


BID TABULATION FOR:

CONSTRUCTION OF WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND PAVING AND APPURTENANCES
TO SERVE DEL BELLO LAKES SECTION 6
BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 43
CITY OF MANVEL, BRAZORIA COUNTY, TEXAS
FEBRUARY 11, 2021
LJA ENGINEERING, INC.
D. FORREST
FEBRUARY 11, 2021
2197-1906B & 2197-1906C (9.2)

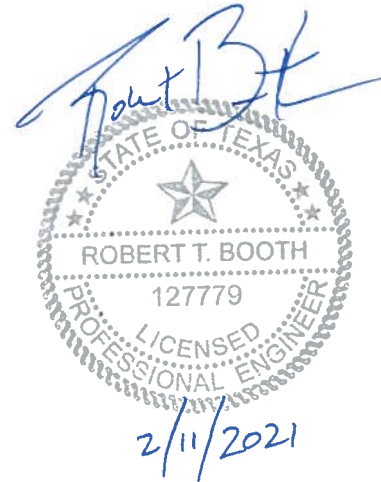
BID OPENING DATE:
BID OPENING LOCATION:
TABULATION BY:
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LJA JOB NO.

BIDDERS NAME	TOTAL AMOUNT BID
1) RODRIGUEZ CONSTRUCTION GROUP, LLC	\$651,000.00
2) DIMAS BROS. CONSTRUCTION	\$726,055.59
3) TEXAS KB UTILITIES, LLC	\$733,000.00
4) R CONSTRUCTION CIVIL	\$794,990.60
5) CLEARWATER UTILITIES, INC.	\$806,608.96

CALENDAR DAYS - 60/75



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



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1) RODRIGUEZ CONSTRUCTION GROUP,
 LLC

2) DIMAS BROS. CONSTRUCTION

3) TEXAS KB UTILITIES, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER SYSTEM ITEMS									
1	8" P.V.C. WATER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	1475	\$18.68	\$27,553.00	\$26.35	\$38,866.25	\$21.95	\$32,376.25
2	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	2	\$3,728.02	\$7,456.04	\$4,065.00	\$8,130.00	\$4,215.00	\$8,430.00
3	REMOVE AND RELOCATE EXISTING FLUSHING VALVE UNIT, INCLUDES SUPPLYING APPROPRIATE 6" GATE VALVE & BOX, REMOVE AND DISPOSE EXISTING REDUCER, AND CONNECT PROPOSED WATER LINE, ALL DEPTHS, INCLUDES ALL FITTING REPAIRS, COMPLETE IN PLACE	EA	3	\$1,473.40	\$4,420.20	\$1,584.00	\$4,752.00	\$1,760.00	\$5,280.00
4	8" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$1,113.00	\$2,226.00	\$1,075.00	\$2,150.00	\$1,330.00	\$2,660.00
5	CAST IRON WATERLINE FITTINGS, COMPLETE IN PLACE	TON	0.34	\$6,784.00	\$2,306.56	\$1.00	\$0.34	\$1.00	\$0.34
6	P.V.C. CASING FOR 8" WATER LINE (DOES NOT INCLUDE CARRIER PIPE), INCLUDES END SEALS AND SPACERS IN ACCORDANCE WITH CITY OF MANVEL DETAILS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	64	\$93.89	\$6,008.96	\$30.00	\$1,920.00	\$74.85	\$4,790.40
7	1" DIAMETER "NEAR SIDE" SINGLE WATER SERVICE CONNECTION (PER DETAIL IN THE CONSTRUCTION DRAWINGS), INCLUDES ALL FITTINGS, HARDWARE, AND METER BOX, COMPLETE IN PLACE	EA	15	\$585.12	\$8,776.80	\$415.00	\$6,225.00	\$535.00	\$8,025.00
8	1" DIAMETER "FAR SIDE" SINGLE WATER SERVICE CONNECTION (PER DETAIL IN THE CONSTRUCTION DRAWINGS), INCLUDES ALL FITTINGS, HARDWARE, AND METER BOX, COMPLETE IN PLACE	LF	845	\$28.62	\$24,183.90	\$15.00	\$12,675.00	\$21.10	\$17,829.50
9	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	1000	\$20.00	\$20,000.00	\$20.00	\$20,000.00	\$20.00	\$20,000.00
10	TRENCH SAFETY SYSTEM, INCLUDING LATERALS, ALL DEPTHS, COMPLETE IN PLACE	LF	2480	\$0.11	\$272.80	\$1.00	\$2,480.00	\$0.10	\$248.00
WATER SYSTEM ITEMS SUBTOTAL:					\$103,204.26		\$97,198.59		\$99,639.49
SANITARY SEWER ITEMS									
1	8" P.V.C SEWER PIPE, ASTM D 2241, SDR 26, CLASS 160, 0' - 12' DEPTH, INCLUDING EXCAVATION, BACKFILL AND BEDDING, COMPLETE IN PLACE	LF	450	\$27.68	\$12,456.00	\$25.40	\$11,430.00	\$47.40	\$21,330.00
2	8" P.V.C. SEWER PIPE, ASTM D 2241, SDR 26, CLASS 160, 12' - 16' DEPTH, INCLUDING EXCAVATION, BACKFILL AND BEDDING, COMPLETE IN PLACE	LF	603	\$29.68	\$17,897.04	\$28.00	\$16,884.00	\$47.40	\$28,582.20
3	STANDARD SANITARY MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (0-8' DEPTH), COMPLETE IN PLACE	EA	6	\$3,736.50	\$22,419.00	\$7,200.00	\$43,200.00	\$3,860.00	\$23,160.00
4	EXTRA DEPTH OF SANITARY SEWER MANHOLES (0-8' DEPTH), COMPLETE IN PLACE	VF	30	\$270.30	\$8,109.00	\$255.00	\$7,650.00	\$120.00	\$3,600.00
5	FINAL ADJUSTMENTS TO SANITARY SEWER MANHOLES, COMPLETE IN PLACE	EA	7	\$53.00	\$371.00	\$100.00	\$700.00	\$1.00	\$7.00
6	"LONG SIDE" DOUBLE OR SINGLE 6" P.V.C. PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDES PIPE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, STACK, MARKER, DROP STRUCTURE, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	LF	758	\$39.57	\$29,994.06	\$33.70	\$25,544.60	\$40.65	\$30,812.70

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ITEM	DESCRIPTION	UNIT	QTY	1) RODRIGUEZ CONSTRUCTION GROUP, LLC		2) DIMAS BROS. CONSTRUCTION		3) TEXAS KB UTILITIES, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
7	"SHORT SIDE" DOUBLE OR SINGLE 6" P.V.C. PIPE SERVICE LEADS, NOT TO EXCEED 25' IN LENGTH, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDES PIPE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, STACK, MARKER, DROP STRUCTURE AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	EA	7	\$731.40	\$5,119.80	\$915.00	\$6,405.00	\$1,090.00	\$7,630.00
8	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 8" SANITARY SEWER PIPE (ALL DEPTHS), COMPLETE IN PLACE	EA	1	\$871.01	\$871.01	\$984.00	\$984.00	\$1,210.00	\$1,210.00
9	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	1053	\$20.00	\$21,060.00	\$20.00	\$21,060.00	\$20.00	\$21,060.00
10	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1053	\$3.18	\$3,348.54	\$2.00	\$2,106.00	\$0.75	\$789.75
11	TRENCH SAFETY SYSTEM, INCLUDING LATERALS, ALL SIZES AND ALL DEPTHS, COMPLETE IN PLACE	LF	1917	\$0.11	\$210.87	\$1.00	\$1,917.00	\$0.10	\$191.70
12	ADDITIONAL COST FOR MODIFIED "A-A" SANITARY BEDDING (TO BE USED ONLY 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
SANITARY SEWER ITEMS SUBTOTAL:					\$131,856.32		\$147,880.60		\$148,373.35
DRAINAGE FACILITIES ITEMS									
1	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	738	\$50.38	\$37,180.44	\$49.30	\$36,383.40	\$69.25	\$51,106.50
2	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	267	\$62.59	\$16,711.53	\$59.25	\$15,819.75	\$77.90	\$20,799.30
3	36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	134	\$90.96	\$12,188.64	\$78.00	\$10,452.00	\$102.90	\$13,788.60
4	STAGE I – STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	8	\$1,007.00	\$8,056.00	\$798.00	\$6,384.00	\$1,575.00	\$12,600.00
5	STAGE II – STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY GRAVEL – FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	8	\$1,007.00	\$8,056.00	\$1,184.00	\$9,472.00	\$2,065.00	\$16,520.00
6	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$2,067.00	\$12,402.00	\$5,155.00	\$30,930.00	\$1,790.00	\$10,740.00
7	BREAK INTO EXISTING MANHOLE AND CONNECT PROPOSED 30" STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$583.00	\$583.00	\$300.00	\$300.00	\$1,210.00	\$1,210.00
8	FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	7	\$26.50	\$185.50	\$100.00	\$700.00	\$1.00	\$7.00
9	OVERFLOW SWALE, 6' FLAT BOTTOM, 6:1 SIDE SLOPES, GRADED TO DRAIN, INCLUDES SOD FOR EROSION CONTROL, COMPLETE IN PLACE	LF	60	\$18.02	\$1,081.20	\$18.00	\$1,080.00	\$25.00	\$1,500.00
10	DEMUCK AND FILL EXISTING V-BOTTOM DRAINAGE SWALE, COMPLETE IN PLACE	LF	1064	\$3.71	\$3,947.44	\$2.75	\$2,926.00	\$5.50	\$5,852.00
11	TEMPORARY EARTHEN COFFER DAM AND BYPASS PUMPING TO FACILITATE CONSTRUCTION OF THE 36" R.C.P STORM SEWER PIPE CONNECTION (AS DIRECTED BY THE ENGINEER), INCLUDES REMOVAL AND DISPOSAL OF COFFER DAM AND RIP RAP, COMPLETE IN PLACE	LS	1	\$3,710.00	\$3,710.00	\$2,000.00	\$2,000.00	\$8,250.00	\$8,250.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
12	OUTFALL STRUCTURE FOR 36" R.C.P., PER DETAIL, INCLUDES 55 SY OF 5" REINFORCED CONCRETE SLOPE PAVING WITH 2' TOE ALL AROUND, AND ALL OTHER APPURTENANCES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$4,770.00	\$4,770.00	\$7,500.00	\$7,500.00	\$6,600.00	\$6,600.00
13	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	1139	\$20.00	\$22,780.00	\$20.00	\$22,780.00	\$20.00	\$22,780.00
14	TRENCH SAFETY SYSTEM, ALL SIZES AND ALL DEPTHS, COMPLETE IN PLACE	LF	1139	\$0.11	\$125.29	\$1.00	\$1,139.00	\$0.10	\$113.90
15	T.V. INSPECTION OF STORM SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), CLEANING OF LINES PRIOR TO INSPECTION IS INCIDENTAL, COMPLETE IN PLACE	LF	1139	\$4.24	\$4,829.36	\$2.00	\$2,278.00	\$0.75	\$854.25
16	ADDITIONAL COST FOR MODIFIED "A-A" STORM SEWER (TO BE USED ONLY 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
DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$146,606.40		\$160,144.15		\$182,721.55
MISCELLANEOUS ITEMS (WS&D)									
1	METHOD "A" CONSTRUCTION STAKING FOR WS&D AS PER GBI PARTNERS, L.P. (CONTACT JON BORDOVSKY AT 281.499.4539), COMPLETE IN PLACE	LS	1	\$5,555.00	\$5,555.00	\$5,555.00	\$5,555.00	\$5,555.00	\$5,555.00
2	EXTRA CEMENT STABILIZED SAND (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	100	\$12.00	\$1,200.00	\$12.00	\$1,200.00	\$12.00	\$1,200.00
3	WATER, SANITARY SEWER, AND STORM SEWER UTILITY SPOIL, TO BE USED FOR ONSITE ROADWAY AND SPECIFIED FILL AREAS (PER GRADING PLAN), INCLUDES HAULING, PLACING, AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE	CY	1700	\$2.65	\$4,505.00	\$1.00	\$1,700.00	\$3.70	\$6,290.00
4	INSTALLATION AND REMOVAL (UPON COMPLETION) OF CONCRETE WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$530.00	\$530.00	\$500.00	\$500.00	\$505.91	\$505.91
5	CITY OF MANVEL PERMITTING FEE, COMPLETE IN PLACE	LS	1	\$5,830.00	\$5,830.00	\$5,800.00	\$5,800.00	\$6,645.00	\$6,645.00
6	6" SCHEDULE 40 P.V.C IRRIGATION SLEEVES, COMPLETE IN PLACE	LF	32	\$16.96	\$542.72	\$22.00	\$704.00	\$29.35	\$939.20
MISCELLANEOUS ITEMS (WS&D) SUBTOTAL:					\$18,162.72		\$15,459.00		\$21,135.11
PAVING AND APPURTENANCES IMPROVEMENT ITEMS									
1	6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	4415	\$40.02	\$176,688.30	\$49.55	\$218,763.25	\$42.40	\$187,196.00
2	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	1040	\$3.45	\$3,588.00	\$3.50	\$3,640.00	\$3.05	\$3,172.00
3	4" X 12" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	1740	\$3.45	\$6,003.00	\$3.50	\$6,090.00	\$3.05	\$5,307.00
4	6" LIME STABILIZED SUBGRADE, INCLUDES MANIPULATION, PROOF ROLLING (AS PER CITY OF MANVEL REQUIREMENTS), AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	SY	4720	\$2.76	\$13,027.20	\$3.00	\$14,160.00	\$4.05	\$19,116.00
5	LIME FOR SUBGRADE PREPARATION (10% BY WEIGHT, 45LBS/SY), AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	106	\$196.10	\$20,786.60	\$215.00	\$22,790.00	\$200.00	\$21,200.00
6	COMMON ROADWAY EXCAVATION TO BE USED FOR ONSITE ROADWAY AND SPECIFIED FILL AREAS (PER GRADING PLAN), INCLUDES HAULING, PLACING, AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE	CY	700	\$5.30	\$3,710.00	\$7.00	\$4,900.00	\$8.10	\$5,670.00

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7	6" WHEELCHAIR RAMPS, INCLUDING TRUNCATED DOME SURFACE TO BE STAINED WITH CONTRASTING COLOR PER THE CONSTRUCTION PLAN SET, INCLUDES REMOVAL OF EXISTING CURB IF REQUIRED AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	EA	2	\$1,325.00	\$2,650.00	\$1,400.00	\$2,800.00	\$1,795.00	\$3,590.00
8	4" SQUARE DOUBLE REFLECTORIZED BLUE TRAFFIC BUTTONS FOR FIRE HYDRANT LOCATION, COMPLETE IN PLACE	EA	5	\$15.90	\$79.50	\$10.00	\$50.00	\$25.00	\$125.00
9	TEMPORARY TRAFFIC CONTROL FOR PAVEMENT CONNECTION AT MILLS CREEK LANE, COMPLETE IN PLACE	LS	1	\$530.00	\$530.00	\$2,000.00	\$2,000.00	\$1,515.00	\$1,515.00
10	PERMANENT TRAFFIC CONTROL DEVICES, INCLUDING TRAFFIC BUTTONS, PAVEMENT STRIPING (AS PER DETAILS ON SHEET NO. 24 OF 27), MARKERS, REFLECTIVE PAINT ON MEDIAN NOSES, STOP SIGNS, STREET SIGNS, AND ALL OTHER TRAFFIC SIGNS SHOWN IN THE CONSTRUCTION PLANS, ETC., COMPLETE IN PLACE	LS	1	\$1,060.00	\$1,060.00	\$2,000.00	\$2,000.00	\$2,275.00	\$2,275.00
11	REMOVE AND DISPOSE OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	2	\$53.00	\$106.00	\$200.00	\$400.00	\$155.00	\$310.00
12	REMOVE AND DISPOSE OF EXISTING 6" CRUSHED CONCRETE TURNAROUND, COMPLETE IN PLACE	SY	820	\$5.30	\$4,346.00	\$5.00	\$4,100.00	\$10.10	\$8,282.00
13	HYDRO-MULCH SEEDING AND WATERING OF RIGHT-OF-WAYS AND MEDIANS, TO AT LEAST 90% GERMINATION, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLAC	AC	2	\$1,272.00	\$2,544.00	\$1,500.00	\$3,000.00	\$2,425.00	\$4,850.00
14	BROADCAST SEEDING AND WATERING, TO AT LEAST 80% GERMINATION, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	4.5	\$583.00	\$2,623.50	\$600.00	\$2,700.00	\$1,515.00	\$6,817.50
15	FINAL LOT GRADING, INCLUDING STRIPPING AND PROOF ROLLING, HAULING, PLACEMENT AND COMPACTION OF MATERIALS AND REPLACEMENT OF STRIPPINGS AND FINAL LOT GRADING, INCLUDING AS-BUILT SURVEYS TO VERIFY LOT GRADING DETAIL, SEE LOT GRADING DETAIL ON SHEET 12 OF 27 ON CONSTRUCTION PLANS, COMPLETE IN PLACE	EA	27	\$159.00	\$4,293.00	\$150.00	\$4,050.00	\$205.00	\$5,535.00
PAVING AND APPURTENANCES IMPROVEMENT ITEMS SUBTOTAL:					\$242,035.10		\$291,443.25		\$274,960.50
MISCELLANEOUS ITEMS (PAVING)									
1	METHOD "A" CONSTRUCTION STAKING FOR PAVING AS PER GBI PARTNERS, L.P. (CONTACT JON BORDOVSKY AT 281.499.4539), COMPLETE IN PLACE	LS	1	\$2,065.00	\$2,065.00	\$2,065.00	\$2,065.00	\$2,065.00	\$2,065.00
2	16" SOD STRIPING ALONG BACK OF CURB, COMPLETE IN PLACE	LF	2780	\$1.59	\$4,420.20	\$1.75	\$4,865.00	\$0.75	\$2,085.00
3	COMMON ROADWAY EXCAVATION, TO BE TAKEN AND STOCK PILED ON NEARBY DRILL SITE APPROXIMATELY 0.70 MILES ROUND TRIP, BY USE OF ON-ROAD TRUCKS, INCLUDES EXCAVATION, HAULING AND PLACING, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	100	\$10.60	\$1,060.00	\$30.00	\$3,000.00	\$10.10	\$1,010.00
4	COMMON ROADWAY EXCAVATION, TO BE TAKEN AND USED FOR ONSITE ROADWAY AND SPECIFIC FILL AREAS (PER GRADING PLAN), FROM NEARBY DRILL SITE, APPROXIMATELY 0.70 MILES ROUND TRIP, BY USE OF ON-ROAD TRUCKS INCLUDES EXCAVATION, HAULING AND PLACING, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	100	\$15.90	\$1,590.00	\$40.00	\$4,000.00	\$10.10	\$1,010.00
MISCELLANEOUS ITEMS (PAVING) SUBTOTAL:					\$9,135.20		\$13,930.00		\$6,170.00
BIDDING SUMMARY									
SUBTOTAL WATER SYSTEM ITEMS					\$103,204.26		\$97,198.59		\$99,639.49
SUBTOTAL SANITARY SEWER ITEMS					\$131,856.32		\$147,880.60		\$148,373.35

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ITEM	DESCRIPTION	UNIT	QTY	1) RODRIGUEZ CONSTRUCTION GROUP, LLC		2) DIMAS BROS. CONSTRUCTION		3) TEXAS KB UTILITIES, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
	SUBTOTAL DRAINAGE FACILITIES ITEMS				\$146,606.40		\$160,144.15		\$182,721.55
	SUBTOTAL MISCELLANEOUS ITEMS (WS&D)				\$18,162.72		\$15,459.00		\$21,135.11
	SUBTOTAL PAVING AND APPURTENANCES IMPROVEMENT ITEMS				\$242,035.10		\$291,443.25		\$274,960.50
	SUBTOTAL MISCELLANEOUS ITEMS (PAVING)				\$9,135.20		\$13,930.00		\$6,170.00
	TOTAL AMOUNT BASE BID				\$651,000.00		\$726,055.59		\$733,000.00

LJA Engineering, Inc.

BID TABULATION FOR:

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

CONSTRUCTION OF WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND PAVING AND APPURTENANCES
 TO SERVE DEL BELLO LAKES SECTION 6
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 43
 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS
 FEBRUARY 11, 2021
 LJA ENGINEERING, INC.
 D. FORREST
 FEBRUARY 11, 2021
 2197-1906B & 2197-1906C (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) R CONSTRUCTION CIVIL		5) CLEARWATER UTILITIES, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER SYSTEM ITEMS							
1	8" P.V.C. WATER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, COMPLETE IN PLACE	LF	1475	\$30.00	\$44,250.00	\$30.00	\$44,250.00
2	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	2	\$6,000.00	\$12,000.00	\$5,000.00	\$10,000.00
3	REMOVE AND RELOCATE EXISTING FLUSHING VALVE UNIT, INCLUDES SUPPLYING APPROPRIATE 6" GATE VALVE & BOX, REMOVE AND DISPOSE EXISTING REDUCER, AND CONNECT PROPOSED WATER LINE, ALL DEPTHS, INCLUDES ALL FITTING REPAIRS, COMPLETE IN PLACE	EA	3	\$2,500.00	\$7,500.00	\$986.00	\$2,958.00
4	8" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$1,500.00	\$3,000.00	\$1,482.00	\$2,964.00
5	CAST IRON WATERLINE FITTINGS, COMPLETE IN PLACE	TON	0.34	\$8,000.00	\$2,720.00	\$4,034.00	\$1,371.56
6	P.V.C. CASING FOR 8" WATER LINE (DOES NOT INCLUDE CARRIER PIPE), INCLUDES END SEALS AND SPACERS IN ACCORDANCE WITH CITY OF MANVEL DETAILS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	64	\$100.00	\$6,400.00	\$84.00	\$5,376.00
7	1" DIAMETER "NEAR SIDE" SINGLE WATER SERVICE CONNECTION (PER DETAIL IN THE CONSTRUCTION DRAWINGS), INCLUDES ALL FITTINGS, HARDWARE, AND METER BOX, COMPLETE IN PLACE	EA	15	\$500.00	\$7,500.00	\$560.00	\$8,400.00
8	1" DIAMETER "FAR SIDE" SINGLE WATER SERVICE CONNECTION (PER DETAIL IN THE CONSTRUCTION DRAWINGS), INCLUDES ALL FITTINGS, HARDWARE, AND METER BOX, COMPLETE IN PLACE	LF	845	\$25.00	\$21,125.00	\$21.00	\$17,745.00
9	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	1000	\$25.00	\$25,000.00	\$20.00	\$20,000.00
10	TRENCH SAFETY SYSTEM, INCLUDING LATERALS, ALL DEPTHS, COMPLETE IN PLACE	LF	2480	\$0.10	\$248.00	\$0.15	\$372.00
WATER SYSTEM ITEMS SUBTOTAL:					\$129,743.00	\$113,436.56	
SANITARY SEWER ITEMS							
1	8" P.V.C SEWER PIPE, ASTM D 2241, SDR 26, CLASS 160, 0' - 12' DEPTH, INCLUDING EXCAVATION, BACKFILL AND BEDDING, COMPLETE IN PLACE	LF	450	\$35.00	\$15,750.00	\$37.00	\$16,650.00
2	8" P.V.C. SEWER PIPE, ASTM D 2241, SDR 26, CLASS 160, 12' - 16' DEPTH, INCLUDING EXCAVATION, BACKFILL AND BEDDING, COMPLETE IN PLACE	LF	603	\$35.00	\$21,105.00	\$38.00	\$22,914.00
3	STANDARD SANITARY MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (0-8' DEPTH), COMPLETE IN PLACE	EA	6	\$3,500.00	\$21,000.00	\$4,485.00	\$26,910.00
4	EXTRA DEPTH OF SANITARY SEWER MANHOLES (0-8' DEPTH), COMPLETE IN PLACE	VF	30	\$150.00	\$4,500.00	\$150.00	\$4,500.00
5	FINAL ADJUSTMENTS TO SANITARY SEWER MANHOLES, COMPLETE IN PLACE	EA	7	\$10.00	\$70.00	\$1.00	\$7.00
6	"LONG SIDE" DOUBLE OR SINGLE 6" P.V.C. PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDES PIPE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, STACK, MARKER, DROP STRUCTURE, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	LF	758	\$45.00	\$34,110.00	\$41.00	\$31,078.00

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CONSTRUCTION OF WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND PAVING AND APPURTENANCES
 TO SERVE DEL BELLO LAKES SECTION 6
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 43
 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS
 FEBRUARY 11, 2021
 LJA ENGINEERING, INC.
 D. FORREST
 FEBRUARY 11, 2021
 2197-1906B & 2197-1906C (9.2)

BID OPENING DATE:
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TABULATION DATE:
LJA JOB NO.

ITEM	DESCRIPTION	UNIT	QTY	4) R CONSTRUCTION CIVIL		5) CLEARWATER UTILITIES, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
7	"SHORT SIDE" DOUBLE OR SINGLE 6" P.V.C. PIPE SERVICE LEADS, NOT TO EXCEED 25' IN LENGTH, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDES PIPE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, STACK, MARKER, DROP STRUCTURE AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	EA	7	\$1,000.00	\$7,000.00	\$980.00	\$6,860.00
8	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 8" SANITARY SEWER PIPE (ALL DEPTHS), COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00	\$1,275.00	\$1,275.00
9	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	1053	\$25.00	\$26,325.00	\$20.00	\$21,060.00
10	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1053	\$2.00	\$2,106.00	\$1.50	\$1,579.50
11	TRENCH SAFETY SYSTEM, INCLUDING LATERALS, ALL SIZES AND ALL DEPTHS, COMPLETE IN PLACE	LF	1917	\$0.10	\$191.70	\$0.15	\$287.55
12	ADDITIONAL COST FOR MODIFIED "A-A" SANITARY BEDDING (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	500	\$20.00	\$10,000.00	\$20.00	\$10,000.00
SANITARY SEWER ITEMS SUBTOTAL:					\$144,157.70	\$143,121.05	
DRAINAGE FACILITIES ITEMS							
1	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	738	\$65.00	\$47,970.00	\$57.00	\$42,066.00
2	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	267	\$80.00	\$21,360.00	\$66.00	\$17,622.00
3	36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	134	\$120.00	\$16,080.00	\$90.00	\$12,060.00
4	STAGE I - STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	8	\$1,500.00	\$12,000.00	\$1,243.00	\$9,944.00
5	STAGE II - STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY GRAVEL - FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	8	\$2,000.00	\$16,000.00	\$1,218.00	\$9,744.00
6	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$3,500.00	\$21,000.00	\$2,668.00	\$16,008.00
7	BREAK INTO EXISTING MANHOLE AND CONNECT PROPOSED 30" STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$1,449.00	\$1,449.00
8	FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	7	\$10.00	\$70.00	\$1.00	\$7.00
9	OVERFLOW SWALE, 6' FLAT BOTTOM, 6:1 SIDE SLOPES, GRADED TO DRAIN, INCLUDES SOD FOR EROSION CONTROL, COMPLETE IN PLACE	LF	60	\$15.00	\$900.00	\$23.00	\$1,380.00
10	DEMUCK AND FILL EXISTING V-BOTTOM DRAINAGE SWALE, COMPLETE IN PLACE	LF	1064	\$4.00	\$4,256.00	\$5.00	\$5,320.00
11	TEMPORARY EARTHEN COFFER DAM AND BYPASS PUMPING TO FACILITATE CONSTRUCTION OF THE 36" R.C.P STORM SEWER PIPE CONNECTION (AS DIRECTED BY THE ENGINEER), INCLUDES REMOVAL AND DISPOSAL OF COFFER DAM AND RIP RAP, COMPLETE IN PLACE	LS	1	\$10,000.00	\$10,000.00	\$9,856.00	\$9,856.00

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 TO SERVE DEL BELLO LAKES SECTION 6
 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 43
 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS
 FEBRUARY 11, 2021
 LJA ENGINEERING, INC.
 D. FORREST
 FEBRUARY 11, 2021
 2197-1906B & 2197-1906C (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) R CONSTRUCTION CIVIL		5) CLEARWATER UTILITIES, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
12	OUTFALL STRUCTURE FOR 36" R.C.P., PER DETAIL, INCLUDES 55 SY OF 5" REINFORCED CONCRETE SLOPE PAVING WITH 2' TOE ALL AROUND, AND ALL OTHER APPURTENANCES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$10,000.00	\$10,000.00	\$6,261.00	\$6,261.00
13	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	1139	\$25.00	\$28,475.00	\$20.00	\$22,780.00
14	TRENCH SAFETY SYSTEM, ALL SIZES AND ALL DEPTHS, COMPLETE IN PLACE	LF	1139	\$0.10	\$113.90	\$0.15	\$170.85
15	T.V. INSPECTION OF STORM SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), CLEANING OF LINES PRIOR TO INSPECTION IS INCIDENTAL, COMPLETE IN PLACE	LF	1139	\$2.00	\$2,278.00	\$2.50	\$2,847.50
16	ADDITIONAL COST FOR MODIFIED "A-A" STORM SEWER (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	500	\$20.00	\$10,000.00	\$20.00	\$10,000.00
DRAINAGE FACILITIES ITEMS SUBTOTAL:					\$201,502.90		\$167,515.35
MISCELLANEOUS ITEMS (WS&D)							
1	METHOD "A" CONSTRUCTION STAKING FOR WS&D AS PER GBI PARTNERS, L.P. (CONTACT JON BORDOVSKY AT 281.499.4539), COMPLETE IN PLACE	LS	1	\$5,555.00	\$5,555.00	\$5,555.00	\$5,555.00
2	EXTRA CEMENT STABILIZED SAND (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	100	\$12.00	\$1,200.00	\$12.00	\$1,200.00
3	WATER, SANITARY SEWER, AND STORM SEWER UTILITY SPOIL, TO BE USED FOR ONSITE ROADWAY AND SPECIFIED FILL AREAS (PER GRADING PLAN), INCLUDES HAULING, PLACING, AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE	CY	1700	\$2.00	\$3,400.00	\$10.00	\$17,000.00
4	INSTALLATION AND REMOVAL (UPON COMPLETION) OF CONCRETE WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$2,500.00	\$2,500.00
5	CITY OF MANVEL PERMITTING FEE, COMPLETE IN PLACE	LS	1	\$8,000.00	\$8,000.00	\$10,000.00	\$10,000.00
6	6" SCHEDULE 40 P.V.C IRRIGATION SLEEVES, COMPLETE IN PLACE	LF	32	\$25.00	\$800.00	\$50.00	\$1,600.00
MISCELLANEOUS ITEMS (WS&D) SUBTOTAL:					\$19,455.00		\$37,855.00
PAVING AND APPURTENANCES IMPROVEMENT ITEMS							
1	6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	4415	\$45.00	\$198,675.00	\$50.00	\$220,750.00
2	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	1040	\$4.00	\$4,160.00	\$5.00	\$5,200.00
3	4" X 12" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	1740	\$4.00	\$6,960.00	\$5.00	\$8,700.00
4	6" LIME STABILIZED SUBGRADE, INCLUDES MANIPULATION, PROOF ROLLING (AS PER CITY OF MANVEL REQUIREMENTS), AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	SY	4720	\$4.50	\$21,240.00	\$7.50	\$35,400.00
5	LIME FOR SUBGRADE PREPARATION (10% BY WEIGHT, 45LBS/SY), AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	106	\$200.00	\$21,200.00	\$200.00	\$21,200.00
6	COMMON ROADWAY EXCAVATION TO BE USED FOR ONSITE ROADWAY AND SPECIFIED FILL AREAS (PER GRADING PLAN), INCLUDES HAULING, PLACING, AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE	CY	700	\$10.00	\$7,000.00	\$10.00	\$7,000.00

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 BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 43
 CITY OF MANVEL, BRAZORIA COUNTY, TEXAS
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 LJA ENGINEERING, INC.
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ITEM	DESCRIPTION	UNIT	QTY	4) R CONSTRUCTION CIVIL		5) CLEARWATER UTILITIES, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
7	6' WHEELCHAIR RAMPS, INCLUDING TRUNCATED DOME SURFACE TO BE STAINED WITH CONTRASTING COLOR PER THE CONSTRUCTION PLAN SET, INCLUDES REMOVAL OF EXISTING CURB IF REQUIRED AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	EA	2	\$2,000.00	\$4,000.00	\$2,500.00	\$5,000.00
8	4" SQUARE DOUBLE REFLECTORIZED BLUE TRAFFIC BUTTONS FOR FIRE HYDRANT LOCATION, COMPLETE IN PLACE	EA	5	\$15.00	\$75.00	\$10.00	\$50.00
9	TEMPORARY TRAFFIC CONTROL FOR PAVEMENT CONNECTION AT MILLS CREEK LANE, COMPLETE IN PLACE	LS	1	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00
10	PERMANENT TRAFFIC CONTROL DEVICES, INCLUDING TRAFFIC BUTTONS, PAVEMENT STRIPING (AS PER DETAILS ON SHEET NO. 24 OF 27), MARKERS, REFLECTIVE PAINT ON MEDIAN NOSES, STOP SIGNS, STREET SIGNS, AND ALL OTHER TRAFFIC SIGNS SHOWN IN THE CONSTRUCTION PLANS, ETC., COMPLETE IN PLACE	LS	1	\$4,000.00	\$4,000.00	\$2,500.00	\$2,500.00
11	REMOVE AND DISPOSE OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	2	\$1.00	\$2.00	\$406.00	\$812.00
12	REMOVE AND DISPOSE OF EXISTING 6" CRUSHED CONCRETE TURNAROUND, COMPLETE IN PLACE	SY	820	\$10.00	\$8,200.00	\$8.70	\$7,134.00
13	HYDRO-MULCH SEEDING AND WATERING OF RIGHT-OF-WAYS AND MEDIANS, TO AT LEAST 90% GERMINATION, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	2	\$2,000.00	\$4,000.00	\$100.00	\$200.00
14	BROADCAST SEEDING AND WATERING, TO AT LEAST 80% GERMINATION, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	4.5	\$600.00	\$2,700.00	\$50.00	\$225.00
15	FINAL LOT GRADING, INCLUDING STRIPPING AND PROOF ROLLING, HAULING, PLACEMENT AND COMPACTION OF MATERIALS AND REPLACEMENT OF STRIPPINGS AND FINAL LOT GRADING, INCLUDING AS-BUILT SURVEYS TO VERIFY LOT GRADING DETAIL, SEE LOT GRADING DETAIL ON SHEET 12 OF 27 ON CONSTRUCTION PLANS, COMPLETE IN PLACE	EA	27	\$225.00	\$6,075.00	\$750.00	\$20,250.00
PAVING AND APPURTENANCES IMPROVEMENT ITEMS SUBTOTAL:					\$291,287.00		\$336,921.00
MISCELLANEOUS ITEMS (PAVING)							
1	METHOD "A" CONSTRUCTION STAKING FOR PAVING AS PER GBI PARTNERS, L.P. (CONTACT JON BORDOVSKY AT 281.499.4539), COMPLETE IN PLACE	LS	1	\$2,065.00	\$2,065.00	\$2,065.00	\$2,065.00
2	16" SOD STRIPING ALONG BACK OF CURB, COMPLETE IN PLACE	LF	2780	\$1.00	\$2,780.00	\$0.25	\$695.00
3	COMMON ROADWAY EXCAVATION, TO BE TAKEN AND STOCK PILED ON NEARBY DRILL SITE APPROXIMATELY 0.70 MILES ROUND TRIP, BY USE OF ON-ROAD TRUCKS, INCLUDES EXCAVATION, HAULING AND PLACING, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00
4	COMMON ROADWAY EXCAVATION, TO BE TAKEN AND USED FOR ONSITE ROADWAY AND SPECIFIC FILL AREAS (PER GRADING PLAN), FROM NEARBY DRILL SITE, APPROXIMATELY 0.70 MILES ROUND TRIP, BY USE OF ON-ROAD TRUCKS INCLUDES EXCAVATION, HAULING AND PLACING, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	100	\$20.00	\$2,000.00	\$30.00	\$3,000.00
MISCELLANEOUS ITEMS (PAVING) SUBTOTAL:					\$8,845.00		\$7,760.00
BIDDING SUMMARY							
SUBTOTAL WATER SYSTEM ITEMS					\$129,743.00		\$113,436.56
SUBTOTAL SANITARY SEWER ITEMS					\$144,157.70		\$143,121.05

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TO SERVE DEL BELLO LAKES SECTION 6
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ITEM	DESCRIPTION	UNIT	QTY	4) R CONSTRUCTION CIVIL		5) CLEARWATER UTILITIES, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
	SUBTOTAL DRAINAGE FACILITIES ITEMS				\$201,502.90	\$167,515.35	
	SUBTOTAL MISCELLANEOUS ITEMS (WS&D)				\$19,455.00	\$37,855.00	
	SUBTOTAL PAVING AND APPURTENANCES IMPROVEMENT ITEMS				\$291,287.00	\$336,921.00	
	SUBTOTAL MISCELLANEOUS ITEMS (PAVING)				\$8,845.00	\$7,760.00	
	TOTAL AMOUNT BASE BID				\$794,990.60	\$806,608.96	

LJA Engineering, Inc.