

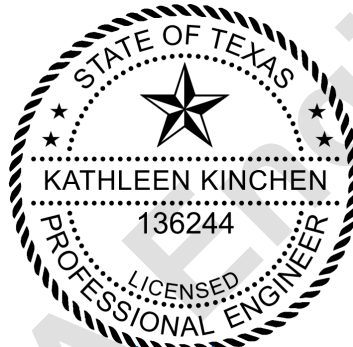
BID TABULATION FOR:

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

CONSTRUCTION OF DETENTION AND GRADING PHASE 3  
TO SERVE BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 87  
BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 87  
CITY OF IOWA COLONY, BRAZORIA COUNTY, TEXAS  
JANUARY 9, 2024  
LJA ENGINEERING, INC.  
P.CHATTERJEE  
JANUARY 10, 2024  
1931-8111 (9.2)

BIDDER'S NAME	TOTAL AMOUNT BID	BID INCLUDING ALTERNATE DETENTION BID NO.1 ITEMS	BID INCLUDING ALTERNATE BID NO. 2 ITEMS
1) LONGHORN EXCAVATORS, INC.	\$7,484,697.00	\$7,563,597.00	\$34,188,190.95
2) LONNIE LISCHKA COMPANY, LP	\$7,627,868.41	\$7,628,868.41	\$37,163,210.41
3) RT ELLIS EXCAVATING INC	\$7,947,587.11	\$8,047,587.11	\$26,043,494.41
4) NORTHTEX CONSTRUCTION, LLC	\$8,253,176.61	\$8,298,140.75	\$20,993,048.01
5) HURTADO CONSTRUCTION COMPANY	\$8,488,879.84	\$8,616,879.84	\$25,692,535.64
6) R CONSTRUCTION CIVIL, LLC	\$10,268,644.75	\$10,368,644.75	\$27,202,504.00
7) TEXAN DIRT, LLC	\$10,393,373.00	\$10,443,373.00	\$27,523,900.75

CALENDAR DAYS 200/230



*Kathleen Kinchen* 01/10/2024  
I, Kathleen Kinchen, P.E., hereby certify these bid tabulations to be true and correct.

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				1) LONGHORN EXCAVATORS, INC.		2) LONNIE LISCHKA COMPANY, LP		3) RT ELLIS EXCAVATING INC	
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
DETENTION AND DRAINAGE ITEMS									
1	EXCAVATION, TO INCLUDE SITE PREPARATION, PROOF ROLLING OF FILL AREAS, HAULING, STRIPPING, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY (ASTM D698) OF LAKE A TO BE HAULED TO FILL AREAS, AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	372180	\$3.21	\$1,194,697.80	\$3.20	\$1,190,976.00	\$3.35	\$1,246,803.00
2	EXCAVATION, TO INCLUDE SITE PREPARATION, PROOF ROLLING OF FILL AREAS, HAULING, STRIPPING, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY (ASTM D698) OF LAKE B TO BE HAULED TO FILL AREAS, AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	429210	\$2.55	\$1,094,485.50	\$3.20	\$1,373,472.00	\$3.35	\$1,437,853.50
3	EXCAVATION, TO INCLUDE SITE PREPARATION, PROOF ROLLING OF FILL AREAS, HAULING, STRIPPING, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY (ASTM D698) OF LAKE C TO BE HAULED TO FILL AREAS, AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	276385	\$2.55	\$704,781.75	\$3.20	\$884,432.00	\$3.35	\$925,889.75
4	EXCAVATION, TO INCLUDE SITE PREPARATION, PROOF ROLLING OF FILL AREAS, HAULING, STRIPPING, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY (ASTM D698) OF LAKE D TO BE HAULED TO FILL AREAS, AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	24290	\$2.40	\$58,296.00	\$3.20	\$77,728.00	\$3.35	\$81,371.50
5	SPREAD AND COMPACT EXISTING STOCKPILE AT LOCATIONS DESIGNATED ON THE GRADING PLAN AND AS DIRECTED BY ENGINEER. INCLUDES PROOF ROLLING OF FILL AREAS, DEMUCKING, INTERIM DRAINAGE (INCLUDING CUTTING SWALES TO PROVIDE POSITIVE INTERIM DRAINAGE), HAULING, STRIPPING, AND UNIFORM SPREADING, GRADING, AND COMPACTING TO 95% STANDARD PROCTOR DENSITY (ASTM D698) OF FILL MATERIAL, ALL AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	160000	\$2.40	\$384,000.00	\$3.20	\$512,000.00	\$3.00	\$480,000.00
6	OVER EXCAVATION OF MATERIAL UNSUITABLE FOR CLAY LINING FOR LAKE B, TO BE USED FOR PROPOSED FILL, 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	42790	\$2.55	\$109,114.50	\$2.50	\$106,975.00	\$2.00	\$85,580.00
7	OVER EXCAVATION OF MATERIAL UNSUITABLE FOR CLAY LINING FOR LAKE C, TO BE USED FOR PROPOSED FILL, 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	27300	\$2.55	\$69,615.00	\$2.50	\$68,250.00	\$2.00	\$54,600.00
8	OVER EXCAVATION OF MATERIAL UNSUITABLE FOR CLAY LINING FOR LAKE D, TO BE USED FOR PROPOSED FILL, 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	1825	\$2.55	\$4,653.75	\$2.50	\$4,562.50	\$2.00	\$3,650.00
9	CLAY FILL FOR LAKE B LINER, MATERIAL TO BE OBTAINED WITHIN LIMITS OF LAKE BOTTOM, (FILLING IN A MAXIMUM 8" LIFTS UNTIL 2' THICK (MIN.), AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, (CONTRACTOR WILL ONLY BE PAID EXACT QUANTITY CONSTRUCTED), AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	64185	\$2.40	\$154,044.00	\$0.01	\$641.85	\$1.33	\$85,366.05
10	CLAY FILL FOR LAKE C LINER, MATERIAL TO BE OBTAINED WITHIN LIMITS OF LAKE BOTTOM, (FILLING IN A MAXIMUM 8" LIFTS UNTIL 2' THICK (MIN.), AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, (CONTRACTOR WILL ONLY BE PAID EXACT QUANTITY CONSTRUCTED), AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	40950	\$2.40	\$98,280.00	\$0.01	\$409.50	\$1.33	\$54,463.50

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ITEM	DESCRIPTION	UNIT	QTY	1) LONGHORN EXCAVATORS, INC.		2) LONNIE LISCHKA COMPANY, LP		3) RT ELLIS EXCAVATING INC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
11	CLAY FILL FOR LAKE D LINER, MATERIAL TO BE OBTAINED WITHIN LIMITS OF LAKE BOTTOM, (FILLING IN A MAXIMUM 8" LIFTS UNTIL 2' THICK (MIN.), AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, (CONTRACTOR WILL ONLY BE PAID EXACT QUANTITY CONSTRUCTED), AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	2735	\$2.40	\$6,564.00	\$0.01	\$27.35	\$1.33	\$3,637.55
12	WATERING CLAY LINER TO ENSURE THAT LINER MAINTAINS MOISTURE REQUIREMENTS AS DICTATED IN SPECS, INCLUDES WATERING TRUCK, TEMPORARY IRRIGATION SYSTEM, OR ANY MEANS NECESSARY TO KEEP CLAY MOIST, COMPLETE IN PLACE	DAY	10	\$600.00	\$6,000.00	\$1,500.00	\$15,000.00	\$1,000.00	\$10,000.00
13	CLEARING AND GRUBBING, OF PROPOSED FILL AREAS - MATERIAL TO BE HAULED OFFSITE (INCLUDES REMOVAL OF TREES, ROOT RAKING, BACK DRAGGING, AND TRANSPORTING), TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	AC	220	\$3,462.00	\$761,640.00	\$5,562.00	\$1,223,640.00	\$1,988.00	\$437,360.00
14	REMOVAL AND DISPOSAL OF EXISTING ABOVE GROUND STRUCTURES, INCLUDES BUT NOT LIMITED TO REMOVAL OF CONCRETE SLABS, GAS TANKS, WATER HEATERS, POWER POLES, OVERHEAD ELECTRICAL WIRING, AND ALL APPURTENANCES (INCLUDES DISPOSAL OUTSIDE THE DEVELOPMENT TO A LOCATION CONTRACTOR HAS AUTHORIZATION TO DUMP), COMPLETE IN PLACE	LS	1	\$19,080.00	\$19,080.00	\$19,800.00	\$19,800.00	\$150,000.00	\$150,000.00
15	6'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	783	\$694.32	\$543,652.56	\$591.50	\$463,144.50	\$651.37	\$510,022.71
16	60-INCH RCP, ASTM C-76, CLASS III, ALL DEPTHS, (INCLUDING BEDDING AND BACKFILL), COMPLETE IN PLACE	LF	588	\$450.51	\$264,899.88	\$370.00	\$217,560.00	\$432.49	\$254,304.12
17	54-INCH RCP, ASTM C-76, CLASS III, ALL DEPTHS, (INCLUDING BEDDING AND BACKFILL), COMPLETE IN PLACE	LF	112	\$395.40	\$44,284.80	\$330.10	\$36,971.20	\$375.37	\$42,041.44
18	48-INCH RCP, ASTM C-76, CLASS III, ALL DEPTHS, (INCLUDING BEDDING AND BACKFILL), COMPLETE IN PLACE	LF	578	\$272.43	\$157,464.54	\$221.27	\$127,894.06	\$257.64	\$148,915.92
19	5" CONCRETE SLOPE PAVING WITH 2' MINIMUM TOE WALLS ALL AROUND, 2' CLAY LINER BELOW ALL SLOPE PAVING, AND EXPANSION JOINTS, COMPLETE IN PLACE	SY	1300	\$109.20	\$141,960.00	\$95.00	\$123,500.00	\$135.00	\$175,500.00
20	TYPE "C" MANHOLE TOP ON PROPOSED RCB, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$4,770.00	\$14,310.00	\$3,300.00	\$9,900.00	\$4,223.89	\$12,671.67
21	TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$7,314.00	\$43,884.00	\$6,200.00	\$37,200.00	\$11,294.99	\$67,769.94
22	REINFORCED CONCRETE TYPE "E" INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$5,355.00	\$16,065.00	\$5,700.00	\$17,100.00	\$10,043.47	\$30,130.41
23	FLAP GATE ON 48" STORM SEWER, PER PLANS AND DETAILS, INCLUDES ALL NECESSARY FITTINGS AND APPURTENANCES, COMPLETE IN PLACE	EA	2	\$24,990.00	\$49,980.00	\$17,495.50	\$34,991.00	\$36,294.16	\$72,588.32
24	FLAP GATE ON 54" STORM SEWER, PER PLANS AND DETAILS, INCLUDES ALL NECESSARY FITTINGS AND APPURTENANCES, COMPLETE IN PLACE	EA	1	\$29,151.00	\$29,151.00	\$20,214.10	\$20,214.10	\$46,932.11	\$46,932.11
25	BORE AND JACK OR TUNNEL FOR 6'X4' BOX CULVERT, (EXCLUDES BOX), INCLUDES BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	210	\$980.52	\$205,909.20	\$751.40	\$157,794.00	\$1,331.79	\$279,675.90
26	STORM SEWER UTILITY SPOIL TO BE USED FOR FILL IN PROPOSED FILL AREAS, INCLUDES EXCAVATION, HAULING, PLACING AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	4900	\$3.00	\$14,700.00	\$2.00	\$9,800.00	\$3.89	\$19,061.00

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ITEM	DESCRIPTION	UNIT	QTY	1) LONGHORN EXCAVATORS, INC.		2) LONNIE LISCHKA COMPANY, LP		3) RT ELLIS EXCAVATING INC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
27	BACKSLOPE DRAIN INTERCEPTOR STRUCTURES, PER THE BDD4 DETAIL IN THE CONSTRUCTION PLANS, MATERIAL TO BE H.D.P.E., INCLUDING ALL PIPES, SLOPE PAVING WITH REINFORCING STEEL AT INFLOW AND OUTFLOW, RIP RAP, NECESSARY ADAPTORS, JOINTS AND FITTINGS, ETC., SPOILS TO BE HAULED, PLACED, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS IN FILL AREAS, TO BE APPROVED BY ENGINEER, COMPLETE IN PLACE	EA	37	\$12,510.00	\$462,870.00	\$7,240.00	\$267,880.00	\$10,500.00	\$388,500.00
28	INTERCEPTOR SWALES, INCLUDES EXCAVATION AND GRADING, AND PLACEMENT OF MATERIAL AS PER PLANS, COMPLETE IN PLACE	LF	19047	\$1.50	\$28,570.50	\$2.50	\$47,617.50	\$2.50	\$47,617.50
29	V-BOTTOM SWALES TO PROMOTE DRAINAGE WITH 4:1 S.S., LOCATED INSIDE PROPOSED PHASE 2 FILL AREA, COMPLETE IN PLACE	LF	17992	\$1.50	\$26,988.00	\$1.00	\$17,992.00	\$2.00	\$35,984.00
30	SOD FOR EROSION CONTROL AROUND BACKSLOPE DRAIN INTERCEPTOR STRUCTURES AND MISCELLANEOUS AREAS, TO BE USED AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	333	\$8.49	\$2,827.17	\$10.00	\$3,330.00	\$6.00	\$1,998.00
31	DEWATERING PER LF OF PIPE (NO SEPARATE PAY FOR DOUBLE ROW IF NEEDED), (ALL DEPTHS, THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2062	\$21.21	\$43,735.02	\$20.00	\$41,240.00	\$20.00	\$41,240.00
32	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	20	\$1,500.00	\$30,000.00	\$1.00	\$20.00	\$3,500.00	\$70,000.00
33	ADDITIONAL PUMPING, AS NEEDED AND ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	DAY	15	\$600.00	\$9,000.00	\$840.00	\$12,600.00	\$750.00	\$11,250.00
34	DEMUCK, SCARIFY, AND FILL EXISTING PONDS IN FUTURE CALDWELL LAKES SECTION 1 AND 2, COMPLETE IN PLACE	LS	1	\$30,690.00	\$30,690.00	\$35,000.00	\$35,000.00	\$47,272.22	\$47,272.22
35	REBUILD EXISTING SIDE SLOPES AND DITCH HIGHBANK ADJACENT TO FUTURE WASTEWATER TREATMENT PLANT TO EXISTING OR BETTER CONDITIONS, REGRADE DITCH PER GRADING PLAN AS NECESSARY TO PROMOTE DRAINAGE, COMPLETE IN PLACE	LF	2300	\$6.00	\$13,800.00	\$3.00	\$6,900.00	\$5.00	\$11,500.00
36	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1852	\$1.08	\$2,000.16	\$0.50	\$926.00	\$1.00	\$1,852.00
<b>DETENTION AND DRAINAGE ITEMS SUBTOTAL:</b>					<b>\$6,841,994.13</b>		<b>\$7,167,488.56</b>		<b>\$7,373,402.11</b>
<b>MISCELLANEOUS AND GRADING IMPROVEMENT 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	\$45,051.00	\$45,051.00	\$42,500.00	\$42,500.00	\$42,500.00	\$42,500.00
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	\$29,682.00	\$29,682.00	\$28,000.00	\$28,000.00	\$28,000.00	\$28,000.00
3	ADDITIONAL CEMENT STABILIZED SAND (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	500	\$21.21	\$10,605.00	\$20.00	\$10,000.00	\$20.00	\$10,000.00
4	TEMPORARY COFFER DAM ALONG LOCATIONS WHERE INSTALLING CULVERTS AND/OR ESTABLISHING POND HIGH BANK, INCLUDES PUMPING, INSTALLATION AND REMOVAL UPON COMPLETION, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$6,900.00	\$6,900.00	\$100.00	\$100.00	\$5,000.00	\$5,000.00
5	ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	400	\$21.21	\$8,484.00	\$20.00	\$8,000.00	\$20.00	\$8,000.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6	MISCELLANEOUS SWALES TO PROMOTE POSITIVE DRAINAGE, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	500	\$3.00	\$1,500.00	\$2.00	\$1,000.00	\$4.00	\$2,000.00
7	HYDRO-MULCH SEEDING OF LAKES, CHANNELS, MAINTENANCE BERMS, AND SIDE SLOPES, AT LEAST 95% TURF ESTABLISHMENT REQUIRED, COMPLETE IN PLACE	AC	74	\$2,334.00	\$172,716.00	\$2,650.00	\$196,100.00	\$2,500.00	\$185,000.00
8	BROADCAST SEEDING OF FILL AREA, AT LEAST 80% TURF ESTABLISHMENT REQUIRED, COMPLETE IN PLACE	AC	138	\$795.00	\$109,710.00	\$100.00	\$13,800.00	\$750.00	\$103,500.00
9	STORMWATER POLLUTION PREVENTION PLAN, COMPLETE IN PLACE	LS	1	\$5,486.07	\$5,486.07	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00
10	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE WASHOUT, COMPLETE IN PLACE	EA	2	\$3,000.00	\$6,000.00	\$500.00	\$1,000.00	\$1,500.00	\$3,000.00
11	INSTALLATION, MAINTENANCE, AND REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, INCLUDES INSTALLATION AND REMOVAL, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	2	\$3,000.00	\$6,000.00	\$3,000.00	\$6,000.00	\$5,000.00	\$10,000.00
12	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	35640	\$2.67	\$95,158.80	\$0.01	\$356.40	\$2.25	\$80,190.00
13	OVER EXCAVATION AND UNDERCUTTING OF UNSUITABLE MATERIAL, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	15000	\$3.00	\$45,000.00	\$2.50	\$37,500.00	\$1.00	\$15,000.00
14	ADDITIONAL CLEARING AND GRUBBING, MATERIAL TO BE HAULED OFFSITE (INCLUDES REMOVAL OF TREES, ROOT RAKING, BACK DRAGGING, AND TRANSPORTING), TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	AC	5	\$7,422.00	\$37,110.00	\$7,700.00	\$38,500.00	\$6,500.00	\$32,500.00
15	PERMIT FEE AS REQUIRED BY CITY OF IOWA COLONY, COMPLETE IN PLACE	LS	1	\$63,300.00	\$63,300.00	\$75,523.45	\$75,523.45	\$47,995.00	\$47,995.00
<b>MISCELLANEOUS AND GRADING IMPROVEMENT ITEMS SUBTOTAL:</b>					<b>\$642,702.87</b>		<b>\$460,379.85</b>		<b>\$574,185.00</b>
<b>ALTERNATE DETENTION BID NO.1 ITEMS</b>									
1	ADDITIONAL COST TO ACHIEVE SUBSTANTIAL COMPLETION OF PRIORITY FILL AREA "FUTURE CALDWELL LAKES SECTION 1" WITHIN 75 CALENDAR DAYS AFTER GIVEN NOTICE TO PROCEED, ONLY INCLUDES UNIFORM SPREADING, GRADING, AND COMPACTING TO 95% STANDARD PROCTOR DENSITY (ASTM D698) OF FILL MATERIAL, COMPLETE IN PLACE	LS	1	\$78,900.00	\$78,900.00	\$1,000.00	\$1,000.00	\$100,000.00	\$100,000.00
<b>ALTERNATE DETENTION BID NO.1 ITEMS SUBTOTAL:</b>					<b>\$78,900.00</b>		<b>\$1,000.00</b>		<b>\$100,000.00</b>
<b>ALTERNATE BID NO. 2 ITEMS</b>									
1	EXCAVATION, TO INCLUDE SITE PREPARATION, PROOF ROLLING OF FILL AREAS, HAULING, STRIPPING, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY (ASTM D698) OF LAKE A, 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 DETENTION & DRAINAGE ITEM NO. 1, COMPLETE IN PLACE	CY	372180	\$27.00	\$10,048,860.00	\$30.00	\$11,165,400.00	\$19.77	\$7,357,998.60
2	EXCAVATION, TO INCLUDE SITE PREPARATION, PROOF ROLLING OF FILL AREAS, HAULING, STRIPPING, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY (ASTM D698) OF LAKE B, 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 DETENTION & DRAINAGE ITEM NO. 2, COMPLETE IN PLACE	CY	429210	\$27.00	\$11,588,670.00	\$30.00	\$12,876,300.00	\$19.77	\$8,485,481.70

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

CONSTRUCTION OF DETENTION AND GRADING PHASE 3  
TO SERVE BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 87  
BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 87  
CITY OF IOWA COLONY, BRAZORIA COUNTY, TEXAS  
JANUARY 9, 2024  
LJA ENGINEERING, INC.  
P.CHATTERJEE  
JANUARY 10, 2024  
1931-8111 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) LONGHORN EXCAVATORS, INC.		2) LONNIE LISCHKA COMPANY, LP		3) RT ELLIS EXCAVATING INC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
3	EXCAVATION, TO INCLUDE SITE PREPARATION, PROOF ROLLING OF FILL AREAS, HAULING, STRIPPING, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY (ASTM D698) OF LAKE C, 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 DETENTION & DRAINAGE ITEM NO. 3, COMPLETE IN PLACE	CY	276385	\$27.00	\$7,462,395.00	\$30.00	\$8,291,550.00	\$19.77	\$5,464,131.45
4	EXCAVATION, TO INCLUDE SITE PREPARATION, PROOF ROLLING OF FILL AREAS, HAULING, STRIPPING, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY (ASTM D698) 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 DETENTION & DRAINAGE ITEM NO. 4, COMPLETE IN PLACE	CY	24290	\$27.00	\$655,830.00	\$30.00	\$728,700.00	\$19.77	\$480,213.30
<b>ALTERNATE BID NO. 2 ITEMS SUBTOTAL:</b>					<b>\$29,755,755.00</b>		<b>\$33,061,950.00</b>		<b>\$21,787,825.05</b>
<b><u>BIDDING SUMMARY</u></b>									
SUBTOTAL DETENTION AND DRAINAGE ITEMS					\$6,841,994.13		\$7,167,488.56		\$7,373,402.11
SUBTOTAL MISCELLANEOUS AND GRADING IMPROVEMENT ITEMS					\$642,702.87		\$460,379.85		\$574,185.00
<b>TOTAL AMOUNT BASE BID</b>					<b>\$7,484,697.00</b>		<b>\$7,627,868.41</b>		<b>\$7,947,587.11</b>
<b><u>ALTERNATE DETENTION BID NO.1 ITEMS</u></b>									
TOTAL AMOUNT BASE BID					\$7,484,697.00		\$7,627,868.41		\$7,947,587.11
SUBTOTAL ALTERNATE DETENTION BID NO.1 ITEMS					\$78,900.00		\$1,000.00		\$100,000.00
<b>TOTAL AMOUNT INCLUDING ALTERNATE DETENTION BID NO.1 ITEMS</b>					<b>\$7,563,597.00</b>		<b>\$7,628,868.41</b>		<b>\$8,047,587.11</b>
<b><u>ALTERNATE BID NO. 2 ITEMS</u></b>									
TOTAL AMOUNT BASE BID					\$7,484,697.00		\$7,627,868.41		\$7,947,587.11
DEDUCT DETENTION AND DRAINAGE ITEMS ITEM NO.1					-\$1,194,697.80		-\$1,190,976.00		-\$1,246,803.00
DEDUCT DETENTION AND DRAINAGE ITEMS ITEM NO.2					-\$1,094,485.50		-\$1,373,472.00		-\$1,437,853.50
DEDUCT DETENTION AND DRAINAGE ITEMS ITEM NO.3					-\$704,781.75		-\$884,432.00		-\$925,889.75
DEDUCT DETENTION AND DRAINAGE ITEMS ITEM NO.4					-\$58,296.00		-\$77,728.00		-\$81,371.50
SUBTOTAL ALTERNATE BID NO. 2 ITEMS					\$29,755,755.00		\$33,061,950.00		\$21,787,825.05
<b>TOTAL AMOUNT INCLUDING ALTERNATE BID NO. 2 ITEMS</b>					<b>\$34,188,190.95</b>		<b>\$37,163,210.41</b>		<b>\$26,043,494.41</b>

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 TO SERVE BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 87  
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 87  
 CITY OF IOWA COLONY, BRAZORIA COUNTY, TEXAS  
 JANUARY 9, 2024  
 LJA ENGINEERING, INC.  
 P.CHATTERJEE  
 JANUARY 10, 2024  
 1931-8111 (9.2)

				4) NORTHTEX CONSTRUCTION, LLC		5) HURTADO CONSTRUCTION COMPANY		6) R CONSTRUCTION CIVIL, LLC	
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
DETENTION AND DRAINAGE ITEMS									
1	EXCAVATION, TO INCLUDE SITE PREPARATION, PROOF ROLLING OF FILL AREAS, HAULING, STRIPPING, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY (ASTM D698) OF LAKE A TO BE HAULED TO FILL AREAS, AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	372180	\$3.44	\$1,280,299.20	\$5.58	\$2,076,764.40	\$4.80	\$1,786,464.00
2	EXCAVATION, TO INCLUDE SITE PREPARATION, PROOF ROLLING OF FILL AREAS, HAULING, STRIPPING, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY (ASTM D698) OF LAKE B TO BE HAULED TO FILL AREAS, AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	429210	\$3.44	\$1,476,482.40	\$4.18	\$1,794,097.80	\$4.55	\$1,952,905.50
3	EXCAVATION, TO INCLUDE SITE PREPARATION, PROOF ROLLING OF FILL AREAS, HAULING, STRIPPING, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY (ASTM D698) OF LAKE C TO BE HAULED TO FILL AREAS, AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	276385	\$3.44	\$950,764.40	\$3.28	\$906,542.80	\$4.55	\$1,257,551.75
4	EXCAVATION, TO INCLUDE SITE PREPARATION, PROOF ROLLING OF FILL AREAS, HAULING, STRIPPING, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY (ASTM D698) OF LAKE D TO BE HAULED TO FILL AREAS, AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	24290	\$3.44	\$83,557.60	\$2.48	\$60,239.20	\$4.55	\$110,519.50
5	SPREAD AND COMPACT EXISTING STOCKPILE AT LOCATIONS DESIGNATED ON THE GRADING PLAN AND AS DIRECTED BY ENGINEER. INCLUDES PROOF ROLLING OF FILL AREAS, DEMUCKING, INTERIM DRAINAGE (INCLUDING CUTTING SWALES TO PROVIDE POSITIVE INTERIM DRAINAGE), HAULING, STRIPPING, AND UNIFORM SPREADING, GRADING, AND COMPACTING TO 95% STANDARD PROCTOR DENSITY (ASTM D698) OF FILL MATERIAL, ALL AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	160000	\$3.44	\$550,400.00	\$2.68	\$428,800.00	\$3.40	\$544,000.00
6	OVER EXCAVATION OF MATERIAL UNSUITABLE FOR CLAY LINING FOR LAKE B, TO BE USED FOR PROPOSED FILL, 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	42790	\$1.94	\$83,012.60	\$1.58	\$67,608.20	\$3.00	\$128,370.00
7	OVER EXCAVATION OF MATERIAL UNSUITABLE FOR CLAY LINING FOR LAKE C, TO BE USED FOR PROPOSED FILL, 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	27300	\$1.94	\$52,962.00	\$1.58	\$43,134.00	\$3.00	\$81,900.00
8	OVER EXCAVATION OF MATERIAL UNSUITABLE FOR CLAY LINING FOR LAKE D, TO BE USED FOR PROPOSED FILL, 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	1825	\$1.94	\$3,540.50	\$1.68	\$3,066.00	\$3.00	\$5,475.00
9	CLAY FILL FOR LAKE B LINER, MATERIAL TO BE OBTAINED WITHIN LIMITS OF LAKE BOTTOM, (FILLING IN A MAXIMUM 8" LIFTS UNTIL 2' THICK (MIN.), AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, (CONTRACTOR WILL ONLY BE PAID EXACT QUANTITY CONSTRUCTED), AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	64185	\$1.61	\$103,337.85	\$1.58	\$101,412.30	\$1.00	\$64,185.00
10	CLAY FILL FOR LAKE C LINER, MATERIAL TO BE OBTAINED WITHIN LIMITS OF LAKE BOTTOM, (FILLING IN A MAXIMUM 8" LIFTS UNTIL 2' THICK (MIN.), AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, (CONTRACTOR WILL ONLY BE PAID EXACT QUANTITY CONSTRUCTED), AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	40950	\$1.61	\$65,929.50	\$1.58	\$64,701.00	\$1.00	\$40,950.00

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 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 87  
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 JANUARY 9, 2024  
 LJA ENGINEERING, INC.  
 P.CHATTERJEE  
 JANUARY 10, 2024  
 1931-8111 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) NORTHTEX CONSTRUCTION, LLC		5) HURTADO CONSTRUCTION COMPANY		6) R CONSTRUCTION CIVIL, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
11	CLAY FILL FOR LAKE D LINER, MATERIAL TO BE OBTAINED WITHIN LIMITS OF LAKE BOTTOM, (FILLING IN A MAXIMUM 8" LIFTS UNTIL 2' THICK (MIN.), AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, (CONTRACTOR WILL ONLY BE PAID EXACT QUANTITY CONSTRUCTED), AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	2735	\$1.61	\$4,403.35	\$1.68	\$4,594.80	\$1.00	\$2,735.00
12	WATERING CLAY LINER TO ENSURE THAT LINER MAINTAINS MOISTURE REQUIREMENTS AS DICTATED IN SPECS, INCLUDES WATERING TRUCK, TEMPORARY IRRIGATION SYSTEM, OR ANY MEANS NECESSARY TO KEEP CLAY MOIST, COMPLETE IN PLACE	DAY	10	\$853.36	\$8,533.60	\$218.00	\$2,180.00	\$1,200.00	\$12,000.00
13	CLEARING AND GRUBBING, OF PROPOSED FILL AREAS - MATERIAL TO BE HAULED OFFSITE (INCLUDES REMOVAL OF TREES, ROOT RAKING, BACK DRAGGING, AND TRANSPORTING), TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	AC	220	\$3,006.98	\$661,535.60	\$1,880.00	\$413,600.00	\$6,100.00	\$1,342,000.00
14	REMOVAL AND DISPOSAL OF EXISTING ABOVE GROUND STRUCTURES, INCLUDES BUT NOT LIMITED TO REMOVAL OF CONCRETE SLABS, GAS TANKS, WATER HEATERS, POWER POLES, OVERHEAD ELECTRICAL WIRING, AND ALL APPURTENANCES (INCLUDES DISPOSAL OUTSIDE THE DEVELOPMENT TO A LOCATION CONTRACTOR HAS AUTHORIZATION TO DUMP), COMPLETE IN PLACE	LS	1	\$11,241.04	\$11,241.04	\$18,000.00	\$18,000.00	\$9,200.00	\$9,200.00
15	6'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	783	\$650.60	\$509,419.80	\$688.00	\$538,704.00	\$595.00	\$465,885.00
16	60-INCH RCP, ASTM C-76, CLASS III, ALL DEPTHS, (INCLUDING BEDDING AND BACKFILL), COMPLETE IN PLACE	LF	588	\$396.45	\$233,112.60	\$428.00	\$251,664.00	\$380.00	\$223,440.00
17	54-INCH RCP, ASTM C-76, CLASS III, ALL DEPTHS, (INCLUDING BEDDING AND BACKFILL), COMPLETE IN PLACE	LF	112	\$355.81	\$39,850.72	\$338.00	\$37,856.00	\$325.00	\$36,400.00
18	48-INCH RCP, ASTM C-76, CLASS III, ALL DEPTHS, (INCLUDING BEDDING AND BACKFILL), COMPLETE IN PLACE	LF	578	\$240.14	\$138,800.92	\$288.00	\$166,464.00	\$225.00	\$130,050.00
19	5" CONCRETE SLOPE PAVING WITH 2' MINIMUM TOE WALLS ALL AROUND, 2' CLAY LINER BELOW ALL SLOPE PAVING, AND EXPANSION JOINTS, COMPLETE IN PLACE	SY	1300	\$147.96	\$192,348.00	\$133.38	\$173,394.00	\$112.00	\$145,600.00
20	TYPE "C" MANHOLE TOP ON PROPOSED RCB, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$3,389.10	\$10,167.30	\$3,800.00	\$11,400.00	\$3,000.00	\$9,000.00
21	TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$4,013.83	\$24,082.98	\$5,800.00	\$34,800.00	\$8,400.00	\$50,400.00
22	REINFORCED CONCRETE TYPE "E" INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$2,868.94	\$8,606.82	\$5,988.00	\$17,964.00	\$6,200.00	\$18,600.00
23	FLAP GATE ON 48" STORM SEWER, PER PLANS AND DETAILS, INCLUDES ALL NECESSARY FITTINGS AND APPURTENANCES, COMPLETE IN PLACE	EA	2	\$18,975.93	\$37,951.86	\$17,308.00	\$34,616.00	\$19,000.00	\$38,000.00
24	FLAP GATE ON 54" STORM SEWER, PER PLANS AND DETAILS, INCLUDES ALL NECESSARY FITTINGS AND APPURTENANCES, COMPLETE IN PLACE	EA	1	\$20,362.10	\$20,362.10	\$23,000.00	\$23,000.00	\$24,000.00	\$24,000.00
25	BORE AND JACK OR TUNNEL FOR 6'X4' BOX CULVERT, (EXCLUDES BOX), INCLUDES BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	210	\$629.87	\$132,272.70	\$718.00	\$150,780.00	\$1,235.00	\$259,350.00
26	STORM SEWER UTILITY SPOIL TO BE USED FOR FILL IN PROPOSED FILL AREAS, INCLUDES EXCAVATION, HAULING, PLACING AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	4900	\$1.80	\$8,820.00	\$3.88	\$19,012.00	\$2.00	\$9,800.00



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 P.CHATTERJEE  
 JANUARY 10, 2024  
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ITEM	DESCRIPTION	UNIT	QTY	4) NORTHTEX CONSTRUCTION, LLC		5) HURTADO CONSTRUCTION COMPANY		6) R CONSTRUCTION CIVIL, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
27	BACKSLOPE DRAIN INTERCEPTOR STRUCTURES, PER THE BDD4 DETAIL IN THE CONSTRUCTION PLANS, MATERIAL TO BE H.D.P.E., INCLUDING ALL PIPES, SLOPE PAVING WITH REINFORCING STEEL AT INFLOW AND OUTFLOW, RIP RAP, NECESSARY ADAPTORS, JOINTS AND FITTINGS, ETC., SPOILS TO BE HAULED, PLACED, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS IN FILL AREAS, TO BE APPROVED BY ENGINEER, COMPLETE IN PLACE	EA	37	\$12,704.84	\$470,079.08	\$9,800.00	\$362,600.00	\$13,500.00	\$499,500.00
28	INTERCEPTOR SWALES, INCLUDES EXCAVATION AND GRADING, AND PLACEMENT OF MATERIAL AS PER PLANS, COMPLETE IN PLACE	LF	19047	\$2.95	\$56,188.65	\$2.58	\$49,141.26	\$3.00	\$57,141.00
29	V-BOTTOM SWALES TO PROMOTE DRAINAGE WITH 4:1 S.S., LOCATED INSIDE PROPOSED PHASE 2 FILL AREA, COMPLETE IN PLACE	LF	17992	\$4.03	\$72,507.76	\$1.28	\$23,029.76	\$3.00	\$53,976.00
30	SOD FOR EROSION CONTROL AROUND BACKSLOPE DRAIN INTERCEPTOR STRUCTURES AND MISCELLANEOUS AREAS, TO BE USED AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	333	\$5.62	\$1,871.46	\$7.08	\$2,357.64	\$5.00	\$1,665.00
31	DEWATERING PER LF OF PIPE (NO SEPARATE PAY FOR DOUBLE ROW IF NEEDED), (ALL DEPTHS, THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2062	\$20.00	\$41,240.00	\$20.00	\$41,240.00	\$20.00	\$41,240.00
32	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	20	\$9,931.72	\$198,634.40	\$4,850.00	\$97,000.00	\$11,500.00	\$230,000.00
33	ADDITIONAL PUMPING, AS NEEDED AND ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	DAY	15	\$1,070.76	\$16,061.40	\$200.00	\$3,000.00	\$2,500.00	\$37,500.00
34	DEMUCK, SCARIFY, AND FILL EXISTING PONDS IN FUTURE CALDWELL LAKES SECTION 1 AND 2, COMPLETE IN PLACE	LS	1	\$26,971.96	\$26,971.96	\$32,500.00	\$32,500.00	\$17,800.00	\$17,800.00
35	REBUILD EXISTING SIDE SLOPES AND DITCH HIGHBANK ADJACENT TO FUTURE WASTEWATER TREATMENT PLANT TO EXISTING OR BETTER CONDITIONS, REGRADE DITCH PER GRADING PLAN AS NECESSARY TO PROMOTE DRAINAGE, COMPLETE IN PLACE	LF	2300	\$8.27	\$19,021.00	\$4.00	\$9,200.00	\$3.50	\$8,050.00
36	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1852	\$0.58	\$1,074.16	\$1.00	\$1,852.00	\$1.00	\$1,852.00
<b>DETENTION AND DRAINAGE ITEMS SUBTOTAL:</b>					<b>\$7,595,445.31</b>		<b>\$8,066,315.16</b>		<b>\$9,697,504.75</b>
<b>MISCELLANEOUS AND GRADING IMPROVEMENT 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	\$42,500.00	\$42,500.00	\$42,500.00	\$42,500.00	\$42,500.00	\$42,500.00
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	\$28,000.00	\$28,000.00	\$28,000.00	\$28,000.00	\$28,000.00	\$28,000.00
3	ADDITIONAL CEMENT STABILIZED SAND (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	500	\$20.00	\$10,000.00	\$20.00	\$10,000.00	\$20.00	\$10,000.00
4	TEMPORARY COFFER DAM ALONG LOCATIONS WHERE INSTALLING CULVERTS AND/OR ESTABLISHING POND HIGH BANK, INCLUDES PUMPING, INSTALLATION AND REMOVAL UPON COMPLETION, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$18,810.39	\$18,810.39	\$3,500.00	\$3,500.00	\$10,000.00	\$10,000.00
5	ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	400	\$20.00	\$8,000.00	\$20.00	\$8,000.00	\$20.00	\$8,000.00

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ITEM	DESCRIPTION	UNIT	QTY	4) NORTHTEX CONSTRUCTION, LLC		5) HURTADO CONSTRUCTION COMPANY		6) R CONSTRUCTION CIVIL, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6	MISCELLANEOUS SWALES TO PROMOTE POSITIVE DRAINAGE, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	500	\$2.95	\$1,475.00	\$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	74	\$2,641.64	\$195,481.36	\$2,488.00	\$184,112.00	\$1,500.00	\$111,000.00
8	BROADCAST SEEDING OF FILL AREA, AT LEAST 80% TURF ESTABLISHMENT REQUIRED, COMPLETE IN PLACE	AC	138	\$1,011.69	\$139,613.22	\$208.00	\$28,704.00	\$550.00	\$75,900.00
9	STORMWATER POLLUTION PREVENTION PLAN, COMPLETE IN PLACE	LS	1	\$4,496.41	\$4,496.41	\$800.00	\$800.00	\$1,100.00	\$1,100.00
10	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE WASHOUT, COMPLETE IN PLACE	EA	2	\$2,000.26	\$4,000.52	\$508.00	\$1,016.00	\$500.00	\$1,000.00
11	INSTALLATION, MAINTENANCE, AND REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, INCLUDES INSTALLATION AND REMOVAL, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	2	\$3,981.39	\$7,962.78	\$2,008.00	\$4,016.00	\$1,500.00	\$3,000.00
12	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	35640	\$2.25	\$80,190.00	\$0.01	\$356.40	\$1.00	\$35,640.00
13	OVER EXCAVATION AND UNDERCUTTING OF UNSUITABLE MATERIAL, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	15000	\$1.94	\$29,100.00	\$1.08	\$16,200.00	\$3.40	\$51,000.00
14	ADDITIONAL CLEARING AND GRUBBING, MATERIAL TO BE HAULED OFFSITE (INCLUDES REMOVAL OF TREES, ROOT RAKING, BACK DRAGGING, AND TRANSPORTING), TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	AC	5	\$3,006.98	\$15,034.90	\$2,000.00	\$10,000.00	\$8,500.00	\$42,500.00
15	PERMIT FEE AS REQUIRED BY CITY OF IOWA COLONY, COMPLETE IN PLACE	LS	1	\$73,066.72	\$73,066.72	\$83,860.28	\$83,860.28	\$150,000.00	\$150,000.00
<b>MISCELLANEOUS AND GRADING IMPROVEMENT ITEMS SUBTOTAL:</b>					<b>\$657,731.30</b>		<b>\$422,564.68</b>		<b>\$571,140.00</b>
<b>ALTERNATE DETENTION BID NO.1 ITEMS</b>									
1	ADDITIONAL COST TO ACHIEVE SUBSTANTIAL COMPLETION OF PRIORITY FILL AREA 'FUTURE CALDWELL LAKES SECTION 1' WITHIN 75 CALENDAR DAYS AFTER GIVEN NOTICE TO PROCEED, ONLY INCLUDES UNIFORM SPREADING, GRADING, AND COMPACTING TO 95% STANDARD PROCTOR DENSITY (ASTM D698) OF FILL MATERIAL, COMPLETE IN PLACE	LS	1	\$44,964.14	\$44,964.14	\$128,000.00	\$128,000.00	\$100,000.00	\$100,000.00
<b>ALTERNATE DETENTION BID NO.1 ITEMS SUBTOTAL:</b>					<b>\$44,964.14</b>		<b>\$128,000.00</b>		<b>\$100,000.00</b>
<b>ALTERNATE BID NO. 2 ITEMS</b>									
1	EXCAVATION, TO INCLUDE SITE PREPARATION, PROOF ROLLING OF FILL AREAS, HAULING, STRIPPING, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY (ASTM D698) OF LAKE A, 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 DETENTION & DRAINAGE ITEM NO. 1, COMPLETE IN PLACE	CY	372180	\$15.00	\$5,582,700.00	\$20.00	\$7,443,600.00	\$20.00	\$7,443,600.00
2	EXCAVATION, TO INCLUDE SITE PREPARATION, PROOF ROLLING OF FILL AREAS, HAULING, STRIPPING, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY (ASTM D698) OF LAKE B, 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 DETENTION & DRAINAGE ITEM NO. 2, COMPLETE IN PLACE	CY	429210	\$15.00	\$6,438,150.00	\$20.00	\$8,584,200.00	\$20.00	\$8,584,200.00

**BID TABULATION FOR:**

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CONSTRUCTION OF DETENTION AND GRADING PHASE 3  
 TO SERVE BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 87  
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 87  
 CITY OF IOWA COLONY, BRAZORIA COUNTY, TEXAS  
 JANUARY 9, 2024  
 LJA ENGINEERING, INC.  
 P.CHATTERJEE  
 JANUARY 10, 2024  
 1931-8111 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) NORTHTEX CONSTRUCTION, LLC		5) HURTADO CONSTRUCTION COMPANY		6) R CONSTRUCTION CIVIL, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
3	EXCAVATION, TO INCLUDE SITE PREPARATION, PROOF ROLLING OF FILL AREAS, HAULING, STRIPPING, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY (ASTM D698) OF LAKE C, 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 DETENTION & DRAINAGE ITEM NO. 3, COMPLETE IN PLACE	CY	276385	\$15.00	\$4,145,775.00	\$20.00	\$5,527,700.00	\$20.00	\$5,527,700.00
4	EXCAVATION, TO INCLUDE SITE PREPARATION, PROOF ROLLING OF FILL AREAS, HAULING, STRIPPING, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY (ASTM D698) 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 DETENTION & DRAINAGE ITEM NO. 4, COMPLETE IN PLACE	CY	24290	\$15.00	\$364,350.00	\$20.00	\$485,800.00	\$20.00	\$485,800.00
<b>ALTERNATE BID NO. 2 ITEMS SUBTOTAL:</b>					<b>\$16,530,975.00</b>		<b>\$22,041,300.00</b>		<b>\$22,041,300.00</b>
<b><u>BIDDING SUMMARY</u></b>									
SUBTOTAL DETENTION AND DRAINAGE ITEMS					\$7,595,445.31		\$8,066,315.16		\$9,697,504.75
SUBTOTAL MISCELLANEOUS AND GRADING IMPROVEMENT ITEMS					\$657,731.30		\$422,564.68		\$571,140.00
<b>TOTAL AMOUNT BASE BID</b>					<b>\$8,253,176.61</b>		<b>\$8,488,879.84</b>		<b>\$10,268,644.75</b>
<b><u>ALTERNATE DETENTION BID NO.1 ITEMS</u></b>									
TOTAL AMOUNT BASE BID					\$8,253,176.61		\$8,488,879.84		\$10,268,644.75
SUBTOTAL ALTERNATE DETENTION BID NO.1 ITEMS					\$44,964.14		\$128,000.00		\$100,000.00
<b>TOTAL AMOUNT INCLUDING ALTERNATE DETENTION BID NO.1 ITEMS</b>					<b>\$8,298,140.75</b>		<b>\$8,616,879.84</b>		<b>\$10,368,644.75</b>
<b><u>ALTERNATE BID NO. 2 ITEMS</u></b>									
TOTAL AMOUNT BASE BID					\$8,253,176.61		\$8,488,879.84		\$10,268,644.75
DEDUCT DETENTION AND DRAINAGE ITEMS ITEM NO.1					-\$1,280,299.20		-\$2,076,764.40		-\$1,786,464.00
DEDUCT DETENTION AND DRAINAGE ITEMS ITEM NO.2					-\$1,476,482.40		-\$1,794,097.80		-\$1,952,905.50
DEDUCT DETENTION AND DRAINAGE ITEMS ITEM NO.3					-\$950,764.40		-\$906,542.80		-\$1,257,551.75
DEDUCT DETENTION AND DRAINAGE ITEMS ITEM NO.4					-\$83,557.60		-\$60,239.20		-\$110,519.50
SUBTOTAL ALTERNATE BID NO. 2 ITEMS					\$16,530,975.00		\$22,041,300.00		\$22,041,300.00
<b>TOTAL AMOUNT INCLUDING ALTERNATE BID NO. 2 ITEMS</b>					<b>\$20,993,048.01</b>		<b>\$25,692,535.64</b>		<b>\$27,202,504.00</b>

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CONSTRUCTION OF DETENTION AND GRADING PHASE 3  
 TO SERVE BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 87  
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 87  
 CITY OF IOWA COLONY, BRAZORIA COUNTY, TEXAS  
 JANUARY 9, 2024  
 LJA ENGINEERING, INC.  
 P.CHATTERJEE  
 JANUARY 10, 2024  
 1931-8111 (9.2)

7) TEXAN DIRT, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
<b>DETENTION AND DRAINAGE ITEMS</b>					
1	EXCAVATION, TO INCLUDE SITE PREPARATION, PROOF ROLLING OF FILL AREAS, HAULING, STRIPPING, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY (ASTM D698) OF LAKE A TO BE HAULED TO FILL AREAS, AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	372180	\$4.70	\$1,749,246.00
2	EXCAVATION, TO INCLUDE SITE PREPARATION, PROOF ROLLING OF FILL AREAS, HAULING, STRIPPING, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY (ASTM D698) OF LAKE B TO BE HAULED TO FILL AREAS, AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	429210	\$4.70	\$2,017,287.00
3	EXCAVATION, TO INCLUDE SITE PREPARATION, PROOF ROLLING OF FILL AREAS, HAULING, STRIPPING, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY (ASTM D698) OF LAKE C TO BE HAULED TO FILL AREAS, AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	276385	\$3.85	\$1,064,082.25
4	EXCAVATION, TO INCLUDE SITE PREPARATION, PROOF ROLLING OF FILL AREAS, HAULING, STRIPPING, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY (ASTM D698) OF LAKE D TO BE HAULED TO FILL AREAS, AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	24290	\$3.30	\$80,157.00
5	SPREAD AND COMPACT EXISTING STOCKPILE AT LOCATIONS DESIGNATED ON THE GRADING PLAN AND AS DIRECTED BY ENGINEER. INCLUDES PROOF ROLLING OF FILL AREAS, DEMUCKING, INTERIM DRAINAGE (INCLUDING CUTTING SWALES TO PROVIDE POSITIVE INTERIM DRAINAGE), HAULING, STRIPPING, AND UNIFORM SPREADING, GRADING, AND COMPACTING TO 95% STANDARD PROCTOR DENSITY (ASTM D698) OF FILL MATERIAL, ALL AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	160000	\$3.50	\$560,000.00
6	OVER EXCAVATION OF MATERIAL UNSUITABLE FOR CLAY LINING FOR LAKE B, TO BE USED FOR PROPOSED FILL, 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	42790	\$4.70	\$201,113.00
7	OVER EXCAVATION OF MATERIAL UNSUITABLE FOR CLAY LINING FOR LAKE C, TO BE USED FOR PROPOSED FILL, 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	27300	\$3.85	\$105,105.00
8	OVER EXCAVATION OF MATERIAL UNSUITABLE FOR CLAY LINING FOR LAKE D, TO BE USED FOR PROPOSED FILL, 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	1825	\$3.30	\$6,022.50
9	CLAY FILL FOR LAKE B LINER, MATERIAL TO BE OBTAINED WITHIN LIMITS OF LAKE BOTTOM, (FILLING IN A MAXIMUM 8" LIFTS UNTIL 2' THICK (MIN.), AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, (CONTRACTOR WILL ONLY BE PAID EXACT QUANTITY CONSTRUCTED), AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	64185	\$2.00	\$128,370.00
10	CLAY FILL FOR LAKE C LINER, MATERIAL TO BE OBTAINED WITHIN LIMITS OF LAKE BOTTOM, (FILLING IN A MAXIMUM 8" LIFTS UNTIL 2' THICK (MIN.), AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, (CONTRACTOR WILL ONLY BE PAID EXACT QUANTITY CONSTRUCTED), AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	40950	\$2.00	\$81,900.00

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CONSTRUCTION OF DETENTION AND GRADING PHASE 3  
 TO SERVE BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 87  
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 87  
 CITY OF IOWA COLONY, BRAZORIA COUNTY, TEXAS  
 JANUARY 9, 2024  
 LJA ENGINEERING, INC.  
 P.CHATTERJEE  
 JANUARY 10, 2024  
 1931-8111 (9.2)

7) TEXAN DIRT, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
11	CLAY FILL FOR LAKE D LINER, MATERIAL TO BE OBTAINED WITHIN LIMITS OF LAKE BOTTOM, (FILLING IN A MAXIMUM 8" LIFTS UNTIL 2' THICK (MIN.), AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, (CONTRACTOR WILL ONLY BE PAID EXACT QUANTITY CONSTRUCTED), AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	2735	\$2.00	\$5,470.00
12	WATERING CLAY LINER TO ENSURE THAT LINER MAINTAINS MOISTURE REQUIREMENTS AS DICTATED IN SPECS, INCLUDES WATERING TRUCK, TEMPORARY IRRIGATION SYSTEM, OR ANY MEANS NECESSARY TO KEEP CLAY MOIST, COMPLETE IN PLACE	DAY	10	\$100.00	\$1,000.00
13	CLEARING AND GRUBBING, OF PROPOSED FILL AREAS - MATERIAL TO BE HAULED OFFSITE (INCLUDES REMOVAL OF TREES, ROOT RAKING, BACK DRAGGING, AND TRANSPORTING), TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	AC	220	\$6,450.00	\$1,419,000.00
14	REMOVAL AND DISPOSAL OF EXISTING ABOVE GROUND STRUCTURES, INCLUDES BUT NOT LIMITED TO REMOVAL OF CONCRETE SLABS, GAS TANKS, WATER HEATERS, POWER POLES, OVERHEAD ELECTRICAL WIRING, AND ALL APPURTENANCES (INCLUDES DISPOSAL OUTSIDE THE DEVELOPMENT TO A LOCATION CONTRACTOR HAS AUTHORIZATION TO DUMP), COMPLETE IN PLACE	LS	1	\$20,000.00	\$20,000.00
15	6'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	783	\$678.00	\$530,874.00
16	60-INCH RCP, ASTM C-76, CLASS III, ALL DEPTHS, (INCLUDING BEDDING AND BACKFILL), COMPLETE IN PLACE	LF	588	\$450.00	\$264,600.00
17	54-INCH RCP, ASTM C-76, CLASS III, ALL DEPTHS, (INCLUDING BEDDING AND BACKFILL), COMPLETE IN PLACE	LF	112	\$391.00	\$43,792.00
18	48-INCH RCP, ASTM C-76, CLASS III, ALL DEPTHS, (INCLUDING BEDDING AND BACKFILL), COMPLETE IN PLACE	LF	578	\$269.00	\$155,482.00
19	5" CONCRETE SLOPE PAVING WITH 2' MINIMUM TOE WALLS ALL AROUND, 2' CLAY LINER BELOW ALL SLOPE PAVING, AND EXPANSION JOINTS, COMPLETE IN PLACE	SY	1300	\$135.00	\$175,500.00
20	TYPE "C" MANHOLE TOP ON PROPOSED RCB, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$4,430.00	\$13,290.00
21	TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$11,735.00	\$70,410.00
22	REINFORCED CONCRETE TYPE "E" INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$10,434.00	\$31,302.00
23	FLAP GATE ON 48" STORM SEWER, PER PLANS AND DETAILS, INCLUDES ALL NECESSARY FITTINGS AND APPURTENANCES, COMPLETE IN PLACE	EA	2	\$37,750.00	\$75,500.00
24	FLAP GATE ON 54" STORM SEWER, PER PLANS AND DETAILS, INCLUDES ALL NECESSARY FITTINGS AND APPURTENANCES, COMPLETE IN PLACE	EA	1	\$48,757.00	\$48,757.00
25	BORE AND JACK OR TUNNEL FOR 6'X4' BOX CULVERT, (EXCLUDES BOX), INCLUDES BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	210	\$1,171.00	\$245,910.00
26	STORM SEWER UTILITY SPOIL TO BE USED FOR FILL IN PROPOSED FILL AREAS, INCLUDES EXCAVATION, HAULING, PLACING AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	4900	\$3.00	\$14,700.00

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CONSTRUCTION OF DETENTION AND GRADING PHASE 3  
TO SERVE BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 87  
BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 87  
CITY OF IOWA COLONY, BRAZORIA COUNTY, TEXAS  
JANUARY 9, 2024  
LJA ENGINEERING, INC.  
P.CHATTERJEE  
JANUARY 10, 2024  
1931-8111 (9.2)

## 7) TEXAN DIRT, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
27	BACKSLOPE DRAIN INTERCEPTOR STRUCTURES, PER THE BDD4 DETAIL IN THE CONSTRUCTION PLANS, MATERIAL TO BE H.D.P.E., INCLUDING ALL PIPES, SLOPE PAVING WITH REINFORCING STEEL AT INFLOW AND OUTFLOW, RIP RAP, NECESSARY ADAPTORS, JOINTS AND FITTINGS, ETC., SPOILS TO BE HAULED, PLACED, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS IN FILL AREAS, TO BE APPROVED BY ENGINEER, COMPLETE IN PLACE	EA	37	\$9,800.00	\$362,600.00
28	INTERCEPTOR SWALES, INCLUDES EXCAVATION AND GRADING, AND PLACEMENT OF MATERIAL AS PER PLANS, COMPLETE IN PLACE	LF	19047	\$3.00	\$57,141.00
29	V-BOTTOM SWALES TO PROMOTE DRAINAGE WITH 4:1 S.S., LOCATED INSIDE PROPOSED PHASE 2 FILL AREA, COMPLETE IN PLACE	LF	17992	\$3.00	\$53,976.00
30	SOD FOR EROSION CONTROL AROUND BACKSLOPE DRAIN INTERCEPTOR STRUCTURES AND MISCELLANEOUS AREAS, TO BE USED AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	SY	333	\$10.00	\$3,330.00
31	DEWATERING PER LF OF PIPE (NO SEPARATE PAY FOR DOUBLE ROW IF NEEDED), (ALL DEPTHS, THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	2062	\$20.00	\$41,240.00
32	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	20	\$11,500.00	\$230,000.00
33	ADDITIONAL PUMPING, AS NEEDED AND ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	DAY	15	\$300.00	\$4,500.00
34	DEMUCK, SCARIFY, AND FILL EXISTING PONDS IN FUTURE CALDWELL LAKES SECTION 1 AND 2, COMPLETE IN PLACE	LS	1	\$30,000.00	\$30,000.00
35	REBUILD EXISTING SIDE SLOPES AND DITCH HIGHBANK ADJACENT TO FUTURE WASTEWATER TREATMENT PLANT TO EXISTING OR BETTER CONDITIONS, REGRADE DITCH PER GRADING PLAN AS NECESSARY TO PROMOTE DRAINAGE, COMPLETE IN PLACE	LF	2300	\$4.00	\$9,200.00
36	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1852	\$3.00	\$5,556.00

**DETENTION AND DRAINAGE ITEMS SUBTOTAL:****\$9,906,412.75****MISCELLANEOUS AND GRADING IMPROVEMENT ITEMS**

1	METHOD "A" CONSTRUCTION STAKING AS PER GBI PARTNERS, L.P. (CONTACT JON BORDOVSKY AT 281.499.4539), COMPLETE IN PLACE	LS	1	\$45,000.00	\$45,000.00
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	\$30,000.00	\$30,000.00
3	ADDITIONAL CEMENT STABILIZED SAND (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	500	\$20.00	\$10,000.00
4	TEMPORARY COFFER DAM ALONG LOCATIONS WHERE INSTALLING CULVERTS AND/OR ESTABLISHING POND HIGH BANK, INCLUDES PUMPING, INSTALLATION AND REMOVAL UPON COMPLETION, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$6,000.00	\$6,000.00
5	ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	400	\$20.00	\$8,000.00

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CONSTRUCTION OF DETENTION AND GRADING PHASE 3  
TO SERVE BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 87  
BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 87  
CITY OF IOWA COLONY, BRAZORIA COUNTY, TEXAS  
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LJA ENGINEERING, INC.  
P.CHATTERJEE  
JANUARY 10, 2024  
1931-8111 (9.2)

## 7) TEXAN DIRT, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
6	MISCELLANEOUS SWALES TO PROMOTE POSITIVE DRAINAGE, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	500	\$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	74	\$2,350.00	\$173,900.00
8	BROADCAST SEEDING OF FILL AREA, AT LEAST 80% TURF ESTABLISHMENT REQUIRED, COMPLETE IN PLACE	AC	138	\$450.00	\$62,100.00
9	STORMWATER POLLUTION PREVENTION PLAN, COMPLETE IN PLACE	LS	1	\$1,800.00	\$1,800.00
10	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE WASHOUT, COMPLETE IN PLACE	EA	2	\$100.00	\$200.00
11	INSTALLATION, MAINTENANCE, AND REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, INCLUDES INSTALLATION AND REMOVAL, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	2	\$2,500.00	\$5,000.00
12	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	35640	\$1.50	\$53,460.00
13	OVER EXCAVATION AND UNDERCUTTING OF UNSUITABLE MATERIAL, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	15000	\$2.00	\$30,000.00
14	ADDITIONAL CLEARING AND GRUBBING, MATERIAL TO BE HAULED OFFSITE (INCLUDES REMOVAL OF TREES, ROOT RAKING, BACK DRAGGING, AND TRANSPORTING), TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	AC	5	\$9,000.00	\$45,000.00
15	PERMIT FEE AS REQUIRED BY CITY OF IOWA COLONY, COMPLETE IN PLACE	LS	1	\$15,000.25	\$15,000.25

**MISCELLANEOUS AND GRADING IMPROVEMENT ITEMS SUBTOTAL:****\$486,960.25****ALTERNATE DETENTION BID NO.1 ITEMS**

1	ADDITIONAL COST TO ACHIEVE SUBSTANTIAL COMPLETION OF PRIORITY FILL AREA 'FUTURE CALDWELL LAKES SECTION 1' WITHIN 75 CALENDAR DAYS AFTER GIVEN NOTICE TO PROCEED, ONLY INCLUDES UNIFORM SPREADING, GRADING, AND COMPACTING TO 95% STANDARD PROCTOR DENSITY (ASTM D698) OF FILL MATERIAL, COMPLETE IN PLACE	LS	1	\$50,000.00	\$50,000.00
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**ALTERNATE DETENTION BID NO.1 ITEMS SUBTOTAL:****\$50,000.00****ALTERNATE BID NO. 2 ITEMS**

1	EXCAVATION, TO INCLUDE SITE PREPARATION, PROOF ROLLING OF FILL AREAS, HAULING, STRIPPING, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY (ASTM D698) OF LAKE A, 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 DETENTION & DRAINAGE ITEM NO. 1, COMPLETE IN PLACE	CY	372180	\$20.00	\$7,443,600.00
2	EXCAVATION, TO INCLUDE SITE PREPARATION, PROOF ROLLING OF FILL AREAS, HAULING, STRIPPING, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY (ASTM D698) OF LAKE B, 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 DETENTION & DRAINAGE ITEM NO. 2, COMPLETE IN PLACE	CY	429210	\$20.00	\$8,584,200.00

BID TABULATION FOR:

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

CONSTRUCTION OF DETENTION AND GRADING PHASE 3  
TO SERVE BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 87  
BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 87  
CITY OF IOWA COLONY, BRAZORIA COUNTY, TEXAS  
JANUARY 9, 2024  
LJA ENGINEERING, INC.  
P.CHATTERJEE  
JANUARY 10, 2024  
1931-8111 (9.2)

7) TEXAN DIRT, LLC					
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
3	EXCAVATION, TO INCLUDE SITE PREPARATION, PROOF ROLLING OF FILL AREAS, HAULING, STRIPPING, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY (ASTM D698) OF LAKE C, 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 DETENTION & DRAINAGE ITEM NO. 3, COMPLETE IN PLACE	CY	276385	\$20.00	\$5,527,700.00
4	EXCAVATION, TO INCLUDE SITE PREPARATION, PROOF ROLLING OF FILL AREAS, HAULING, STRIPPING, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY (ASTM D698) 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 DETENTION & DRAINAGE ITEM NO. 4, COMPLETE IN PLACE	CY	24290	\$20.00	\$485,800.00

ALTERNATE BID NO. 2 ITEMS SUBTOTAL: \$22,041,300.00

BIDDING SUMMARY

SUBTOTAL DETENTION AND DRAINAGE ITEMS \$9,906,412.75  
SUBTOTAL MISCELLANEOUS AND GRADING IMPROVEMENT ITEMS \$486,960.25  
TOTAL AMOUNT BASE BID \$10,393,373.00

ALTERNATE DETENTION BID NO.1 ITEMS

TOTAL AMOUNT BASE BID \$10,393,373.00  
SUBTOTAL ALTERNATE DETENTION BID NO.1 ITEMS \$50,000.00  
TOTAL AMOUNT INCLUDING ALTERNATE DETENTION BID NO.1 ITEMS \$10,443,373.00

ALTERNATE BID NO. 2 ITEMS

TOTAL AMOUNT BASE BID \$10,393,373.00  
DEDUCT DETENTION AND DRAINAGE ITEMS ITEM NO.1 -\$1,749,246.00  
DEDUCT DETENTION AND DRAINAGE ITEMS ITEM NO.2 -\$2,017,287.00  
DEDUCT DETENTION AND DRAINAGE ITEMS ITEM NO.3 -\$1,064,082.25  
DEDUCT DETENTION AND DRAINAGE ITEMS ITEM NO.4 -\$80,157.00  
SUBTOTAL ALTERNATE BID NO. 2 ITEMS \$22,041,300.00  
TOTAL AMOUNT INCLUDING ALTERNATE BID NO. 2 ITEMS \$27,523,900.75