

BID TABULATION FOR:

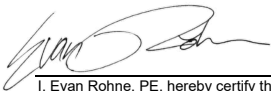
CONSTRUCTION OF LAKE "F" PART F TO SERVE
RIVERSTONE RANCH AT CLEAR CREEK SECTION 14
HARRIS-BRAZORIA COUNTIES MUNICIPAL UTILITY DISTRICT NO. 509
CITY OF PEARLAND , HARRIS COUNTY, TEXAS
NOVEMBER 5, 2020
LJA ENGINEERING, INC.
A.OTTO
NOVEMBER 5, 2020
2040-5175 (9.2)

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

BIDDER'S NAME	TOTAL AMOUNT BID	BID INCLUDING ALTERNATE BID ITEMS
1) FORT BEND EXCAVATION, INC.	\$474,465.30	\$1,756,644.90
2) STERLING SITE SERVICE, LLC	\$479,891.90	\$1,823,440.78
3) LINDSEY CONSTRUCTION, INC.	\$504,510.00	\$2,641,476.00
4) HARRIS CONSTRUCTION COMPANY, LTD.	\$548,279.15	\$1,918,129.15
5) R CONSTRUCTION CIVIL	\$604,536.00	\$2,248,356.00
6) ATZ ENVIRONMENTAL SOLUTIONS LLC,	\$614,004.00	\$2,213,988.80
7) CE BARKER, LTD	\$671,419.44	\$2,277,979.52
8) TRIPLE B SERVICES, LLP	\$875,000.00	\$3,620,179.40

CALENDAR DAYS 60/75

LJA Engineering, Inc.



I, Evan Rohne, PE, hereby certify these bid tabulations to be true and correct.



11/10/2020

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 LJA ENGINEERING, INC.
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ITEM	DESCRIPTION	UNIT	QTY	1) FORT BEND EXCAVATION, INC.		2) STERLING SITE SERVICE, LLC		3) LINDSEY CONSTRUCTION, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
EXCAVATION BID ITEMS									
1	DETENTION EXCAVATION AND HAUL TO FILL AREAS, INCLUDES DEMUCKING, STRIPPING AND STOCKPILE OF STRIPPINGS AND REPLACEMENT OF STRIPPINGS UPON COMPLETION, COMPLETE IN PLACE	CY	109588	\$1.10	\$120,546.80	\$1.37	\$150,135.56	\$1.25	\$136,985.00
2	PLACEMENT, GRADING AND COMPACTION (95% STANDARD PROCTOR DENSITY) OF EXCAVATED DETENTION MATERIAL FOR FILL AREAS AS SHOWN ON THE GRADING PLAN, INCLUDES FILL AREA DRAINAGE SWALES, STRIPPING OF FILL AREAS, STOCKPILE OF STRIPPINGS AND REPLACEMENT OF STRIPPINGS UPON COMPLETION, COMPLETE IN PLACE	CY	109588	\$1.20	\$131,505.60	\$1.37	\$150,135.56	\$1.25	\$136,985.00
3	EXISTING STOCKPILE EXCAVATION AND HAUL TO FILL AREAS, INCLUDES DEMUCKING, STRIPPING AND STOCKPILE OF STRIPPINGS AND REPLACEMENT OF STRIPPINGS UPON COMPLETION, COMPLETE IN PLACE	CY	19247	\$3.10	\$59,665.70	\$1.37	\$26,368.39	\$1.25	\$24,058.75
4	PLACEMENT GRADING AND COMPACTION (95% STANDARD PROCTOR DENSITY) OF EXCAVATED EXISTING STOCKPILE MATERIAL FOR FILL AREAS AS SHOWN ON THE GRADING PLAN, INCLUDES FILL AREA DRAINAGE SWALES, STRIPPING OF FILL AREAS, STOCKPILE OF STRIPPINGS AND REPLACEMENT OF STRIPPINGS UPON COMPLETION, COMPLETE IN PLACE	CY	19247	\$1.10	\$21,171.70	\$1.37	\$26,368.39	\$2.05	\$39,456.35
EXCAVATION BID ITEMS SUBTOTAL:					\$332,889.80		\$353,007.90		\$337,485.10
DRAINAGE BID ITEMS									
1	DRAINAGE SWALES, INCLUDES OFFSITE SWALES, BACK SLOPE SWALES, AND PILOT CHANNEL, COMPLETE IN PLACE	LF	5115	\$2.50	\$12,787.50	\$3.00	\$15,345.00	\$3.30	\$16,879.50
2	REINFORCED PILOT CHANNEL, COMPLETE IN PLACE	LF	686	\$57.00	\$39,102.00	\$41.00	\$28,126.00	\$57.00	\$39,102.00
3	CONNECT PROPOSED CONCRETE PILOT CHANNEL TO EXISTING LAKE "F" CONCRETE PILOT CHANNEL, INCLUDES REMOVAL AND DISPOSAL OF EXISTING CONCRETE, TIE-IN TO EXISTING STEEL, AND CONCRETE RE-POUR AS REQUIRED TO MAKE CONNECTION TO EXISTING LAKE "F" CONCRETE PILOT CHANNEL, COMPLETE IN PLACE	LS	1	\$250.00	\$250.00	\$1,000.00	\$1,000.00	\$1,889.90	\$1,889.90
4	BACKSLOPE INTERCEPTOR STRUCTURE, INCLUDES 24" ALUMINIZED CORRUGATED METAL PIPE, TRENCH SAFETY, SLOPE PAVING, AND INLET PROTECTION BARRIER, COMPLETE IN PLACE	EA	5	\$7,750.00	\$38,750.00	\$6,500.00	\$32,500.00	\$11,556.60	\$57,783.00
5	REMOVE AND DISPOSE EXISTING BACKSLOPE INTERCEPTOR STRUCTURE, INCLUDES 24" ALUMINIZED CORRUGATED METAL PIPE, TRENCH SAFETY, SLOPE PAVING, AND INLET PROTECTION BARRIER, COMPLETE IN PLACE	EA	3	\$750.00	\$2,250.00	\$750.00	\$2,250.00	\$842.00	\$2,526.00
6	18" RIPRAP INCLUDES GEOTECHNICAL WOVEN FABRIC UNDERLAY PER CITY OF PEARLAND SPECS, COMPLETE IN PLACE	SY	83	\$67.00	\$5,561.00	\$86.00	\$7,138.00	\$88.00	\$7,304.00
7	COFFER DAM FOR STORM SEWER IN LAKE "D" INCLUDES BYPASS PUMPING, TO FACILITATE THE CONSTRUCTION OF ANY SUBMERGED STORM SEWER, INCLUDES REMOVAL UPON COMPLETION, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$2,500.00	\$2,500.00	\$3,932.00	\$3,932.00
8	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	475	\$1.00	\$475.00	\$3.00	\$1,425.00	\$2.10	\$997.50
DRAINAGE BID ITEMS SUBTOTAL:					\$100,675.50		\$90,284.00		\$130,413.90
MISCELLANEOUS BID ITEMS									
1	ADDITIONAL COST TO SCARIFY FILL 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	6	\$200.00	\$1,200.00	\$200.00	\$1,200.00	\$200.00	\$1,200.00

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ITEM	DESCRIPTION	UNIT	QTY	1) FORT BEND EXCAVATION, INC.		2) STERLING SITE SERVICE, LLC		3) LINDSEY CONSTRUCTION, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
2	ADDITIONAL COST TO SCARIFY FILL 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	3	\$300.00	\$900.00	\$300.00	\$900.00	\$300.00	\$900.00
3	DEWATERING (GROUNDWATER CONTROL) TO COMPLETE THE CONSTRUCTION OF POND, 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	5	\$3,500.00	\$17,500.00	\$3,500.00	\$17,500.00	\$3,500.00	\$17,500.00
4	SURFACE PUMPING (SURFACE WATER CONTROL), INCLUDES PUMPING REQUIRED TO CONSTRUCT PONDS, UTILITIES, AND OUTFALLS, MINIMUM 1,000 GPM PUMP (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	HR	100	\$10.00	\$1,000.00	\$10.00	\$1,000.00	\$10.00	\$1,000.00
5	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	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
6	CONSTRUCT, MAINTAIN AND REMOVE STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
7	HYDROMULCH SEEDING OF LAKE RESERVE ABOVE SPECIFIED WATER SURFACE ELEVATION, INCLUDES WATERING, COMPLETE IN PLACE	AC	10	\$1,600.00	\$16,000.00	\$1,100.00	\$11,000.00	\$1,100.00	\$11,000.00
8	EXTRA CEMENT STABILIZED SAND, COMPLETE IN PLACE	CY	50	\$20.00	\$1,000.00	\$20.00	\$1,000.00	\$20.00	\$1,000.00
9	REMOVE AND REPLACE EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	1	\$300.00	\$300.00	\$1,000.00	\$1,000.00	\$1,011.00	\$1,011.00
MISCELLANEOUS BID ITEMS SUBTOTAL:					\$40,900.00		\$36,600.00		\$36,611.00
ALTERNATE BID ITEMS									
1	DETENTION EXCAVATION AND HAUL OFF-SITE, INCLUDES DEMUCKING, STRIPPING AND STOCKPILE OF STRIPPINGS AND REPLACEMENT OF STRIPPINGS UPON COMPLETION, TO BE USED IN LIEU OF EXCAVATION ITEM NOS. 1 & 2, COMPLETE IN PLACE	CY	109588	\$14.00	\$1,534,232.00	\$15.00	\$1,643,820.00	\$22.00	\$2,410,936.00
ALTERNATE BID ITEMS SUBTOTAL:					\$1,534,232.00		\$1,643,820.00		\$2,410,936.00
BIDDING SUMMARY									
SUBTOTAL EXCAVATION BID ITEMS					\$332,889.80		\$353,007.90		\$337,485.10
SUBTOTAL DRAINAGE BID ITEMS					\$100,675.50		\$90,284.00		\$130,413.90
SUBTOTAL MISCELLANEOUS BID ITEMS					\$40,900.00		\$36,600.00		\$36,611.00
TOTAL AMOUNT BASE BID					\$474,465.30		\$479,891.90		\$504,510.00
ALTERNATE BID ITEMS									
TOTAL AMOUNT BASE BID					\$474,465.30		\$479,891.90		\$504,510.00
DEDUCT EXCAVATION BID ITEMS ITEM NO.1					-\$120,546.80		-\$150,135.56		-\$136,985.00
DEDUCT EXCAVATION BID ITEMS ITEM NO.2					-\$131,505.60		-\$150,135.56		-\$136,985.00
SUBTOTAL ALTERNATE BID ITEMS					\$1,534,232.00		\$1,643,820.00		\$2,410,936.00
TOTAL AMOUNT INCLUDING ALTERNATE BID ITEMS					\$1,756,644.90		\$1,823,440.78		\$2,641,476.00

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4) HARRIS CONSTRUCTION COMPANY, LTD. 5) R CONSTRUCTION CIVIL 6) ATZ ENVIRONMENTAL SOLUTIONS, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
EXCAVATION BID ITEMS									
1	DETENTION EXCAVATION AND HAUL TO FILL AREAS, INCLUDES DEMUCKING,STRIPPING AND STOCKPILE OF STRIPPINGS AND REPLACEMENT OF STRIPPINGS UPON COMPLETION, COMPLETE IN PLACE	CY	109588	\$1.25	\$136,985.00	\$2.00	\$219,176.00	\$1.70	\$186,299.60
2	PLACEMENT, GRADING AND COMPACTION (95% STANDARD PROCTOR DENSITY) OF EXCAVATED DETENTION MATERIAL FOR FILL AREAS AS SHOWN ON THE GRADING PLAN, INCLUDES FILL AREA DRAINAGE SWALES, STRIPPING OF FILL AREAS, STOCKPILE OF STRIPPINGS AND REPLACEMENT OF STRIPPINGS UPON COMPLETION, COMPLETE IN PLACE	CY	109588	\$1.25	\$136,985.00	\$1.00	\$109,588.00	\$1.70	\$186,299.60
3	EXISTING STOCKPILE EXCAVATION AND HAUL TO FILL AREAS, INCLUDES DEMUCKING, STRIPPING AND STOCKPILE OF STRIPPINGS AND REPLACEMENT OF STRIPPINGS UPON COMPLETION, COMPLETE IN PLACE	CY	19247	\$2.35	\$45,230.45	\$3.00	\$57,741.00	\$1.70	\$32,719.90
4	PLACEMENT GRADING AND COMPACTION (95% STANDARD PROCTOR DENSITY) OF EXCAVATED EXISTING STOCKPILE MATERIAL FOR FILL AREAS AS SHOWN ON THE GRADING PLAN, INCLUDES FILL AREA DRAINAGE SWALES, STRIPPING OF FILL AREAS, STOCKPILE OF STRIPPINGS AND REPLACEMENT OF STRIPPINGS UPON COMPLETION, COMPLETE IN PLACE	CY	19247	\$2.35	\$45,230.45	\$2.50	\$48,117.50	\$1.70	\$32,719.90
EXCAVATION BID ITEMS SUBTOTAL:					\$364,430.90		\$434,622.50		\$438,039.00
DRAINAGE BID ITEMS									
1	DRAINAGE SWALES, INCLUDES OFFSITE SWALES, BACK SLOPE SWALES, AND PILOT CHANNEL, COMPLETE IN PLACE	LF	5115	\$3.50	\$17,902.50	\$3.00	\$15,345.00	\$4.00	\$20,460.00
2	REINFORCED PILOT CHANNEL, COMPLETE IN PLACE	LF	686	\$81.50	\$55,909.00	\$75.00	\$51,450.00	\$80.00	\$54,880.00
3	CONNECT PROPOSED CONCRETE PILOT CHANNEL TO EXISTING LAKE "F" CONCRETE PILOT CHANNEL, INCLUDES REMOVAL AND DISPOSAL OF EXISTING CONCRETE, TIE-IN TO EXISTING STEEL, AND CONCRETE RE-POUR AS REQUIRED TO MAKE CONNECTION TO EXISTING LAKE "F" CONCRETE PILOT CHANNEL, COMPLETE IN PLACE	LS	1	\$3,000.00	\$3,000.00	\$2,000.00	\$2,000.00	\$10,000.00	\$10,000.00
4	BACKSLOPE INTERCEPTOR STRUCTURE, INCLUDES 24" ALUMINIZED CORRUGATED METAL PIPE, TRENCH SAFETY, SLOPE PAVING, AND INLET PROTECTION BARRIER, COMPLETE IN PLACE	EA	5	\$9,800.00	\$49,000.00	\$9,000.00	\$45,000.00	\$6,500.00	\$32,500.00
5	REMOVE AND DISPOSE EXISTING BACKSLOPE INTERCEPTOR STRUCTURE, INCLUDES 24" ALUMINIZED CORRUGATED METAL PIPE, TRENCH SAFETY, SLOPE PAVING, AND INLET PROTECTION BARRIER, COMPLETE IN PLACE	EA	3	\$895.00	\$2,685.00	\$2,000.00	\$6,000.00	\$1,000.00	\$3,000.00
6	18" RIPRAP INCLUDES GEOTECHNICAL WOVEN FABRIC UNDERLAY PER CITY OF PEARLAND SPECS, COMPLETE IN PLACE	SY	83	\$94.75	\$7,864.25	\$90.00	\$7,470.00	\$100.00	\$8,300.00
7	COFFER DAM FOR STORM SEWER IN LAKE "D" INCLUDES BYPASS PUMPING, TO FACILITATE THE CONSTRUCTION OF ANY SUBMERGED STORM SEWER, INCLUDES REMOVAL UPON COMPLETION, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00
8	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	475	\$2.50	\$1,187.50	\$0.10	\$47.50	\$1.00	\$475.00
DRAINAGE BID ITEMS SUBTOTAL:					\$142,548.25		\$132,312.50		\$139,615.00
MISCELLANEOUS BID ITEMS									
1	ADDITIONAL COST TO SCARIFY FILL 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	6	\$200.00	\$1,200.00	\$200.00	\$1,200.00	\$200.00	\$1,200.00

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ITEM	DESCRIPTION	UNIT	QTY	4) HARRIS CONSTRUCTION COMPANY, LTD.		5) R CONSTRUCTION CIVIL		6) ATZ ENVIRONMENTAL SOLUTIONS, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
2	ADDITIONAL COST TO SCARIFY FILL 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	3	\$300.00	\$900.00	\$300.00	\$900.00	\$300.00	\$900.00
3	DEWATERING (GROUNDWATER CONTROL) TO COMPLETE THE CONSTRUCTION OF POND, 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	5	\$3,500.00	\$17,500.00	\$3,500.00	\$17,500.00	\$3,500.00	\$17,500.00
4	SURFACE PUMPING (SURFACE WATER CONTROL), INCLUDES PUMPING REQUIRED TO CONSTRUCT PONDS, UTILITIES, AND OUTFALLS, MINIMUM 1,000 GPM PUMP (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	HR	100	\$50.00	\$5,000.00	\$30.00	\$3,000.00	\$10.00	\$1,000.00
5	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	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
6	CONSTRUCT, MAINTAIN AND REMOVE STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
7	HYDROMULCH SEEDING OF LAKE RESERVE ABOVE SPECIFIED WATER SURFACE ELEVATION, INCLUDES WATERING, COMPLETE IN PLACE	AC	10	\$1,100.00	\$11,000.00	\$1,100.00	\$11,000.00	\$1,100.00	\$11,000.00
8	EXTRA CEMENT STABILIZED SAND, COMPLETE IN PLACE	CY	50	\$50.00	\$2,500.00	\$20.00	\$1,000.00	\$20.00	\$1,000.00
9	REMOVE AND REPLACE EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	1	\$200.00	\$200.00	\$1.00	\$1.00	\$750.00	\$750.00
MISCELLANEOUS BID ITEMS SUBTOTAL:					\$41,300.00		\$37,601.00		\$36,350.00
ALTERNATE BID ITEMS									
1	DETENTION EXCAVATION AND HAUL OFF-SITE, INCLUDES DEMUCKING, STRIPPING AND STOCKPILE OF STRIPPINGS AND REPLACEMENT OF STRIPPINGS UPON COMPLETION, TO BE USED IN LIEU OF EXCAVATION ITEM NOS. 1 & 2, COMPLETE IN PLACE	CY	109588	\$15.00	\$1,643,820.00	\$18.00	\$1,972,584.00	\$18.00	\$1,972,584.00
ALTERNATE BID ITEMS SUBTOTAL:					\$1,643,820.00		\$1,972,584.00		\$1,972,584.00
BIDDING SUMMARY									
SUBTOTAL EXCAVATION BID ITEMS					\$364,430.90		\$434,622.50		\$438,039.00
SUBTOTAL DRAINAGE BID ITEMS					\$142,548.25		\$132,312.50		\$139,615.00
SUBTOTAL MISCELLANEOUS BID ITEMS					\$41,300.00		\$37,601.00		\$36,350.00
TOTAL AMOUNT BASE BID					\$548,279.15		\$604,536.00		\$614,004.00
ALTERNATE BID ITEMS									
TOTAL AMOUNT BASE BID					\$548,279.15		\$604,536.00		\$614,004.00
DEDUCT EXCAVATION BID ITEMS ITEM NO.1					-\$136,985.00		-\$219,176.00		-\$186,299.60
DEDUCT EXCAVATION BID ITEMS ITEM NO.2					-\$136,985.00		-\$109,588.00		-\$186,299.60
SUBTOTAL ALTERNATE BID ITEMS					\$1,643,820.00		\$1,972,584.00		\$1,972,584.00
TOTAL AMOUNT INCLUDING ALTERNATE BID ITEMS					\$1,918,129.15		\$2,248,356.00		\$2,213,988.80

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ITEM	DESCRIPTION	UNIT	QTY	7) CE BARKER, LTD		8) TRIPLE B SERVICES, LLP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
EXCAVATION BID ITEMS							
1	DETENTION EXCAVATION AND HAUL TO FILL AREAS, INCLUDES DEMUCKING,STRIPPING AND STOCKPILE OF STRIPPINGS AND REPLACEMENT OF STRIPPINGS UPON COMPLETION, COMPLETE IN PLACE	CY	109588	\$2.27	\$248,764.76	\$3.75	\$410,955.00
2	PLACEMENT, GRADING AND COMPACTION (95% STANDARD PROCTOR DENSITY) OF EXCAVATED DETENTION MATERIAL FOR FILL AREAS AS SHOWN ON THE GRADING PLAN, INCLUDES FILL AREA DRAINAGE SWALES, STRIPPING OF FILL AREAS, STOCKPILE OF STRIPPINGS AND REPLACEMENT OF STRIPPINGS UPON COMPLETION, COMPLETE IN PLACE	CY	109588	\$1.16	\$127,122.08	\$1.20	\$131,505.60
3	EXISTING STOCKPILE EXCAVATION AND HAUL TO FILL AREAS, INCLUDES DEMUCKING, STRIPPING AND STOCKPILE OF STRIPPINGS AND REPLACEMENT OF STRIPPINGS UPON COMPLETION, COMPLETE IN PLACE	CY	19247	\$3.40	\$65,439.80	\$4.80	\$92,385.60
4	PLACEMENT GRADING AND COMPACTION (95% STANDARD PROCTOR DENSITY) OF EXCAVATED EXISTING STOCKPILE MATERIAL FOR FILL AREAS AS SHOWN ON THE GRADING PLAN, INCLUDES FILL AREA DRAINAGE SWALES, STRIPPING OF FILL AREAS, STOCKPILE OF STRIPPINGS AND REPLACEMENT OF STRIPPINGS UPON COMPLETION, COMPLETE IN PLACE	CY	19247	\$2.44	\$46,962.68	\$1.20	\$23,096.40
EXCAVATION BID ITEMS SUBTOTAL:					\$488,289.32		\$657,942.60
DRAINAGE BID ITEMS							
1	DRAINAGE SWALES, INCLUDES OFFSITE SWALES, BACK SLOPE SWALES, AND PILOT CHANNEL, COMPLETE IN PLACE	LF	5115	\$5.75	\$29,411.25	\$3.20	\$16,368.00
2	REINFORCED PILOT CHANNEL, COMPLETE IN PLACE	LF	686	\$53.94	\$37,002.84	\$84.00	\$57,624.00
3	CONNECT PROPOSED CONCRETE PILOT CHANNEL TO EXISTING LAKE "F" CONCRETE PILOT CHANNEL, INCLUDES REMOVAL AND DISPOSAL OF EXISTING CONCRETE, TIE-IN TO EXISTING STEEL, AND CONCRETE RE-POUR AS REQUIRED TO MAKE CONNECTION TO EXISTING LAKE "F" CONCRETE PILOT CHANNEL, COMPLETE IN PLACE	LS	1	\$3,646.50	\$3,646.50	\$1,800.00	\$1,800.00
4	BACKSLOPE INTERCEPTOR STRUCTURE, INCLUDES 24" ALUMINIZED CORRUGATED METAL PIPE, TRENCH SAFETY, SLOPE PAVING, AND INLET PROTECTION BARRIER, COMPLETE IN PLACE	EA	5	\$6,925.35	\$34,626.75	\$8,100.00	\$40,500.00
5	REMOVE AND DISPOSE EXISTING BACKSLOPE INTERCEPTOR STRUCTURE, INCLUDES 24" ALUMINIZED CORRUGATED METAL PIPE, TRENCH SAFETY, SLOPE PAVING, AND INLET PROTECTION BARRIER, COMPLETE IN PLACE	EA	3	\$1,103.29	\$3,309.87	\$2,300.00	\$6,900.00
6	18" RIPRAP INCLUDES GEOTECHNICAL WOVEN FABRIC UNDERLAY PER CITY OF PEARLAND SPECS, COMPLETE IN PLACE	SY	83	\$87.52	\$7,264.16	\$115.00	\$9,545.00
7	COFFER DAM FOR STORM SEWER IN LAKE "D" INCLUDES BYPASS PUMPING, TO FACILITATE THE CONSTRUCTION OF ANY SUBMERGED STORM SEWER, INCLUDES REMOVAL UPON COMPLETION, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$21,879.00	\$21,879.00	\$9,500.00	\$9,500.00
8	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	475	\$0.14	\$66.50	\$0.50	\$237.50
DRAINAGE BID ITEMS SUBTOTAL:					\$137,206.87		\$142,474.50
MISCELLANEOUS BID ITEMS							
1	ADDITIONAL COST TO SCARIFY FILL 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	6	\$200.00	\$1,200.00	\$1,600.00	\$9,600.00

BID TABULATION FOR:

CONSTRUCTION OF LAKE "F" PART F TO SERVE
 RIVERSTONE RANCH AT CLEAR CREEK SECTION 14
 HARRIS-BRAZORIA COUNTIES MUNICIPAL UTILITY DISTRICT NO. 509
 CITY OF PEARLAND , HARRIS COUNTY, TEXAS
 NOVEMBER 5, 2020
 LJA ENGINEERING, INC.
 A.OTTO
 NOVEMBER 5, 2020
 2040-5175 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	7) CE BARKER, LTD		8) TRIPLE B SERVICES, LLP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
2	ADDITIONAL COST TO SCARIFY FILL 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	3	\$300.00	\$900.00	\$2,600.00	\$7,800.00
3	DEWATERING (GROUNDWATER CONTROL) TO COMPLETE THE CONSTRUCTION OF POND, 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	5	\$3,500.00	\$17,500.00	\$5,000.00	\$25,000.00
4	SURFACE PUMPING (SURFACE WATER CONTROL), INCLUDES PUMPING REQUIRED TO CONSTRUCT PONDS, UTILITIES, AND OUTFALLS, MINIMUM 1,000 GPM PUMP (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	HR	100	\$50.00	\$5,000.00	\$62.00	\$6,200.00
5	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	\$1,500.00	\$1,500.00
6	CONSTRUCT, MAINTAIN AND REMOVE STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$2,500.00	\$2,500.00
7	HYDROMULCH SEEDING OF LAKE RESERVE ABOVE SPECIFIED WATER SURFACE ELEVATION, INCLUDES WATERING, COMPLETE IN PLACE	AC	10	\$1,550.00	\$15,500.00	\$2,000.00	\$20,000.00
8	EXTRA CEMENT STABILIZED SAND, COMPLETE IN PLACE	CY	50	\$20.00	\$1,000.00	\$30.00	\$1,500.00
9	REMOVE AND REPLACE EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	1	\$1,823.25	\$1,823.25	\$482.90	\$482.90
MISCELLANEOUS BID ITEMS SUBTOTAL:					\$45,923.25		\$74,582.90
ALTERNATE BID ITEMS							
1	DETENTION EXCAVATION AND HAUL OFF-SITE, INCLUDES DEMUCKING, STRIPPING AND STOCKPILE OF STRIPPINGS AND REPLACEMENT OF STRIPPINGS UPON COMPLETION, TO BE USED IN LIEU OF EXCAVATION ITEM NOS. 1 & 2, COMPLETE IN PLACE	CY	109588	\$18.09	\$1,982,446.92	\$30.00	\$3,287,640.00
ALTERNATE BID ITEMS SUBTOTAL:					\$1,982,446.92		\$3,287,640.00
BIDDING SUMMARY							
SUBTOTAL EXCAVATION BID ITEMS					\$488,289.32		\$657,942.60
SUBTOTAL DRAINAGE BID ITEMS					\$137,206.87		\$142,474.50
SUBTOTAL MISCELLANEOUS BID ITEMS					\$45,923.25		\$74,582.90
TOTAL AMOUNT BASE BID					\$671,419.44		\$875,000.00
ALTERNATE BID ITEMS							
TOTAL AMOUNT BASE BID					\$671,419.44		\$875,000.00
DEDUCT EXCAVATION BID ITEMS ITEM NO.1					-\$248,764.76		-\$410,955.00
DEDUCT EXCAVATION BID ITEMS ITEM NO.2					-\$127,122.08		-\$131,505.60
SUBTOTAL ALTERNATE BID ITEMS					\$1,982,446.92		\$3,287,640.00
TOTAL AMOUNT INCLUDING ALTERNATE BID ITEMS					\$2,277,979.52		\$3,620,179.40