

BID TABULATION FOR:

CONSTRUCTION OF THE PHASE 3 DETENTION FACILITIES  
TO SERVE KATY MANOR SOUTH  
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495  
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS  
OCTOBER 19, 2021  
LJA ENGINEERING, INC.  
S. YOUNG  
OCTOBER 19, 2021  
1750-3228 (9.2)

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

BIDDER'S NAME	TOTAL AMOUNT BID	BID INCLUDING ALTERNATE BID ITEM
1) STERLING SITE SERVICE, LLC	\$411,526.65	\$785,852.25
2) HURTADO CONSTRUCTION COMPANY	\$508,612.24	\$948,728.40
3) CE BARKER, LTD	\$531,031.09	\$1,161,996.59
4) LONNIE LISCHKA COMPANY, LP	\$535,181.54	\$1,157,639.64
5) CLEAR X, LLC	\$601,845.11	\$1,087,050.49

CALENDAR DAYS 35/50



*Andrew Bowman*

10/19/21

I, Andrew Bowman, P.E., hereby certify these bid tabulations to be true and correct.

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ITEM	DESCRIPTION	UNIT	QTY	1) STERLING SITE SERVICE, LLC		2) HURTADO CONSTRUCTION COMPANY		3) CE BARKER, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>DETENTION EXCAVATION ITEMS</b>									
1	DETENTION EXCAVATION FROM DETENTION PONDS, INCLUDES STRIPPING AND STOCKPILE OF STRIPPINGS AND REPLACEMENT OF STRIPPINGS UPON COMPLETION, COMPLETE IN PLACE	CY	28358	\$1.80	\$51,044.40	\$1.88	\$53,313.04	\$1.75	\$49,626.50
2	AMENITY EXCAVATION FROM DETENTION PONDS, INCLUDES STRIPPING AND STOCKPILE OF STRIPPINGS AND REPLACEMENT OF STRIPPINGS UPON COMPLETION, COMPLETE IN PLACE	CY	22981	\$1.80	\$41,365.80	\$1.62	\$37,229.22	\$1.75	\$40,216.75
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	28358	\$1.80	\$51,044.40	\$2.48	\$70,327.84	\$2.50	\$70,895.00
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	22981	\$1.80	\$41,365.80	\$2.58	\$59,290.98	\$2.50	\$57,452.50
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	10009	\$0.75	\$7,506.75	\$1.38	\$13,812.42	\$1.75	\$17,515.75
6	CLEARING & GRUBBING OF EXCAVATION AND FILL AREAS, COMPLETE IN PLACE	AC	8	\$550.00	\$4,400.00	\$6,555.00	\$52,440.00	\$4,008.60	\$32,068.80
<b>DETENTION EXCAVATION ITEMS SUBTOTAL:</b>						<b>\$196,727.15</b>		<b>\$286,413.50</b>	<b>\$267,775.30</b>
<b>DETENTION DRAINAGE ITEMS</b>									
1	48" R.C.P., ASTM C-76, CLASS III STORM SEWER, ALL CUTS, TO INCLUDE BEDDING & BACKFILL, COMPLETE IN PLACE	LF	508	\$172.00	\$87,376.00	\$188.88	\$95,951.04	\$245.65	\$124,790.20
2	TRENCH SAFETY SYSTEM, ALL DEPTHS, INCLUDING TRENCH SAFETY FOR STORM SEWER PIPES AND SAFETY END TREATMENTS, COMPLETE IN PLACE	LF	508	\$3.00	\$1,524.00	\$0.28	\$142.24	\$0.01	\$5.08
3	TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$5,700.00	\$5,700.00	\$3,888.00	\$3,888.00	\$5,287.68	\$5,287.68
4	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	1	\$8,200.00	\$8,200.00	\$4,388.00	\$4,388.00	\$6,634.08	\$6,634.08
5	REMOVE TYPE "E" INLET TOP & CONSTRUCT TYPE "C" MANHOLE TOP, COMPLETE IN PLACE	EA	1	\$3,500.00	\$3,500.00	\$5,888.00	\$5,888.00	\$5,899.68	\$5,899.68
6	CONNECT PROPOSED 48" STORM SEWER TO EXISTING 48" STORM SEWER, ALL DEPTHS, INCLUDES TEMPORARY BRICK PLUG, BYPASS PUMPING & COFFER DAM (AS NEEDED), COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$6,888.00	\$6,888.00	\$4,853.16	\$4,853.16
7	5" REINFORCED CONCRETE SLOPE PAVING, INCLUDING 2' TOE WALL AROUND EDGES, COMPLETE IN PLACE	SY	67	\$85.00	\$5,695.00	\$84.88	\$5,686.96	\$106.49	\$7,134.83
8	8" BRICK PLUG FOR 48" STORM SEWER, COMPLETE IN PLACE	EA	1	\$750.00	\$750.00	\$88.00	\$88.00	\$440.64	\$440.64
9	UTILITY SPOIL TO BE HAULED, SPREAD, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	LS	1	\$1,000.00	\$1,000.00	\$2,588.00	\$2,588.00	\$1,075.97	\$1,075.97
10	DRAINAGE SWALE, PER CONSTRUCTION PLANS, COMPLETE IN PLACE	LF	704	\$3.00	\$2,112.00	\$2.50	\$1,760.00	\$10.66	\$7,504.64

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ITEM	DESCRIPTION	UNIT	QTY	1) STERLING SITE SERVICE, LLC		2) HURTADO CONSTRUCTION COMPANY		3) CE BARKER, LTD		
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
<b>DETENTION DRAINAGE ITEMS SUBTOTAL:</b>					<b>\$116,857.00</b>		<b>\$127,268.24</b>		<b>\$163,625.96</b>	
<b>MISCELLANEOUS DETENTION ITEMS</b>										
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	4689	\$1.50	\$7,033.50	\$1.50	\$7,033.50	\$1.50	\$7,033.50	
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	4	\$200.00	\$800.00	\$200.00	\$800.00	\$200.00	\$800.00	
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	4	\$300.00	\$1,200.00	\$300.00	\$1,200.00	\$300.00	\$1,200.00	
4	DEWATERING (GROUNDWATER CONTROL) TO COMPLETE THE CONSTRUCTION OF STORM SEWER, 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	100	\$22.00	\$2,200.00	\$22.00	\$2,200.00	\$22.00	\$2,200.00	
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	4	\$3,000.00	\$12,000.00	\$3,000.00	\$12,000.00	\$3,000.00	\$12,000.00	
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	300	\$10.00	\$3,000.00	\$10.00	\$3,000.00	\$10.00	\$3,000.00	
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	150	\$15.00	\$2,250.00	\$15.00	\$2,250.00	\$15.00	\$2,250.00	
8	STORMWATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDES GENERAL SOURCE CONTROL AND ALL OTHER ITEMS NOT SPECIFICALLY LISTED, COMPLETE IN PLACE	LS	1	\$2,200.00	\$2,200.00	\$888.00	\$888.00	\$6,732.00	\$6,732.00	
9	CONSTRUCT, MAINTAIN & REMOVE STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	EA	1	\$2,200.00	\$2,200.00	\$888.00	\$888.00	\$3,255.84	\$3,255.84	
10	REINFORCED FILTER FABRIC FENCE (SILT BARRIER FENCING), INCLUDES MAINTENANCE, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	5307	\$1.00	\$5,307.00	\$1.00	\$5,307.00	\$1.00	\$5,307.00	
11	HYDROMULCH SEEDING OF LAKE RESERVE ABOVE SPECIFIED WATER SURFACE ELEVATION PER HCFCD SECTION 02921 (DRY APPLICATION), COMPLETE IN PLACE	AC	2	\$1,800.00	\$3,600.00	\$2,358.00	\$4,716.00	\$3,121.20	\$6,242.40	
12	MOWING OF LAKES AND FILL AREAS (ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	8	\$25.00	\$200.00	\$25.00	\$200.00	\$25.00	\$200.00	

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ITEM	DESCRIPTION	UNIT	QTY	1) STERLING SITE SERVICE, LLC		2) HURTADO CONSTRUCTION COMPANY		3) CE BARKER, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
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	100	\$10.00	\$1,000.00	\$10.00	\$1,000.00	\$10.00	\$1,000.00
14	CONCRETE TRUCK WASHOUT, INCLUDING INSTALLATION MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$588.00	\$588.00	\$1,224.00	\$1,224.00
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	25000	\$1.50	\$37,500.00	\$1.50	\$37,500.00	\$1.50	\$37,500.00
16	CONTRACTOR SHALL TV & CLEAN PROPOSED STORM SEWER, ALL SIZES, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	508	\$19.00	\$9,652.00	\$1.00	\$508.00	\$0.01	\$5.08
17	CHIPPING AND REMOVAL OF MATERIAL, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LS	1	\$2,000.00	\$2,000.00	\$5,888.00	\$5,888.00	\$0.01	\$0.01
18	WASTE CONTAINER (10 CY), AS DIRECTED BY THE ENGINEER, IF REQUIRED, COMPLETE IN PLACE	EA	2	\$750.00	\$1,500.00	\$1,288.00	\$2,576.00	\$1,224.00	\$2,448.00
19	EXTRA CEMENT STABILIZED SAND (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	100	\$5.00	\$500.00	\$5.00	\$500.00	\$5.00	\$500.00
20	AIR BRIDGE FOR PIPELINE CROSSING (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LS	1	\$3,000.00	\$3,000.00	\$5,888.00	\$5,888.00	\$6,732.00	\$6,732.00
<b>MISCELLANEOUS DETENTION ITEMS SUBTOTAL:</b>					<b>\$97,942.50</b>	<b>\$94,930.50</b>	<b>\$99,629.83</b>		
<b><u>ALTERNATE BID ITEM</u></b>									
1	HAUL EXCAVATED MATERIAL FROM PROPOSED POND TO OFFSITE DISPOSAL AREA IN LIEU OF DETENTION EXCAVATION ITEM 3, COMPLETE IN PLACE	CY	28358	\$15.00	\$425,370.00	\$18.00	\$510,444.00	\$24.75	\$701,860.50
<b>ALTERNATE BID ITEM SUBTOTAL:</b>					<b>\$425,370.00</b>	<b>\$510,444.00</b>	<b>\$701,860.50</b>		
<b><u>BIDDING SUMMARY</u></b>									
SUBTOTAL DETENTION EXCAVATION ITEMS					\$196,727.15	\$286,413.50	\$267,775.30		
SUBTOTAL DETENTION DRAINAGE ITEMS					\$116,857.00	\$127,268.24	\$163,625.96		
SUBTOTAL MISCELLANEOUS DETENTION ITEMS					\$97,942.50	\$94,930.50	\$99,629.83		
<b>TOTAL AMOUNT BASE BID</b>					<b>\$411,526.65</b>	<b>\$508,612.24</b>	<b>\$531,031.09</b>		
<b><u>ALTERNATE BID ITEM</u></b>									
TOTAL AMOUNT BASE BID					\$411,526.65	\$508,612.24	\$531,031.09		
DEDUCT DETENTION EXCAVATION ITEMS ITEM NO.3					-\$51,044.40	-\$70,327.84	-\$70,895.00		
SUBTOTAL ALTERNATE BID ITEM					\$425,370.00	\$510,444.00	\$701,860.50		
<b>TOTAL AMOUNT INCLUDING ALTERNATE BID ITEM</b>					<b>\$785,852.25</b>	<b>\$948,728.40</b>	<b>\$1,161,996.59</b>		

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ITEM	DESCRIPTION	UNIT	QTY	4) LONNIE LISCHKA COMPANY, LP		5) CLEAR X, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>DETENTION EXCAVATION ITEMS</b>							
1	DETENTION EXCAVATION FROM DETENTION PONDS, INCLUDES STRIPPING AND STOCKPILE OF STRIPPINGS AND REPLACEMENT OF STRIPPINGS UPON COMPLETION, COMPLETE IN PLACE	CY	28358	\$2.00	\$56,716.00	\$2.89	\$81,954.62
2	AMENITY EXCAVATION FROM DETENTION PONDS, INCLUDES STRIPPING AND STOCKPILE OF STRIPPINGS AND REPLACEMENT OF STRIPPINGS UPON COMPLETION, COMPLETE IN PLACE	CY	22981	\$2.00	\$45,962.00	\$2.89	\$66,415.09
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	28358	\$3.05	\$86,491.90	\$2.89	\$81,954.62
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	22981	\$3.05	\$70,092.05	\$2.89	\$66,415.09
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	10009	\$0.01	\$100.09	\$1.50	\$15,013.50
6	CLEARING & GRUBBING OF EXCAVATION AND FILL AREAS, COMPLETE IN PLACE	AC	8	\$775.00	\$6,200.00	\$1,200.00	\$9,600.00
<b>DETENTION EXCAVATION ITEMS SUBTOTAL:</b>					<b>\$265,562.04</b>		<b>\$321,352.92</b>
<b>DETENTION DRAINAGE ITEMS</b>							
1	48" R.C.P., ASTM C-76, CLASS III STORM SEWER, ALL CUTS, TO INCLUDE BEDDING & BACKFILL, COMPLETE IN PLACE	LF	508	\$198.00	\$100,584.00	\$204.00	\$103,632.00
2	TRENCH SAFETY SYSTEM, ALL DEPTHS, INCLUDING TRENCH SAFETY FOR STORM SEWER PIPES AND SAFETY END TREATMENTS, COMPLETE IN PLACE	LF	508	\$0.55	\$279.40	\$0.33	\$167.64
3	TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$5,390.00	\$5,390.00	\$9,860.00	\$9,860.00
4	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	1	\$6,820.00	\$6,820.00	\$9,115.00	\$9,115.00
5	REMOVE TYPE "E" INLET TOP & CONSTRUCT TYPE "C" MANHOLE TOP, COMPLETE IN PLACE	EA	1	\$880.00	\$880.00	\$1,584.00	\$1,584.00
6	CONNECT PROPOSED 48" STORM SEWER TO EXISTING 48" STORM SEWER, ALL DEPTHS, INCLUDES TEMPORARY BRICK PLUG, BYPASS PUMPING & COFFER DAM (AS NEEDED), COMPLETE IN PLACE	EA	1	\$2,860.00	\$2,860.00	\$1,650.00	\$1,650.00
7	5" REINFORCED CONCRETE SLOPE PAVING, INCLUDING 2' TOE WALL AROUND EDGES, COMPLETE IN PLACE	SY	67	\$107.80	\$7,222.60	\$165.00	\$11,055.00
8	8" BRICK PLUG FOR 48" STORM SEWER, COMPLETE IN PLACE	EA	1	\$440.00	\$440.00	\$605.00	\$605.00
9	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	\$4,030.00	\$4,030.00
10	DRAINAGE SWALE, PER CONSTRUCTION PLANS, COMPLETE IN PLACE	LF	704	\$3.00	\$2,112.00	\$3.00	\$2,112.00

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ITEM	DESCRIPTION	UNIT	QTY	4) LONNIE LISCHKA COMPANY, LP		5) CLEAR X, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>DETENTION DRAINAGE ITEMS SUBTOTAL:</b>					<b>\$128,588.00</b>		<b>\$143,810.64</b>
<b>MISCELLANEOUS DETENTION ITEMS</b>							
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	4689	\$1.50	\$7,033.50	\$4.00	\$18,756.00
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	4	\$200.00	\$800.00	\$200.00	\$800.00
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	4	\$300.00	\$1,200.00	\$300.00	\$1,200.00
4	DEWATERING (GROUNDWATER CONTROL) TO COMPLETE THE CONSTRUCTION OF STORM SEWER, 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	100	\$22.00	\$2,200.00	\$30.00	\$3,000.00
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	4	\$3,000.00	\$12,000.00	\$3,000.00	\$12,000.00
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	300	\$10.00	\$3,000.00	\$10.00	\$3,000.00
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	150	\$15.00	\$2,250.00	\$15.00	\$2,250.00
8	STORMWATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDES GENERAL SOURCE CONTROL AND ALL OTHER ITEMS NOT SPECIFICALLY LISTED, COMPLETE IN PLACE	LS	1	\$1,500.00	\$1,500.00	\$2,585.00	\$2,585.00
9	CONSTRUCT, MAINTAIN & REMOVE STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	EA	1	\$3,000.00	\$3,000.00	\$2,750.00	\$2,750.00
10	REINFORCED FILTER FABRIC FENCE (SILT BARRIER FENCING), INCLUDES MAINTENANCE, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	5307	\$1.00	\$5,307.00	\$1.65	\$8,756.55
11	HYDROMULCH SEEDING OF LAKE RESERVE ABOVE SPECIFIED WATER SURFACE ELEVATION PER HCFCD SECTION 02921 (DRY APPLICATION), COMPLETE IN PLACE	AC	2	\$3,000.00	\$6,000.00	\$1,925.00	\$3,850.00
12	MOWING OF LAKES AND FILL AREAS (ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	8	\$25.00	\$200.00	\$165.00	\$1,320.00

**BID TABULATION FOR:**

CONSTRUCTION OF THE PHASE 3 DETENTION FACILITIES  
 TO SERVE KATY MANOR SOUTH  
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495  
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS  
 OCTOBER 19, 2021  
 LJA ENGINEERING, INC.  
 S. YOUNG  
 OCTOBER 19, 2021  
 1750-3228 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) LONNIE LISCHKA COMPANY, LP		5) CLEAR X, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
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	100	\$10.00	\$1,000.00	\$10.00	\$1,000.00
14	CONCRETE TRUCK WASHOUT, INCLUDING INSTALLATION MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$990.00	\$990.00
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	25000	\$3.00	\$75,000.00	\$1.50	\$37,500.00
16	CONTRACTOR SHALL TV & CLEAN PROPOSED STORM SEWER, ALL SIZES, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	508	\$5.00	\$2,540.00	\$11.00	\$5,588.00
17	CHIPPING AND REMOVAL OF MATERIAL, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LS	1	\$1.00	\$1.00	\$5,060.00	\$5,060.00
18	WASTE CONTAINER (10 CY), AS DIRECTED BY THE ENGINEER, IF REQUIRED, COMPLETE IN PLACE	EA	2	\$1,000.00	\$2,000.00	\$775.00	\$1,550.00
19	EXTRA CEMENT STABILIZED SAND (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	100	\$5.00	\$500.00	\$5.00	\$500.00
20	AIR BRIDGE FOR PIPELINE CROSSING (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LS	1	\$15,000.00	\$15,000.00	\$24,226.00	\$24,226.00
<b>MISCELLANEOUS DETENTION ITEMS SUBTOTAL:</b>					<b>\$141,031.50</b>		<b>\$136,681.55</b>
<b>ALTERNATE BID ITEM</b>							
1	HAUL EXCAVATED MATERIAL FROM PROPOSED POND TO OFFSITE DISPOSAL AREA IN LIEU OF DETENTION EXCAVATION ITEM 3, COMPLETE IN PLACE	CY	28358	\$25.00	\$708,950.00	\$20.00	\$567,160.00
<b>ALTERNATE BID ITEM SUBTOTAL:</b>					<b>\$708,950.00</b>		<b>\$567,160.00</b>
<b>BIDDING SUMMARY</b>							
SUBTOTAL DETENTION EXCAVATION ITEMS					\$265,562.04		\$321,352.92
SUBTOTAL DETENTION DRAINAGE ITEMS					\$128,588.00		\$143,810.64
SUBTOTAL MISCELLANEOUS DETENTION ITEMS					\$141,031.50		\$136,681.55
<b>TOTAL AMOUNT BASE BID</b>					<b>\$535,181.54</b>		<b>\$601,845.11</b>
<b>ALTERNATE BID ITEM</b>							
TOTAL AMOUNT BASE BID					\$535,181.54		\$601,845.11
DEDUCT DETENTION EXCAVATION ITEMS ITEM NO.3					-\$86,491.90		-\$81,954.62
SUBTOTAL ALTERNATE BID ITEM					\$708,950.00		\$567,160.00
<b>TOTAL AMOUNT INCLUDING ALTERNATE BID ITEM</b>					<b>\$1,157,639.64</b>		<b>\$1,087,050.49</b>