

BID TABULATION FOR:

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

CONSTRUCTION OF THE PHASE 2 DETENTION FACILITIES
TO SERVE KATY MANOR SOUTH
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
MAY 2, 2019
LJA ENGINEERING, INC.
L. MARTINEZ
MAY 6, 2019
1750-3218 (9.2)

BIDDER'S NAME	TOTAL BID AMOUNT	TOTAL AMOUNT BID INCL ALTERNATE BID ITEM
1) HURTADO CONSTRUCTION COMPANY	\$1,028,257.22	\$1,442,948.42 *
2) BURNSIDE SERVICES, INC.	\$1,069,072.90	\$1,974,685.30
3) ANCHOR EXCAVATORS	\$1,116,622.80	\$2,414,972.16
4) TEXAN DIRT, LLC	\$1,195,772.00	\$2,592,305.60
5) LONNIE LISCHKA COMPANY, LP	\$1,202,544.24	\$2,726,534.40
6) DOUBLE OAK CONSTRUCTION, INC.	\$1,386,050.94	\$2,544,746.94
7) LINDSEY CONSTRUCTION, INC.	\$1,398,499.60	\$2,718,803.20
8) G.W. PHILLIPS CONCRETE CONSTRUCTION, INC.	\$1,588,200.50	\$2,426,730.50
9) EARTH BUILDERS, LP	\$1,790,831.00	\$2,833,657.40
10) TRIPLE B SERVICES, LLP	\$2,000,000.00	\$3,579,485.60

CALENDAR DAYS - 45/60



5/8/2019

I, Micheal Wang, P.E., hereby certify these bid tabulations to be true and correct.

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ITEM DESCRIPTION	UNIT	QTY	1) HURTADO CONSTRUCTION COMPANY		2) BURNSIDE SERVICES, INC.		3) ANCHOR EXCAVATORS		
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
DETENTION EXCAVATION ITEMS									
1. DETENTION EXCAVATION FROM DETENTION PONDS, INCLUDES STRIPPING AND STOCKPILE OF STRIPPINGS AND REPLACEMENT OF STRIPPINGS UPON COMPLETION, COMPLETE IN PLACE	CY	60,984	\$1.58	\$96,354.72	\$2.00	\$121,968.00	\$1.20	\$73,180.80	
2. AMENITY EXCAVATION FROM DETENTION PONDS, INCLUDES STRIPPING AND STOCKPILE OF STRIPPINGS AND REPLACEMENT OF STRIPPINGS UPON COMPLETION COMPLETE IN PLACE	CY	57,618	\$1.68	\$96,798.24	\$2.00	\$115,236.00	\$1.20	\$69,141.60	
3. HAUL TO FILL AREAS, PLACEMENT, GRADING AND COMPACTION (95% STANDARD PROCTOR DENSITY) OF EXCAVATED DETENTION MATERIAL AS SHOWN ON GRADING PLAN INCLUDES STRIPPING OF FILL AREAS, STOCKPILE OF STRIPPING, REPLACEMENT OF STRIPPINGS UPON COMPLETION, COMPLETE IN PLACE	CY	60,984	\$2.08	\$126,846.72	\$1.15	\$70,131.60	\$1.40	\$85,377.60	
4. HAUL TO FILL AREAS, PLACEMENT, GRADING AND COMPACTION (95% STANDARD PROCTOR DENSITY) OF EXCAVATED AMENITY MATERIAL AS SHOWN ON GRADING PLAN INCLUDES STRIPPING OF FILL AREAS, STOCKPILE OF STRIPPING, REPLACEMENT OF STRIPPINGS UPON COMPLETION, COMPLETE IN PLACE	CY	57,618	\$2.18	\$125,607.24	\$1.15	\$66,260.70	\$1.40	\$80,665.20	
5. MANIPULATION OF EXISTING SOIL WITHIN POND BOTTOM AND SIDES BELOW WATER SURFACE ELEVATION, INCLUDES MOISTURE CONDITIONING BY SCARIFYING TO A MINIMUM DEPTH OF 12 INCHES AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	SY	22,822	\$0.04	\$912.88	\$1.35	\$30,809.70	\$1.25	\$28,527.50	
6. CLEARING & GRUBBING OF EXCAVATION AND FILL AREAS, COMPLETE IN PLACE	AC	40	\$2,788.00	\$111,520.00	\$1,500.00	\$60,000.00	\$1,800.00	\$72,000.00	
7. DEMUCK AND DESILT EXISTING POND, COMPLETE IN PLACE	LS	1	\$4,888.00	\$4,888.00	\$20,000.00	\$20,000.00	\$10,000.00	\$10,000.00	
8. EXCAVATION, PLACEMENT, GRADING AND COMPACTION (95% STANDARD PROCTOR DENSITY) OF MATERIAL WITHIN FILL AREAS, INCLUDES STRIPPING, STOCKPILE OF STRIPPING, REPLACEMENT OF STRIPPING UPON COMPLETION, COMPLETE IN PLACE	CY	14,866	\$1.88	\$27,948.08	\$3.15	\$46,827.90	\$2.60	\$38,651.60	
SUBTOTAL DETENTION EXCAVATION ITEMS				\$590,875.88		\$531,233.90		\$457,544.30	
DETENTION DRAINAGE ITEMS									
1. 24" R.C.P., ASTM C-76, CLASS III STORM SEWER, ALL CUTS, TO INCLUDE BEDDING & BACKFILL, COMPLETE IN PLACE	LF	89	\$68.88	\$6,130.32	\$65.00	\$5,785.00	\$57.50	\$5,117.50	
2. 42" R.C.P., ASTM C-76, CLASS III STORM SEWER, ALL CUTS, TO INCLUDE BEDDING & BACKFILL, COMPLETE IN PLACE	LF	18	\$125.98	\$2,267.64	\$125.00	\$2,250.00	\$160.00	\$2,880.00	
3. 48" R.C.P., ASTM C-76, CLASS III STORM SEWER, ALL CUTS, TO INCLUDE BEDDING & BACKFILL, COMPLETE IN PLACE	LF	841	\$138.00	\$116,058.00	\$155.00	\$130,355.00	\$190.00	\$159,790.00	
4. BORE AND JACK FOR 48" R.C.P. STORM SEWER, DOES NOT INCLUDE PIPE, COMPLETE IN PLACE	LF	193	\$428.00	\$82,604.00	\$300.00	\$57,900.00	\$650.00	\$125,450.00	
5. TRENCH SAFETY SYSTEM, ALL DEPTHS, INCLUDING TRENCH SAFETY FOR STORM SEWER PIPES AND SAFETY END TREATMENTS, COMPLETE IN PLACE	LF	756	\$0.08	\$60.48	\$1.00	\$756.00	\$1.50	\$1,134.00	
6. TYPE 'C' MANHOLE FOR 48" STORM SEWERS AND LARGER WITH TYPE 'E' INLET TOP, INCLUDES INLET PROTECTION BARRIER, ALL SIDES OPEN, ALL DEPTHS, COMPLETE IN PLACE	EA	5	\$5,188.00	\$25,940.00	\$4,500.00	\$22,500.00	\$7,500.00	\$37,500.00	
7. TYPE 'E' INLET, INCLUDES INLET PROTECTION BARRIER, ALL SIDES OPEN, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$5,188.00	\$5,188.00	\$4,500.00	\$4,500.00	\$1,750.00	\$1,750.00	
8. 5" REINFORCED CONCRETE SLOPE PAVING, INCLUDING 2' TOE WALL AROUND EDGES, COMPLETE IN PLACE	SY	118	\$74.88	\$8,835.84	\$90.00	\$10,620.00	\$79.00	\$9,322.00	

* MATHEMATICAL ERROR

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 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
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1) HURTADO CONSTRUCTION COMPANY 2) BURNSIDE SERVICES, INC. 3) ANCHOR EXCAVATORS

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
9.	8" BRICK PLUG FOR 24" STORM SEWER, COMPLETE IN PLACE	EA	1	\$28.00	\$28.00	\$500.00	\$500.00	\$450.00	\$450.00
10.	8" BRICK PLUG FOR 42" STORM SEWER, COMPLETE IN PLACE	EA	2	\$48.00	\$96.00	\$500.00	\$1,000.00	\$650.00	\$1,300.00
11.	8" BRICK PLUG FOR 48" STORM SEWER, COMPLETE IN PLACE	EA	1	\$48.00	\$48.00	\$500.00	\$500.00	\$750.00	\$750.00
12.	UTILITY SPOIL TO BE HAULED, SPREAD, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	LS	1	\$8.88	\$8.88	\$5,000.00	\$5,000.00	\$3,500.00	\$3,500.00
13.	REMOVE EXISTING 8" BRICK PLUG AND CONNECT PROPOSED 48" STORM SEWER, INCLUDES TEMPORARY BRICK PLUG, BYPASS PUMPING COFFER DAMS (AS NEEDED), COMPLETE IN PLACE	EA	3	\$0.88	\$2.64	\$500.00	\$1,500.00	\$5,000.00	\$15,000.00
14.	DRAINAGE SWALE, PER CONSTRUCTION PLANS, COMPLETE IN PLACE	LF	11,399	\$0.88	\$10,031.12	\$2.20	\$25,077.80	\$3.50	\$39,896.50
SUBTOTAL DETENTION DRAINAGE ITEMS					\$257,298.92		\$268,243.80		\$403,840.00
MISCELLANEOUS DETENTION ITEMS									
1.	2" CLAY LINER TO BE USED WHERE UNSUITABLE SOILS OCCUR DURING EXCAVATION, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), INCLUDES EXTRA EXCAVATION, STOCKPILING OF SUITABLE MATERIAL FROM LAKES, HAULING, PLACEMENT AND COMPACTION OF SUITABLE MATERIAL FOR LAKE LINING, COMPLETE IN PLACE	CY	12,818	\$1.50	\$19,227.00	\$2.75	\$35,249.50	\$1.50	\$19,227.00
2.	ADDITIONAL COST TO SCARIFY AREAS TO RECEIVE FILL TO A DEPTH OF 12 INCHES TO AERATE THE SUBGRADE SOILS AND RE-COMPACT TO 95% STANDARD PROCTOR DENSITY (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	30	\$200.00	\$6,000.00	\$200.00	\$6,000.00	\$200.00	\$6,000.00
3.	ADDITIONAL COST TO SCARIFY AREAS TO RECEIVE FILL TO A DEPTH OF 24 INCHES TO AERATE THE SUBGRADE SOILS AND RE-COMPACT TO 95% STANDARD PROCTOR DENSITY (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	30	\$300.00	\$9,000.00	\$300.00	\$9,000.00	\$300.00	\$9,000.00
4.	DEWATERING (GROUNDWATER CONTROL) TO COMPLETE THE CONSTRUCTION OF INTERCONNECTS, ALL LINE SIZES AND DEPTHS, INCLUDES CONVENTIONAL VACUUM TYPE WELL POINTS, INTERNAL SUMPS AND PUMPS OR ANY TYPE OF PUMPING AS NECESSARY TO COMPLETE THE CONSTRUCTION OF THE PROJECT, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	200	\$22.00	\$4,400.00	\$28.00	\$5,600.00	\$22.00	\$4,400.00
5.	DEWATERING (GROUNDWATER CONTROL) TO COMPLETE THE CONSTRUCTION OF PONDS, INCLUDES CONVENTIONAL VACUUM TYPE WELL POINTS, INTERNAL SUMPS AND PUMPS OR ANY TYPE OF PUMPING AS NECESSARY TO COMPLETE THE CONSTRUCTION OF THE PROJECT, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	7	\$3,000.00	\$21,000.00	\$3,000.00	\$21,000.00	\$3,000.00	\$21,000.00
6.	6" PORTABLE PUMP FOR REMOVAL OF SURFACE WATER REQUIRED TO CONSTRUCT PONDS, UTILITIES, AND OUTFALLS AND FOR REMOVAL OF WATER IN PONDS IN LIEU OF OUTFALL BEING CONSTRUCTED (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	HR	600	\$10.00	\$6,000.00	\$30.00	\$18,000.00	\$10.00	\$6,000.00
7.	8" PORTABLE PUMP FOR REMOVAL OF SURFACE WATER REQUIRED TO CONSTRUCT PONDS, UTILITIES, AND OUTFALLS AND FOR REMOVAL OF WATER IN PONDS IN LIEU OF OUTFALL BEING CONSTRUCTED (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	HR	300	\$15.00	\$4,500.00	\$40.00	\$12,000.00	\$15.00	\$4,500.00
8.	STORMWATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDES GENERAL SOURCE CONTROL AND ALL OTHER ITEMS NOT SPECIFICALLY LISTED, COMPLETE IN PLACE	LS	1	\$888.00	\$888.00	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00

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 LJA ENGINEERING, INC.
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1) HURTADO CONSTRUCTION COMPANY 2) BURNSIDE SERVICES, INC. 3) ANCHOR EXCAVATORS

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
9.	CONSTRUCT MAINTAIN & REMOVE STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	EA	1	\$888.00	\$888.00	\$2,800.00	\$2,800.00	\$3,000.00	\$3,000.00
10.	REINFORCED FILTER FABRIC FENCE (SILT BARRIER FENCING), INCLUDES MAINTENANCE, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	10,944	\$1.00	\$10,944.00	\$1.30	\$14,227.20	\$1.00	\$10,944.00
11.	HYDROMULCH SEEDING OF LAKE RESERVE ABOVE SPECIFIED WATER SURFACE ELEVATION PER HCFCD SECTION 02921 (DRY APPLICATION), COMPLETE IN PLACE	AC	2.3	\$1,688.00	\$3,882.40	\$2,800.00	\$6,440.00	\$1,850.00	\$4,255.00
12.	MOWING OF LAKES AND FILL AREAS (ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	61.1	\$25.00	\$1,527.50	\$35.00	\$2,138.50	\$25.00	\$1,527.50
13.	EXTRA COST OF STORM SEWER WET SAND CONSTRUCTION AS PER HARRIS COUNTY SPECIFICATIONS. ALL LINE SIZES AND DEPTHS. (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	250	\$10.00	\$2,500.00	\$10.00	\$2,500.00	\$10.00	\$2,500.00
14.	CONCRETE TRUCK WASHOUT, INCLUDING INSTALLATION MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	1	\$88.00	\$88.00	\$500.00	\$500.00	\$500.00	\$500.00
15.	OVER EXCAVATION OF UNSUITABLE MATERIAL PRIOR TO FILL PLACEMENT WITHIN FILL AREAS, INCLUDES EXCAVATION, DEMUCKING, AND SPREADING OF UNSUITABLE MATERIAL AND PLACEMENT OF MATERIAL AS FINAL LIFT UPON COMPLETION OF FILL (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	50,000	\$1.50	\$75,000.00	\$1.50	\$75,000.00	\$1.50	\$75,000.00
16.	CONTRACTOR SHALL TV & CLEAN PROPOSED STORM SEWER, ALL SIZES, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	948	\$0.01	\$9.48	\$5.00	\$4,740.00	\$10.00	\$9,480.00
17.	STAGE II INLET PROTECTION BARRIERS, (SAND BAGS FOR PROPOSED AND EXISTING INLETS), (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	8	\$0.88	\$7.04	\$50.00	\$400.00	\$50.00	\$400.00
18.	CHIPPING AND REMOVAL OF MATERIAL, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LS	1	\$888.00	\$888.00	\$18,000.00	\$18,000.00	\$4,000.00	\$4,000.00
19.	WASTE CONTAINER (10 CY), AS DIRECTED BY THE ENGINEER, IF REQUIRED, COMPLETE IN PLACE	EA	5	\$388.00	\$1,940.00	\$1,500.00	\$7,500.00	\$1,200.00	\$6,000.00
20.	EXTRA CEMENT STABILIZED SAND (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	100	\$5.00	\$500.00	\$20.00	\$2,000.00	\$5.00	\$500.00
21.	AIR BRIDGE FOR PIPELINE CROSSING (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LS	1	\$5.00	\$5.00	\$5,000.00	\$5,000.00	\$5.00	\$5.00
22.	REMOVE AND PROPERLY DISPOSE DEMOLITION ITEMS AS SHOWN ON SHEET 5, COMPLETE IN PLACE	LS	1	\$10,888.00	\$10,888.00	\$20,000.00	\$20,000.00	\$66,000.00	\$66,000.00
SUBTOTAL MISCELLANEOUS DETENTION ITEMS					\$180,082.42		\$269,595.20		\$255,238.50
ALTERNATE BID ITEM									
1.	HAUL EXCAVATED MATERIAL FROM PROPOSED POND TO OFFSITE DISPOSAL AREA IN LIEU OF DETENTION EXCAVATION ITEM 3, COMPLETE IN PLACE	CY	60,984	\$8.88	\$541,537.92	\$16.00	\$975,744.00	\$22.69	\$1,383,726.96
SUBTOTAL ALTERNATE BID ITEM					\$541,537.92		\$975,744.00		\$1,383,726.96

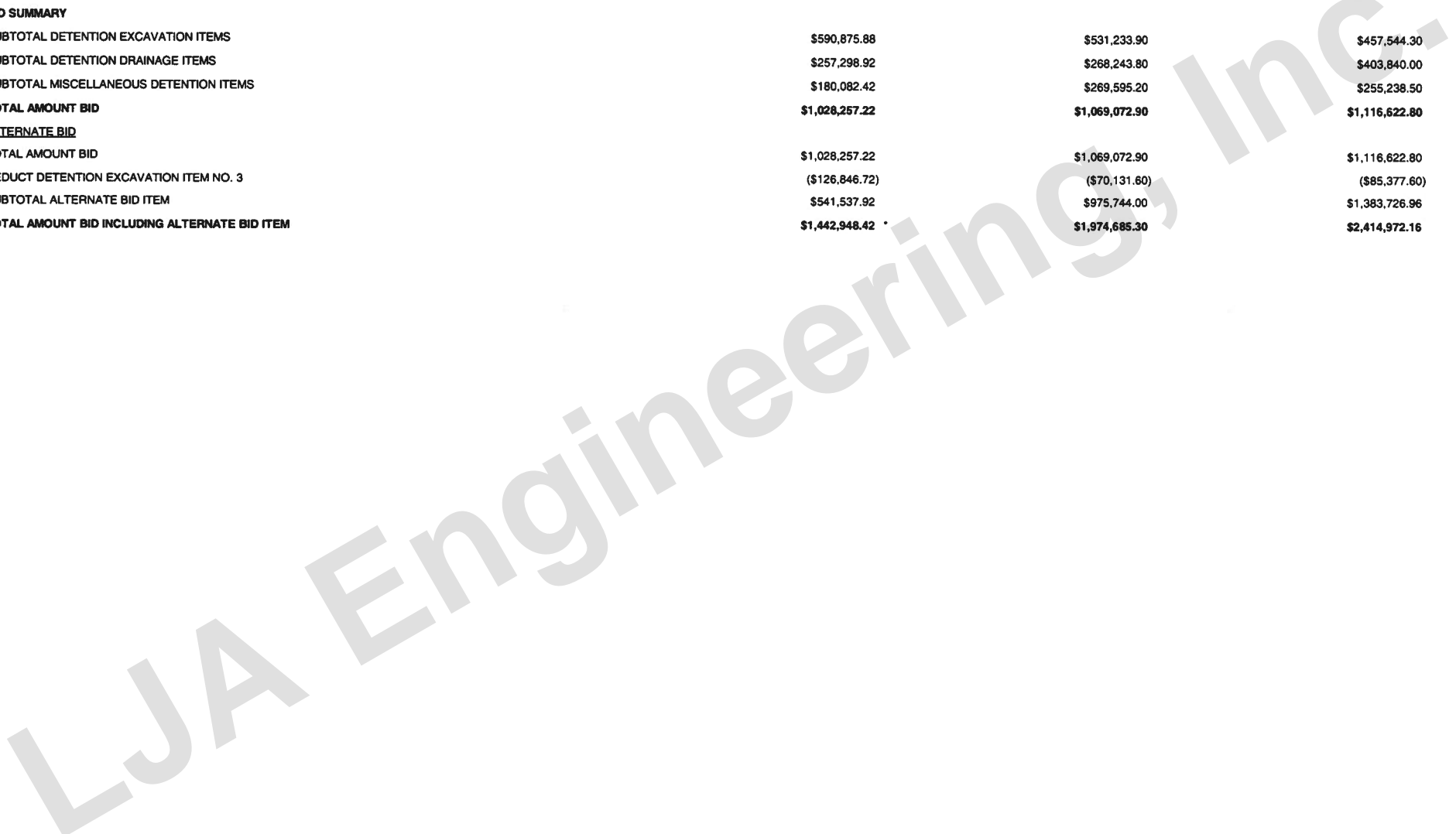
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ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
BID SUMMARY								
SUBTOTAL DETENTION EXCAVATION ITEMS				\$590,875.88		\$531,233.90		\$457,544.30
SUBTOTAL DETENTION DRAINAGE ITEMS				\$257,298.92		\$268,243.80		\$403,840.00
SUBTOTAL MISCELLANEOUS DETENTION ITEMS				\$180,082.42		\$269,595.20		\$255,238.50
TOTAL AMOUNT BID				\$1,028,257.22		\$1,069,072.90		\$1,116,622.80
ALTERNATE BID								
TOTAL AMOUNT BID				\$1,028,257.22		\$1,069,072.90		\$1,116,622.80
DEDUCT DETENTION EXCAVATION ITEM NO. 3				(\$126,846.72)		(\$70,131.60)		(\$85,377.60)
SUBTOTAL ALTERNATE BID ITEM				\$541,537.92		\$975,744.00		\$1,383,726.96
TOTAL AMOUNT BID INCLUDING ALTERNATE BID ITEM				\$1,442,948.42		\$1,974,685.30		\$2,414,972.16



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4) TEXAN DIRT, LLC

5) LONNIE LISCHKA COMPANY, LP

6) DOUBLE OAK CONSTRUCTION, INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
DETENTION EXCAVATION ITEMS									
1.	DETENTION EXCAVATION FROM DETENTION PONDS, INCLUDES STRIPPING AND STOCKPILE OF STRIPPINGS AND REPLACEMENT OF STRIPPINGS UPON COMPLETION, COMPLETE IN PLACE	CY	60,984	\$1.00	\$60,984.00	\$3.37	\$205,516.08	\$2.40	\$146,361.60
2.	AMENITY EXCAVATION FROM DETENTION PONDS, INCLUDES STRIPPING AND STOCKPILE OF STRIPPINGS AND REPLACEMENT OF STRIPPINGS UPON COMPLETION COMPLETE IN PLACE	CY	57,618	\$1.00	\$57,618.00	\$3.37	\$194,172.66	\$2.40	\$138,283.20
3.	HAUL TO FILL AREAS, PLACEMENT, GRADING AND COMPACTION (95% STANDARD PROCTOR DENSITY) OF EXCAVATED DETENTION MATERIAL AS SHOWN ON GRADING PLAN INCLUDES STRIPPING OF FILL AREAS, STOCKPILE OF STRIPPING, REPLACEMENT OF STRIPPINGS UPON COMPLETION, COMPLETE IN PLACE	CY	60,984	\$2.10	\$128,066.40	\$0.01	\$609.84	\$1.00	\$60,984.00
4.	HAUL TO FILL AREAS, PLACEMENT, GRADING AND COMPACTION (95% STANDARD PROCTOR DENSITY) OF EXCAVATED AMENITY MATERIAL AS SHOWN ON GRADING PLAN INCLUDES STRIPPING OF FILL AREAS, STOCKPILE OF STRIPPING, REPLACEMENT OF STRIPPINGS UPON COMPLETION, COMPLETE IN PLACE	CY	57,618	\$2.10	\$120,997.80	\$0.01	\$576.18	\$1.00	\$57,618.00
5.	MANIPULATION OF EXISTING SOIL WITHIN POND BOTTOM AND SIDES BELOW WATER SURFACE ELEVATION, INCLUDES MOISTURE CONDITIONING BY SCARIFYING TO A MINIMUM DEPTH OF 12 INCHES AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	SY	22,822	\$0.10	\$2,282.20	\$0.20	\$4,564.40	\$1.57	\$35,830.54
6.	CLEARING & GRUBBING OF EXCAVATION AND FILL AREAS, COMPLETE IN PLACE	AC	40	\$2,700.00	\$108,000.00	\$1,950.00	\$78,000.00	\$1,050.00	\$42,000.00
7.	DEMUCK AND DESILT EXISTING POND, COMPLETE IN PLACE	LS	1	\$4,500.00	\$4,500.00	\$4,000.00	\$4,000.00	\$7,800.00	\$7,800.00
8.	EXCAVATION, PLACEMENT, GRADING AND COMPACTION (95% STANDARD PROCTOR DENSITY) OF MATERIAL WITHIN FILL AREAS, INCLUDES STRIPPING, STOCKPILE OF STRIPPING, REPLACEMENT OF STRIPPING UPON COMPLETION, COMPLETE IN PLACE	CY	14,866	\$2.00	\$29,732.00	\$3.38	\$50,247.08	\$3.40	\$50,544.40
SUBTOTAL DETENTION EXCAVATION ITEMS					\$512,180.40		\$537,686.24		\$539,421.74
DETENTION DRAINAGE ITEMS									
1.	24" R.C.P., ASTM C-76, CLASS III STORM SEWER, ALL CUTS, TO INCLUDE BEDDING & BACKFILL, COMPLETE IN PLACE	LF	89	\$120.00	\$10,680.00	\$122.00	\$10,858.00	\$120.00	\$10,680.00
2.	42" R.C.P., ASTM C-76, CLASS III STORM SEWER, ALL CUTS, TO INCLUDE BEDDING & BACKFILL, COMPLETE IN PLACE	LF	18	\$195.00	\$3,510.00	\$199.00	\$3,582.00	\$200.00	\$3,600.00
3.	48" R.C.P., ASTM C-76, CLASS III STORM SEWER, ALL CUTS, TO INCLUDE BEDDING & BACKFILL, COMPLETE IN PLACE	LF	841	\$200.00	\$168,200.00	\$205.00	\$172,405.00	\$200.00	\$168,200.00
4.	BORE AND JACK FOR 48" R.C.P. STORM SEWER, DOES NOT INCLUDE PIPE, COMPLETE IN PLACE	LF	193	\$800.00	\$154,400.00	\$825.00	\$159,225.00	\$800.00	\$154,400.00
5.	TRENCH SAFETY SYSTEM, ALL DEPTHS, INCLUDING TRENCH SAFETY FOR STORM SEWER PIPES AND SAFETY END TREATMENTS, COMPLETE IN PLACE	LF	756	\$2.00	\$1,512.00	\$1.00	\$756.00	\$1.00	\$756.00
6.	TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER WITH TYPE "E" INLET TOP, INCLUDES INLET PROTECTION BARRIER, ALL SIDES OPEN, ALL DEPTHS, COMPLETE IN PLACE	EA	5	\$5,100.00	\$25,500.00	\$5,170.00	\$25,850.00	\$5,000.00	\$25,000.00
7.	TYPE "E" INLET, INCLUDES INLET PROTECTION BARRIER, ALL SIDES OPEN, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$3,200.00	\$3,200.00	\$3,232.00	\$3,232.00	\$3,200.00	\$3,200.00
8.	5" REINFORCED CONCRETE SLOPE PAVING, INCLUDING 2' TOE WALL AROUND EDGES, COMPLETE IN PLACE	SY	118	\$100.00	\$11,800.00	\$109.00	\$12,862.00	\$160.00	\$18,880.00

* MATHEMATICAL ERROR

BID TABULATION FOR:

CONSTRUCTION OF THE PHASE 2 DETENTION FACILITIES
 TO SERVE KATY MANOR SOUTH
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 MAY 2, 2019
 LJA ENGINEERING, INC.
 L. MARTINEZ
 MAY 6, 2019
 1750-3218 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) TEXAN DIRT, LLC		5) LONNIE LISCHKA COMPANY, LP		6) DOUBLE OAK CONSTRUCTION, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
9.	8" BRICK PLUG FOR 24" STORM SEWER, COMPLETE IN PLACE	EA	1	\$210.00	\$210.00	\$250.00	\$250.00	\$205.00	\$205.00
10.	8" BRICK PLUG FOR 42" STORM SEWER, COMPLETE IN PLACE	EA	2	\$360.00	\$720.00	\$450.00	\$900.00	\$355.00	\$710.00
11.	8" BRICK PLUG FOR 48" STORM SEWER, COMPLETE IN PLACE	EA	1	\$385.00	\$385.00	\$525.00	\$525.00	\$400.00	\$400.00
12.	UTILITY SPOIL TO BE HAULED, SPREAD, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	LS	1	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$6,800.00	\$6,800.00
13.	REMOVE EXISTING 8" BRICK PLUG AND CONNECT PROPOSED 48" STORM SEWER, INCLUDES TEMPORARY BRICK PLUG, BYPASS PUMPING COFFER DAMS (AS NEEDED), COMPLETE IN PLACE	EA	3	\$480.00	\$1,440.00	\$600.00	\$1,800.00	\$475.00	\$1,425.00
14.	DRAINAGE SWALE, PER CONSTRUCTION PLANS, COMPLETE IN PLACE	LF	11,399	\$2.50	\$28,497.50	\$2.50	\$28,497.50	\$3.00	\$34,197.00
SUBTOTAL DETENTION DRAINAGE ITEMS					\$412,054.50	\$422,742.50	\$422,742.50	\$428,453.00	\$428,453.00
MISCELLANEOUS DETENTION ITEMS									
1.	2' CLAY LINER TO BE USED WHERE UNSUITABLE SOILS OCCUR DURING EXCAVATION, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), INCLUDES EXTRA EXCAVATION, STOCKPILING OF SUITABLE MATERIAL FROM LAKES, HAULING, PLACEMENT AND COMPACTION OF SUITABLE MATERIAL FOR LAKE LINING, COMPLETE IN PLACE	CY	12,818	\$1.50	\$19,227.00	\$1.50	\$19,227.00	\$4.40	\$56,399.20
2.	ADDITIONAL COST TO SCARIFY AREAS TO RECEIVE FILL TO A DEPTH OF 12 INCHES TO AERATE THE SUBGRADE SOILS AND RE-COMPACT TO 95% STANDARD PROCTOR DENSITY (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	30	\$200.00	\$6,000.00	\$200.00	\$6,000.00	\$200.00	\$6,000.00
3.	ADDITIONAL COST TO SCARIFY AREAS TO RECEIVE FILL TO A DEPTH OF 24 INCHES TO AERATE THE SUBGRADE SOILS AND RE-COMPACT TO 95% STANDARD PROCTOR DENSITY (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	30	\$300.00	\$9,000.00	\$300.00	\$9,000.00	\$300.00	\$9,000.00
4.	DEWATERING (GROUNDWATER CONTROL) TO COMPLETE THE CONSTRUCTION OF INTERCONNECTS, ALL LINE SIZES AND DEPTHS, INCLUDES CONVENTIONAL VACUUM TYPE WELL POINTS, INTERNAL SUMPS AND PUMPS OR ANY TYPE OF PUMPING AS NECESSARY TO COMPLETE THE CONSTRUCTION OF THE PROJECT, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	200	\$22.00	\$4,400.00	\$22.00	\$4,400.00	\$22.00	\$4,400.00
5.	DEWATERING (GROUNDWATER CONTROL) TO COMPLETE THE CONSTRUCTION OF PONDS, INCLUDES CONVENTIONAL VACUUM TYPE WELL POINTS, INTERNAL SUMPS AND PUMPS OR ANY TYPE OF PUMPING AS NECESSARY TO COMPLETE THE CONSTRUCTION OF THE PROJECT, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	7	\$3,000.00	\$21,000.00	\$3,000.00	\$21,000.00	\$3,000.00	\$21,000.00
6.	6" PORTABLE PUMP FOR REMOVAL OF SURFACE WATER REQUIRED TO CONSTRUCT PONDS, UTILITIES, AND OUTFALLS AND FOR REMOVAL OF WATER IN PONDS IN LIEU OF OUTFALL BEING CONSTRUCTED (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	HR	600	\$10.00	\$6,000.00	\$10.00	\$6,000.00	\$45.00	\$27,000.00
7.	8" PORTABLE PUMP FOR REMOVAL OF SURFACE WATER REQUIRED TO CONSTRUCT PONDS, UTILITIES, AND OUTFALLS AND FOR REMOVAL OF WATER IN PONDS IN LIEU OF OUTFALL BEING CONSTRUCTED (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	HR	300	\$15.00	\$4,500.00	\$15.00	\$4,500.00	\$50.00	\$15,000.00
8.	STORMWATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDES GENERAL SOURCE CONTROL AND ALL OTHER ITEMS NOT SPECIFICALLY LISTED, COMPLETE IN PLACE	LS	1	\$3,500.00	\$3,500.00	\$1,000.00	\$1,000.00	\$2,300.00	\$2,300.00

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CONSTRUCTION OF THE PHASE 2 DETENTION FACILITIES
 TO SERVE KATY MANOR SOUTH
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 MAY 2, 2019
 LJA ENGINEERING, INC.
 L. MARTINEZ
 MAY 6, 2019
 1750-3218 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) TEXAN DIRT, LLC		5) LONNIE LISCHKA COMPANY, LP		6) DOUBLE OAK CONSTRUCTION, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
9.	CONSTRUCT MAINTAIN & REMOVE STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00	\$3,000.00	\$3,000.00
10.	REINFORCED FILTER FABRIC FENCE (SILT BARRIER FENCING), INCLUDES MAINTENANCE, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	10,944	\$1.00	\$10,944.00	\$1.00	\$10,944.00	\$1.30	\$14,227.20
11.	HYDROMULCH SEEDING OF LAKE RESERVE ABOVE SPECIFIED WATER SURFACE ELEVATION PER HCFC SECTION 02921 (DRY APPLICATION), COMPLETE IN PLACE	AC	2.3	\$2,500.00	\$5,750.00	\$2,600.00	\$5,980.00	\$2,150.00	\$4,945.00
12.	MOWING OF LAKES AND FILL AREAS (ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	61.1	\$25.00	\$1,527.50	\$25.00	\$1,527.50	\$85.00	\$5,193.50
13.	EXTRA COST OF STORM SEWER WET SAND CONSTRUCTION AS PER HARRIS COUNTY SPECIFICATIONS. ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	250	\$10.00	\$2,500.00	\$10.00	\$2,500.00	\$10.25	\$2,562.50
14.	CONCRETE TRUCK WASHOUT, INCLUDING INSTALLATION MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	1	\$100.00	\$100.00	\$500.00	\$500.00	\$300.00	\$300.00
15.	OVER EXCAVATION OF UNSUITABLE MATERIAL PRIOR TO FILL PLACEMENT WITHIN FILL AREAS, INCLUDES EXCAVATION, DEMUCKING, AND SPREADING OF UNSUITABLE MATERIAL AND PLACEMENT OF MATERIAL AS FINAL LIFT UPON COMPLETION OF FILL (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	50,000	\$1.50	\$75,000.00	\$1.50	\$75,000.00	\$2.40	\$120,000.00
16.	CONTRACTOR SHALL TV & CLEAN PROPOSED STORM SEWER, ALL SIZES, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	948	\$6.00	\$5,688.00	\$7.00	\$6,636.00	\$5.60	\$5,308.80
17.	STAGE II INLET PROTECTION BARRIERS, (SAND BAGS FOR PROPOSED AND EXISTING INLETS), (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	8	\$50.00	\$400.00	\$300.00	\$2,400.00	\$30.00	\$240.00
18.	CHIPPING AND REMOVAL OF MATERIAL, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LS	1	\$5,000.00	\$5,000.00	\$1.00	\$1.00	\$1,200.00	\$1,200.00
19.	WASTE CONTAINER (10 CY), AS DIRECTED BY THE ENGINEER, IF REQUIRED, COMPLETE IN PLACE	EA	5	\$300.00	\$1,500.00	\$500.00	\$2,500.00	\$900.00	\$4,500.00
20.	EXTRA CEMENT STABILIZED SAND (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	100	\$5.00	\$500.00	\$15.00	\$1,500.00	\$5.00	\$500.00
21.	AIR BRIDGE FOR PIPELINE CROSSING (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LS	1	\$12,000.60	\$12,000.60	\$5,000.00	\$5,000.00	\$18,100.00	\$18,100.00
22.	REMOVE AND PROPERLY DISPOSE DEMOLITION ITEMS AS SHOWN ON SHEET 5, COMPLETE IN PLACE	LS	1	\$76,000.00	\$76,000.00	\$54,000.00	\$54,000.00	\$97,000.00	\$97,000.00
SUBTOTAL MISCELLANEOUS DETENTION ITEMS					\$271,537.10		\$242,115.50		\$418,176.20
ALTERNATE BID ITEM									
1.	HAUL EXCAVATED MATERIAL FROM PROPOSED POND TO OFFSITE DISPOSAL AREA IN LIEU OF DETENTION EXCAVATION ITEM 3, COMPLETE IN PLACE	CY	60,984	\$25.00	\$1,524,600.00	\$25.00	\$1,524,600.00	\$20.00	\$1,219,680.00
SUBTOTAL ALTERNATE BID ITEM					\$1,524,600.00		\$1,524,600.00		\$1,219,680.00

BID TABULATION FOR:

CONSTRUCTION OF THE PHASE 2 DETENTION FACILITIES
 TO SERVE KATY MANOR SOUTH
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 MAY 2, 2019
 LJA ENGINEERING, INC.
 L. MARTINEZ
 MAY 6, 2019
 1750-3218 (9.2)

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

ITEM DESCRIPTION	UNIT	QTY	4) TEXAN DIRT, LLC		5) LONNIE LISCHKA COMPANY, LP		6) DOUBLE OAK CONSTRUCTION, INC.	
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
BID SUMMARY								
SUBTOTAL DETENTION EXCAVATION ITEMS				\$512,180.40		\$537,686.24		\$539,421.74
SUBTOTAL DETENTION DRAINAGE ITEMS				\$412,054.50		\$422,742.50		\$428,453.00
SUBTOTAL MISCELLANEOUS DETENTION ITEMS				\$271,537.10		\$242,115.50		\$418,176.20
TOTAL AMOUNT BID				\$1,195,772.00		\$1,202,544.24		\$1,386,050.94
ALTERNATE BID								
TOTAL AMOUNT BID				\$1,195,772.00		\$1,202,544.24		\$1,386,050.94
DEDUCT DETENTION EXCAVATION ITEM NO. 3				(\$128,066.40)		(\$609.84)		(\$60,984.00)
SUBTOTAL ALTERNATE BID ITEM				\$1,524,600.00		\$1,524,600.00		\$1,219,680.00
TOTAL AMOUNT BID INCLUDING ALTERNATE BID ITEM				\$2,592,305.60		\$2,726,534.40		\$2,544,746.94

LJA Engineering, Inc.

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CONSTRUCTION OF THE PHASE 2 DETENTION FACILITIES
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 L. MARTINEZ
 MAY 6, 2019
 1750-3218 (9.2)

BID OPENING DATE:
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LJA JOB NO.

ITEM DESCRIPTION	UNIT	QTY	7) LINDSEY CONSTRUCTION, INC.		8) G.W. PHILLIPS CONCRETE CONSTRUCTION, INC.		9) EARTH BUILDERS, LP		
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
DETENTION EXCAVATION ITEMS									
1. DETENTION EXCAVATION FROM DETENTION PONDS, INCLUDES STRIPPING AND STOCKPILE OF STRIPPINGS AND REPLACEMENT OF STRIPPINGS UPON COMPLETION, COMPLETE IN PLACE	CY	60,984	\$1.40	\$85,377.60	\$1.75	\$106,722.00	\$1.50	\$91,476.00	
2. AMENITY EXCAVATION FROM DETENTION PONDS, INCLUDES STRIPPING AND STOCKPILE OF STRIPPINGS AND REPLACEMENT OF STRIPPINGS UPON COMPLETION COMPLETE IN PLACE	CY	57,618	\$1.40	\$80,665.20	\$1.75	\$100,831.50	\$1.50	\$86,427.00	
3. HAUL TO FILL AREAS, PLACEMENT, GRADING AND COMPACTION (95% STANDARD PROCTOR DENSITY) OF EXCAVATED DETENTION MATERIAL AS SHOWN ON GRADING PLAN INCLUDES STRIPPING OF FILL AREAS, STOCKPILE OF STRIPPING, REPLACEMENT OF STRIPPINGS UPON COMPLETION, COMPLETE IN PLACE	CY	60,984	\$2.35	\$143,312.40	\$2.25	\$137,214.00	\$2.90	\$176,853.60	
4. HAUL TO FILL AREAS, PLACEMENT, GRADING AND COMPACTION (95% STANDARD PROCTOR DENSITY) OF EXCAVATED AMENITY MATERIAL AS SHOWN ON GRADING PLAN INCLUDES STRIPPING OF FILL AREAS, STOCKPILE OF STRIPPING, REPLACEMENT OF STRIPPINGS UPON COMPLETION, COMPLETE IN PLACE	CY	57,618	\$2.35	\$135,402.30	\$2.25	\$129,640.50	\$2.90	\$167,092.20	
5. MANIPULATION OF EXISTING SOIL WITHIN POND BOTTOM AND SIDES BELOW WATER SURFACE ELEVATION, INCLUDES MOISTURE CONDITIONING BY SCARIFYING TO A MINIMUM DEPTH OF 12 INCHES AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	SY	22,822	\$3.50	\$79,877.00	\$2.00	\$45,644.00	\$2.00	\$45,644.00	
6. CLEARING & GRUBBING OF EXCAVATION AND FILL AREAS, COMPLETE IN PLACE	AC	40	\$4,126.00	\$165,040.00	\$3,500.00	\$140,000.00	\$3,000.00	\$120,000.00	
7. DEMUCK AND DESILT EXISTING POND, COMPLETE IN PLACE	LS	1	\$7,580.00	\$7,580.00	\$25,000.00	\$25,000.00	\$35,000.00	\$35,000.00	
8. EXCAVATION, PLACEMENT, GRADING AND COMPACTION (95% STANDARD PROCTOR DENSITY) OF MATERIAL WITHIN FILL AREAS, INCLUDES STRIPPING, STOCKPILE OF STRIPPING, REPLACEMENT OF STRIPPING UPON COMPLETION, COMPLETE IN PLACE	CY	14,866	\$3.15	\$46,827.90	\$4.00	\$59,464.00	\$4.00	\$59,464.00	
SUBTOTAL DETENTION EXCAVATION ITEMS				\$744,082.40		\$744,516.00		\$781,956.80	
DETENTION DRAINAGE ITEMS									
1. 24" R.C.P., ASTM C-76, CLASS III STORM SEWER, ALL CUTS, TO INCLUDE BEDDING & BACKFILL, COMPLETE IN PLACE	LF	89	\$91.00	\$8,099.00	\$90.00	\$8,010.00	\$90.00	\$8,010.00	
2. 42" R.C.P., ASTM C-76, CLASS III STORM SEWER, ALL CUTS, TO INCLUDE BEDDING & BACKFILL, COMPLETE IN PLACE	LF	18	\$158.00	\$2,844.00	\$140.00	\$2,520.00	\$180.00	\$3,240.00	
3. 48" R.C.P., ASTM C-76, CLASS III STORM SEWER, ALL CUTS, TO INCLUDE BEDDING & BACKFILL, COMPLETE IN PLACE	LF	841	\$180.00	\$151,380.00	\$180.00	\$151,380.00	\$230.00	\$193,430.00	
4. BORE AND JACK FOR 48" R.C.P. STORM SEWER, DOES NOT INCLUDE PIPE, COMPLETE IN PLACE	LF	193	\$694.00	\$133,942.00	\$900.00	\$173,700.00	\$1,000.00	\$193,000.00	
5. TRENCH SAFETY SYSTEM, ALL DEPTHS, INCLUDING TRENCH SAFETY FOR STORM SEWER PIPES AND SAFETY END TREATMENTS, COMPLETE IN PLACE	LF	756	\$1.00	\$756.00	\$1.00	\$756.00	\$1.00	\$756.00	
6. TYPE 'C' MANHOLE FOR 48" STORM SEWERS AND LARGER WITH TYPE 'E' INLET TOP, INCLUDES INLET PROTECTION BARRIER, ALL SIDES OPEN, ALL DEPTHS, COMPLETE IN PLACE	EA	5	\$6,816.00	\$34,080.00	\$6,500.00	\$32,500.00	\$6,500.00	\$32,500.00	
7. TYPE 'E' INLET, INCLUDES INLET PROTECTION BARRIER, ALL SIDES OPEN, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$4,183.00	\$4,183.00	\$2,700.00	\$2,700.00	\$4,300.00	\$4,300.00	
8. 5" REINFORCED CONCRETE SLOPE PAVING, INCLUDING 2' TOE WALL AROUND EDGES, COMPLETE IN PLACE	SY	118	\$156.00	\$18,408.00	\$85.00	\$10,030.00	\$100.00	\$11,800.00	

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 TO SERVE KATY MANOR SOUTH
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 MAY 2, 2019
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ITEM	DESCRIPTION	UNIT	QTY	7) LINDSEY CONSTRUCTION, INC.		8) G.W. PHILLIPS CONCRETE CONSTRUCTION, INC.		9) EARTH BUILDERS, LP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
9.	8" BRICK PLUG FOR 24" STORM SEWER, COMPLETE IN PLACE	EA	1	\$178.00	\$178.00	\$450.00	\$450.00	\$450.00	\$450.00
10.	8" BRICK PLUG FOR 42" STORM SEWER, COMPLETE IN PLACE	EA	2	\$268.00	\$536.00	\$500.00	\$1,000.00	\$700.00	\$1,400.00
11.	8" BRICK PLUG FOR 48" STORM SEWER, COMPLETE IN PLACE	EA	1	\$327.00	\$327.00	\$550.00	\$550.00	\$800.00	\$800.00
12.	UTILITY SPOIL TO BE HAULED, SPREAD, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	LS	1	\$5,831.00	\$5,831.00	\$7,000.00	\$7,000.00	\$7,500.00	\$7,500.00
13.	REMOVE EXISTING 8" BRICK PLUG AND CONNECT PROPOSED 48" STORM SEWER, INCLUDES TEMPORARY BRICK PLUG, BYPASS PUMPING COFFER DAMS (AS NEEDED), COMPLETE IN PLACE	EA	3	\$10,112.00	\$30,336.00	\$500.00	\$1,500.00	\$3,000.00	\$9,000.00
14.	DRAINAGE SWALE, PER CONSTRUCTION PLANS, COMPLETE IN PLACE	LF	11,399	\$2.50	\$28,497.50	\$4.00	\$45,596.00	\$4.00	\$45,596.00
SUBTOTAL DETENTION DRAINAGE ITEMS					\$419,397.50	\$437,692.00			\$511,782.00
MISCELLANEOUS DETENTION ITEMS									
1.	2' CLAY LINER TO BE USED WHERE UNSUITABLE SOILS OCCUR DURING EXCAVATION, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), INCLUDES EXTRA EXCAVATION, STOCKPILING OF SUITABLE MATERIAL FROM LAKES, HAULING, PLACEMENT AND COMPACTION OF SUITABLE MATERIAL FOR LAKE LINING, COMPLETE IN PLACE	CY	12,818	\$1.75	\$22,431.50	\$3.00	\$38,454.00	\$6.00	\$76,908.00
2.	ADDITIONAL COST TO SCARIFY AREAS TO RECEIVE FILL TO A DEPTH OF 12 INCHES TO AERATE THE SUBGRADE SOILS AND RE-COMPACT TO 95% STANDARD PROCTOR DENSITY (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	30	\$233.00	\$6,990.00	\$500.00	\$15,000.00	\$1,200.00	\$36,000.00
3.	ADDITIONAL COST TO SCARIFY AREAS TO RECEIVE FILL TO A DEPTH OF 24 INCHES TO AERATE THE SUBGRADE SOILS AND RE-COMPACT TO 95% STANDARD PROCTOR DENSITY (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	30	\$350.00	\$10,500.00	\$700.00	\$21,000.00	\$1,500.00	\$45,000.00
4.	DEWATERING (GROUNDWATER CONTROL) TO COMPLETE THE CONSTRUCTION OF INTERCONNECTS, ALL LINE SIZES AND DEPTHS, INCLUDES CONVENTIONAL VACUUM TYPE WELL POINTS, INTERNAL SUMPS AND PUMPS OR ANY TYPE OF PUMPING AS NECESSARY TO COMPLETE THE CONSTRUCTION OF THE PROJECT, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	200	\$22.00	\$4,400.00	\$30.00	\$6,000.00	\$22.00	\$4,400.00
5.	DEWATERING (GROUNDWATER CONTROL) TO COMPLETE THE CONSTRUCTION OF PONDS, INCLUDES CONVENTIONAL VACUUM TYPE WELL POINTS, INTERNAL SUMPS AND PUMPS OR ANY TYPE OF PUMPING AS NECESSARY TO COMPLETE THE CONSTRUCTION OF THE PROJECT, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	7	\$3,000.00	\$21,000.00	\$3,000.00	\$21,000.00	\$3,800.00	\$26,600.00
6.	6" PORTABLE PUMP FOR REMOVAL OF SURFACE WATER REQUIRED TO CONSTRUCT PONDS, UTILITIES, AND OUTFALLS AND FOR REMOVAL OF WATER IN PONDS IN LIEU OF OUTFALL BEING CONSTRUCTED (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	HR	600	\$11.00	\$6,600.00	\$10.00	\$6,000.00	\$25.00	\$15,000.00
7.	8" PORTABLE PUMP FOR REMOVAL OF SURFACE WATER REQUIRED TO CONSTRUCT PONDS, UTILITIES, AND OUTFALLS AND FOR REMOVAL OF WATER IN PONDS IN LIEU OF OUTFALL BEING CONSTRUCTED (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	HR	300	\$16.00	\$4,800.00	\$15.00	\$4,500.00	\$32.00	\$9,600.00
8.	STORMWATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDES GENERAL SOURCE CONTROL AND ALL OTHER ITEMS NOT SPECIFICALLY LISTED, COMPLETE IN PLACE	LS	1	\$3,325.00	\$3,325.00	\$4,500.00	\$4,500.00	\$5,000.00	\$5,000.00

BID TABULATION FOR:

CONSTRUCTION OF THE PHASE 2 DETENTION FACILITIES
 TO SERVE KATY MANOR SOUTH
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 MAY 2, 2019
 LJA ENGINEERING, INC.
 L. MARTINEZ
 MAY 6, 2019
 1750-3218 (9.2)

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

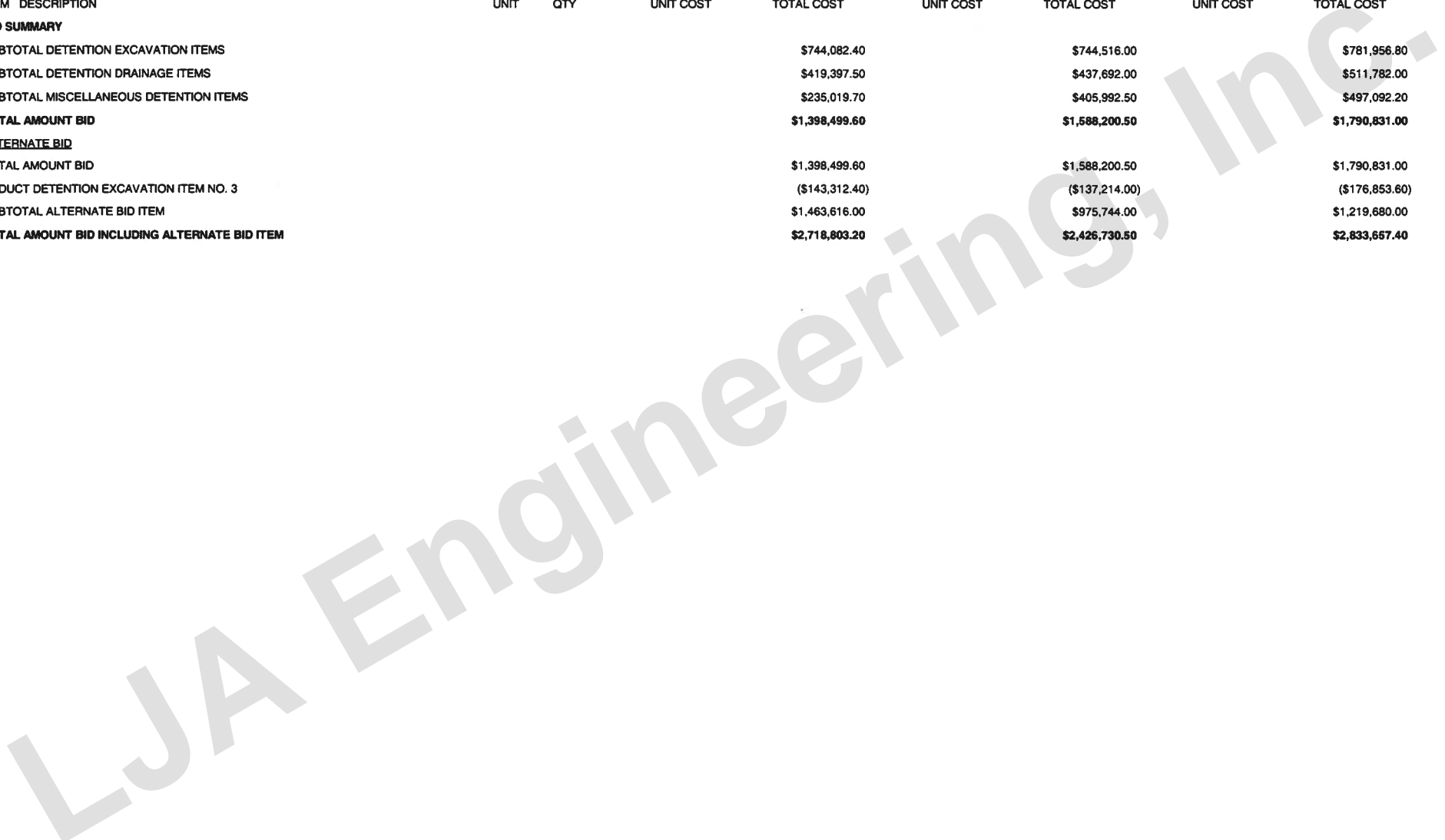
ITEM	DESCRIPTION	UNIT	QTY	7) LINDSEY CONSTRUCTION, INC.		8) G.W. PHILLIPS CONCRETE CONSTRUCTION, INC.		9) EARTH BUILDERS, LP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
9.	CONSTRUCT MAINTAIN & REMOVE STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	EA	1	\$3,460.00	\$3,460.00	\$4,000.00	\$4,000.00	\$3,200.00	\$3,200.00
10.	REINFORCED FILTER FABRIC FENCE (SILT BARRIER FENCING), INCLUDES MAINTENANCE, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	10,944	\$1.20	\$13,132.80	\$1.50	\$16,416.00	\$1.80	\$19,699.20
11.	HYDROMULCH SEEDING OF LAKE RESERVE ABOVE SPECIFIED WATER SURFACE ELEVATION PER HCFC D SECTION 02921 (DRY APPLICATION), COMPLETE IN PLACE	AC	2.3	\$2,325.00	\$5,347.50	\$1,500.00	\$3,450.00	\$2,100.00	\$4,830.00
12.	MOWING OF LAKES AND FILL AREAS (ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	61.1	\$25.00	\$1,527.50	\$35.00	\$2,138.50	\$150.00	\$9,165.00
13.	EXTRA COST OF STORM SEWER WET SAND CONSTRUCTION AS PER HARRIS COUNTY SPECIFICATIONS. ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	250	\$10.00	\$2,500.00	\$15.00	\$3,750.00	\$15.00	\$3,750.00
14.	CONCRETE TRUCK WASHOUT, INCLUDING INSTALLATION MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	1	\$650.00	\$650.00	\$800.00	\$800.00	\$1,500.00	\$1,500.00
15.	OVER EXCAVATION OF UNSUITABLE MATERIAL PRIOR TO FILL PLACEMENT WITHIN FILL AREAS, INCLUDES EXCAVATION, DEMUCKING, AND SPREADING OF UNSUITABLE MATERIAL AND PLACEMENT OF MATERIAL AS FINAL LIFT UPON COMPLETION OF FILL (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	50,000	\$1.75	\$87,500.00	\$3.00	\$150,000.00	\$3.50	\$175,000.00
16.	CONTRACTOR SHALL TV & CLEAN PROPOSED STORM SEWER, ALL SIZES, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	948	\$4.30	\$4,076.40	\$8.00	\$7,584.00	\$5.00	\$4,740.00
17.	STAGE II INLET PROTECTION BARRIERS, (SAND BAGS FOR PROPOSED AND EXISTING INLETS), (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	8	\$87.00	\$696.00	\$75.00	\$600.00	\$150.00	\$1,200.00
18.	CHIPPING AND REMOVAL OF MATERIAL, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LS	1	\$14,578.00	\$14,578.00	\$80,000.00	\$80,000.00	\$5,000.00	\$5,000.00
19.	WASTE CONTAINER (10 CY), AS DIRECTED BY THE ENGINEER, IF REQUIRED, COMPLETE IN PLACE	EA	5	\$700.00	\$3,500.00	\$460.00	\$2,300.00	\$700.00	\$3,500.00
20.	EXTRA CEMENT STABILIZED SAND (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	100	\$5.00	\$500.00	\$25.00	\$2,500.00	\$45.00	\$4,500.00
21.	AIR BRIDGE FOR PIPELINE CROSSING (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LS	1	\$5.00	\$5.00	\$4,000.00	\$4,000.00	\$7,500.00	\$7,500.00
22.	REMOVE AND PROPERLY DISPOSE DEMOLITION ITEMS AS SHOWN ON SHEET 5, COMPLETE IN PLACE	LS	1	\$17,500.00	\$17,500.00	\$12,000.00	\$12,000.00	\$35,000.00	\$35,000.00
SUBTOTAL MISCELLANEOUS DETENTION ITEMS					\$235,019.70		\$405,992.50		\$497,092.20
ALTERNATE BID ITEM									
1.	HAUL EXCAVATED MATERIAL FROM PROPOSED POND TO OFFSITE DISPOSAL AREA IN LIEU OF DETENTION EXCAVATION ITEM 3, COMPLETE IN PLACE	CY	60,984	\$24.00	\$1,463,616.00	\$16.00	\$975,744.00	\$20.00	\$1,219,680.00
SUBTOTAL ALTERNATE BID ITEM					\$1,463,616.00		\$975,744.00		\$1,219,680.00

BID TABULATION FOR:

CONSTRUCTION OF THE PHASE 2 DETENTION FACILITIES
 TO SERVE KATY MANOR SOUTH
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 MAY 2, 2019
 LJA ENGINEERING, INC.
 L. MARTINEZ
 MAY 6, 2019
 1750-3218 (9.2)

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ITEM DESCRIPTION	UNIT	QTY	7) LINDSEY CONSTRUCTION, INC.		8) G.W. PHILLIPS CONCRETE CONSTRUCTION, INC.		9) EARTH BUILDERS, LP	
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
BID SUMMARY								
SUBTOTAL DETENTION EXCAVATION ITEMS				\$744,082.40		\$744,516.00		\$781,956.80
SUBTOTAL DETENTION DRAINAGE ITEMS				\$419,397.50		\$437,692.00		\$511,782.00
SUBTOTAL MISCELLANEOUS DETENTION ITEMS				\$235,019.70		\$405,992.50		\$497,092.20
TOTAL AMOUNT BID				\$1,398,499.60		\$1,588,200.50		\$1,790,831.00
ALTERNATE BID								
TOTAL AMOUNT BID				\$1,398,499.60		\$1,588,200.50		\$1,790,831.00
DEDUCT DETENTION EXCAVATION ITEM NO. 3				(\$143,312.40)		(\$137,214.00)		(\$176,853.60)
SUBTOTAL ALTERNATE BID ITEM				\$1,463,616.00		\$975,744.00		\$1,219,680.00
TOTAL AMOUNT BID INCLUDING ALTERNATE BID ITEM				\$2,718,803.20		\$2,426,730.50		\$2,833,657.40



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 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 MAY 2, 2019
 LJA ENGINEERING, INC.
 L. MARTINEZ
 MAY 6, 2019
 1750-3218 (9.2)

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

10) TRIPLE B SERVICES, LLP

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
DETENTION EXCAVATION ITEMS					
1.	DETENTION EXCAVATION FROM DETENTION PONDS, INCLUDES STRIPPING AND STOCKPILE OF STRIPPINGS AND REPLACEMENT OF STRIPPINGS UPON COMPLETION, COMPLETE IN PLACE	CY	60,984	\$2.20	\$134,164.80
2.	AMENITY EXCAVATION FROM DETENTION PONDS, INCLUDES STRIPPING AND STOCKPILE OF STRIPPINGS AND REPLACEMENT OF STRIPPINGS UPON COMPLETION COMPLETE IN PLACE	CY	57,618	\$2.20	\$126,759.60
3.	HAUL TO FILL AREAS, PLACEMENT, GRADING AND COMPACTION (95% STANDARD PROCTOR DENSITY) OF EXCAVATED DETENTION MATERIAL AS SHOWN ON GRADING PLAN INCLUDES STRIPPING OF FILL AREAS, STOCKPILE OF STRIPPING, REPLACEMENT OF STRIPPINGS UPON COMPLETION, COMPLETE IN PLACE	CY	60,984	\$4.10	\$250,034.40
4.	HAUL TO FILL AREAS, PLACEMENT, GRADING AND COMPACTION (95% STANDARD PROCTOR DENSITY) OF EXCAVATED AMENITY MATERIAL AS SHOWN ON GRADING PLAN INCLUDES STRIPPING OF FILL AREAS, STOCKPILE OF STRIPPING, REPLACEMENT OF STRIPPINGS UPON COMPLETION, COMPLETE IN PLACE	CY	57,618	\$4.10	\$236,233.80
5.	MANIPULATION OF EXISTING SOIL WITHIN POND BOTTOM AND SIDES BELOW WATER SURFACE ELEVATION, INCLUDES MOISTURE CONDITIONING BY SCARIFYING TO A MINIMUM DEPTH OF 12 INCHES AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	SY	22,822	\$0.45	\$10,269.90
6.	CLEARING & GRUBBING OF EXCAVATION AND FILL AREAS, COMPLETE IN PLACE	AC	40	\$4,000.00	\$160,000.00
7.	DEMUCK AND DESILT EXISTING POND, COMPLETE IN PLACE	LS	1	\$15,700.00	\$15,700.00
8.	EXCAVATION, PLACEMENT, GRADING AND COMPACTION (95% STANDARD PROCTOR DENSITY) OF MATERIAL WITHIN FILL AREAS, INCLUDES STRIPPING, STOCKPILE OF STRIPPING, REPLACEMENT OF STRIPPING UPON COMPLETION, COMPLETE IN PLACE	CY	14,866	\$8.50	\$126,361.00
SUBTOTAL DETENTION EXCAVATION ITEMS					\$1,059,523.50
DETENTION DRAINAGE ITEMS					
1.	24" R.C.P., ASTM C-76, CLASS III STORM SEWER, ALL CUTS, TO INCLUDE BEDDING & BACKFILL, COMPLETE IN PLACE	LF	89	\$110.00	\$9,790.00
2.	42" R.C.P., ASTM C-76, CLASS III STORM SEWER, ALL CUTS, TO INCLUDE BEDDING & BACKFILL, COMPLETE IN PLACE	LF	18	\$230.00	\$4,140.00
3.	48" R.C.P., ASTM C-76, CLASS III STORM SEWER, ALL CUTS, TO INCLUDE BEDDING & BACKFILL, COMPLETE IN PLACE	LF	841	\$315.00	\$264,915.00
4.	BORE AND JACK FOR 48" R.C.P. STORM SEWER, DOES NOT INCLUDE PIPE, COMPLETE IN PLACE	LF	193	\$660.00	\$127,380.00
5.	TRENCH SAFETY SYSTEM, ALL DEPTHS, INCLUDING TRENCH SAFETY FOR STORM SEWER PIPES AND SAFETY END TREATMENTS, COMPLETE IN PLACE	LF	756	\$0.15	\$113.40
6.	TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER WITH TYPE "E" INLET TOP, INCLUDES INLET PROTECTION BARRIER, ALL SIDES OPEN, ALL DEPTHS, COMPLETE IN PLACE	EA	5	\$11,000.00	\$55,000.00
7.	TYPE "E" INLET, INCLUDES INLET PROTECTION BARRIER, ALL SIDES OPEN, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$7,000.00	\$7,000.00
8.	5" REINFORCED CONCRETE SLOPE PAVING, INCLUDING 2' TOE WALL AROUND EDGES, COMPLETE IN PLACE	SY	118	\$210.00	\$24,780.00

* MATHEMATICAL ERROR

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 TO SERVE KATY MANOR SOUTH
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 MAY 2, 2019
 LJA ENGINEERING, INC.
 L. MARTINEZ
 MAY 6, 2019
 1750-3218 (9.2)

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

10) TRIPLE B SERVICES, LLP

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
9.	8" BRICK PLUG FOR 24" STORM SEWER, COMPLETE IN PLACE	EA	1	\$850.00	\$850.00
10.	8" BRICK PLUG FOR 42" STORM SEWER, COMPLETE IN PLACE	EA	2	\$1,000.00	\$2,000.00
11.	8" BRICK PLUG FOR 48" STORM SEWER, COMPLETE IN PLACE	EA	1	\$1,100.00	\$1,100.00
12.	UTILITY SPOIL TO BE HAULED, SPREAD, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	LS	1	\$1.00	\$1.00
13.	REMOVE EXISTING 8" BRICK PLUG AND CONNECT PROPOSED 48" STORM SEWER, INCLUDES TEMPORARY BRICK PLUG, BYPASS PUMPING COFFER DAMS (AS NEEDED), COMPLETE IN PLACE	EA	3	\$6,000.00	\$18,000.00
14.	DRAINAGE SWALE, PER CONSTRUCTION PLANS, COMPLETE IN PLACE	LF	11,399	\$3.50	\$39,896.50
SUBTOTAL DETENTION DRAINAGE ITEMS					\$554,966.90
MISCELLANEOUS DETENTION ITEMS					
1.	2' CLAY LINER TO BE USED WHERE UNSUITABLE SOILS OCCUR DURING EXCAVATION, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), INCLUDES EXTRA EXCAVATION, STOCKPILING OF SUITABLE MATERIAL FROM LAKES, HAULING, PLACEMENT AND COMPACTION OF SUITABLE MATERIAL FOR LAKE LINING, COMPLETE IN PLACE	CY	12,818	\$1.50	\$19,227.00
2.	ADDITIONAL COST TO SCARIFY AREAS TO RECEIVE FILL TO A DEPTH OF 12 INCHES TO AERATE THE SUBGRADE SOILS AND RE-COMPACT TO 95% STANDARD PROCTOR DENSITY (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	30	\$200.00	\$6,000.00
3.	ADDITIONAL COST TO SCARIFY AREAS TO RECEIVE FILL TO A DEPTH OF 24 INCHES TO AERATE THE SUBGRADE SOILS AND RE-COMPACT TO 95% STANDARD PROCTOR DENSITY (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	30	\$300.00	\$9,000.00
4.	DEWATERING (GROUNDWATER CONTROL) TO COMPLETE THE CONSTRUCTION OF INTERCONNECTS, ALL LINE SIZES AND DEPTHS, INCLUDES CONVENTIONAL VACUUM TYPE WELL POINTS, INTERNAL SUMPS AND PUMPS OR ANY TYPE OF PUMPING AS NECESSARY TO COMPLETE THE CONSTRUCTION OF THE PROJECT, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	200	\$40.00	\$8,000.00
5.	DEWATERING (GROUNDWATER CONTROL) TO COMPLETE THE CONSTRUCTION OF PONDS, INCLUDES CONVENTIONAL VACUUM TYPE WELL POINTS, INTERNAL SUMPS AND PUMPS OR ANY TYPE OF PUMPING AS NECESSARY TO COMPLETE THE CONSTRUCTION OF THE PROJECT, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	7	\$3,000.00	\$21,000.00
6.	6" PORTABLE PUMP FOR REMOVAL OF SURFACE WATER REQUIRED TO CONSTRUCT PONDS, UTILITIES, AND OUTFALLS AND FOR REMOVAL OF WATER IN PONDS IN LIEU OF OUTFALL BEING CONSTRUCTED (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	HR	600	\$10.00	\$6,000.00
7.	8" PORTABLE PUMP FOR REMOVAL OF SURFACE WATER REQUIRED TO CONSTRUCT PONDS, UTILITIES, AND OUTFALLS AND FOR REMOVAL OF WATER IN PONDS IN LIEU OF OUTFALL BEING CONSTRUCTED (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	HR	300	\$15.00	\$4,500.00
8.	STORMWATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDES GENERAL SOURCE CONTROL AND ALL OTHER ITEMS NOT SPECIFICALLY LISTED, COMPLETE IN PLACE	LS	1	\$2,500.00	\$2,500.00

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 TO SERVE KATY MANOR SOUTH
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 MAY 2, 2019
 LJA ENGINEERING, INC.
 L. MARTINEZ
 MAY 6, 2019
 1750-3218 (9.2)

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10) TRIPLE B SERVICES, LLP

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
9.	CONSTRUCT MAINTAIN & REMOVE STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	EA	1	\$4,000.00	\$4,000.00
10.	REINFORCED FILTER FABRIC FENCE (SILT BARRIER FENCING), INCLUDES MAINTENANCE, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	10,944	\$1.00	\$10,944.00
11.	HYDROMULCH SEEDING OF LAKE RESERVE ABOVE SPECIFIED WATER SURFACE ELEVATION PER HCFC D SECTION 02921 (DRY APPLICATION), COMPLETE IN PLACE	AC	2.3	\$3,500.00	\$8,050.00
12.	MOWING OF LAKES AND FILL AREAS (ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	61.1	\$25.00	\$1,527.50
13.	EXTRA COST OF STORM SEWER WET SAND CONSTRUCTION AS PER HARRIS COUNTY SPECIFICATIONS. ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	250	\$10.00	\$2,500.00
14.	CONCRETE TRUCK WASHOUT, INCLUDING INSTALLATION MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	1	\$762.10	\$762.10
15.	OVER EXCAVATION OF UNSUITABLE MATERIAL PRIOR TO FILL PLACEMENT WITHIN FILL AREAS, INCLUDES EXCAVATION, DEMUCKING, AND SPREADING OF UNSUITABLE MATERIAL AND PLACEMENT OF MATERIAL AS FINAL LIFT UPON COMPLETION OF FILL (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	50,000	\$1.50	\$75,000.00
16.	CONTRACTOR SHALL TV & CLEAN PROPOSED STORM SEWER, ALL SIZES, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	948	\$3.00	\$2,844.00
17.	STAGE II INLET PROTECTION BARRIERS, (SAND BAGS FOR PROPOSED AND EXISTING INLETS), (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	8	\$50.00	\$400.00
18.	CHIPPING AND REMOVAL OF MATERIAL, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LS	1	\$1.00	\$1.00
19.	WASTE CONTAINER (10 CY), AS DIRECTED BY THE ENGINEER, IF REQUIRED, COMPLETE IN PLACE	EA	5	\$550.00	\$2,750.00
20.	EXTRA CEMENT STABILIZED SAND (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	100	\$5.00	\$500.00
21.	AIR BRIDGE FOR PIPELINE CROSSING (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LS	1	\$5.00	\$5.00
22.	REMOVE AND PROPERLY DISPOSE DEMOLITION ITEMS AS SHOWN ON SHEET 5, COMPLETE IN PLACE	LS	1	\$200,000.00	\$200,000.00
SUBTOTAL MISCELLANEOUS DETENTION ITEMS					\$385,510.60
ALTERNATE BID ITEM					
1.	HAUL EXCAVATED MATERIAL FROM PROPOSED POND TO OFFSITE DISPOSAL AREA IN LIEU OF DETENTION EXCAVATION ITEM 3, COMPLETE IN PLACE	CY	60,984	\$30.00	\$1,829,520.00
SUBTOTAL ALTERNATE BID ITEM					\$1,829,520.00

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CONSTRUCTION OF THE PHASE 2 DETENTION FACILITIES
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10) TRIPLE B SERVICES, LLP

ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
BID SUMMARY				
SUBTOTAL DETENTION EXCAVATION ITEMS				\$1,059,523.50
SUBTOTAL DETENTION DRAINAGE ITEMS				\$554,965.90
SUBTOTAL MISCELLANEOUS DETENTION ITEMS				\$385,510.60
TOTAL AMOUNT BID				\$2,000,000.00
ALTERNATE BID				
TOTAL AMOUNT BID				\$2,000,000.00
DEDUCT DETENTION EXCAVATION ITEM NO. 3				(\$250,034.40)
SUBTOTAL ALTERNATE BID ITEM				\$1,829,520.00
TOTAL AMOUNT BID INCLUDING ALTERNATE BID ITEM				\$3,579,485.60

LJA Engineering, Inc.