

BID TABULATION FOR:

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

CONSTRUCTION OF THE PHASE 1 DETENTION AND DRAINAGE FACILITIES
TO SERVE DEL BELLO LAKES
BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 43
CITY OF MANVEL, FORT BEND COUNTY, TEXAS
MARCH 19, 2019
LJA ENGINEERING, INC.
P.CHATTERJEE
MARCH 20, 2019
2197-1812 (9.2)

BIDDER'S NAME	TOTAL BID AMOUNT	TOTAL BID INCL. ALTERNATE
1) SONORA SWOM CO. DBA SONORA CONST.	\$3,456,327.00	\$8,377,159.00
2) LONGHORN EXCAVATORS, INC.	\$3,496,157.85	\$9,591,546.45
3) PASKEY INCORPORATED	\$3,699,037.00	\$9,933,798.30
4) R & T ELLIS EXCAVATING, INC.	\$4,162,893.00	\$9,005,143.00
5) LINDSEY CONSTRUCTION, INC.	\$4,645,436.00	\$11,398,236.50

CALENDAR DAYS - 180/195

Robert Booth

3/25/2019

Robert Booth
I, Robert Booth, P.E. hereby certify these bid tabulations to be true and correct.

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ITEM	DESCRIPTION	UNIT	QTY	1) SONORA SWOM CO. DBA SONORA CONST.		2) LONGHORN EXCAVATORS, INC.		3) PASKEY INCORPORATED	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
DETENTION AND DRAINAGE ITEMS									
1.	EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF DETENTION PORTION OF LAKE D, AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	89,040	\$2.75	\$244,860.00	\$3.09	\$275,133.60	\$2.43	\$218,367.20
2.	EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF DETENTION PORTION OF LAKE E, AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	79,430	\$2.75	\$218,432.50	\$3.09	\$245,438.70	\$2.43	\$193,014.90
3.	EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF DETENTION PORTION OF LAKE F, AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	20,200	\$2.75	\$55,550.00	\$3.09	\$62,418.00	\$2.43	\$49,086.00
4.	EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF AMENITY PORTION OF LAKE D, AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	62,580	\$2.75	\$172,095.00	\$3.09	\$193,372.20	\$2.43	\$152,069.40
5.	EXCAVATION, HAULING, STRIPPING, PLACEMENT SPREADING AND COMPACTION OF AMENITY PORTION OF LAKE E, AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	65,620	\$2.75	\$180,455.00	\$3.09	\$202,765.80	\$2.43	\$159,456.60
6.	EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF AMENITY PORTION OF LAKE F, AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	17,510	\$2.75	\$48,152.50	\$3.09	\$54,105.90	\$2.43	\$42,549.30
7.	EXCAVATION, HAULING, STRIPPING, PUMPING, PLACEMENT AND COMPACTION OF COOPER DITCH EXPANSION, AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	71,530	\$4.10	\$293,273.00	\$3.24	\$231,757.20	\$5.12	\$366,233.60
8.	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	23	\$2,000.00	\$46,000.00	\$1,500.00	\$34,500.00	\$2,553.59	\$58,732.57
9.	HYDRO-MULCH SEEDING OF LAKES & CHANNELS MAINTENANCE BERMS AND SIDE SLOPES, AT LEAST 90% TURF ESTABLISHMENT REQUIRED, COMPLETE IN PLACE	AC	21	\$1,550.00	\$32,550.00	\$1,920.00	\$40,320.00	\$2,029.50	\$42,619.50
10.	4' X4' PRECAST REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, ALL DEPTHS, INCLUDES NON-SHRINK GROUT ON ALL BEDDING AND BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	148	\$290.00	\$42,920.00	\$295.41	\$43,720.68	\$286.32	\$42,375.36
11.	5' X4' PRECAST REINFORCED CONCRETE BOX CULVERT, C-76 CLASS IV RCP, ALL DEPTHS, INCLUDES RUBBER GASKETS AT ALL JOINTS AND BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	474	\$350.00	\$165,900.00	\$357.54	\$169,473.96	\$338.69	\$160,539.06
12.	6'X6' PRECAST REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, ALL DEPTHS, INCLUDES NON-SHRINK GROUT ON ALL JOINTS AND BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	976	\$480.00	\$468,480.00	\$483.96	\$472,344.96	\$490.07	\$478,308.32
13.	5' REINFORCED CONCRETE SLOPE PAVING, INCLUDES TOE WALL ON ALL SIDES, (MEASURED IN PLAN VIEW), COMPLETE IN PLACE	SY	560	\$90.00	\$50,400.00	\$82.86	\$46,401.60	\$75.36	\$42,201.60
14.	6' REINFORCED CONCRETE SLOPE PAVING, INCLUDES TOE WALL ON ALL SIDES, (MEASURED IN PLAN VIEW), COMPLETE IN PLACE	SY	235	\$100.00	\$23,500.00	\$94.41	\$22,188.35	\$93.48	\$21,967.80
15.	RIP RAP (18" THICKNESS) GRADATION NO. 1, INCLUDING GEOTEXTILE FABRIC, ("MIRAFI-600" OR APPROVED EQUAL), FOR DRAINAGE SWALE OUTFALLS AND COPPER DITCH, COMPLETE IN PLACE	SY	1,715	\$70.00	\$120,050.00	\$92.10	\$157,951.50	\$70.66	\$121,181.90
16.	6'X6' R.C.B. 14 DEGREE CULVERT BEND WITH TYPE "C" MH TOP, COMPLETE IN PLACE	EA	2	\$2,700.00	\$5,400.00	\$2,730.00	\$5,460.00	\$7,680.84	\$15,361.68
17.	CAST IN PLACE JUNCTION BOX WITH TYPE "C" MANHOLE TOP, ALL DEPTHS, SEE DETAIL ON SHEET 22, COMPLETE IN PLACE	EA	1	\$32,400.00	\$32,400.00	\$32,700.00	\$32,700.00	\$42,061.15	\$42,061.15
18.	MISCELLANEOUS SWALES TO PROMOTE POSITIVE DRAINAGE, TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	LF	500	\$5.00	\$2,500.00	\$3.00	\$1,500.00	\$3.13	\$1,565.00
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	3,875	\$3.00	\$11,625.00	\$3.00	\$11,625.00	\$1.93	\$7,478.75

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ITEM	DESCRIPTION	UNIT	QTY	1) SONORA SWOM CO. DBA SONORA CONST.		2) LONGHORN EXCAVATORS, INC.		3) PASKEY INCORPORATED	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
20.	ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	500	\$20.00	\$10,000.00	\$21.90	\$10,950.00	\$20.00	\$10,000.00
21.	DEWATERING FOR STORM SEWER, (ALL DEPTHS, THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1,598	\$25.00	\$39,950.00	\$27.30	\$43,825.40	\$25.00	\$39,950.00
22.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,598	\$1.00	\$1,598.00	\$1.20	\$1,917.60	\$0.03	\$47.94
SUBTOTAL DTENTION AND DRAINAGE ITEMS					\$2,266,091.00		\$2,369,668.45		\$2,263,167.63
MISCELLNEOUS ITEMS									
1.	METHOD 'A' CONSTRUCTION STAKING BY THE CONTRACTOR, COMPLETE IN PLACE	LS	1	\$11,000.00	\$11,000.00	\$30,300.00	\$30,300.00	\$34,071.00	\$34,071.00
2.	AS-BUILT SURVEY OF ALL LAKES AND FILL AREAS (CONTRACTOR'S SURVEYOR TO PROVIDE CERTIFIED TOPOGRAPHIC SURVEY, GRID SPACING SHALL BE 100' MAXIMUM, INCLUDES 3D CAD FORMAT), COMPLETE IN PLACE	LS	1	\$9,500.00	\$9,500.00	\$13,800.00	\$13,800.00	\$15,375.00	\$15,375.00
3.	CEMENT STABILIZED SAND, TO BE USED AT DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	CY	500	\$25.00	\$12,500.00	\$27.00	\$13,500.00	\$25.00	\$12,500.00
4.	REMOVE AND STOCKPILE EXISTING GRAVEL ROAD MATERIAL TO DISGNATED STOCKPILE LOCATION WITHIN DEVELOPMWNT (TO BE USED ONLY UNDER THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	SY	7,230	\$1.00	\$7,230.00	\$0.90	\$6,507.00	\$1.13	\$8,169.90
5.	REMOVE AND DISPOSE OF EXISTING BARBED WIRE FENCE AND GATES, COMPLETE IN PLACE	LF	3,890	\$3.00	\$11,670.00	\$0.90	\$3,501.00	\$1.54	\$5,990.60
6.	BARBED WIRE FENCE, COMPLETE IN PLACE	LF	3,890	\$5.00	\$19,450.00	\$4.35	\$16,921.50	\$4.81	\$17,932.90
7.	REMOVE AND DISPOSE EXISTING POWER POLES ALONG IOWA LANE, INCLUDING ALL WIRING AND APPURTENANCES, (CONTACT JARED SMITH, CENTER POINT ENERGY, 713.945.4630), COMPLETE IN PLACE	EA	20	\$1,000.00	\$20,000.00	\$873.00	\$17,460.00	\$1,476.00	\$29,520.00
8.	REMOVE AND DISPOSE OF VARIOUS EXISTING STORM PIPES THAT DRAIN INTO EXISTING SWALE ALONG IOWA LANE, S.H.288 AND EXISTING OUTFALLS INTO COOPER DITCH (AS SHOWN ON DEMOLITION PLANS), COMPLETE IN PLACE	LS	1	\$6,500.00	\$6,500.00	\$6,900.00	\$6,900.00	\$4,550.00	\$4,550.00
9.	TEMPORARY COFFER DAM ALONG COOPER DITCH, INCLUDES PUMPING, INSTALLATION AND REMOVAL UPON COMPLETION, COMPLETE IN PLACE	EA	3	\$6,000.00	\$18,000.00	\$6,900.00	\$20,700.00	\$379.00	\$1,137.00
10.	REGRADE EXISTING SIDE SLOPE OF EXISTING COOPER DTCH TO ORIGINAL CONDITIONS, COMPLETE IN PLACE	LF	500	\$6.00	\$3,000.00	\$21.00	\$10,500.00	\$3.00	\$1,500.00
11.	FILL EXISTING POND (NORTH OF LAKE 'E'), INCLUDES DRAINING OF WATER, OVER EXCAVATION OF UNSUITABLE MATERIAL AND BACK FILL TO 95% STANDARD PROCTOR DENSITY IN MAXIMUM 8" LIFTS, COMPLETE IN PLACE	LS	1	\$2,500.00	\$2,500.00	\$15,690.00	\$15,690.00	\$6,703.00	\$6,703.00
12.	INSTALLATION, MAINTENANCE AND REMOVAL OF LOW WATER CROSSING, COMPLETE IN PLACE	EA	1	\$11,000.00	\$11,000.00	\$24,900.00	\$24,900.00	\$3,713.00	\$3,713.00
13.	BROADCAST SEEDING OF FILL AREA, AT LEAST 80% TURF ESTABLISHMENT REQUIRED), COMPLETE IN PLACE	AC	103	\$300.00	\$30,900.00	\$465.00	\$47,895.00	\$99.00	\$10,197.00
SUBTOTAL MISCELLANEOUS ITEMS					\$163,250.00		\$228,574.50		\$151,369.40
RESIDENTIAL MISCELLANEOUS ITEMS									
1.	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	131	\$4,960.00	\$649,760.00	\$4,944.00	\$647,664.00	\$6,595.02	\$863,947.62
2.	REMOVE AND DISPOSE OF EXISTING BARBED WIRE, ELECTRICAL, CHAINLINK, WOODEN, AND IRON FENCE AND GATES, COMPLETE IN PLACE	LF	16,070	\$2.50	\$40,175.00	\$0.90	\$14,463.00	\$1.85	\$29,729.50

*MATHEMATICAL ERROR

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ITEM	DESCRIPTION	UNIT	QTY	1) SONORA SWOM CO. DBA SONORA CONST.		2) LONGHORN EXCAVATORS, INC.		3) PASKEY INCORPORATED	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
3.	REMOVEAL AND DISPOSAL OF EXISTING ABOVE GROUND STRUCTURES, INCLUDES BUT NOT LIMITED TO REMOVAL OF CONCRETE SLABS, GAS TANKS, WATER HEATERS, POWR 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	\$49,500.00	\$49,500.00	\$21,810.00	\$21,810.00	\$99,561.79	\$99,561.79
4.	REMOVEAL AND DISPOSAL OF EXISTING UNDER GROUND STRUCTURES, INCLUDES BUT NOT LIMITED TO REMOVAL OF EXISING POOL, SEPTIC TANK, WATER LINE SPIGOTS AND ALL APPURTENANCES, INCLUDES BACK FILL TO 95% STANDARD PROTOR DENSITY IN MAX 8' LIFTS, (INCLUDES DISPOSAL OUTSIDE THE DEVELOPMENT TO A LOCATION CONTRACTOR HAS AUTHORIZATION TO DUMP), COMPLETE IN PLACE	LS	1	\$5,000.00	\$5,000.00	\$10,920.00	\$10,920.00	\$9,973.00	\$9,973.00
5.	DEMUCK, SCARIFY, AND FILL EXISTING DRAINAGE SWALES, COMPLETE IN PLACE	LF	12,677	\$3.00	\$38,031.00	\$2.70	\$34,227.90	\$0.73	\$9,254.21
6.	CAP EXISTING WATER WELL APPROXIMATELY 5' BELOW FINISH GRADE, COMPLETE IN PLACE	EA	3	\$5,500.00	\$16,500.00	\$4,380.00	\$13,140.00	\$1,121.00	\$3,363.00
SUBTOTAL RESIDENTIAL MISCELLANEOUS ITEMS					\$798,966.00		\$742,224.90		\$1,015,829.12
COMMERCIAL MISCELLANEOUS ITEMS									
1.	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	29	\$5,830.00	\$169,070.00	\$4,260.00	\$123,540.00	\$7,620.33	\$220,989.57
2.	REMOVE AND DISPOSE OF EXISTING BARBED WIRE, ELECTRICAL, CHAINLINK, WOODEN, AND IRON FENCE AND GATES, COMPLETE IN PLACE	LF	3,380	\$4.00	\$13,520.00	\$0.90	\$3,042.00	\$1.85	\$6,253.00
3.	V-BOTTOM SWALES WITH 4:1 S.S., INCLUDES GRADING TO PROPOSED OUTFALLS AND GRADES, COMPLETE IN PLACE	LF	2,836	\$5.00	\$14,180.00	\$3.00	\$8,508.00	\$3.73	\$10,578.28
4.	DEMUCK, SCARIFY, AND FILL EXISTING DRAINAGE SWALES, COMPLETE IN PLACE	LF	1,050	\$25.00	\$26,250.00	\$25.00	\$26,250.00	\$25.00	\$26,250.00
5.	BARBED WIRE FENCE, COMPLETE IN PLACE	LF	1,000	\$5.00	\$5,000.00	\$4.35	\$4,350.00	\$4.61	\$4,610.00
SUBTOTAL COMMERCIAL MISCELLANEOUS ITEMS					\$228,020.00		\$165,690.00		\$268,680.85
ALTERNATE BID ITEMS									
1.	EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF 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	89,040	\$15.00	\$1,335,600.00	\$18.00	\$1,602,720.00	\$18.13	\$1,614,295.20
2.	EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF 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. 2, COMPLETE IN PLACE	CY	79,430	\$15.00	\$1,191,450.00	\$18.00	\$1,429,740.00	\$18.13	\$1,440,065.90
3.	EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF 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. 3, COMPLETE IN PLACE	CY	20,200	\$15.00	\$303,000.00	\$18.00	\$363,600.00	\$18.13	\$366,226.00
4.	EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF 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. 4, COMPLETE IN PLACE	CY	65,580	\$15.00	\$983,700.00	\$18.00	\$1,180,440.00	\$18.13	\$1,188,965.40

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
5.	EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF 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. 5, COMPLETE IN PLACE	CY	85,820	\$15.00	\$984,300.00	\$18.00	\$1,181,160.00	\$18.13	\$1,189,690.60
6.	EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF 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. 6, COMPLETE IN PLACE	CY	17,510	\$15.00	\$262,650.00	\$18.00	\$315,180.00	\$18.13	\$317,456.30
7.	EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF 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. 7, COMPLETE IN PLACE	CY	71,530	\$15.00	\$1,072,950.00	\$18.00	\$1,287,540.00	\$18.13	\$1,298,838.90
SUBTOTAL ALTERNATE BID ITEMS					\$6,133,650.00		\$7,360,380.00		\$7,413,538.30
BID SUMMARY									
SUBTOTAL DETENTION AND DRAINAGE ITEMS					\$2,266,091.00		\$2,359,668.45		\$2,263,167.63
SUBTOTAL MISCELLANEOUS ITEMS					\$183,250.00		\$228,574.50		\$151,359.40
SUBTOTAL RESIDENTIAL MISCELLANEOUS ITEMS					\$798,966.00		\$742,224.90		\$1,015,829.12
SUBTOTAL COMMERCIAL MISCELLANEOUS ITEMS					\$228,020.00		\$165,690.00		\$268,680.85
TOTAL AMOUNT BID					\$3,466,327.00		\$3,496,157.85		\$3,699,037.00
SUBTOTAL ALTERNATE BID ITEMS					\$6,133,650.00		\$7,360,380.00		\$7,413,538.30
TOTAL AMOUNT BID INCLUDING ALTERNATE BID					\$9,377,189.00		\$9,591,546.45		\$9,933,798.30

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
DETENTION AND DRAINAGE ITEMS							
1.	EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF DETENTION PORTION OF LAKE D, AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	89,040	\$3.25	\$289,380.00	\$3.40	\$302,736.00
2.	EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF DETENTION PORTION OF LAKE E, AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	79,430	\$3.00	\$238,290.00	\$3.40	\$270,062.00
3.	EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF DETENTION PORTION OF LAKE F, AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	20,200	\$3.00	\$60,600.00	\$3.40	\$68,680.00
4.	EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF AMENITY PORTION OF LAKE D, AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	62,580	\$3.25	\$203,385.00	\$3.40	\$212,772.00
5.	EXCAVATION, HAULING, STRIPPING, PLACEMENT SPREADING AND COMPACTION OF AMENITY PORTION OF LAKE E, AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	65,620	\$3.00	\$198,860.00	\$3.40	\$223,109.00
6.	EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF AMENITY PORTION OF LAKE F, AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	17,510	\$3.00	\$52,530.00	\$3.40	\$59,534.00
7.	EXCAVATION, HAULING, STRIPPING, PUMPING, PLACEMENT AND COMPACTION OF COOPER DITCH EXPANSION, AS INDICATED ON PLANS, COMPLETE IN PLACE	CY	71,530	\$3.50	\$250,355.00	\$9.75	\$697,417.50
8.	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	23	\$5,000.00	\$115,000.00	\$10,500.00	\$241,500.00
9.	HYDRO-MULCH SEEDING OF LAKES & CHANNELS MAINTENANCE BERMS AND SIDE SLOPES, AT LEAST 90% TURF ESTABLISHMENT REQUIRED, COMPLETE IN PLACE	AC	21	\$1,650.00	\$34,650.00	\$2,500.00	\$52,500.00
10.	4' X4' PRECAST REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, ALL DEPTHS, INCLUDES NON-SHRINK GROUT ON ALL BEDDING AND BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	148	\$435.00	\$64,380.00	\$316.00	\$46,768.00
11.	5' X4' PRECAST REINFORCED CONCRETE BOX CULVERT, C-75 CLASS IV RCP, ALL DEPTHS, INCLUDES RUBBER GASKETS AT ALL JOINTS AND BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	474	\$490.00	\$232,260.00	\$382.00	\$181,068.00
12.	6'X6' PRECAST REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, ALL DEPTHS, INCLUDES NON-SHRINK GROUT ON ALL JOINTS AND BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	976	\$775.00	\$756,400.00	\$517.00	\$504,592.00
13.	5' REINFORCED CONCRETE SLOPE PAVING, INCLUDES TOE WALL ON ALL SIDES, (MEASURED IN PLAN VIEW), COMPLETE IN PLACE	SY	560	\$75.00	\$42,000.00	\$100.00	\$56,000.00
14.	6' REINFORCED CONCRETE SLOPE PAVING, INCLUDES TOE WALL ON ALL SIDES, (MEASURED IN PLAN VIEW), COMPLETE IN PLACE	SY	235	\$100.00	\$23,500.00	\$107.00	\$25,145.00
15.	RIP RAP (18" THICKNESS) GRADATION NO. 1, INCLUDING GEOTEXTILE FABRIC, ("MIRAF-600" OR APPROVED EQUAL), FOR DRAINAGE SWALE OUTFALLS AND COPPER DITCH, COMPLETE IN PLACE	SY	1,715	\$60.00	\$102,900.00	\$90.00	\$154,350.00
16.	6'X6' R.C.B. 14 DEGREE CULVERT BEND WITH TYPE 'C' MH TOP, COMPLETE IN PLACE	EA	2	\$9,700.00	\$19,400.00	\$2,910.00	\$5,820.00
17.	CAST IN PLACE JUNCTION BOX WITH TYPE 'C' MANHOLE TOP, ALL DEPTHS, SEE DETAIL ON SHEET 22, COMPLETE IN PLACE	EA	1	\$8,500.00	\$8,500.00	\$70,000.00	\$70,000.00
18.	MISCELLANEOUS SWALES TO PROMOTE POSITIVE DRAINAGE, TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	LF	500	\$6.00	\$3,000.00	\$5.00	\$2,500.00
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	3,875	\$4.00	\$15,500.00	\$3.30	\$12,787.50

*MATHEMATICAL ERROR

BID TABULATION FOR:

CONSTRUCTION OF THE PHASE 1 DETENTION AND DRAINAGE FACILITIES
 TO SERVE DEL BELLO LAKES
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 43
 CITY OF MANVEL, FORT BEND COUNTY, TEXAS
 MARCH 19, 2019
 LJA ENGINEERING, INC.
 P.CHATTERJEE
 MARCH 20, 2019
 2197-1812 (9.2)

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

ITEM DESCRIPTION	UNIT	QTY	4) R & T ELLIS EXCAVATING, INC.		5) LINDSEY CONSTRUCTION, INC.	
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
20. ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	500	\$20.00	\$10,000.00	\$20.00	\$10,000.00
21. DEWATERING FOR STORM SEWER, (ALL DEPTHS, THIS IS AN ESTIMATED QUANTITY TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1,598	\$35.00	\$55,930.00	\$25.00	\$39,950.00
22. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,598	\$1.00	\$1,598.00	\$1.00	\$1,598.00
SUBTOTAL DTENTION AND DRAINAGE ITEMS				\$2,776,418.00		\$3,238,888.00
MISCELLNEOUS ITEMS						
1. METHOD 'A' CONSTRUCTION STAKING BY THE CONTRACTOR, COMPLETE IN PLACE	LS	1	\$5,000.00	\$5,000.00	\$11,663.00	\$11,663.00
2. AS-BUILT SURVEY OF ALL LAKES AND FILL AREAS (CONTRACTOR'S SURVEYOR TO PROVIDE CERTIFIED TOPOGRAPHIC SURVEY, GRID SPACING SHALL BE 100' MAXIMUM, INCLUDES 3D CAD FORMAT), COMPLETE IN PLACE	LS	1	\$20,000.00	\$20,000.00	\$17,500.00	\$17,500.00
3. CEMENT STABILIZED SAND, TO BE USED AT DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	CY	500	\$25.00	\$12,500.00	\$25.00	\$12,500.00
4. REMOVE AND STOCKPILE EXISTING GRAVEL ROAD MATERIAL TO DISGNATED STOCKPILE LOCATION WITHIN DEVELOPMWNT (TO BE USED ONLY UNDER THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	SY	7,230	\$4.00	\$28,920.00	\$3.50	\$25,305.00
5. REMOVE AND DISPOSE OF EXISTING BARBED WIRE FENCE AND GATES, COMPLETE IN PLACE	LF	3,690	\$2.00	\$7,780.00	\$1.15	\$4,473.50
6. BARBED WIRE FENCE, COMPLETE IN PLACE	LF	3,690	\$8.00	\$31,120.00	\$4.80	\$17,894.00
7. REMOVE AND DISPOSE EXISTING POWER POLES ALONG IOWA LANE, INCLUDING ALL WIRING AND APPURTENANCES, (CONTACT JARED SMITH, CENTER POINT ENERGY, 713.945.4630), COMPLETE IN PLACE	EA	20	\$1,500.00	\$30,000.00	\$1,750.00	\$35,000.00
8. REMOVE AND DISPOSE OF VARIOUS EXISTING STORM PIPES THAT DRAIN INTO EXISTING SWALE ALONG IOWA LANE, S.H.288 AND EXISTING OUTFALLS INTO COOPER DITCH (AS SHOWN ON DEMOLITION PLANS), COMPLETE IN PLACE	LS	1	\$6,000.00	\$6,000.00	\$9,900.00	\$9,900.00
9. TEMPORARY COFFER DAM ALONG COOPER DITCH, INCLUDES PUMPING, INSTALLATION AND REMOVAL UPON COMPLETION, COMPLETE IN PLACE	EA	3	\$7,000.00	\$21,000.00	\$8,750.00	\$28,250.00
10. REGRADE EXISTING SIDE SLOPE OF EXISTING COOPER DITCH TO ORIGINAL CONDITIONS, COMPLETE IN PLACE	LF	500	\$7.00	\$3,500.00	\$10.00	\$5,000.00
11. FILL EXISTING POND (NORTH OF LAKE 'E'), INCLUDES DRAINING OF WATER, OVER EXCAVATION OF UNSUITABLE MATERIAL AND BACK FILL TO 95% STANDARD PROCTOR DENSITY IN MAXIMUM 8" LIFTS, COMPLETE IN PLACE	LS	1	\$25,000.00	\$25,000.00	\$5,830.00	\$5,830.00
12. INSTALLATION, MAINTENANCE AND REMOVAL OF LOW WATER CROSSING, COMPLETE IN PLACE	EA	1	\$5,000.00	\$5,000.00	\$17,500.00	\$17,500.00
13. BROADCAST SEEDING OF FILL AREA, AT LEAST 80% TURF ESTABLISHMENT REQUIRED), COMPLETE IN PLACE	AC	103	\$750.00	\$77,250.00	\$850.00	\$87,550.00
SUBTOTAL MISCELLANEOUS ITEMS				\$273,070.00		\$276,365.50
RESIDENTIAL MISCELLANEOUS ITEMS						
1. 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	131	\$5,500.00	\$720,500.00	\$5,830.00	\$763,730.00
2. REMOVE AND DISPOSE OF EXISTING BARBED WIRE, ELECTRICAL, CHAINLINK, WOODEN, AND IRON FENCE AND GATES, COMPLETE IN PLACE	LF	16,070	\$2.00	\$32,140.00	\$1.15	\$18,480.50

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CONSTRUCTION OF THE PHASE 1 DETENTION AND DRAINAGE FACILITIES
 TO SERVE DEL BELLO LAKES
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 43
 CITY OF MANVEL, FORT BEND COUNTY, TEXAS
 MARCH 19, 2019
 LJA ENGINEERING, INC.
 P.CHATTERJEE
 MARCH 20, 2019
 2197-1812 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) R & T ELLIS EXCAVATING, INC.		5) LINDSEY CONSTRUCTION, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
3.	REMOVAL AND DISPOSAL OF EXISTING ABOVE GROUND STRUCTURES, INCLUDES BUT NOT LIMITED TO REMOVAL OF CONCRETE SLABS, GAS TANKS, WATER HEATERS, POWR 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	\$35,000.00	\$35,000.00	\$17,000.00	\$17,000.00
4.	REMOVAL AND DISPOSAL OF EXISTING UNDER GROUND STRUCTURES, INCLUDES BUT NOT LIMITED TO REMOVAL OF EXISING POOL, SEPTIC TANK, WATER LINE SPIGOTS AND ALL APPURTENANCES, INCLUDES BACK FILL TO 95% STANDARD PROTOR DENSITY IN MAX 8" LIFTS, (INCLUDES DISPOSAL OUTSIDE THE DEVELOPMENT TO A LOCATION CONTRACTOR HAS AUTHORIZATION TO DUMP), COMPLETE IN PLACE	LS	1	\$15,000.00	\$15,000.00	\$34,000.00	\$34,000.00
5.	DEMUCK, SCARIFY, AND FILL EXISTING DRAINAGE SWALES, COMPLETE IN PLACE	LF	12,877	\$7.00	\$88,739.00	\$5.00	\$63,385.00
6.	CAP EXISTING WATER WELL APPROXIMATELY 5' BELOW FINISH GRADE, COMPLETE IN PLACE	EA	3	\$1,500.00	\$4,500.00	\$2,915.00	\$8,745.00
SUBTOTAL RESIDENTIAL MISCELLANEOUS ITEMS					\$895,879.00		\$905,340.50
COMMERCIAL MISCELLANEOUS ITEMS							
1.	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	29	\$5,500.00	\$159,500.00	\$5,830.00	\$169,070.00
2.	REMOVE AND DISPOSE OF EXISTING BARBED WIRE, ELECTRICAL, CHAINLINK, WOODEN, AND IRON FENCE AND GATES, COMPLETE IN PLACE	LF	3,380	\$2.00	\$6,760.00	\$1.50	\$5,070.00
3.	V-BOTTOM SWALES WITH 4:1 S.S., INCLUDES GRADING TO PROPOSED OUTFALLS AND GRADES, COMPLETE IN PLACE	LF	2,836	\$6.00	\$17,016.00	\$7.00	\$19,852.00
4.	DEMUCK, SCARIFY, AND FILL EXISTING DRAINAGE SWALES, COMPLETE IN PLACE	LF	1,050	\$25.00	\$26,250.00	\$25.00	\$26,250.00
5.	BARBED WIRE FENCE, COMPLETE IN PLACE	LF	1,000	\$8.00	\$8,000.00	\$4.60	\$4,600.00
SUBTOTAL COMMERCIAL MISCELLANEOUS ITEMS					\$217,526.00		\$224,842.00
ALTERNATE BID ITEMS							
1.	EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF 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	89,040	\$15.00	\$1,335,600.00	\$21.00	\$1,869,840.00
2.	EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF 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. 2, COMPLETE IN PLACE	CY	79,430	\$15.00	\$1,191,450.00	\$21.00	\$1,668,030.00
3.	EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF 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. 3, COMPLETE IN PLACE	CY	20,200	\$15.00	\$303,000.00	\$21.00	\$424,200.00
4.	EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF 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. 4, COMPLETE IN PLACE	CY	65,580	\$15.00	\$983,700.00	\$21.00	\$1,377,180.00

BID TABULATION FOR:

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

**CONSTRUCTION OF THE PHASE 1 DETENTION AND DRAINAGE FACILITIES
 TO SERVE DEL BELLO LAKES
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 43
 CITY OF MANVEL, FORT BEND COUNTY, TEXAS
 MARCH 19, 2019
 LJA ENGINEERING, INC.
 P.CHATTERJEE
 MARCH 20, 2019
 2197-1812 (9.2)**

ITEM DESCRIPTION	UNIT	QTY	4) R & T ELLIS EXCAVATING, INC.		5) LINDSEY CONSTRUCTION, INC.	
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
5. EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF 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. 5, COMPLETE IN PLACE	CY	65,620	\$15.00	\$984,300.00	\$21.00	\$1,378,020.00
6. EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF 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. 6, COMPLETE IN PLACE	CY	17,510	\$15.00	\$262,650.00	\$21.00	\$367,710.00
7. EXCAVATION, HAULING, STRIPPING, PLACEMENT, SPREADING AND COMPACTION OF 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. 7, COMPLETE IN PLACE	CY	71,530	\$15.00	\$1,072,950.00	\$21.00	\$1,502,130.00
SUBTOTAL ALTERNATE BID ITEMS				\$6,133,650.00		\$8,587,110.00
BID SUMMARY						
SUBTOTAL DETENTION AND DRAINAGE ITEMS				\$2,776,418.00		\$3,238,888.00
SUBTOTAL MISCELLANEOUS ITEMS				\$273,070.00		\$276,365.50
SUBTOTAL RESIDENTIAL MISCELLANEOUS ITEMS				\$895,879.00		\$905,340.50
SUBTOTAL COMMERCIAL MISCELLANEOUS ITEMS				\$217,526.00		\$224,842.00
TOTAL AMOUNT BID				\$4,162,893.00		\$4,646,436.00
SUBTOTAL ALTERNATE BID ITEMS				\$6,133,650.00		\$8,587,110.00
TOTAL AMOUNT BID INCLUDING ALTERNATE BID				\$9,005,143.00		\$11,398,236.50

LJA Engineering, Inc.