST
OCTOBER 7, 2021
2149-6113 & 2149-6114 (9.2)

BIDDER'S NAME	TOTAL AMOUNT BID	BID INCLUDING ALTERNATE BID ITEMS	CALENDAR DAYS
1) HARRIS CONSTRUCTION COMPANY, LLC	\$2,580,787.00	\$6,641,035.10	240/270
2) LONGHORN EXCAVATORS, INC.	\$2,969,306.79	\$10,435,101.09	240/270
3) TEXAN DIRT, LLC	\$3,272,720.00	\$9,966,100.00	220/235
4) EARTH BUILDERS, L.P.	\$3,491,390.40	\$9,082,142.80	240/270
5) TLC CONSTRUCTION CONTRACT SERVICES	\$4,599,853.10	\$9,352,562.60	240/270



I, Adrian R. Todsen, P.E., hereby certify these bid tabulations to be true and correct.

BID TABULATION FOR:

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

CONSTRUCTION OF THE LAKE "E" PHASE 2 AND LAKE "H" TO SERVE POMONA
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 40
 CITY OF MANVEL E.T.J., BRAZORIA COUNTY, TEXAS
 OCTOBER 7, 2021
 LJA ENGINEERING, INC.
 D. FORREST
 OCTOBER 7, 2021
 2149-6113 & 2149-6114 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) HARRIS CONSTRUCTION COMPANY, LLC		2) LONGHORN EXCAVATORS, INC.		3) TEXAN DIRT, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
DETENTION POND AND DRAINAGE ITEMS									
1	EXCAVATION OF DETENTION PORTION OF LAKE 'E' PHASE 2 AND LAKE 'H', INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, HAULING USING OFF-ROAD TRUCKS, PLACEMENT AND COMPACTION OF FILL, AND RE-APPLICATION OF STRIPPINGS TO EXCAVATED AREA AND FILL AREAS, COMPLETE IN PLACE	CY	109381	\$2.95	\$322,673.95	\$3.60	\$393,771.60	\$3.90	\$426,585.90
2	24-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	205	\$96.50	\$19,782.50	\$103.50	\$21,217.50	\$120.00	\$24,600.00
3	4'X2' REINFORCED CONCRETE BOX CULVERT, ASTM-C1577, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	174	\$285.45	\$49,668.30	\$345.00	\$60,030.00	\$420.00	\$73,080.00
4	TRENCHLESS CONSTRUCTION OF 4'X2' BOX CULVERT (DOES NOT INCLUDE BOX), INCLUDES BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	40	\$1,250.00	\$50,000.00	\$1,322.52	\$52,900.80	\$1,075.00	\$43,000.00
5	6'X6' REINFORCED CONCRETE BOX CULVERT, ASTM-C1577, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	324	\$568.95	\$184,339.80	\$787.77	\$255,237.48	\$765.00	\$247,860.00
6	TRENCHLESS CONSTRUCTION OF 6'X6' BOX CULVERT (DOES NOT INCLUDE BOX), INCLUDES BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	44	\$2,400.00	\$105,600.00	\$2,481.72	\$109,195.68	\$1,445.00	\$63,580.00
7	STANDARD TYPE "C" MANHOLE WITH TYPE 'E' INLET TOP FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$4,200.00	\$8,400.00	\$5,871.00	\$11,742.00	\$8,050.00	\$16,100.00
8	REINFORCED JUNCTION BOX WITH TYPE "C" MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$19,750.00	\$39,500.00	\$10,350.00	\$20,700.00	\$18,000.00	\$36,000.00
9	TYPE 'E' INLET ON PROPOSED BOX CULVERT, OPEN ON ALL SIDES, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$4,100.00	\$8,200.00	\$3,756.00	\$7,512.00	\$3,750.00	\$7,500.00
10	5" REINFORCED CONCRETE SLOPE PAVING, INCLUDES TOE WALL ON ALL SIDES, (MEASURED IN PLAN VIEW), COMPLETE IN PLACE	SY	238	\$105.00	\$24,990.00	\$90.30	\$21,491.40	\$110.00	\$26,180.00
11	EXPOSED CELLULAR CONCRETE MATTRESS, INCLUDES BACKFILL AND GEOTEXTILE FABRIC, (MEASURED IN PLAN VIEW), COMPLETE IN PLACE	SY	762	\$85.00	\$64,770.00	\$129.00	\$98,298.00	\$150.00	\$114,300.00
12	CELLULAR CONCRETE MATTRESS FOR TOE TRENCH, INCLUDES BACKFILL AND GEOTEXTILE FABRIC, (MEASURED IN PLAN VIEW), COMPLETE IN PLACE	SY	250	\$85.00	\$21,250.00	\$129.00	\$32,250.00	\$150.00	\$37,500.00
13	5" REINFORCED CONCRETE EMERGENCY OVERFLOW SWALE, 6' BOTTOM, 6:1 SIDE SLOPES, PER DETAIL IN PLANS, COMPLETE IN PLACE	SY	135	\$105.00	\$14,175.00	\$90.30	\$12,190.50	\$110.00	\$14,850.00
14	BACKSLOPE SWALE, V-BOTTOM, 3:1 SLOPES, COMPLETE IN PLACE	LF	1506	\$2.00	\$3,012.00	\$3.00	\$4,518.00	\$5.00	\$7,530.00
15	TEMPORARY SWALES, SIDE SLOPES PER CONSTRUCTION PLANS, COMPLETE IN PLACE	LF	2642	\$2.00	\$5,284.00	\$3.00	\$7,926.00	\$5.00	\$13,210.00
16	REGRADE EXISTING BACKSLOPE SWALE, SIDE SLOPES PER CONSTRUCTION PLANS, COMPLETE IN PLACE	LF	899	\$2.00	\$1,798.00	\$3.00	\$2,697.00	\$5.00	\$4,495.00
17	BROADCAST SEEDING OF MAINTENANCE BERM, COMPLETE IN PLACE	AC	3.4	\$850.00	\$2,890.00	\$633.00	\$2,152.20	\$1,200.00	\$4,080.00
18	HYDROMULCH SEEDING AND FINE GRADING OF LAKE SIDE SLOPES AND PROPOSED SWALES, COMPLETE IN PLACE	AC	6.2	\$3,200.00	\$19,840.00	\$1,842.00	\$11,420.40	\$3,100.00	\$19,220.00
19	SURFACE WATER CONTROL. INCLUDES PUMPING REQUIRED TO CONSTRUCT PROPOSED PROJECT, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LS	1	\$15,000.00	\$15,000.00	\$27,900.00	\$27,900.00	\$15,000.00	\$15,000.00
20	DEWATERING FOR STORM SEWER CONSTRUCTION, ALL SIZES AND DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	703	\$20.00	\$14,060.00	\$36.00	\$25,308.00	\$40.00	\$28,120.00

BID TABULATION FOR:

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

CONSTRUCTION OF THE LAKE "E" PHASE 2 AND LAKE "H" TO SERVE POMONA
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 40
 CITY OF MANVEL E.T.J., BRAZORIA COUNTY, TEXAS
 OCTOBER 7, 2021
 LJA ENGINEERING, INC.
 D. FORREST
 OCTOBER 7, 2021
 2149-6113 & 2149-6114 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) HARRIS CONSTRUCTION COMPANY, LLC		2) LONGHORN EXCAVATORS, INC.		3) TEXAN DIRT, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
21	UTILITY SPOILS TO BE USED ON-SITE, INCLUDES STRIPPING, STOCKPILING, PLACEMENT, COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	1323	\$3.00	\$3,969.00	\$6.00	\$7,938.00	\$5.00	\$6,615.00
22	TRENCH SAFETY SYSTEM, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	619	\$1.50	\$928.50	\$8.64	\$5,348.16	\$3.50	\$2,166.50
DETENTION POND AND DRAINAGE ITEMS SUBTOTAL:					\$980,131.05		\$1,191,744.72		\$1,231,572.40
AMENITY POND ITEMS									
1	EXCAVATION OF LAKE PORTION OF LAKE 'E' PHASE 2 AND LAKE 'H', INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, HAULING USING OFF-ROAD TRUCKS, PLACEMENT AND COMPACTION OF FILL, AND RE-APPLICATION OF STRIPPINGS TO EXCAVATED AREA AND FILL AREAS, COMPLETE IN PLACE	CY	260419	\$3.05	\$794,277.95	\$3.90	\$1,015,634.10	\$3.90	\$1,015,634.10
2	2' CLAY LINER, INCLUDES OVER-EXCAVATION OF UNSUITABLE SOILS AND PLACEMENT AND COMPACTION OF SUITABLE ON-SITE EXCAVATED MATERIAL, PER GEOTECHNICAL ENGINEER RECOMMENDATIONS, COMPLETE IN PLACE	SY	65956	\$4.00	\$263,824.00	\$3.69	\$243,377.64	\$4.00	\$263,824.00
3	TEMPORARY COFFER DAM, INCLUDES PUMPING, INSTALLATION AND REMOVAL UPON COMPLETION, COMPLETE IN PLACE	LS	1	\$10,000.00	\$10,000.00	\$21,000.00	\$21,000.00	\$2,500.00	\$2,500.00
4	GROUNDWATER CONTROL TO COMPLETE CONSTRUCTION OF POND, INCLUDES CONVENTIONAL VACUUM TYPE WELL POINTS, INTERNAL SUMPS AND PUMPS, OR ANY TYPE OF PUMPING AS NECESSARY TO COMPLETE CONSTRUCTION OF THE PROJECT (TO USED ONLY AT WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	12.1	\$12,500.00	\$151,250.00	\$15,000.00	\$181,500.00	\$25,000.00	\$302,500.00
AMENITY POND ITEMS SUBTOTAL:					\$1,219,351.95		\$1,461,511.74		\$1,584,458.10
MISCELLANEOUS ITEMS									
1	CITY OF MANVEL PERMITTING FEE, COMPLETE IN PLACE	LS	1	\$27,500.00	\$27,500.00	\$25,440.00	\$25,440.00	\$75,000.50	\$75,000.50
2	LIGHT CLEARING AND GRUBBING, INCLUDES BURNING MATERIAL ON-SITE (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	10.2	\$6,500.00	\$66,300.00	\$4,620.00	\$47,124.00	\$8,500.00	\$86,700.00
3	HEAVY CLEARING AND GRUBBING, INCLUDES BURNING MATERIAL ON-SITE (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	6.3	\$8,500.00	\$53,550.00	\$8,070.00	\$50,841.00	\$12,500.00	\$78,750.00
4	EXTRA COST TO HAUL CLEARING AND GRUBBING MATERIAL OFF-SITE IN LIEU OF ON SITE BURNING (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER)	AC	16.5	\$1,800.00	\$29,700.00	\$12.00	\$198.00	\$1,500.00	\$24,750.00
5	REMOVE AND DISPOSE OF EXISTING BARBED WIRE FENCE, COMPLETE IN PLACE	LF	1978	\$5.00	\$9,890.00	\$3.00	\$5,934.00	\$5.00	\$9,890.00
6	REMOVE AND DISPOSE OF EXISTING CHAIN LINK FENCE, COMPLETE IN PLACE	LF	773	\$25.00	\$19,325.00	\$9.00	\$6,957.00	\$8.00	\$6,184.00
7	REMOVE AND DISPOSE OF EXISTING 18" RCP CULVERT, COMPLETE IN PLACE	LF	98	\$30.00	\$2,940.00	\$33.00	\$3,234.00	\$25.00	\$2,450.00
8	INSTALL BRICK PLUG IN EXISTING STORM SEWER, ALL SIZES, COMPLETE IN PLACE	EA	5	\$750.00	\$3,750.00	\$1,725.00	\$8,625.00	\$1,300.00	\$6,500.00
9	REMOVE AND DISPOSE OF EXISTING SAFETY END TREATMENT, ALL SIZES, COMPLETE IN PLACE	EA	5	\$350.00	\$1,750.00	\$1,725.00	\$8,625.00	\$2,500.00	\$12,500.00
10	CONTRACTOR TO REMOVE EXISTING TYPE "C" MANHOLE TOP AND REPLACE WITH GRATE INLET TOP AND ADJUST RIM TO PROPOSED ELEVATION, COMPLETE IN PLACE	EA	3	\$1,200.00	\$3,600.00	\$1,725.00	\$5,175.00	\$2,000.00	\$6,000.00
11	REMOVE AND DISPOSE OF EXISTING GRAVEL DRIVEWAY, COMPLETE IN PLACE	SY	880	\$19.25	\$16,940.00	\$9.00	\$7,920.00	\$10.00	\$8,800.00

BID TABULATION FOR:

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

CONSTRUCTION OF THE LAKE "E" PHASE 2 AND LAKE "H" TO SERVE POMONA
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 40
 CITY OF MANVEL E.T.J., BRAZORIA COUNTY, TEXAS
 OCTOBER 7, 2021
 LJA ENGINEERING, INC.
 D. FORREST
 OCTOBER 7, 2021
 2149-6113 & 2149-6114 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) HARRIS CONSTRUCTION COMPANY, LLC		2) LONGHORN EXCAVATORS, INC.		3) TEXAN DIRT, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
12	REMOVE AND DISPOSE OF EXISTING BACKSLOPE INTERCEPTOR STRUCTURE, INCLUDES REMOVAL OF SLOPE PAVING AND PIPE, COMPLETE IN PLACE	EA	5	\$1,200.00	\$6,000.00	\$1,110.00	\$5,550.00	\$2,500.00	\$12,500.00
13	REMOVE AND DISPOSE OF EXISTING CONCRETE PILOT CHANNEL, COMPLETE IN PLACE	SY	466	\$34.00	\$15,844.00	\$21.00	\$9,786.00	\$25.00	\$11,650.00
14	ADJUST AND CAP EXISTING WATER WELL, COMPLETE IN PLACE	EA	3	\$12,000.00	\$36,000.00	\$3,450.00	\$10,350.00	\$11,000.00	\$33,000.00
15	EXTRA CEMENT STABILIZED SAND, (1.1 SACKS PER TON), (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), ALL DEPTHS, COMPLETE IN PLACE	CY	100	\$25.00	\$2,500.00	\$28.77	\$2,877.00	\$15.00	\$1,500.00
16	AS-BUILT SURVEY OF FILLED AREAS AND COMPLETED LAKES, (BY LJA SURVEYING, INC.), COMPLETE IN PLACE	LS	1	\$20,000.00	\$20,000.00	\$23,100.00	\$23,100.00	\$20,000.00	\$20,000.00
17	REPAIR EXISTING 6" REINFORCED CONCRETE CURB AT ORCHARD PARK LANE AS NEEDED TO MATCH EXISTING CONDITIONS, COMPLETE IN PLACE	LF	50	\$23.00	\$1,150.00	\$11.52	\$576.00	\$100.00	\$5,000.00
18	REPAIR EXISITING 7" REINFORCED CONCRETE PAVEMENT AT ORCHARD PARK LANE AS NEEDED, TO MATCH EXISTING CONDITIONS, COMPLETE IN PLAC	SY	100	\$225.00	\$22,500.00	\$115.02	\$11,502.00	\$120.00	\$12,000.00
19	TEMPORARY TRAFFIC CONTROL PLAN, INCLUDES INSTALLATION, IMPLEMENTATION, AND REMOVAL UPON COMPLETION, COMPLETE IN PLACE	LS	1	\$10,000.00	\$10,000.00	\$27,900.00	\$27,900.00	\$8,500.00	\$8,500.00
20	MAINTENANCE OF GRASSED AREAS AS REQUIRED TO ESTABLISH AN ACCEPTABLE LAWN, INCLUDES WATERING, FERTILIZING, WEEDING, MOWING AND EROSION REPAIR, COMPLETE IN PLACE	MO	3	\$2,200.00	\$6,600.00	\$4,200.00	\$12,600.00	\$3,000.00	\$9,000.00
MISCELLANEOUS ITEMS SUBTOTAL:					\$355,839.00		\$274,314.00		\$430,674.50
SWPPP ITEMS									
1	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE AND INSPECTIONS, COMPLETE IN PLACE	LS	1	\$1,200.00	\$1,200.00	\$6,900.00	\$6,900.00	\$2,500.00	\$2,500.00
2	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT PIT, COMPLETE IN PLACE	EA	3	\$1,000.00	\$3,000.00	\$3,000.00	\$9,000.00	\$500.00	\$1,500.00
3	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION ENTRANCE, COMPLETE IN PLACE	EA	3	\$1,800.00	\$5,400.00	\$3,000.00	\$9,000.00	\$2,000.00	\$6,000.00
4	STAGE II INLET PROTECTION BARRIERS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	6	\$50.00	\$300.00	\$87.00	\$522.00	\$75.00	\$450.00
5	TYPE III INLET PROTECTION BARRIERS, COMPLETE IN PLACE	EA	23	\$50.00	\$1,150.00	\$57.51	\$1,322.73	\$50.00	\$1,150.00
6	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE	LF	9610	\$1.50	\$14,415.00	\$1.56	\$14,991.60	\$1.50	\$14,415.00
SWPPP ITEMS SUBTOTAL:					\$25,465.00		\$41,736.33		\$26,015.00
ALTERNATE BID ITEMS									
1	EXCAVATION OF LAKE "E" PHASE 2 AND LAKE "H" AND HAUL OFFSITE FOR DISPOSAL, TO BE USED IN LIEU OF DETENTION POND AND DRAINAGE ITEM NO. 1 AND AMENITY POND ITEM NO. 1, COMPLETE IN PLACE	CY	369800	\$14.00	\$5,177,200.00	\$24.00	\$8,875,200.00	\$22.00	\$8,135,600.00
ALTERNATE BID ITEMS SUBTOTAL:					\$5,177,200.00		\$8,875,200.00		\$8,135,600.00
BIDDING SUMMARY									
SUBTOTAL DETENTION POND AND DRAINAGE ITEMS					\$980,131.05		\$1,191,744.72		\$1,231,572.40
SUBTOTAL AMENITY POND ITEMS					\$1,219,351.95		\$1,461,511.74		\$1,584,458.10

BID TABULATION FOR:

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

CONSTRUCTION OF THE LAKE "E" PHASE 2 AND LAKE "H" TO SERVE POMONA
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 40
 CITY OF MANVEL E.T.J., BRAZORIA COUNTY, TEXAS
 OCTOBER 7, 2021
 LJA ENGINEERING, INC.
 D. FORREST
 OCTOBER 7, 2021
 2149-6113 & 2149-6114 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) HARRIS CONSTRUCTION COMPANY, LLC		2) LONGHORN EXCAVATORS, INC.		3) TEXAN DIRT, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
	SUBTOTAL MISCELLANEOUS ITEMS				\$355,839.00		\$274,314.00		\$430,674.50
	SUBTOTAL SWPPP ITEMS				\$25,465.00		\$41,736.33		\$26,015.00
	TOTAL AMOUNT BASE BID				\$2,580,787.00		\$2,969,306.79		\$3,272,720.00
<u>ALTERNATE BID ITEMS</u>									
	TOTAL AMOUNT BASE BID				\$2,580,787.00		\$2,969,306.79		\$3,272,720.00
	DEDUCT DETENTION POND AND DRAINAGE ITEMS ITEM NO.1				-\$322,673.95		-\$393,771.60		-\$426,585.90
	DEDUCT AMENITY POND ITEMS ITEM NO.1				-\$794,277.95		-\$1,015,634.10		-\$1,015,634.10
	SUBTOTAL ALTERNATE BID ITEMS				\$5,177,200.00		\$8,875,200.00		\$8,135,600.00
	TOTAL AMOUNT INCLUDING ALTERNATE BID ITEMS				\$6,641,035.10		\$10,435,101.09		\$9,966,100.00

LJA Engineering, Inc.

BID TABULATION FOR:

CONSTRUCTION OF THE LAKE "E" PHASE 2 AND LAKE "H" TO SERVE POMONA
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 40
 CITY OF MANVEL E.T.J., BRAZORIA COUNTY, TEXAS
 OCTOBER 7, 2021
 LJA ENGINEERING, INC.
 D. FORREST
 OCTOBER 7, 2021
 2149-6113 & 2149-6114 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) EARTH BUILDERS, L.P.		i) TLC CONSTRUCTION CONTRACT SERVICES	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
DETENTION POND AND DRAINAGE ITEMS							
1	EXCAVATION OF DETENTION PORTION OF LAKE 'E' PHASE 2 AND LAKE 'H', INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, HAULING USING OFF-ROAD TRUCKS, PLACEMENT AND COMPACTION OF FILL, AND RE-APPLICATION OF STRIPPINGS TO EXCAVATED AREA AND FILL AREAS, COMPLETE IN PLACE	CY	109381	\$4.60	\$503,152.60	\$7.50	\$820,357.50
2	24-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	205	\$100.00	\$20,500.00	\$125.00	\$25,625.00
3	4'X2' REINFORCED CONCRETE BOX CULVERT, ASTM-C1577, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	174	\$360.00	\$62,640.00	\$315.00	\$54,810.00
4	TRENCHLESS CONSTRUCTION OF 4'X2' BOX CULVERT (DOES NOT INCLUDE BOX), INCLUDES BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	40	\$2,300.00	\$92,000.00	\$3,006.00	\$120,240.00
5	6'X6' REINFORCED CONCRETE BOX CULVERT, ASTM-C1577, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	324	\$800.00	\$259,200.00	\$647.00	\$209,628.00
6	TRENCHLESS CONSTRUCTION OF 6'X6' BOX CULVERT (DOES NOT INCLUDE BOX), INCLUDES BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	44	\$2,400.00	\$105,600.00	\$3,523.00	\$155,012.00
7	STANDARD TYPE "C" MANHOLE WITH TYPE 'E' INLET TOP FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$5,600.00	\$11,200.00	\$6,500.00	\$13,000.00
8	REINFORCED JUNCTION BOX WITH TYPE "C" MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$24,000.00	\$48,000.00	\$11,822.00	\$23,644.00
9	TYPE 'E' INLET ON PROPOSED BOX CULVERT, OPEN ON ALL SIDES, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$4,000.00	\$8,000.00	\$5,241.00	\$10,482.00
10	5" REINFORCED CONCRETE SLOPE PAVING, INCLUDES TOE WALL ON ALL SIDES, (MEASURED IN PLAN VIEW), COMPLETE IN PLACE	SY	238	\$100.00	\$23,800.00	\$103.00	\$24,514.00
11	EXPOSED CELLULAR CONCRETE MATTRESS, INCLUDES BACKFILL AND GEOTEXTILE FABRIC, (MEASURED IN PLAN VIEW), COMPLETE IN PLACE	SY	762	\$125.00	\$95,250.00	\$74.00	\$56,388.00
12	CELLULAR CONCRETE MATTRESS FOR TOE TRENCH, INCLUDES BACKFILL AND GEOTEXTILE FABRIC, (MEASURED IN PLAN VIEW), COMPLETE IN PLACE	SY	250	\$125.00	\$31,250.00	\$85.00	\$21,250.00
13	5" REINFORCED CONCRETE EMERGENCY OVERFLOW SWALE, 6' BOTTOM, 6:1 SIDE SLOPES, PER DETAIL IN PLANS, COMPLETE IN PLACE	SY	135	\$120.00	\$16,200.00	\$104.00	\$14,040.00
14	BACKSLOPE SWALE, V-BOTTOM, 3:1 SLOPES, COMPLETE IN PLACE	LF	1506	\$5.00	\$7,530.00	\$4.00	\$6,024.00
15	TEMPORARY SWALES, SIDE SLOPES PER CONSTRUCTION PLANS, COMPLETE IN PLACE	LF	2642	\$3.00	\$7,926.00	\$4.00	\$10,568.00
16	REGRADE EXISTING BACKSLOPE SWALE, SIDE SLOPES PER CONSTRUCTION PLANS, COMPLETE IN PLACE	LF	899	\$5.00	\$4,495.00	\$3.00	\$2,697.00
17	BROADCAST SEEDING OF MAINTENANCE BERM, COMPLETE IN PLACE	AC	3.4	\$1,200.00	\$4,080.00	\$1,172.00	\$3,984.80
18	HYDROMULCH SEEDING AND FINE GRADING OF LAKE SIDE SLOPES AND PROPOSED SWALES, COMPLETE IN PLACE	AC	6.2	\$2,100.00	\$13,020.00	\$4,301.00	\$26,666.20
19	SURFACE WATER CONTROL. INCLUDES PUMPING REQUIRED TO CONSTRUCT PROPOSED PROJECT, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LS	1	\$35,000.00	\$35,000.00	\$25,994.00	\$25,994.00
20	DEWATERING FOR STORM SEWER CONSTRUCTION, ALL SIZES AND DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	703	\$25.00	\$17,575.00	\$45.00	\$31,635.00

BID TABULATION FOR:

CONSTRUCTION OF THE LAKE "E" PHASE 2 AND LAKE "H" TO SERVE POMONA
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 40
 CITY OF MANVEL E.T.J., BRAZORIA COUNTY, TEXAS
 OCTOBER 7, 2021
 LJA ENGINEERING, INC.
 D. FORREST
 OCTOBER 7, 2021
 2149-6113 & 2149-6114 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) EARTH BUILDERS, L.P.		i) TLC CONSTRUCTION CONTRACT SERVICES	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
21	UTILITY SPOILS TO BE USED ON-SITE, INCLUDES STRIPPING, STOCKPILING, PLACEMENT, COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	1323	\$4.00	\$5,292.00	\$2.00	\$2,646.00
22	TRENCH SAFETY SYSTEM, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	619	\$10.00	\$6,190.00	\$1.00	\$619.00
DETENTION POND AND DRAINAGE ITEMS SUBTOTAL:					\$1,377,900.60		\$1,659,824.50
AMENITY POND ITEMS							
1	EXCAVATION OF LAKE PORTION OF LAKE 'E' PHASE 2 AND LAKE 'H', INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, HAULING USING OFF-ROAD TRUCKS, PLACEMENT AND COMPACTION OF FILL, AND RE-APPLICATION OF STRIPPINGS TO EXCAVATED AREA AND FILL AREAS, COMPLETE IN PLACE	CY	260419	\$5.00	\$1,302,095.00	\$7.00	\$1,822,933.00
2	2' CLAY LINER, INCLUDES OVER-EXCAVATION OF UNSUITABLE SOILS AND PLACEMENT AND COMPACTION OF SUITABLE ON-SITE EXCAVATED MATERIAL, PER GEOTECHNICAL ENGINEER RECOMMENDATIONS, COMPLETE IN PLACE	SY	65956	\$6.30	\$415,522.80	\$8.00	\$527,648.00
3	TEMPORARY COFFER DAM, INCLUDES PUMPING, INSTALLATION AND REMOVAL UPON COMPLETION, COMPLETE IN PLACE	LS	1	\$40,000.00	\$40,000.00	\$8,033.00	\$8,033.00
4	GROUNDWATER CONTROL TO COMPLETE CONSTRUCTION OF POND, INCLUDES CONVENTIONAL VACUUM TYPE WELL POINTS, INTERNAL SUMPS AND PUMPS, OR ANY TYPE OF PUMPING AS NECESSARY TO COMPLETE CONSTRUCTION OF THE PROJECT (TO USED ONLY AT WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	12.1	\$3,500.00	\$42,350.00	\$3,420.00	\$41,382.00
AMENITY POND ITEMS SUBTOTAL:					\$1,799,967.80		\$2,399,996.00
MISCELLANEOUS ITEMS							
1	CITY OF MANVEL PERMITTING FEE, COMPLETE IN PLACE	LS	1	\$20,000.00	\$20,000.00	\$238,283.00	\$238,283.00
2	LIGHT CLEARING AND GRUBBING, INCLUDES BURNING MATERIAL ON-SITE (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	10.2	\$2,200.00	\$22,440.00	\$4,828.00	\$49,245.60
3	HEAVY CLEARING AND GRUBBING, INCLUDES BURNING MATERIAL ON-SITE (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	6.3	\$8,000.00	\$50,400.00	\$9,655.00	\$60,826.50
4	EXTRA COST TO HAUL CLEARING AND GRUBBING MATERIAL OFF-SITE IN LIEU OF ON SITE BURNING (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER)	AC	16.5	\$1,800.00	\$29,700.00	\$1,379.00	\$22,753.50
5	REMOVE AND DISPOSE OF EXISTING BARBED WIRE FENCE, COMPLETE IN PLACE	LF	1978	\$3.00	\$5,934.00	\$3.00	\$5,934.00
6	REMOVE AND DISPOSE OF EXISTING CHAIN LINK FENCE, COMPLETE IN PLACE	LF	773	\$5.00	\$3,865.00	\$6.00	\$4,638.00
7	REMOVE AND DISPOSE OF EXISTING 18" RCP CULVERT, COMPLETE IN PLACE	LF	98	\$25.00	\$2,450.00	\$36.00	\$3,528.00
8	INSTALL BRICK PLUG IN EXISTING STORM SEWER, ALL SIZES, COMPLETE IN PLACE	EA	5	\$800.00	\$4,000.00	\$384.00	\$1,920.00
9	REMOVE AND DISPOSE OF EXISTING SAFETY END TREATMENT, ALL SIZES, COMPLETE IN PLACE	EA	5	\$500.00	\$2,500.00	\$392.00	\$1,960.00
10	CONTRACTOR TO REMOVE EXISTING TYPE "C" MANHOLE TOP AND REPLACE WITH GRATE INLET TOP AND ADJUST RIM TO PROPOSED ELEVATION, COMPLETE IN PLACE	EA	3	\$5,000.00	\$15,000.00	\$3,536.00	\$10,608.00
11	REMOVE AND DISPOSE OF EXISTING GRAVEL DRIVEWAY, COMPLETE IN PLACE	SY	880	\$15.00	\$13,200.00	\$16.00	\$14,080.00

BID TABULATION FOR:

CONSTRUCTION OF THE LAKE "E" PHASE 2 AND LAKE "H" TO SERVE POMONA
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 40
 CITY OF MANVEL E.T.J., BRAZORIA COUNTY, TEXAS
 OCTOBER 7, 2021
 LJA ENGINEERING, INC.
 D. FORREST
 OCTOBER 7, 2021
 2149-6113 & 2149-6114 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) EARTH BUILDERS, L.P.		i) TLC CONSTRUCTION CONTRACT SERVICES	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
12	REMOVE AND DISPOSE OF EXISTING BACKSLOPE INTERCEPTOR STRUCTURE, INCLUDES REMOVAL OF SLOPE PAVING AND PIPE, COMPLETE IN PLACE	EA	5	\$2,500.00	\$12,500.00	\$2,946.00	\$14,730.00
13	REMOVE AND DISPOSE OF EXISTING CONCRETE PILOT CHANNEL, COMPLETE IN PLACE	SY	466	\$18.00	\$8,388.00	\$7.00	\$3,262.00
14	ADJUST AND CAP EXISTING WATER WELL, COMPLETE IN PLACE	EA	3	\$8,000.00	\$24,000.00	\$3,500.00	\$10,500.00
15	EXTRA CEMENT STABILIZED SAND, (1.1 SACKS PER TON), (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), ALL DEPTHS, COMPLETE IN PLACE	CY	100	\$40.00	\$4,000.00	\$15.00	\$1,500.00
16	AS-BUILT SURVEY OF FILLED AREAS AND COMPLETED LAKES, (BY LJA SURVEYING, INC.), COMPLETE IN PLACE	LS	1	\$24,000.00	\$24,000.00	\$20,000.00	\$20,000.00
17	REPAIR EXISTING 6" REINFORCED CONCRETE CURB AT ORCHARD PARK LANE AS NEEDED TO MATCH EXISTING CONDITIONS, COMPLETE IN PLACE	LF	50	\$35.00	\$1,750.00	\$57.00	\$2,850.00
18	REPAIR EXISITING 7" REINFORCED CONCRETE PAVEMENT AT ORCHARD PARK LANE AS NEEDED, TO MATCH EXISTING CONDITIONS, COMPLETE IN PLAC	SY	100	\$120.00	\$12,000.00	\$122.00	\$12,200.00
19	TEMPORARY TRAFFIC CONTROL PLAN, INCLUDES INSTALLATION, IMPLEMENTATION, AND REMOVAL UPON COMPLETION, COMPLETE IN PLACE	LS	1	\$7,000.00	\$7,000.00	\$4,138.00	\$4,138.00
20	MAINTENANCE OF GRASSED AREAS AS REQUIRED TO ESTABLISH AN ACCEPTABLE LAWN, INCLUDES WATERING, FERTILIZING, WEEDING, MOWING AND EROSION REPAIR, COMPLETE IN PLACE	MO	3	\$4,000.00	\$12,000.00	\$5,777.00	\$17,331.00
MISCELLANEOUS ITEMS SUBTOTAL:					\$275,127.00	\$500,287.60	
SWPPP ITEMS							
1	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE AND INSPECTIONS, COMPLETE IN PLACE	LS	1	\$3,500.00	\$3,500.00	\$5,800.00	\$5,800.00
2	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT PIT, COMPLETE IN PLACE	EA	3	\$1,000.00	\$3,000.00	\$900.00	\$2,700.00
3	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION ENTRANCE, COMPLETE IN PLACE	EA	3	\$3,500.00	\$10,500.00	\$2,800.00	\$8,400.00
4	STAGE II INLET PROTECTION BARRIERS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	6	\$75.00	\$450.00	\$125.00	\$750.00
5	TYPE III INLET PROTECTION BARRIERS, COMPLETE IN PLACE	EA	23	\$75.00	\$1,725.00	\$125.00	\$2,875.00
6	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE	LF	9610	\$2.00	\$19,220.00	\$2.00	\$19,220.00
SWPPP ITEMS SUBTOTAL:					\$38,395.00	\$39,745.00	
ALTERNATE BID ITEMS							
1	EXCAVATION OF LAKE "E" PHASE 2 AND LAKE "H" AND HAUL OFFSITE FOR DISPOSAL, TO BE USED IN LIEU OF DETENTION POND AND DRAINAGE ITEM NO. 1 AND AMENITY POND ITEM NO. 1, COMPLETE IN PLACE	CY	369800	\$20.00	\$7,396,000.00	\$20.00	\$7,396,000.00
ALTERNATE BID ITEMS SUBTOTAL:					\$7,396,000.00	\$7,396,000.00	
BIDDING SUMMARY							
SUBTOTAL DETENTION POND AND DRAINAGE ITEMS					\$1,377,900.60	\$1,659,824.50	
SUBTOTAL AMENITY POND ITEMS					\$1,799,967.80	\$2,399,996.00	

BID TABULATION FOR:

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

CONSTRUCTION OF THE LAKE "E" PHASE 2 AND LAKE "H" TO SERVE POMONA
BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 40
CITY OF MANVEL E.T.J., BRAZORIA COUNTY, TEXAS
OCTOBER 7, 2021
LJA ENGINEERING, INC.
D. FORREST
OCTOBER 7, 2021
2149-6113 & 2149-6114 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) EARTH BUILDERS, L.P.		i) TLC CONSTRUCTION CONTRACT SERVICES	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
SUBTOTAL MISCELLANEOUS ITEMS					\$275,127.00		\$500,287.60
SUBTOTAL SWPPP ITEMS					\$38,395.00		\$39,745.00
TOTAL AMOUNT BASE BID					\$3,491,390.40		\$4,599,853.10
<u>ALTERNATE BID ITEMS</u>							
TOTAL AMOUNT BASE BID					\$3,491,390.40		\$4,599,853.10
DEDUCT DETENTION POND AND DRAINAGE ITEMS ITEM NO.1					-\$503,152.60		-\$820,357.50
DEDUCT AMENITY POND ITEMS ITEM NO.1					-\$1,302,095.00		-\$1,822,933.00
SUBTOTAL ALTERNATE BID ITEMS					\$7,396,000.00		\$7,396,000.00
TOTAL AMOUNT INCLUDING ALTERNATE BID ITEMS					\$9,082,142.80		\$9,352,562.60

LJA Engineering, Inc.