

BID TABULATION FOR:

CONSTRUCTION OF DETENTION AND GRADING  
 TO SERVE SOUTHERN COLONY II DETENTION PHASE II  
 BRAZORIA-FORT BEND COUNTIES MUNICIPAL UTILITY DISTRICT NO. 3  
 CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS  
 SEPTEMBER 11, 2020  
 LJA ENGINEERING, INC.  
 C. DURHAM  
 SEPTEMBER 11, 2020  
 1931-8062 (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) SONORA CONSTRUCTION	\$2,748,327.80	\$8,678,178.30
2) R CONSTRUCTION CIVIL	\$2,769,534.90	\$9,174,599.90
3) COOLEY CONSTRUCTION, LLC	\$3,027,108.60	\$10,911,537.00
4) HARRIS CONSTRUCTION COMPANY, LTD.	\$3,125,567.45	\$7,177,237.20
5) CLEARX, LLC	\$3,143,091.00	\$12,213,489.50
6) LONGHORN EXCAVATORS, INC.	\$3,233,901.24	\$10,796,010.24
7) DOUBLE OAK CONSTRUCTION, INC	\$3,521,684.60	\$10,387,450.80
8) EARTH BUILDERS, L.P.	\$3,727,293.20	\$10,488,139.20
9) BLAZEY CONSTRUCTION SERVICES LLC	\$4,149,288.07	\$10,050,212.47
10) TRIPLE B SERVICES, LLP	\$4,641,916.20	\$4,641,916.20

CALENDAR DAYS 110/120



9-14-2020

*Michael S. Rusk*

I, Michael S. Rusk, P.E., hereby certify these bid tabulations to be true and correct.

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 LJA ENGINEERING, INC.  
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ITEM	DESCRIPTION	UNIT	QTY	1) SONORA CONSTRUCTION		2) R CONSTRUCTION CIVIL		3) COOLEY CONSTRUCTION, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>DETENTION AND DRAINAGE ITEMS</b>									
1	EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF ULTIMATE DETENTION PORTION OF LAKE D, AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	40315	\$2.65	\$106,834.75	\$2.50	\$100,787.50	\$2.92	\$117,719.80
2	EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF ULTIMATE DETENTION PORTION OF LAKE E & G, AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	372915	\$2.65	\$988,224.75	\$2.50	\$932,287.50	\$2.92	\$1,088,911.80
3	LIGHT CLEARING AND GRUBBING, - MATERIAL TO BE HAULED OFFSITE (INCLUDES REMOVAL OF TREES, ROOT RAKING, BACK DRAGGING, AND TRANSPORTING), COMPLETE IN PLACE	AC	128.9	\$990.00	\$125,631.00	\$2,500.00	\$317,250.00	\$2,600.00	\$329,940.00
4	REMOVE AND DISPOSE EXISTING BARBED WIRE FENCE AND GATES ON EAST SIDE OF SOUTHERN COLONY EXPANSION PHASE 1 SECTION 3, ONLY TO BE USED AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	1500	\$2.50	\$3,750.00	\$2.00	\$3,000.00	\$1.00	\$1,500.00
5	INSTALL A 18' GRAVEL ACCESS ROAD WITHIN THE MAINTENANCE BERM BETWEEN THE PUMP STATION SITE AND THE WASTEWATER TREATMENT PLANT SITE, ONLY TO BE USED AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	4650	\$20.00	\$93,000.00	\$17.00	\$79,050.00	\$18.00	\$83,700.00
6	DEWATERING FOR GROUND WATER CONTROL, (INCLUDES CONVENTIONAL VACUUM TYPE WELL POINTS, INTERNAL SUMPS AND PUMPS, OR ANY TYPE OF PUMPING NECESSARY TO COMPLETE THE CONSTRUCTION OF THE PROJECT), COMPLETE IN PLACE	AC	15	\$1,000.00	\$15,000.00	\$1,000.00	\$15,000.00	\$1.00	\$15.00
7	FINAL GRADING OF FILL AREAS, CHANNELS, AND HIGH BANK TO FINISHED ELEVATIONS AS PER GRADING PLAN, COMPLETE IN PLACE	LS	1	\$10,000.00	\$10,000.00	\$25,000.00	\$25,000.00	\$12,690.00	\$12,690.00
8	6'X6' PRECAST REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, ALL DEPTHS, INCLUDES RUBBER GASKETS AT ALL JOINTS AND BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	436	\$523.00	\$228,028.00	\$440.00	\$191,840.00	\$480.00	\$209,280.00
9	7'X6' PRECAST REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, ALL DEPTHS, INCLUDES RUBBER GASKETS AT ALL JOINTS AND BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	376	\$615.00	\$231,240.00	\$520.00	\$195,520.00	\$564.00	\$212,064.00
10	10'X4' PRECAST REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, ALL DEPTHS, INCLUDES RUBBER GASKETS AT ALL JOINTS AND BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	57	\$952.00	\$54,264.00	\$700.00	\$39,900.00	\$757.00	\$43,149.00
11	CONNECT 10'X4' PRECAST REINFORCED CONCRETE BOX CULVERT TO EXISTING 10'X4' RCB AT PUMP STATION SITE OR STUB 10'X4' RCB TO PUMP STATION SITE, INCLUDES COORDINATION WITH THE PUMP STATION CONTRACTOR, COMPLETE IN PLACE	EA	1	\$4,000.00	\$4,000.00	\$1,000.00	\$1,000.00	\$3,500.00	\$3,500.00
12	CONCRETE WING WALL STRUCTURE WITH BAR SCREEN AS PER DETAIL SHEETS 18 AND 19 OF 20, INCLUDES ACCESS PANEL AND ANY NECESSARY APPURTENANCES, COMPLETE IN PLACE	LS	1	\$53,000.00	\$53,000.00	\$25,000.00	\$25,000.00	\$34,500.00	\$34,500.00
13	BACKSLOPE DRAIN INTERCEPTOR STRUCTURES, INCLUDING ALL CORRUGATED GALVANIZED METAL PIPE, SLOPE PAVING WITH REINFORCING STEEL AT INFLOW AND OUTFLOW, RIP RAP, NECESSARY ADAPTORS, JOINTS AND FITTINGS, ETC., SPOILS TO BE HAULED AND PLACED, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS IN FILL AREAS, TO BE APPROVED BY ENGINEER, COMPLETE IN PLACE	EA	18	\$9,845.00	\$177,210.00	\$7,300.00	\$131,400.00	\$6,500.00	\$117,000.00
14	INTERCEPTOR SWALES, INCLUDES EXCAVATION AND GRADING, AND PLACEMENT OF MATERIAL AS PER PLANS, COMPLETE IN PLACE	LF	12940	\$3.00	\$38,820.00	\$2.75	\$35,585.00	\$1.50	\$19,410.00

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ITEM	DESCRIPTION	UNIT	QTY	1) SONORA CONSTRUCTION		2) R CONSTRUCTION CIVIL		3) COOLEY CONSTRUCTION, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
15	V-BOTTOM SWALES TO PROMOTE DRAINAGE WITH 4:1 S.S., LOCATED INSIDE PROPOSED PHASE II FILL AREA, COMPLETE IN PLACE	LF	9492	\$3.00	\$28,476.00	\$2.75	\$26,103.00	\$1.50	\$14,238.00
16	4" REINFORCED CONCRETE SLOPE PAVING, INCLUDES TOE WALL ON ALL SIDES, (MEASURED IN PLAN VIEW), COMPLETE IN PLACE	SY	395	\$71.00	\$28,045.00	\$70.00	\$27,650.00	\$80.00	\$31,600.00
17	4" REINFORCED CONCRETE PILOT CHANNEL (5' WIDE), AS PER DETAIL SHEET 10 OF 20 (INCLUDES TIE-IN INTO EXISTING CONCRETE PILOT CHANNEL WITH ANY MEANS NECESSARY), COMPLETE IN PLACE	LF	6439	\$28.00	\$180,292.00	\$29.00	\$186,731.00	\$35.00	\$225,365.00
18	DEMUCK, SCARIFY, AND FILL EXISTING DRAINAGE SWALES, COMPLETE IN PLACE	LF	4696	\$1.00	\$4,696.00	\$3.00	\$14,088.00	\$2.00	\$9,392.00
19	STORM SEWER UTILITY SPOILS (INCL. HAULING, ON-SITE, STRIPPING, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY IN FILL AREAS AS DESIGNATED ON PLANS), COMPLETE IN PLACE	CY	2899	\$3.00	\$8,697.00	\$2.00	\$5,798.00	\$1.00	\$2,899.00
20	OVER EXCAVATION OF MATERIAL UNSUITABLE FOR LAKE CLAY LINING, TO BE HAULED TO ADJACENT SECTION (CALDWELL RANCH SECTION 6), PLACING, COMPACTION TO 95% STANDARD PROCTOR DENSITY, (CONTRACTOR WILL ONLY BE PAID EXACT QUANTITIES CONSTRUCTED), AS DIRECTED BY THE GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	CY	10000	\$1.00	\$10,000.00	\$2.50	\$25,000.00	\$1.00	\$10,000.00
21	CLAY LINER FOR LAKE E & G (FILLING IN A MAXIMUM 8" LIFTS UNTIL 2' THICK (MIN.), INCLUDES COMPACTION TO 95% STANDARD PROCTOR DENSITY, CONTRACTOR WILL ONLY BE PAID EXACT QUANTITIES CONSTRUCTED, ONLY TO BE USED AS DIRECTED BY THE GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	CY	48390	\$0.05	\$2,419.50	\$2.50	\$120,975.00	\$2.00	\$96,780.00
22	DIRT BERMS (12' TALL WITH A 10' TOP WIDTH AT 4:1 SIDE SLOPES TO BE CONSTRUCTED AT THE WATER PLANT SITE, TO BE CONSTRUCTED WITH EXCESS EXCAVATION, (CONTRACTOR WILL ONLY BE PAID EXACT QUANTITIES CONSTRUCTED), ONLY TO BE USED AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	8000	\$3.00	\$24,000.00	\$3.00	\$24,000.00	\$1.00	\$8,000.00
23	STOCK-PILE ADDITIONAL EXCAVATION ONSITE (LOCATION TO BE DETERMINED DURING THE PROJECT), (CONTRACTOR WILL ONLY BE PAID EXACT QUANTITIES CONSTRUCTED), ONLY TO BE USED AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	10000	\$1.50	\$15,000.00	\$2.00	\$20,000.00	\$1.00	\$10,000.00
24	EXCAVATE AROUND EXISTING WATER WELL FOR OTHERS TO CUT AND CAP, ONLY TO BE USED AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	3	\$4,200.00	\$12,600.00	\$1,000.00	\$3,000.00	\$1,500.00	\$4,500.00
25	DEWATERING FOR STORM SEWER, (ALL DEPTHS, THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	869	\$25.00	\$21,725.00	\$25.00	\$21,725.00	\$25.00	\$21,725.00
26	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	869	\$2.00	\$1,738.00	\$0.10	\$86.90	\$1.00	\$869.00
27	ADDITIONAL COST TO DO CONSTRUCTION IN THE SPECIAL CONSTRUCTION ZONE LABELED "OFF HOURS" CONSTRUCTION AREA ON SHEET 04 OF 20. "OFF HOURS" IS DEFINED BY THE HOURS THAT BAYOU RIFLES JULLIFF RANGE IS NOT OPERATING THEIR HIGH POWER RANGE (RANGE HOURS ARE FROM 8 AM TO 8 PM). CONSTRUCTION IN THIS ZONE INCLUDES EXCAVATION, FILL, HYDRO-MULCH SEEDING, INSTALLATION OF PIPES, SLOPE PAVING, AND CONCRETE PILOT CHANNELS, GRADING, BORING, AND ANY OTHER NECESSARY ITEMS TO COMPLETE CONSTRUCTION (AS INDICATED ON THE CONSTRUCTION PLANS) LOCATED IN THE "OFF HOURS" CONSTRUCTION AREA, COMPLETE IN PLACE	AC	23.8	\$250.00	\$5,950.00	\$1,000.00	\$23,800.00	\$1,000.00	\$23,800.00
<b>DETENTION AND DRAINAGE ITEMS SUBTOTAL:</b>					<b>\$2,472,841.00</b>		<b>\$2,591,576.90</b>		<b>\$2,732,547.60</b>

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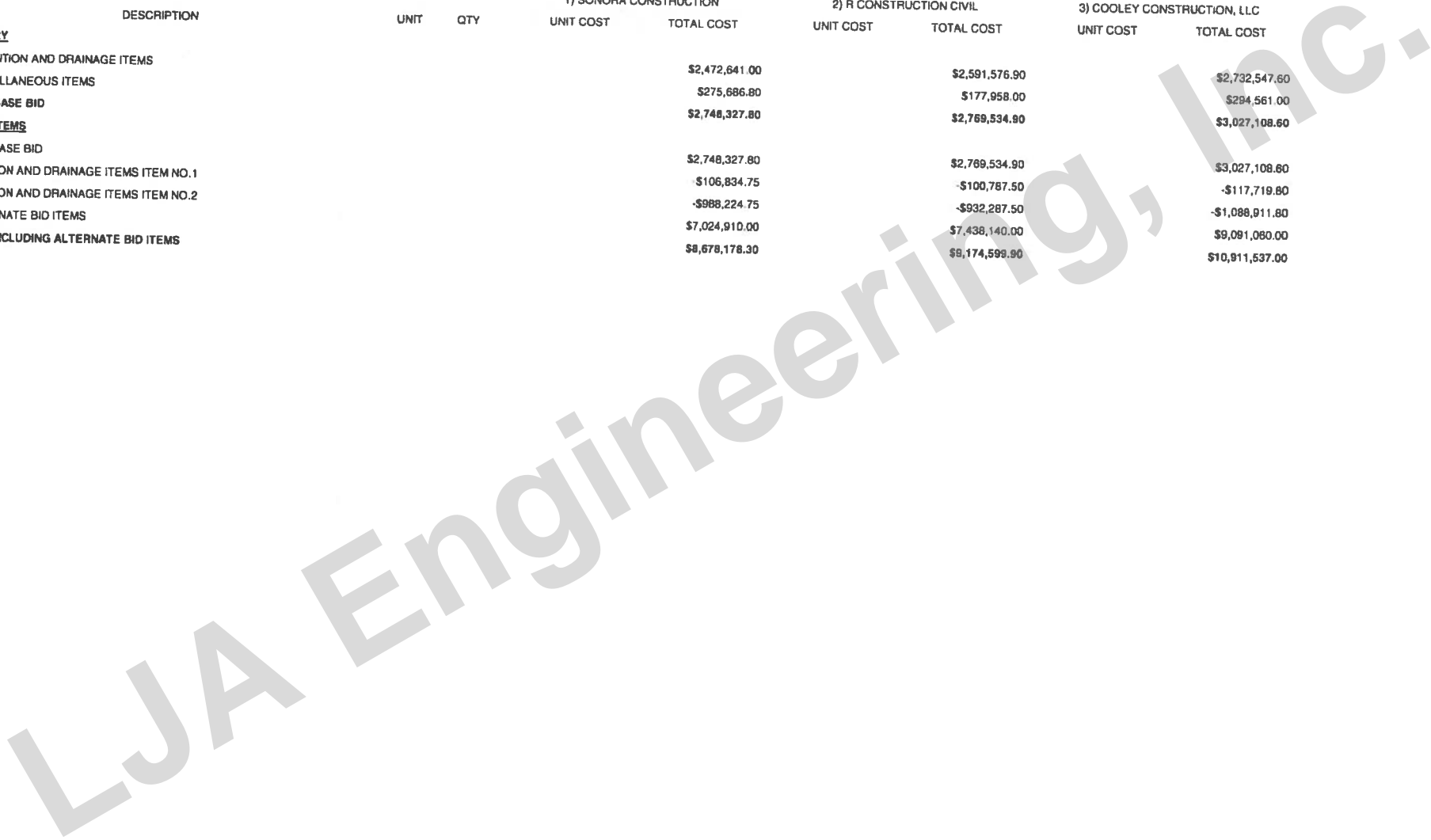
ITEM	DESCRIPTION	UNIT	QTY	1) SONORA CONSTRUCTION		2) R CONSTRUCTION CIVIL		3) COOLEY CONSTRUCTION, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>MISCELLANEOUS ITEMS</b>									
1	METHOD "A" CONSTRUCTION STAKING AS PER GBI PARTNERS, L.P. (CONTACT JON BORDOVSKY AT 281.499.4539), COMPLETE IN PLACE	LS	1	\$32,500.00	\$32,500.00	\$32,500.00	\$32,500.00	\$32,500.00	\$32,500.00
2	AS BUILT SURVEY OF ALL LAKES AND FILL AREAS (CONTACT JON BORDOVSKY AT 281.499.4539 TO PROVIDE CERTIFIED TOPOGRAPHIC SURVEY, GRID SPACING SHALL BE 200' MAXIMUM, INCLUDES 3D CAD FORMAT), COMPLETE IN PLACE	LS	1	\$14,500.00	\$14,500.00	\$14,500.00	\$14,500.00	\$14,500.00	\$14,500.00
3	ADDITIONAL CEMENT STABILIZED SAND, ONLY TO BE USED AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	1000	\$25.00	\$25,000.00	\$25.00	\$25,000.00	\$25.00	\$25,000.00
4	TEMPORARY COFFER DAM ALONG LOCATIONS WHERE INSTALLING CULVERTS AND/OR ESTABLISHING POND HIGH BANK, INCLUDES PUMPING, INSTALLATION AND REMOVAL UPON COMPLETION, ONLY TO BE USED AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	3	\$6,000.00	\$18,000.00	\$3,000.00	\$9,000.00	\$1.00	\$3.00
5	ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS, (ONLY TO BE USED AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	500	\$20.00	\$10,000.00	\$20.00	\$10,000.00	\$20.00	\$10,000.00
6	MISCELLANEOUS SWALES TO PROMOTE POSITIVE DRAINAGE, ONLY TO BE USED AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	500	\$3.00	\$1,500.00	\$2.75	\$1,375.00	\$2.00	\$1,000.00
7	HYDRO-MULCH SEEDING OF LAKES, CHANNELS, MAINTENANCE BERMS, AND SIDE SLOPES, AT LEAST 95% TURF ESTABLISHMENT REQUIRED, COMPLETE IN PLACE	AC	78	\$1,750.00	\$136,500.00	\$100.00	\$7,800.00	\$1,300.00	\$101,400.00
8	BROADCAST SEEDING OF FILL AREA, AT LEAST 80% TURF ESTABLISHMENT REQUIRED), COMPLETE IN PLACE	AC	126.9	\$250.00	\$31,725.00	\$350.00	\$44,415.00	\$600.00	\$76,140.00
9	STORMWATER POLLUTION PREVENTION PLAN, COMPLETE IN PLACE	LS	1	\$900.00	\$900.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
10	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE WASHOUT, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$250.00	\$250.00	\$900.00	\$900.00
11	INSTALLATION, MAINTENANCE, AND REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, INCLUDES INSTALLATION AND REMOVAL, (ONLY TO BE USED AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
12	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE (ONLY TO BE USED AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	30618	\$0.10	\$3,061.80	\$1.00	\$30,618.00	\$1.00	\$30,618.00
<b>MISCELLANEOUS ITEMS SUBTOTAL:</b>					<b>\$275,686.80</b>		<b>\$177,958.00</b>		<b>\$294,561.00</b>
<b>ALTERNATE BID ITEMS</b>									
1	EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF ULTIMATE DETENTION PORTION OF LAKE "D", AS INDICATED ON PLANS, TO BE HAULED AND DISPOSED OUTSIDE THE DEVELOPMENT TO A LOCATION CONTRACTOR HAS AUTHORIZATION TO DUMP, IN LIEU OF DETENTION AND DRAINAGE ITEM NO. 1, COMPLETE IN PLACE	CY	40315	\$17.00	\$685,355.00	\$18.00	\$725,670.00	\$22.00	\$886,930.00
2	EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF ULTIMATE DETENTION PORTION OF LAKE "E & G", AS INDICATED ON PLANS, TO BE HAULED AND DISPOSED OUTSIDE THE DEVELOPMENT TO A LOCATION CONTRACTOR HAS AUTHORIZATION TO DUMP, IN LIEU OF DETENTION AND DRAINAGE ITEM NO. 2, COMPLETE IN PLACE	CY	372915	\$17.00	\$6,339,555.00	\$18.00	\$6,712,470.00	\$22.00	\$8,204,130.00
<b>ALTERNATE BID ITEMS SUBTOTAL:</b>					<b>\$7,024,910.00</b>		<b>\$7,438,140.00</b>		<b>\$9,091,060.00</b>

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ITEM	DESCRIPTION	UNIT	QTY	1) SONORA CONSTRUCTION		2) R CONSTRUCTION CIVIL		3) COOLEY CONSTRUCTION, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<u>BIDDING SUMMARY</u>									
	SUBTOTAL DETENTION AND DRAINAGE ITEMS				\$2,472,641.00		\$2,591,576.90		\$2,732,547.60
	SUBTOTAL MISCELLANEOUS ITEMS				\$275,686.80		\$177,958.00		\$294,561.00
	<b>TOTAL AMOUNT BASE BID</b>				<b>\$2,748,327.80</b>		<b>\$2,769,534.90</b>		<b>\$3,027,108.60</b>
<u>ALTERNATE BID ITEMS</u>									
	TOTAL AMOUNT BASE BID				\$2,748,327.80		\$2,769,534.90		\$3,027,108.60
	DEDUCT DETENTION AND DRAINAGE ITEMS ITEM NO.1				\$106,834.75		-\$100,787.50		-\$117,719.80
	DEDUCT DETENTION AND DRAINAGE ITEMS ITEM NO.2				-\$988,224.75		-\$932,287.50		-\$1,088,911.80
	<b>SUBTOTAL ALTERNATE BID ITEMS</b>				<b>\$7,024,910.00</b>		<b>\$7,438,140.00</b>		<b>\$9,091,060.00</b>
	<b>TOTAL AMOUNT INCLUDING ALTERNATE BID ITEMS</b>				<b>\$8,678,178.30</b>		<b>\$8,174,599.90</b>		<b>\$10,911,537.00</b>



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ITEM	DESCRIPTION	UNIT	QTY	4) HARRIS CONSTRUCTION COMPANY, LTD.		5) CLEARX, LLC		6) LONGHORN EXCAVATORS, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>DETENTION AND DRAINAGE ITEMS</b>									
1	EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF ULTIMATE DETENTION PORTION OF LAKE D, AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	40315	\$2.15	\$86,677.25	\$3.05	\$122,960.75	\$2.70	\$108,850.50
2	EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF ULTIMATE DETENTION PORTION OF LAKE E & G, AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	372815	\$2.20	\$820,413.00	\$3.05	\$1,137,390.75	\$2.70	\$1,006,870.50
3	LIGHT CLEARING AND GRUBBING, - MATERIAL TO BE HAULED OFFSITE (INCLUDES REMOVAL OF TREES, ROOT RAKING, BACK DRAGGING, AND TRANSPORTING), COMPLETE IN PLACE	AC	126.9	\$2,650.00	\$336,285.00	\$1,100.00	\$139,590.00	\$2,289.00	\$290,474.10
4	REMOVE AND DISPOSE EXISTING BARBED WIRE FENCE AND GATES ON EAST SIDE OF SOUTHERN COLONY EXPANSION PHASE 1 SECTION 3, ONLY TO BE USED AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	1500	\$2.00	\$3,000.00	\$1.22	\$1,830.00	\$2.40	\$3,600.00
5	INSTALL A 16' GRAVEL ACCESS ROAD WITHIN THE MAINTENANCE BERM BETWEEN THE PUMP STATION SITE AND THE WASTEWATER TREATMENT PLANT SITE, ONLY TO BE USED AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	4850	\$27.50	\$127,875.00	\$21.00	\$97,850.00	\$15.00	\$69,750.00
6	DEWATERING FOR GROUND WATER CONTROL, (INCLUDES CONVENTIONAL VACUUM TYPE WELL POINTS, INTERNAL SUMPS AND PUMPS, OR ANY TYPE OF PUMPING NECESSARY TO COMPLETE THE CONSTRUCTION OF THE PROJECT), COMPLETE IN PLACE	AC	15	\$7,500.00	\$112,500.00	\$1,221.00	\$18,315.00	\$900.00	\$13,500.00
7	FINAL GRADING OF FILL AREAS, CHANNELS, AND HIGH BANK TO FINISHED ELEVATIONS AS PER GRADING PLAN, COMPLETE IN PLACE	LS	1	\$25,000.00	\$25,000.00	\$4,275.00	\$4,275.00	\$9,000.00	\$9,000.00
8	6'X6' PRECAST REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, ALL DEPTHS, INCLUDES RUBBER GASKETS AT ALL JOINTS AND BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	436	\$492.00	\$214,512.00	\$480.00	\$209,280.00	\$600.90	\$261,992.40
9	7'X6' PRECAST REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, ALL DEPTHS, INCLUDES RUBBER GASKETS AT ALL JOINTS AND BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	376	\$571.00	\$214,696.00	\$558.00	\$209,808.00	\$664.47	\$249,840.72
10	10'X4' PRECAST REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, ALL DEPTHS, INCLUDES RUBBER GASKETS AT ALL JOINTS AND BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	57	\$775.00	\$44,175.00	\$763.00	\$43,491.00	\$965.94	\$55,058.58
11	CONNECT 10'X4' PRECAST REINFORCED CONCRETE BOX CULVERT TO EXISTING 10'X4' RCB AT PUMP STATION SITE OR STUB 10'X4' RCB TO PUMP STATION SITE, INCLUDES COORDINATION WITH THE PUMP STATION CONTRACTOR, COMPLETE IN PLACE	EA	1	\$1,800.00	\$1,800.00	\$1,925.00	\$1,925.00	\$3,090.00	\$3,090.00
12	CONCRETE WING WALL STRUCTURE WITH BAR SCREEN AS PER DETAIL SHEETS 18 AND 19 OF 20, INCLUDES ACCESS PANEL AND ANY NECESSARY APPURTENANCES, COMPLETE IN PLACE	LS	1	\$47,450.00	\$47,450.00	\$54,010.00	\$54,010.00	\$10,074.00	\$10,074.00
13	BACKSLOPE DRAIN INTERCEPTOR STRUCTURES, INCLUDING ALL CORRUGATED GALVANIZED METAL PIPE, SLOPE PAVING WITH REINFORCING STEEL AT INFLOW AND OUTFLOW, RIP RAP, NECESSARY ADAPTORS, JOINTS AND FITTINGS, ETC., SPOILS TO BE HAULED AND PLACED, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS IN FILL AREAS, TO BE APPROVED BY ENGINEER, COMPLETE IN PLACE	EA	18	\$8,950.00	\$161,100.00	\$6,666.00	\$119,988.00	\$9,300.00	\$167,400.00
14	INTERCEPTOR SWALES, INCLUDES EXCAVATION AND GRADING, AND PLACEMENT OF MATERIAL AS PER PLANS, COMPLETE IN PLACE	LF	12940	\$2.00	\$25,880.00	\$1.90	\$24,586.00	\$3.00	\$38,820.00

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CONSTRUCTION OF DETENTION AND GRADING  
 TO SERVE SOUTHERN COLONY II DETENTION PHASE II  
 BRAZORIA-FORT BEND COUNTIES MUNICIPAL UTILITY DISTRICT NO. 3  
 CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS  
 SEPTEMBER 11, 2020  
 LJA ENGINEERING, INC.  
 C. DURHAM  
 SEPTEMBER 11, 2020  
 1931-8062 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) HARRIS CONSTRUCTION COMPANY, LTD.		5) CLEARX, LLC		6) LONGHORN EXCAVATORS, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
15	V-BOTTOM SWALES TO PROMOTE DRAINAGE WITH 4:1 S.S., LOCATED INSIDE PROPOSED PHASE II FILL AREA, COMPLETE IN PLACE	LF	9492	\$2.00	\$18,984.00	\$3.25	\$30,849.00	\$4.50	\$42,714.00
16	4" REINFORCED CONCRETE SLOPE PAVING, INCLUDES TOE WALL ON ALL SIDES, (MEASURED IN PLAN VIEW), COMPLETE IN PLACE	SY	395	\$65.95	\$26,050.25	\$72.60	\$28,677.00	\$92.70	\$36,616.50
17	4" REINFORCED CONCRETE PILOT CHANNEL (5' WIDE), AS PER DETAIL SHEET 10 OF 20 (INCLUDES TIE-IN INTO EXISTING CONCRETE PILOT CHANNEL WITH ANY MEANS NECESSARY), COMPLETE IN PLACE	LF	6439	\$32.00	\$206,048.00	\$28.60	\$184,155.40	\$18.96	\$122,083.44
18	DEMUCK, SCARIFY, AND FILL EXISTING DRAINAGE SWALES, COMPLETE IN PLACE	LF	4696	\$3.00	\$14,088.00	\$3.05	\$14,322.80	\$1.50	\$7,044.00
19	STORM SEWER UTILITY SPOILS (INCL. HAULING, ON-SITE, STRIPPING, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY IN FILL AREAS AS DESIGNATED ON PLANS), COMPLETE IN PLACE	CY	2899	\$2.25	\$6,522.75	\$3.05	\$8,841.95	\$3.00	\$8,697.00
20	OVER EXCAVATION OF MATERIAL UNSUITABLE FOR LAKE CLAY LINING, TO BE HAULED TO ADJACENT SECTION (CALDWELL RANCH SECTION 6), PLACING, COMPACTING TO 95% STANDARD PROCTOR DENSITY, (CONTRACTOR WILL ONLY BE PAID EXACT QUANTITIES CONSTRUCTED), AS DIRECTED BY THE GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	CY	10000	\$2.25	\$22,500.00	\$3.05	\$30,500.00	\$3.00	\$30,000.00
21	CLAY LINER FOR LAKE E & G (FILLING IN A MAXIMUM 8" LIFTS UNTIL 2' THICK (MIN.), INCLUDES COMPACTION TO 95% STANDARD PROCTOR DENSITY, CONTRACTOR WILL ONLY BE PAID EXACT QUANTITIES CONSTRUCTED, ONLY TO BE USED AS DIRECTED BY THE GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	CY	48390	\$2.25	\$108,877.50	\$3.05	\$147,589.50	\$3.80	\$188,721.00
22	DIRT BERMS (12' TALL WITH A 10' TOP WIDTH AT 4:1 SIDE SLOPES TO BE CONSTRUCTED AT THE WATER PLANT SITE, TO BE CONSTRUCTED WITH EXCESS EXCAVATION, (CONTRACTOR WILL ONLY BE PAID EXACT QUANTITIES CONSTRUCTED), ONLY TO BE USED AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	8000	\$3.00	\$24,000.00	\$3.05	\$24,400.00	\$3.90	\$31,200.00
23	STOCK-PILE ADDITIONAL EXCAVATION ONSITE (LOCATION TO BE DETERMINED DURING THE PROJECT), (CONTRACTOR WILL ONLY BE PAID EXACT QUANTITIES CONSTRUCTED), ONLY TO BE USED AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	10000	\$2.25	\$22,500.00	\$3.05	\$30,500.00	\$3.00	\$30,000.00
24	EXCAVATE AROUND EXISTING WATER WELL FOR OTHERS TO CUT AND CAP, ONLY TO BE USED AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	3	\$2,500.00	\$7,500.00	\$1,526.00	\$4,578.00	\$1,500.00	\$4,500.00
25	DEWATERING FOR STORM SEWER, (ALL DEPTHS, THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	869	\$25.00	\$21,725.00	\$25.00	\$21,725.00	\$25.77	\$22,394.13
26	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	869	\$1.50	\$1,303.50	\$0.25	\$217.25	\$1.05	\$912.45
27	ADDITIONAL COST TO DO CONSTRUCTION IN THE SPECIAL CONSTRUCTION ZONE LABELED "OFF HOURS" CONSTRUCTION AREA ON SHEET 04 OF 20. "OFF HOURS" IS DEFINED BY THE HOURS THAT BAYOU RIFLES JULLIFF RANGE IS NOT OPERATING THEIR HIGH POWER RANGE (RANGE HOURS ARE FROM 8 AM TO 8 PM), CONSTRUCTION IN THIS ZONE INCLUDES EXCAVATION, FILL, HYDRO-MULCH SEEDING, INSTALLATION OF PIPES, SLOPE PAVING, AND CONCRETE PILOT CHANNELS, GRADING, BORING, AND ANY OTHER NECESSARY ITEMS TO COMPLETE CONSTRUCTION (AS INDICATED ON THE CONSTRUCTION PLANS) LOCATED IN THE "OFF HOURS" CONSTRUCTION AREA, COMPLETE IN PLACE	AC	23.8	\$1,000.00	\$23,800.00	\$2,442.00	\$58,119.60	\$1,500.00	\$35,700.00
<b>DETENTION AND DRAINAGE ITEMS SUBTOTAL:</b>					<b>\$2,725,262.25</b>		<b>\$2,769,575.00</b>		<b>\$2,848,903.32</b>

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 BRAZORIA-FORT BEND COUNTIES MUNICIPAL UTILITY DISTRICT NO. 3  
 CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS  
 SEPTEMBER 11, 2020  
 LJA ENGINEERING, INC.  
 C. DURHAM  
 SEPTEMBER 11, 2020  
 1931-8062 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) HARRIS CONSTRUCTION COMPANY, LTD.		5) CLEARX, LLC		6) LONGHORN EXCAVATORS, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>MISCELLANEOUS ITEMS</b>									
1	METHOD "A" CONSTRUCTION STAKING AS PER GBI PARTNERS, L.P. (CONTACT JON BORDOVSKY AT 281.499.4539), COMPLETE IN PLACE	LS	1	\$32,500.00	\$32,500.00	\$32,500.00	\$32,500.00	\$33,477.00	\$33,477.00
2	AS-BUILT SURVEY OF ALL LAKES AND FILL AREAS (CONTACT JON BORDOVSKY AT 281.499.4539 TO PROVIDE CERTIFIED TOPOGRAPHIC SURVEY, GRID SPACING SHALL BE 200' MAXIMUM, INCLUDES 3D CAD FORMAT), COMPLETE IN PLACE	LS	1	\$14,500.00	\$14,500.00	\$14,500.00	\$14,500.00	\$15,000.00	\$15,000.00
3	ADDITIONAL CEMENT STABILIZED SAND, ONLY TO BE USED AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	1000	\$25.00	\$25,000.00	\$25.00	\$25,000.00	\$25.77	\$25,770.00
4	TEMPORARY COFFER DAM ALONG LOCATIONS WHERE INSTALLING CULVERTS AND/OR ESTABLISHING POND HIGH BANK, INCLUDES PUMPING, INSTALLATION AND REMOVAL UPON COMPLETION, ONLY TO BE USED AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	3	\$10,000.00	\$30,000.00	\$4,275.00	\$12,825.00	\$6,900.00	\$20,700.00
5	ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS, (ONLY TO BE USED AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	500	\$20.00	\$10,000.00	\$20.00	\$10,000.00	\$20.61	\$10,305.00
6	MISCELLANEOUS SWALES TO PROMOTE POSITIVE DRAINAGE, ONLY TO BE USED AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	500	\$3.00	\$1,500.00	\$3.00	\$1,500.00	\$3.00	\$1,500.00
7	HYDRO-MULCH SEEDING OF LAKES, CHANNELS, MAINTENANCE BERMS, AND SIDE SLOPES, AT LEAST 95% TURF ESTABLISHMENT REQUIRED, COMPLETE IN PLACE	AC	78	\$2,100.00	\$163,800.00	\$1,815.00	\$141,570.00	\$1,650.00	\$128,700.00
8	BROADCAST SEEDING OF FILL AREA, AT LEAST 80% TURF ESTABLISHMENT REQUIRED), COMPLETE IN PLACE	AC	126.9	\$600.00	\$76,140.00	\$660.00	\$83,754.00	\$723.00	\$91,748.70
9	STORMWATER POLLUTION PREVENTION PLAN, COMPLETE IN PLACE	LS	1	\$1,200.00	\$1,200.00	\$2,750.00	\$2,750.00	\$6,900.00	\$6,900.00
10	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE WASHOUT, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$990.00	\$990.00	\$4,500.00	\$4,500.00
11	INSTALLATION, MAINTENANCE, AND REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, INCLUDES INSTALLATION AND REMOVAL, (ONLY TO BE USED AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$1,800.00	\$1,800.00	\$2,200.00	\$2,200.00	\$6,900.00	\$6,900.00
12	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE (ONLY TO BE USED AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	30618	\$1.40	\$42,865.20	\$1.50	\$45,927.00	\$1.29	\$39,497.22
<b>MISCELLANEOUS ITEMS SUBTOTAL:</b>					<b>\$400,305.20</b>		<b>\$373,516.00</b>		<b>\$384,997.92</b>
<b>ALTERNATE BID ITEMS</b>									
1	EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF ULTIMATE DETENTION PORTION OF LAKE "D", AS INDICATED ON PLANS, TO BE HAULED AND DISPOSED OUTSIDE THE DEVELOPMENT TO A LOCATION CONTRACTOR HAS AUTHORIZATION TO DUMP, IN LIEU OF DETENTION AND DRAINAGE ITEM NO. 1, COMPLETE IN PLACE	CY	40315	\$12.00	\$483,780.00	\$25.00	\$1,007,875.00	\$21.00	\$846,615.00
2	EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF ULTIMATE DETENTION PORTION OF LAKE "E & G", AS INDICATED ON PLANS, TO BE HAULED AND DISPOSED OUTSIDE THE DEVELOPMENT TO A LOCATION CONTRACTOR HAS AUTHORIZATION TO DUMP, IN LIEU OF DETENTION AND DRAINAGE ITEM NO. 2, COMPLETE IN PLACE	CY	372915	\$12.00	\$4,474,980.00	\$25.00	\$9,322,875.00	\$21.00	\$7,831,215.00
<b>ALTERNATE BID ITEMS SUBTOTAL:</b>					<b>\$4,958,760.00</b>		<b>\$10,330,750.00</b>		<b>\$8,677,830.00</b>

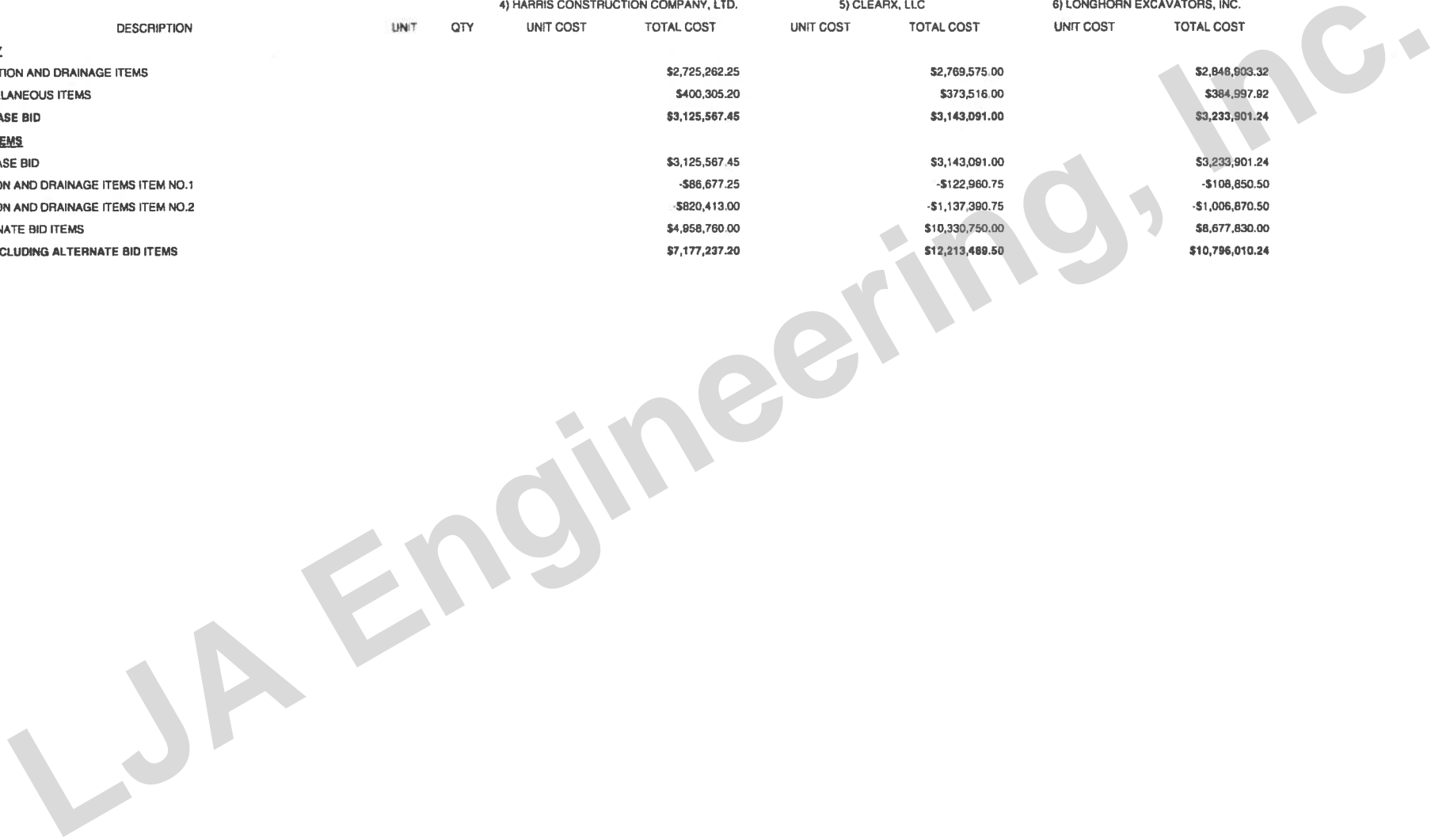


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CONSTRUCTION OF DETENTION AND GRADING  
 TO SERVE SOUTHERN COLONY II DETENTION PHASE II  
 BRAZORIA-FORT BEND COUNTIES MUNICIPAL UTILITY DISTRICT NO. 3  
 CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS  
 SEPTEMBER 11, 2020  
 LJA ENGINEERING, INC.  
 C. DURHAM  
 SEPTEMBER 11, 2020  
 1931-9062 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) HARRIS CONSTRUCTION COMPANY, LTD.		5) CLEARX, LLC		6) LONGHORN EXCAVATORS, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b><u>BIDDING SUMMARY</u></b>									
	SUBTOTAL DETENTION AND DRAINAGE ITEMS				\$2,725,262.25		\$2,769,575.00		\$2,848,903.32
	SUBTOTAL MISCELLANEOUS ITEMS				\$400,305.20		\$373,516.00		\$384,997.92
	<b>TOTAL AMOUNT BASE BID</b>				<b>\$3,125,567.45</b>		<b>\$3,143,091.00</b>		<b>\$3,233,901.24</b>
<b><u>ALTERNATE BID ITEMS</u></b>									
	TOTAL AMOUNT BASE BID				\$3,125,567.45		\$3,143,091.00		\$3,233,901.24
	DEDUCT DETENTION AND DRAINAGE ITEMS ITEM NO.1				-\$86,677.25		-\$122,960.75		-\$108,850.50
	DEDUCT DETENTION AND DRAINAGE ITEMS ITEM NO.2				-\$820,413.00		-\$1,137,390.75		-\$1,006,870.50
	SUBTOTAL ALTERNATE BID ITEMS				\$4,958,760.00		\$10,330,750.00		\$8,677,830.00
	<b>TOTAL AMOUNT INCLUDING ALTERNATE BID ITEMS</b>				<b>\$7,177,237.20</b>		<b>\$12,213,489.50</b>		<b>\$10,796,010.24</b>



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 BRAZORIA FORT BEND COUNTIES MUNICIPAL UTILITY DISTRICT NO. 3  
 CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS  
 SEPTEMBER 11, 2020  
 LJA ENGINEERING, INC.  
 C. DURHAM  
 SEPTEMBER 11, 2020  
 1931-8062 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	7) DOUBLE OAK CONSTRUCTION, INC		8) EARTH BUILDERS, L.P.		9) BLAZEY CONSTRUCTION SERVICES LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>DETENTION AND DRAINAGE ITEMS</b>									
1	EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF ULTIMATE DETENTION PORTION OF LAKE D, AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	40315	\$4.45	\$179,401.75	\$4.00	\$161,260.00	\$3.23	\$130,217.45
2	EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF ULTIMATE DETENTION PORTION OF LAKE E & G, AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	372915	\$3.27	\$1,219,432.05	\$3.80	\$1,342,494.00	\$3.23	\$1,204,515.45
3	LIGHT CLEARING AND GRUBBING - MATERIAL TO BE HAULED OFFSITE (INCLUDES REMOVAL OF TREES, ROOT RAKING, BACK DRAGGING, AND TRANSPORTING), COMPLETE IN PLACE	AC	126.9	\$1,430.00	\$181,467.00	\$800.00	\$101,520.00	\$848.82	\$107,715.26
4	REMOVE AND DISPOSE EXISTING BARBED WIRE FENCE AND GATES ON EAST SIDE OF SOUTHERN COLONY EXPANSION PHASE 1 SECTION 3, ONLY TO BE USED AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	1500	\$1.25	\$1,875.00	\$2.00	\$3,000.00	\$2.06	\$3,090.00
5	INSTALL A 18' GRAVEL ACCESS ROAD WITHIN THE MAINTENANCE BERM BETWEEN THE PUMP STATION SITE AND THE WASTEWATER TREATMENT PLANT SITE, ONLY TO BE USED AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	4650	\$25.00	\$116,250.00	\$21.00	\$97,650.00	\$31.75	\$147,637.50
6	DEWATERING FOR GROUND WATER CONTROL, (INCLUDES CONVENTIONAL VACUUM TYPE WELL POINTS, INTERNAL SUMPS AND PUMPS, OR ANY TYPE OF PUMPING NECESSARY TO COMPLETE THE CONSTRUCTION OF THE PROJECT), COMPLETE IN PLACE	AC	15	\$1.00	\$15.00	\$2,000.00	\$30,000.00	\$1,061.03	\$15,915.45
7	FINAL GRADING OF FILL AREAS, CHANNELS, AND HIGH BANK TO FINISHED ELEVATIONS AS PER GRADING PLAN, COMPLETE IN PLACE	LS	1	\$3,150.00	\$3,150.00	\$5,000.00	\$5,000.00	\$3,183.08	\$3,183.08
8	6 X6' PRECAST REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, ALL DEPTHS, INCLUDES RUBBER GASKETS AT ALL JOINTS AND BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	436	\$600.00	\$261,600.00	\$550.00	\$239,800.00	\$482.46	\$210,352.56
9	7'X6' PRECAST REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, ALL DEPTHS, INCLUDES RUBBER GASKETS AT ALL JOINTS AND BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	376	\$700.00	\$263,200.00	\$650.00	\$244,400.00	\$555.99	\$209,052.24
10	10'X4' PRECAST REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, ALL DEPTHS, INCLUDES RUBBER GASKETS AT ALL JOINTS AND BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	57	\$1,100.00	\$62,700.00	\$800.00	\$45,600.00	\$752.13	\$42,871.41
11	CONNECT 10'X4' PRECAST REINFORCED CONCRETE BOX CULVERT TO EXISTING 10'X4' RCB AT PUMP STATION SITE OR STUB 10'X4' RCB TO PUMP STATION SITE, INCLUDES COORDINATION WITH THE PUMP STATION CONTRACTOR, COMPLETE IN PLACE	EA	1	\$4,500.00	\$4,500.00	\$4,000.00	\$4,000.00	\$18,135.29	\$18,135.29
12	CONCRETE WING WALL STRUCTURE WITH BAR SCREEN AS PER DETAIL SHEETS 18 AND 19 OF 20, INCLUDES ACCESS PANEL AND ANY NECESSARY APPURTENANCES, COMPLETE IN PLACE	LS	1	\$59,000.00	\$59,000.00	\$35,000.00	\$35,000.00	\$16,764.20	\$16,764.20
13	BACKSLOPE DRAIN INTERCEPTOR STRUCTURES, INCLUDING ALL CORRUGATED GALVANIZED METAL PIPE, SLOPE PAVING WITH REINFORCING STEEL AT INFLOW AND OUTFLOW, RIP RAP, NECESSARY ADAPTORS, JOINTS AND FITTINGS, ETC., SPOILS TO BE HAULED AND PLACED, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8' LIFTS IN FILL AREAS, TO BE APPROVED BY ENGINEER, COMPLETE IN PLACE	EA	18	\$11,300.00	\$203,400.00	\$7,500.00	\$135,000.00	\$6,544.83	\$117,806.94
14	INTERCEPTOR SWALES, INCLUDES EXCAVATION AND GRADING, AND PLACEMENT OF MATERIAL AS PER PLANS, COMPLETE IN PLACE	LF	12840	\$3.80	\$49,172.00	\$2.50	\$32,350.00	\$2.23	\$28,856.20

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ITEM	DESCRIPTION	UNIT	QTY	7) DOUBLE OAK CONSTRUCTION, INC		8) EARTH BUILDERS, L.P.		9) BLAZEY CONSTRUCTION SERVICES LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
15	V-BOTTOM SWALES TO PROMOTE DRAINAGE WITH 4:1 S.S., LOCATED INSIDE PROPOSED PHASE II FILL AREA, COMPLETE IN PLACE	LF	9492	\$3.80	\$36,069.60	\$2.00	\$18,984.00	\$2.65	\$25,153.80
16	4" REINFORCED CONCRETE SLOPE PAVING, INCLUDES TOE WALL ON ALL SIDES, (MEASURED IN PLAN VIEW), COMPLETE IN PLACE	SY	395	\$79.25	\$31,303.75	\$70.00	\$27,650.00	\$57.83	\$22,842.85
17	4" REINFORCED CONCRETE PILOT CHANNEL (5' WIDE), AS PER DETAIL SHEET 10 OF 20 (INCLUDES TIE-IN INTO EXISTING CONCRETE PILOT CHANNEL WITH ANY MEANS NECESSARY), COMPLETE IN PLACE	LF	6439	\$31.50	\$202,828.50	\$65.00	\$418,535.00	\$33.42	\$215,191.38
18	DEMUCK, SCARIFY, AND FILL EXISTING DRAINAGE SWALES, COMPLETE IN PLACE	LF	4696	\$2.50	\$11,740.00	\$5.00	\$23,480.00	\$2.65	\$12,444.40
19	STORM SEWER UTILITY SPOILS (INCL HAULING, ON-SITE, STRIPPING, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY IN FILL AREAS AS DESIGNATED ON PLANS), COMPLETE IN PLACE	CY	2899	\$3.35	\$9,711.65	\$3.00	\$8,697.00	\$3.18	\$9,218.82
20	OVER EXCAVATION OF MATERIAL UNSUITABLE FOR LAKE CLAY LINING, TO BE HAULED TO ADJACENT SECTION (CALDWELL RANCH SECTION 6), PLACING, COMPACTING TO 95% STANDARD PROCTOR DENSITY, (CONTRACTOR WILL ONLY BE PAID EXACT QUANTITIES CONSTRUCTED), AS DIRECTED BY THE GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	CY	10000	\$2.50	\$25,000.00	\$3.00	\$30,000.00	\$12.73	\$127,300.00
21	CLAY LINER FOR LAKE E & G (FILLING IN A MAXIMUM 8" LIFTS UNTIL 2' THICK (MIN.), INCLUDES COMPACTION TO 95% STANDARD PROCTOR DENSITY, CONTRACTOR WILL ONLY BE PAID EXACT QUANTITIES CONSTRUCTED, ONLY TO BE USED AS DIRECTED BY THE GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	CY	48390	\$1.85	\$89,521.50	\$3.00	\$145,170.00	\$3.71	\$179,526.90
22	DIRT BERMS (12' TALL WITH A 10' TOP WIDTH AT 4:1 SIDE SLOPES TO BE CONSTRUCTED AT THE WATER PLANT SITE, TO BE CONSTRUCTED WITH EXCESS EXCAVATION, (CONTRACTOR WILL ONLY BE PAID EXACT QUANTITIES CONSTRUCTED), ONLY TO BE USED AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	8000	\$3.35	\$26,800.00	\$2.50	\$20,000.00	\$3.18	\$25,440.00
23	STOCK-PILE ADDITIONAL EXCAVATION ONSITE (LOCATION TO BE DETERMINED DURING THE PROJECT), (CONTRACTOR WILL ONLY BE PAID EXACT QUANTITIES CONSTRUCTED), ONLY TO BE USED AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	10000	\$3.35	\$33,500.00	\$3.50	\$35,000.00	\$2.12	\$21,200.00
24	EXCAVATE AROUND EXISTING WATER WELL FOR OTHERS TO CUT AND CAP, ONLY TO BE USED AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	3	\$1,900.00	\$5,700.00	\$400.00	\$1,200.00	\$795.77	\$2,387.31
25	DEWATERING FOR STORM SEWER, (ALL DEPTHS, THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	869	\$25.00	\$21,725.00	\$26.00	\$22,594.00	\$25.00	\$21,725.00
26	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	869	\$1.40	\$1,216.60	\$1.00	\$869.00	\$2.12	\$1,842.28
27	ADDITIONAL COST TO DO CONSTRUCTION IN THE SPECIAL CONSTRUCTION ZONE LABELED "OFF HOURS" CONSTRUCTION AREA ON SHEET 04 OF 20. "OFF HOURS" IS DEFINED BY THE HOURS THAT BAYOU RIFLES JULLIFF RANGE IS NOT OPERATING THEIR HIGH POWER RANGE (RANGE HOURS ARE FROM 8 AM TO 8 PM). CONSTRUCTION IN THIS ZONE INCLUDES EXCAVATION, FILL, HYDRO-MULCH SEEDING, INSTALLATION OF PIPES, SLOPE PAVING, AND CONCRETE PILOT CHANNELS, GRADING, BORING, AND ANY OTHER NECESSARY ITEMS TO COMPLETE CONSTRUCTION (AS INDICATED ON THE CONSTRUCTION PLANS) LOCATED IN THE "OFF HOURS" CONSTRUCTION AREA, COMPLETE IN PLACE	AC	23.8	\$650.00	\$15,470.00	\$4,500.00	\$107,100.00	\$35,550.00	\$846,080.00
<b>DETENTION AND DRAINAGE ITEMS SUBTOTAL:</b>					<b>\$3,115,749.40</b>		<b>\$3,336,353.00</b>		<b>\$3,766,475.77</b>

**BID TABULATION FOR:**

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

CONSTRUCTION OF DETENTION AND GRADING  
 TO SERVE SOUTHERN COLONY II DETENTION PHASE II  
 BRAZORIA-FORT BEND COUNTIES MUNICIPAL UTILITY DISTRICT NO. 3  
 CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS  
 SEPTEMBER 11, 2020  
 LJA ENGINEERING, INC.  
 C. DURHAM  
 SEPTEMBER 11, 2020  
 1931-8062 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	7) DOUBLE OAK CONSTRUCTION, INC		8) EARTH BUILDERS, L.P.		9) BLAZEY CONSTRUCTION SERVICES LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>MISCELLANEOUS ITEMS</b>									
1	METHOD "A" CONSTRUCTION STAKING AS PER GBI PARTNERS, L.P. (CONTACT JON BORDOVSKY AT 281.499.4539), COMPLETE IN PLACE	LS	1	\$32,500.00	\$32,500.00	\$32,500.00	\$32,500.00	\$32,500.00	\$32,500.00
2	AS-BUILT SURVEY OF ALL LAKES AND FILL AREAS (CONTACT JON BORDOVSKY AT 281.499.4539 TO PROVIDE CERTIFIED TOPOGRAPHIC SURVEY, GRID SPACING SHALL BE 200' MAXIMUM, INCLUDES 3D CAD FORMAT), COMPLETE IN PLACE	LS	1	\$14,500.00	\$14,500.00	\$14,500.00	\$14,500.00	\$14,500.00	\$14,500.00
3	ADDITIONAL CEMENT STABILIZED SAND, ONLY TO BE USED AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	1000	\$25.00	\$25,000.00	\$25.00	\$25,000.00	\$25.00	\$25,000.00
4	TEMPORARY COFFER DAM ALONG LOCATIONS WHERE INSTALLING CULVERTS AND/OR ESTABLISHING POND HIGH BANK, INCLUDES PUMPING, INSTALLATION AND REMOVAL UPON COMPLETION, ONLY TO BE USED AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	3	\$9,500.00	\$28,500.00	\$5,000.00	\$15,000.00	\$6,896.65	\$20,689.98
5	ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS, (ONLY TO BE USED AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	500	\$20.00	\$10,000.00	\$20.00	\$10,000.00	\$20.00	\$10,000.00
6	MISCELLANEOUS SWALES TO PROMOTE POSITIVE DRAINAGE, ONLY TO BE USED AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	500	\$3.75	\$1,875.00	\$4.00	\$2,000.00	\$1.70	\$850.00
7	HYDRO-MULCH SEEDING OF LAKES, CHANNELS, MAINTENANCE BERMS, AND SIDE SLOPES, AT LEAST 95% TURF ESTABLISHMENT REQUIRED, COMPLETE IN PLACE	AC	78	\$1,950.00	\$152,100.00	\$1,900.00	\$148,200.00	\$1,803.74	\$140,691.72
8	BROADCAST SEEDING OF FILL AREA, AT LEAST 80% TURF ESTABLISHMENT REQUIRED), COMPLETE IN PLACE	AC	126.9	\$700.00	\$88,830.00	\$750.00	\$95,175.00	\$742.72	\$94,251.17
9	STORMWATER POLLUTION PREVENTION PLAN, COMPLETE IN PLACE	LS	1	\$5,650.00	\$5,650.00	\$2,000.00	\$2,000.00	\$848.82	\$848.82
10	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE WASHOUT, COMPLETE IN PLACE	EA	1	\$315.00	\$315.00	\$1,200.00	\$1,200.00	\$1,061.03	\$1,061.03
11	INSTALLATION, MAINTENANCE, AND REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 471.1, INCLUDES INSTALLATION AND REMOVAL, (ONLY TO BE USED AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$3,800.00	\$3,800.00	\$2,500.00	\$2,500.00	\$1,697.64	\$1,697.64
12	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE (ONLY TO BE USED AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	30618	\$1.40	\$42,865.20	\$1.40	\$42,865.20	\$1.33	\$40,721.94
<b>MISCELLANEOUS ITEMS SUBTOTAL:</b>					<b>\$405,935.20</b>	<b>\$390,940.20</b>	<b>\$382,812.30</b>		
<b>ALTERNATE BID ITEMS</b>									
1	EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF ULTIMATE DETENTION PORTION OF LAKE "D", AS INDICATED ON PLANS, TO BE HAULED AND DISPOSED OUTSIDE THE DEVELOPMENT TO A LOCATION CONTRACTOR HAS AUTHORIZATION TO DUMP, IN LIEU OF DETENTION AND DRAINAGE ITEM NO. 1, COMPLETE IN PLACE	CY	40315	\$20.00	\$806,300.00	\$20.00	\$806,300.00	\$17.51	\$705,915.65
2	EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF ULTIMATE DETENTION PORTION OF LAKE "E & G", AS INDICATED ON PLANS, TO BE HAULED AND DISPOSED OUTSIDE THE DEVELOPMENT TO A LOCATION CONTRACTOR HAS AUTHORIZATION TO DUMP, IN LIEU OF DETENTION AND DRAINAGE ITEM NO. 2, COMPLETE IN PLACE	CY	372915	\$20.00	\$7,458,300.00	\$20.00	\$7,458,300.00	\$17.51	\$6,529,741.65
<b>ALTERNATE BID ITEMS SUBTOTAL:</b>					<b>\$8,264,600.00</b>	<b>\$8,264,600.00</b>	<b>\$7,235,657.30</b>		

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CONSTRUCTION OF DETENTION AND GRADING  
 TO SERVE SOUTHERN COLONY II DETENTION PHASE II  
 BRAZORIA-FORT BEND COUNTIES MUNICIPAL UTILITY DISTRICT NO. 3  
 CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS  
 SEPTEMBER 11, 2020  
 LJA ENGINEERING, INC.  
 C. DURHAM  
 SEPTEMBER 11, 2020  
 1931-8062 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	7) DOUBLE OAK CONSTRUCTION, INC		8) EARTH BUILDERS, L.P.		9) BLAZEY CONSTRUCTION SERVICES LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b><u>BIDDING SUMMARY</u></b>									
	SUBTOTAL DETENTION AND DRAINAGE ITEMS				\$3,115,749.40		\$3,336,353.00		\$3,766,475.77
	SUBTOTAL MISCELLANEOUS ITEMS				\$405,935.20		\$390,940.20		\$382,812.30
	<b>TOTAL AMOUNT BASE BID</b>				<b>\$3,521,684.60</b>		<b>\$3,727,293.20</b>		<b>\$4,149,288.07</b>
<b><u>ALTERNATE BID ITEMS</u></b>									
	TOTAL AMOUNT BASE BID				\$3,521,684.60		\$3,727,293.20		\$4,149,288.07
	DEDUCT DETENTION AND DRAINAGE ITEMS ITEM NO.1				-\$179,401.75		-\$161,260.00		-\$130,217.45
	DEDUCT DETENTION AND DRAINAGE ITEMS ITEM NO.2				-\$1,219,432.05		-\$1,342,494.00		-\$1,204,515.45
	SUBTOTAL ALTERNATE BID ITEMS				\$8,264,600.00		\$8,264,600.00		\$7,235,657.30
	<b>TOTAL AMOUNT INCLUDING ALTERNATE BID ITEMS</b>				<b>\$10,367,450.80</b>		<b>\$10,468,139.20</b>		<b>\$10,050,212.47</b>

LJA Engineering, Inc.

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CONSTRUCTION OF DETENTION AND GRADING  
 TO SERVE SOUTHERN COLONY II DETENTION PHASE II  
 BRAZORIA-FORT BEND COUNTIES MUNICIPAL UTILITY DISTRICT NO. 3  
 CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS  
 SEPTEMBER 11, 2020  
 LJA ENGINEERING, INC  
 C. DURHAM  
 SEPTEMBER 11, 2020  
 1931-8062 (9.2)

10) TRIPLE B SERVICES, LLP

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
<b>DETENTION AND DRAINAGE ITEMS</b>					
1	EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF ULTIMATE DETENTION PORTION OF LAKE D, AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	40315	\$6.00	\$241,890.00
2	EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF ULTIMATE DETENTION PORTION OF LAKE E & G, AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	372915	\$4.60	\$1,715,409.00
3	LIGHT CLEARING AND GRUBBING, MATERIAL TO BE HAULED OFFSITE (INCLUDES REMOVAL OF TREES, ROOT RAKING, BACK DRAGGING, AND TRANSPORTING), COMPLETE IN PLACE	AC	126.9	\$4,812.00	\$610,642.80
4	REMOVE AND DISPOSE EXISTING BARBED WIRE FENCE AND GATES ON EAST SIDE OF SOUTHERN COLONY EXPANSION PHASE 1 SECTION 3, ONLY TO BE USED AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	1500	\$1.00	\$1,500.00
5	INSTALL A 16' GRAVEL ACCESS ROAD WITHIN THE MAINTENANCE BERM BETWEEN THE PUMP STATION SITE AND THE WASTEWATER TREATMENT PLANT SITE, ONLY TO BE USED AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	4650	\$19.50	\$90,675.00
6	DEWATERING FOR GROUND WATER CONTROL, (INCLUDES CONVENTIONAL VACUUM TYPE WELL POINTS, INTERNAL SUMPS AND PUMPS, OR ANY TYPE OF PUMPING NECESSARY TO COMPLETE THE CONSTRUCTION OF THE PROJECT), COMPLETE IN PLACE	AC	15	\$10,500.00	\$157,500.00
7	FINAL GRADING OF FILL AREAS, CHANNELS, AND HIGH BANK TO FINISHED ELEVATIONS AS PER GRADING PLAN, COMPLETE IN PLACE	LS	1	\$50,000.00	\$50,000.00
8	6'X6' PRECAST REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, ALL DEPTHS, INCLUDES RUBBER GASKETS AT ALL JOINTS AND BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	436	\$500.00	\$218,000.00
9	7'X6' PRECAST REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, ALL DEPTHS, INCLUDES RUBBER GASKETS AT ALL JOINTS AND BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	376	\$600.00	\$225,600.00
10	10'X4' PRECAST REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, ALL DEPTHS, INCLUDES RUBBER GASKETS AT ALL JOINTS AND BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	57	\$850.00	\$48,450.00
11	CONNECT 10'X4' PRECAST REINFORCED CONCRETE BOX CULVERT TO EXISTING 10'X4' RCB AT PUMP STATION SITE OR STUB 10'X4' RCB TO PUMP STATION SITE, INCLUDES COORDINATION WITH THE PUMP STATION CONTRACTOR, COMPLETE IN PLACE	EA	1	\$10,000.00	\$10,000.00
12	CONCRETE WING WALL STRUCTURE WITH BAR SCREEN AS PER DETAIL SHEETS 18 AND 19 OF 20, INCLUDES ACCESS PANEL AND ANY NECESSARY APPURTENANCES, COMPLETE IN PLACE	LS	1	\$35,000.00	\$35,000.00
13	BACKSLOPE DRAIN INTERCEPTOR STRUCTURES, INCLUDING ALL CORRUGATED GALVANIZED METAL PIPE, SLOPE PAVING WITH REINFORCING STEEL AT INFLOW AND OUTFLOW, RIP RAP, NECESSARY ADAPTORS, JOINTS AND FITTINGS, ETC., SPOILS TO BE HAULED AND PLACED, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8' LIFTS IN FILL AREAS, TO BE APPROVED BY ENGINEER, COMPLETE IN PLACE	EA	18	\$5,500.00	\$99,000.00
14	INTERCEPTOR SWALES, INCLUDES EXCAVATION AND GRADING, AND PLACEMENT OF MATERIAL AS PER PLANS, COMPLETE IN PLACE	LF	12940	\$5.00	\$64,700.00

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CONSTRUCTION OF DETENTION AND GRADING  
 TO SERVE SOUTHERN COLONY II DETENTION PHASE II  
 BRAZORIA-FORT BEND COUNTIES MUNICIPAL UTILITY DISTRICT NO. 3  
 CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS  
 SEPTEMBER 11, 2020  
 LJA ENGINEERING, INC.  
 C. DURHAM  
 SEPTEMBER 11, 2020  
 1831-8062 (9.2)

10) TRIPLE B SERVICES, LLP

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
15	V-BOTTOM SWALES TO PROMOTE DRAINAGE WITH 4.1 S.S., LOCATED INSIDE PROPOSED PHASE II FILL AREA, COMPLETE IN PLACE	LF	8492	\$5.00	\$47,460.00
16	4" REINFORCED CONCRETE SLOPE PAVING, INCLUDES TOE WALL ON ALL SIDES, (MEASURED IN PLAN VIEW), COMPLETE IN PLACE	SY	395	\$70.00	\$27,650.00
17	4" REINFORCED CONCRETE PILOT CHANNEL (5' WIDE), AS PER DETAIL SHEET 10 OF 20 (INCLUDES TIE-IN INTO EXISTING CONCRETE PILOT CHANNEL WITH ANY MEANS NECESSARY), COMPLETE IN PLACE	LF	6439	\$38.00	\$244,682.00
18	DEMUCK, SCARIFY, AND FILL EXISTING DRAINAGE SWALES, COMPLETE IN PLACE	LF	4696	\$6.00	\$28,176.00
19	STORM SEWER UTILITY SPOILS (INCL. HAULING, ON-SITE, STRIPPING, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY IN FILL AREAS AS DESIGNATED ON PLANS), COMPLETE IN PLACE	CY	2899	\$6.00	\$17,394.00
20	OVER EXCAVATION OF MATERIAL UNSUITABLE FOR LAKE CLAY LINING, TO BE HAULED TO ADJACENT SECTION (CALDWELL RANCH SECTION 6), PLACING, COMPACTING TO 95% STANDARD PROCTOR DENSITY, (CONTRACTOR WILL ONLY BE PAID EXACT QUANTITIES CONSTRUCTED), AS DIRECTED BY THE GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	CY	10000	\$5.00	\$50,000.00
21	CLAY LINER FOR LAKE E & G (FILLING IN A MAXIMUM 8" LIFTS UNTIL 2" THICK (MIN.), INCLUDES COMPACTION TO 95% STANDARD PROCTOR DENSITY, CONTRACTOR WILL ONLY BE PAID EXACT QUANTITIES CONSTRUCTED, ONLY TO BE USED AS DIRECTED BY THE GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	CY	48390	\$2.50	\$120,975.00
22	DIRT BERMS (12' TALL WITH A 10' TOP WIDTH AT 4:1 SIDE SLOPES TO BE CONSTRUCTED AT THE WATER PLANT SITE, TO BE CONSTRUCTED WITH EXCESS EXCAVATION, (CONTRACTOR WILL ONLY BE PAID EXACT QUANTITIES CONSTRUCTED), ONLY TO BE USED AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	8000	\$7.30	\$58,400.00
23	STOCK-PILE ADDITIONAL EXCAVATION ONSITE (LOCATION TO BE DETERMINED DURING THE PROJECT), (CONTRACTOR WILL ONLY BE PAID EXACT QUANTITIES CONSTRUCTED), ONLY TO BE USED AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	10000	\$6.50	\$65,000.00
24	EXCAVATE AROUND EXISTING WATER WELL FOR OTHERS TO CUT AND CAP, ONLY TO BE USED AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	3	\$1,500.00	\$4,500.00
25	DEWATERING FOR STORM SEWER, (ALL DEPTHS, THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	869	\$35.00	\$30,415.00
26	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	869	\$1.00	\$869.00
27	ADDITIONAL COST TO DO CONSTRUCTION IN THE SPECIAL CONSTRUCTION ZONE LABELED "OFF HOURS" CONSTRUCTION AREA ON SHEET 04 OF 20. "OFF HOURS" IS DEFINED BY THE HOURS THAT BAYOU RIFLES JULLIFF RANGE IS NOT OPERATING THEIR HIGH POWER RANGE (RANGE HOURS ARE FROM 8 AM TO 8 PM). CONSTRUCTION IN THIS ZONE INCLUDES EXCAVATION, FILL, HYDRO-MULCH SEEDING, INSTALLATION OF PIPES, SLOPE PAVING, AND CONCRETE PILOT CHANNELS. GRADING, BORING, AND ANY OTHER NECESSARY ITEMS TO COMPLETE CONSTRUCTION (AS INDICATED ON THE CONSTRUCTION PLANS) LOCATED IN THE "OFF HOURS" CONSTRUCTION AREA, COMPLETE IN PLACE	AC	23.8	\$800.00	\$19,040.00

**DETENTION AND DRAINAGE ITEMS SUBTOTAL: \$4,282,927.80**

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CONSTRUCTION OF DETENTION AND GRADING  
 TO SERVE SOUTHERN COLONY II DETENTION PHASE II  
 BRAZORIA-FORT BEND COUNTIES MUNICIPAL UTILITY DISTRICT NO. 3  
 CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS  
 SEPTEMBER 11, 2020  
 LJA ENGINEERING, INC.  
 C. DURHAM  
 SEPTEMBER 11, 2020  
 1931-8062 (9.2)

10) TRIPLE B SERVICES, LLP

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
<b>MISCELLANEOUS ITEMS</b>					
1	METHOD "A" CONSTRUCTION STAKING AS PER GBI PARTNERS, L.P. (CONTACT JON BORDOVSKY AT 281.499.4539), COMPLETE IN PLACE	LS	1	\$32,500.00	\$32,500.00
2	AS-BUILT SURVEY OF ALL LAKES AND FILL AREAS (CONTACT JON BORDOVSKY AT 281 499 4539 TO PROVIDE CERTIFIED TOPOGRAPHIC SURVEY, GRID SPACING SHALL BE 200' MAXIMUM, INCLUDES 3D CAD FORMAT), COMPLETE IN PLACE	LS	1	\$14,500.00	\$14,500.00
3	ADDITIONAL CEMENT STABILIZED SAND, ONLY TO BE USED AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	1000	\$35.00	\$35,000.00
4	TEMPORARY COFFER DAM ALONG LOCATIONS WHERE INSTALLING CULVERTS AND/OR ESTABLISHING POND HIGH BANK, INCLUDES PUMPING, INSTALLATION AND REMOVAL UPON COMPLETION, ONLY TO BE USED AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	3	\$2,500.00	\$7,500.00
5	ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS, (ONLY TO BE USED AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	500	\$22.00	\$11,000.00
6	MISCELLANEOUS SWALES TO PROMOTE POSITIVE DRAINAGE, ONLY TO BE USED AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	500	\$5.00	\$2,500.00
7	HYDRO-MULCH SEEDING OF LAKES, CHANNELS, MAINTENANCE BERMS, AND SIDE SLOPES, AT LEAST 95% TURF ESTABLISHMENT REQUIRED, COMPLETE IN PLACE	AC	78	\$1,650.00	\$128,700.00
8	BROADCAST SEEDING OF FILL AREA, AT LEAST 80% TURF ESTABLISHMENT REQUIRED), COMPLETE IN PLACE	AC	126.9	\$650.00	\$82,485.00
9	STORMWATER POLLUTION PREVENTION PLAN, COMPLETE IN PLACE	LS	1	\$1,000.00	\$1,000.00
10	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE WASHOUT, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00
11	INSTALLATION, MAINTENANCE, AND REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 471 I, INCLUDES INSTALLATION AND REMOVAL, (ONLY TO BE USED AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$2,500.00	\$2,500.00
12	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE (ONLY TO BE USED AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	30618	\$1.30	\$39,803.40
<b>MISCELLANEOUS ITEMS SUBTOTAL:</b>					<b>\$358,988.40</b>
<b>ALTERNATE BID ITEMS</b>					
1	EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF ULTIMATE DETENTION PORTION OF LAKE "D", AS INDICATED ON PLANS, TO BE HAULED AND DISPOSED OUTSIDE THE DEVELOPMENT TO A LOCATION CONTRACTOR HAS AUTHORIZATION TO DUMP, IN LIEU OF DETENTION AND DRAINAGE ITEM NO. 1, COMPLETE IN PLACE	CY	40315	\$6.00	\$241,890.00
2	EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF ULTIMATE DETENTION PORTION OF LAKE "E & G", AS INDICATED ON PLANS, TO BE HAULED AND DISPOSED OUTSIDE THE DEVELOPMENT TO A LOCATION CONTRACTOR HAS AUTHORIZATION TO DUMP, IN LIEU OF DETENTION AND DRAINAGE ITEM NO. 2, COMPLETE IN PLACE	CY	372915	\$4.60	\$1,715,409.00
<b>ALTERNATE BID ITEMS SUBTOTAL:</b>					<b>\$1,957,299.00</b>



**BID TABULATION FOR:**

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

CONSTRUCTION OF DETENTION AND GRADING  
TO SERVE SOUTHERN COLONY II DETENTION PHASE II  
BRAZORIA-FORT BEND COUNTIES MUNICIPAL UTILITY DISTRICT NO. 3  
CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS  
SEPTEMBER 11, 2020  
LJA ENGINEERING, INC.  
C. DURHAM  
SEPTEMBER 11, 2020  
1931-8062 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
<b><u>BIDDING SUMMARY</u></b>					
	SUBTOTAL DETENTION AND DRAINAGE ITEMS				\$4,282,927.80
	SUBTOTAL MISCELLANEOUS ITEMS				\$358,988.40
	<b>TOTAL AMOUNT BASE BID</b>				<b>\$4,641,916.20</b>
<b><u>ALTERNATE BID ITEMS</u></b>					
	TOTAL AMOUNT BASE BID				\$4,641,916.20
	DEDUCT DETENTION AND DRAINAGE ITEMS ITEM NO.1				-\$241,890.00
	DEDUCT DETENTION AND DRAINAGE ITEMS ITEM NO.2				-\$1,715,409.00
	SUBTOTAL ALTERNATE BID ITEMS				\$1,957,299.00
	<b>TOTAL AMOUNT INCLUDING ALTERNATE BID ITEMS</b>				<b>\$4,641,916.20</b>

LJA Engineering, Inc.