

BID TABULATION FOR:

CONSTRUCTION OF WATER, SANITARY SEWER, DRAINAGE FACILITIES AND PAVING AND APPURTENANCES TO SERVE CALDWELL RANCH SECTION 1 BRAZORIA-FORT BEND COUNTIES MUNICIPAL UTILITY DISTRICT NO. 3 CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS  
OCTOBER 28, 2020  
LJA ENGINEERING, INC.  
D. FORREST  
OCTOBER 28, 2020  
1931-8074A&B (9.2)

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

BIDDER'S NAME	TOTAL AMOUNT BID
1) DIMAS BROS. CONSTRUCTION	\$1,650,595.59
2) R CONSTRUCTION CIVIL	\$1,792,839.29
3) NORTHTEX CONSTRUCTION, LLC.	\$1,842,462.95
4) CROSTEX CONSTRUCTION INC.	\$1,855,000.00
5) CE BARKER, LTD	\$1,860,207.35
6) HARRIS CONSTRUCTION COMPANY, LTD.	\$1,885,952.99
7) TRIPLE B SERVICES, LLP	\$2,162,579.98
8) TLC CONSTRUCTION CONTRACT SERVICES	\$2,279,644.31

CALENDAR DAYS - 80/80



*Kathleen Kinchen*

I, Kathleen Kinchen, P.E., hereby certify these bid tabulations to be true and correct.

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ITEM	DESCRIPTION	UNIT	QTY	1) DIMAS BROS. CONSTRUCTION		2) R CONSTRUCTION CIVIL		3) NORTHTEX CONSTRUCTION, LLC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>WATER SYSTEM ITEMS</b>									
1	8" P.V.C. WATER PIPE, C-900, DR 18, CLASS 150, ALL DEPTHS, COMPLETE IN PLACE	LF	2765	\$20.15	\$55,714.75	\$20.00	\$55,300.00	\$17.50	\$48,387.50
2	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" VALVE & BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	6	\$3,850.00	\$23,100.00	\$5,000.00	\$30,000.00	\$4,100.00	\$24,600.00
3	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	4	\$955.00	\$3,820.00	\$1,000.00	\$4,000.00	\$880.00	\$3,520.00
4	CAST IRON WATERLINE FITTINGS, COMPLETE IN PLACE	TON	0.64	\$1.00	\$0.64	\$2,800.00	\$1,792.00	\$1,850.00	\$1,184.00
5	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2765	\$1.00	\$2,765.00	\$0.05	\$138.25	\$0.10	\$276.50
6	REMOVE AND DISPOSE EXISTING PLUG & CLAMP AND CONNECT PROPOSED WATER LINE, (ALL SIZES), INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, COMPLETE IN PLACE	EA	1	\$350.00	\$350.00	\$200.00	\$200.00	\$210.00	\$210.00
7	WATER SERVICE SLEEVE FOR 3/4" LONG SIDE LEAD (DOES NOT INCLUDE LEAD), COMPLETE IN PLACE	LF	550	\$10.85	\$5,967.50	\$10.00	\$5,500.00	\$7.65	\$4,207.50
8	WATER SERVICE SLEEVE FOR 1" LONG SIDE LEAD (DOES NOT INCLUDE LEAD), COMPLETE IN PLACE	LF	1959	\$11.05	\$21,646.95	\$11.00	\$21,549.00	\$11.50	\$22,528.50
<b>WATER SYSTEM ITEMS SUBTOTAL:</b>					<b>\$113,364.84</b>		<b>\$118,479.25</b>		<b>\$104,914.00</b>
<b>SANITARY SEWER SYSTEM ITEMS</b>									
1	8" PVC SEWER PIPE, ASTM D 2241, SDR 26, 0'-12' DEPTH, COMPLETE IN PLACE	LF	2489	\$28.45	\$70,812.05	\$22.00	\$54,758.00	\$23.50	\$58,491.50
2	10" PVC SEWER PIPE, ASTM D 2241, SDR 26, 0'-12' DEPTH, COMPLETE IN PLACE	LF	581	\$31.75	\$18,446.75	\$27.00	\$15,687.00	\$27.50	\$15,977.50
3	STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, (0' - 8' DEPTH), COMPLETE IN PLACE	EA	18	\$3,844.00	\$69,192.00	\$3,700.00	\$66,600.00	\$3,300.00	\$59,400.00
4	FINAL ADJUSTMENTS TO SANITARY MANHOLES, COMPLETE IN PLACE	EA	18	\$50.00	\$900.00	\$1.00	\$18.00	\$300.00	\$5,400.00
5	EXTRA DEPTH OF SANITARY SEWER MANHOLES. (OVER 8' DEPTH), COMPLETE IN PLACE	VF	34.89	\$165.00	\$5,756.85	\$250.00	\$8,722.50	\$100.00	\$3,489.00
6	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2441, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED BACKFILL, RISER, WYE, PLUG MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	26	\$784.00	\$20,384.00	\$800.00	\$20,800.00	\$1,350.00	\$35,100.00
7	"LONG SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED BACKFILL, RISER WYE, PLUG, MARKER AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	1280	\$33.85	\$43,328.00	\$38.00	\$48,640.00	\$36.00	\$46,080.00
8	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	4351	\$20.00	\$87,020.00	\$20.00	\$87,020.00	\$20.00	\$87,020.00
9	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	3071	\$0.01	\$30.71	\$1.50	\$4,606.50	\$2.65	\$8,138.15
10	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4350	\$1.00	\$4,350.00	\$0.05	\$217.50	\$0.10	\$435.00
11	REMOVE EXISTING SANITARY PLUG (ALL SIZES) AND CONNECT SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$10.00	\$10.00	\$200.00	\$200.00	\$200.00	\$200.00

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 TO SERVE CALDWELL RANCH SECTION 1  
 BRAZORIA-FORT BEND COUNTIES MUNICIPAL UTILITY DISTRICT NO. 3  
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ITEM	DESCRIPTION	UNIT	QTY	1) DIMAS BROS. CONSTRUCTION		2) R CONSTRUCTION CIVIL		3) NORTHTEX CONSTRUCTION, LLC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>SANITARY SEWER SYSTEM ITEMS SUBTOTAL:</b>					<b>\$320,230.36</b>		<b>\$307,269.60</b>		<b>\$319,731.15</b>
<b>DRAINAGE FACILITIES ITEMS</b>									
1	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	656	\$56.80	\$37,260.80	\$60.00	\$39,360.00	\$55.50	\$36,408.00
2	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	290	\$67.00	\$19,430.00	\$80.00	\$23,200.00	\$69.50	\$20,155.00
3	36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	622	\$89.25	\$55,513.50	\$101.00	\$62,822.00	\$92.00	\$57,224.00
4	3' X 3' R.C.B. STORM SEWER BOX CULVERT, ASTM C-1433, ALL DEPTHS, COMPLETE IN PLACE	LF	956	\$190.00	\$181,640.00	\$215.00	\$205,540.00	\$185.00	\$176,860.00
5	7' X 3' R.C.B. STORM SEWER BOX CULVERT, ASTM C-1433, ALL DEPTHS, COMPLETE IN PLACE	LF	447	\$375.00	\$167,625.00	\$440.00	\$196,680.00	\$360.00	\$160,920.00
6	STAGE I - STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	16	\$800.00	\$12,800.00	\$900.00	\$14,400.00	\$1,050.00	\$16,800.00
7	STAGE II - STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND - FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	16	\$1,198.00	\$19,168.00	\$1,600.00	\$25,600.00	\$1,100.00	\$17,600.00
8	STAGE I - STANDARD 10' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	4	\$900.00	\$3,600.00	\$4,200.00	\$16,800.00	\$1,400.00	\$5,600.00
9	STAGE II - STANDARD 10' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	4	\$1,800.00	\$6,400.00	\$2,300.00	\$9,200.00	\$1,300.00	\$5,200.00
10	TYPE "E" INLET, ALL SIDES OPEN, COMPLETE IN PLACE	EA	1	\$2,200.00	\$2,200.00	\$2,900.00	\$2,900.00	\$2,150.00	\$2,150.00
11	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	15	\$2,275.00	\$34,125.00	\$2,400.00	\$36,000.00	\$2,750.00	\$41,250.00
12	JUNCTION BOX WITH TYPE "C" MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$6,584.00	\$19,752.00	\$11,000.00	\$33,000.00	\$3,400.00	\$10,200.00
13	R.C.B. CULVERT BEND OR COLLAR WITH TYPE "C" MANHOLE TOP, COMPLETE IN PLACE	EA	2	\$1,500.00	\$3,000.00	\$1,400.00	\$2,800.00	\$3,350.00	\$6,700.00
14	FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	20	\$50.00	\$1,000.00	\$1.00	\$20.00	\$210.00	\$4,200.00
15	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2971	\$1.00	\$2,971.00	\$0.05	\$148.55	\$0.10	\$297.10
16	OUTFALL STRUCTURE FOR 7' X 3' R.C.B., PER DETAIL, INCLUDES 4" CONCRETE SLOPE PAVING WITH 2' TOE ALL AROUND, AND ALL OTHER APPURTENANCES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$8,884.00	\$8,884.00	\$12,000.00	\$12,000.00	\$14,000.00	\$14,000.00
17	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	2971	\$20.00	\$59,420.00	\$20.00	\$59,420.00	\$20.00	\$59,420.00
18	DRAINAGE SWALE, V-BOTTOM, GRADED TO DRAIN PER GRADING PLAN, COMPLETE IN PLACE	LF	529	\$2.00	\$1,058.00	\$3.00	\$1,587.00	\$1.85	\$872.85
<b>DRAINAGE FACILITIES ITEMS SUBTOTAL:</b>					<b>\$635,847.30</b>		<b>\$741,477.55</b>		<b>\$635,856.95</b>
<b>MISCELLANEOUS WS&amp;D ITEMS</b>									

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1	METHOD "A" CONSTRUCTION STAKING AS PER GBI (CONTACT JON BORDOVSKY AT 281.499.4539), COMPLETE IN PLACE	LS	1	\$12,699.00	\$12,699.00	\$12,699.00	\$12,699.00	\$12,699.00	\$12,699.00
2	INSTALLATION, MAINTENANCE & REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$1,500.00	\$1,500.00	\$2,100.00	\$2,100.00
3	CEMENT STABILIZED SAND (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	250	\$12.00	\$3,000.00	\$12.00	\$3,000.00	\$12.00	\$3,000.00
4	WATER, SANITARY SEWER, AND STORM SEWER UTILITY SPOIL TO BE USED AS LOT FILL PER THE GRADING PLAN, INCLUDES EXCAVATION, HAULING, PLACING, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	5000	\$1.65	\$8,250.00	\$1.00	\$5,000.00	\$2.05	\$10,250.00
5	SILT FENCE INLET PROTECTION BARRIERS, SWMHCA SPECIFICATION NO.4511, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	25	\$1.00	\$25.00	\$50.00	\$1,250.00	\$63.50	\$1,587.50
6	INSTALLATION, MAINTENANCE, AND REMOVAL OF REINFORCED FILTER FABRIC FENCE SWMHCA SPECIFICATIONS NO.4311, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	4034	\$0.01	\$40.34	\$1.25	\$5,042.50	\$1.35	\$5,445.90
7	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING CONTRACTOR BOOKLET, NOI AND NOT, COMPLETE IN PLACE	LS	1	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$1,250.00	\$1,250.00
8	MISCELLANEOUS CLEARING, GRUBBING, AND HAULING OFFSITE OF CLEARED MATERIAL AS NEEDED, (TO BE DONE ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$1,000.00	\$1,000.00	\$5,000.00	\$5,000.00	\$2,750.00	\$2,750.00
9	POLY WRAP AS PER ALPHA TESTING DETAIL, (TO BE DONE ONLY AT THE DIRECTION OF THE GEOTECHNICAL ENGINEER), COMPLETE IN PLACE	SF	464131	\$0.02	\$9,282.62	\$0.04	\$18,565.24	\$0.25	\$116,032.75
<b>MISCELLANEOUS WS&amp;D ITEMS SUBTOTAL:</b>					<b>\$35,596.96</b>		<b>\$53,056.74</b>		<b>\$155,115.15</b>
<b>PAVING AND APPURTENANCES IMPROVEMENT ITEMS</b>									
1	6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	10069	\$38.00	\$382,622.00	\$37.00	\$372,553.00	\$38.50	\$387,656.50
2	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	1371	\$3.25	\$4,455.75	\$3.50	\$4,798.50	\$3.65	\$5,004.15
3	4" X 12" REINFORCED CONCRETE CURB WITH POLYETHYLENE FIBERS, COMPLETE IN PLACE	LF	4685	\$3.25	\$15,226.25	\$3.50	\$16,397.50	\$3.65	\$17,100.25
4	6" LIME STABILIZED SUBGRADE, INCLUDES COMPACTION TO 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	SY	10742	\$2.10	\$22,558.20	\$2.75	\$29,540.50	\$2.30	\$24,706.80
5	LIME FOR SUBGRADE PREPARATION (8% BY WEIGHT, 36 LBS/SY), AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	193.36	\$198.00	\$38,285.28	\$200.00	\$38,672.00	\$185.00	\$35,771.60
6	COMMON ROADWAY EXCAVATION TO BE USED FOR ONSITE ROADWAY, LOT FILL AND IN SPECIFIED FILL AREAS, (PER GRADING PLAN), INCLUDES EXCAVATION, HAULING, PLACING AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE	CY	2953	\$4.00	\$11,812.00	\$3.50	\$10,335.50	\$4.80	\$14,174.40
7	FINAL LOT GRADING, INCLUDING STRIPPING AND PROOFROLLING, HAULING, PLACEMENT AND COMPACTION OF MATERIALS AND REPLACEMENT OF STRIPPINGS, COMPLETE IN PLACE	EA	96	\$125.00	\$12,000.00	\$175.00	\$16,800.00	\$120.00	\$11,520.00
8	TYPE 7 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	6	\$1,100.00	\$6,600.00	\$1,500.00	\$9,000.00	\$1,000.00	\$6,000.00

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9	PERMANENT TRAFFIC CONTROL DEVICES, INCLUDING TRAFFIC BUTTONS, PAVEMENT STRIPING, MARKERS, REFLECTIVE PAINT ON MEDIAN NOSES, STOP SIGNS, STREET SIGNS, AND ALL OTHER TRAFFIC SIGNS SHOWN IN PLANS, ETC., COMPLETE IN PLACE	LS	1	\$6,000.00	\$6,000.00	\$7,000.00	\$7,000.00	\$3,700.00	\$3,700.00
10	4" SQUARE DOUBLE REFLECTORIZED BLUE TRAFFIC BUTTONS FOR FIRE HYDRANT LOCATION, COMPLETE IN PLACE	EA	6	\$10.00	\$60.00	\$12.00	\$72.00	\$10.50	\$63.00
11	REMOVE AND DISPOSE EXISTING TYPE III BARRICADE, ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	1	\$100.00	\$100.00	\$1.00	\$1.00	\$120.00	\$120.00
12	HYDRO-MULCH SEEDING OF RIGHT-OF-WAYS AND MEDIANS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1.6	\$500.00	\$800.00	\$1,500.00	\$2,400.00	\$1,950.00	\$3,120.00
13	BROADCAST SEEDING (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	16.88	\$100.00	\$1,688.00	\$600.00	\$10,128.00	\$680.00	\$11,647.20
<b>PAVING AND APPURTENANCES IMPROVEMENT ITEMS SUBTOTAL:</b>					<b>\$502,207.48</b>		<b>\$517,698.00</b>		<b>\$520,583.70</b>
<b>MISCELLANEOUS PAVING ITEMS</b>									
1	METHOD "A" CONSTRUCTION STAKING AS PER GBI (CONTACT JON BORDOVSKY AT 281.499.4539.), COMPLETE IN PLACE	LS	1	\$6,064.00	\$6,064.00	\$6,064.00	\$6,064.00	\$6,064.00	\$6,064.00
2	INLET PROTECTION BARRIERS, SWMHCA SPECIFICATION NO.4511, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	25	\$50.00	\$1,250.00	\$50.00	\$1,250.00	\$79.50	\$1,987.50
3	INSTALLATION AND REMOVAL OF REINFORCED FILTER FABRIC FENCE (BACK OF CURB) SWMHCA SPECIFICATIONS NO. 4311, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	5965	\$0.01	\$59.65	\$1.25	\$7,456.25	\$1.60	\$9,544.00
4	INSTALLATION AND REMOVAL UPON COMPLETION OF CONCRETE WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$500.00	\$500.00	\$795.00	\$795.00
5	5' REINFORCED CONCRETE SIDEWALK, COMPLETE IN PLACE	LF	1271	\$25.00	\$31,775.00	\$28.00	\$35,588.00	\$66.50	\$84,521.50
6	FINAL LOT GRADING AS-BUILT SURVEYS TO VERIFY LOT GRADING DETAIL. SEE LOT GRADING DETAIL ON SHEET 14 OF 32 OF CONSTRUCTION PLAN, COMPLETE IN PLACE	LS	1	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00
7	6" P.V.C. SCHEDULE 40 IRRIGATION SLEEVES (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	50	\$18.00	\$900.00	\$30.00	\$1,500.00	\$17.00	\$850.00
<b>MISCELLANEOUS PAVING ITEMS SUBTOTAL:</b>					<b>\$43,348.65</b>		<b>\$54,858.25</b>		<b>\$106,262.00</b>
<b>BIDDING SUMMARY</b>									
SUBTOTAL WATER SYSTEM ITEMS					\$113,364.84		\$118,479.25		\$104,914.00
SUBTOTAL SANITARY SEWER SYSTEM ITEMS					\$320,230.36		\$307,269.50		\$319,731.15
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$635,847.30		\$741,477.55		\$635,856.95
SUBTOTAL MISCELLANEOUS WS&D ITEMS					\$35,596.96		\$53,058.74		\$155,115.15
SUBTOTAL PAVING AND APPURTENANCES IMPROVEMENT ITEMS					\$502,207.48		\$517,698.00		\$520,583.70
SUBTOTAL MISCELLANEOUS PAVING ITEMS					\$43,348.65		\$54,858.25		\$106,262.00
<b>TOTAL AMOUNT BASE BID</b>					<b>\$1,660,595.59</b>		<b>\$1,792,839.29</b>		<b>\$1,842,462.95</b>

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

CONSTRUCTION OF WATER, SANITARY SEWER, DRAINAGE FACILITIES AND PAVING AND APPURTENANCES  
 TO SERVE CALDWELL RANCH SECTION 1  
 BRAZORIA-FORT BEND COUNTIES MUNICIPAL UTILITY DISTRICT NO. 3  
 CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS  
 OCTOBER 28, 2020  
 LJA ENGINEERING, INC.  
 D. FORREST  
 OCTOBER 28, 2020  
 1931-8074A&B (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) CROSTEX CONSTRUCTION INC		5) CE BARKER, LTD		6) HARRIS CONSTRUCTION COMPANY, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>WATER SYSTEM ITEMS</b>									
1	8" P.V.C. WATER PIPE, C-900, DR 18, CLASS 150, ALL DEPTHS, COMPLETE IN PLACE	LF	2765	\$19.00	\$52,535.00	\$15.39	\$42,553.35	\$18.25	\$50,461.25
2	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" VALVE & BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	6	\$4,400.00	\$26,400.00	\$4,294.47	\$25,766.82	\$4,800.00	\$28,800.00
3	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	4	\$965.00	\$3,860.00	\$1,042.50	\$4,170.00	\$1,200.00	\$4,800.00
4	CAST IRON WATERLINE FITTINGS, COMPLETE IN PLACE	TON	0.64	\$3,000.00	\$1,920.00	\$7,681.98	\$4,916.47	\$2,100.00	\$1,344.00
5	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2765	\$0.10	\$276.50	\$0.11	\$304.15	\$0.25	\$691.25
6	REMOVE AND DISPOSE EXISTING PLUG & CLAMP AND CONNECT PROPOSED WATER LINE, (ALL SIZES), INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, COMPLETE IN PLACE	EA	1	\$100.00	\$100.00	\$555.81	\$555.81	\$200.00	\$200.00
7	WATER SERVICE SLEEVE FOR 3/4" LONG SIDE LEAD (DOES NOT INCLUDE LEAD), COMPLETE IN PLACE	LF	550	\$13.00	\$7,150.00	\$15.36	\$8,448.00	\$5.00	\$2,750.00
8	WATER SERVICE SLEEVE FOR 1" LONG SIDE LEAD (DOES NOT INCLUDE LEAD), COMPLETE IN PLACE	LF	1959	\$13.00	\$25,467.00	\$15.91	\$31,167.69	\$6.00	\$11,754.00
<b>WATER SYSTEM ITEMS SUBTOTAL:</b>					<b>\$117,708.50</b>		<b>\$117,882.29</b>		<b>\$100,800.50</b>
<b>SANITARY SEWER SYSTEM ITEMS</b>									
1	8" PVC SEWER PIPE, ASTM D 2241, SDR 26, 0'-12' DEPTH, COMPLETE IN PLACE	LF	2489	\$24.00	\$59,736.00	\$31.49	\$78,378.61	\$31.50	\$78,403.50
2	10" PVC SEWER PIPE, ASTM D 2241, SDR 26, 0'-12' DEPTH, COMPLETE IN PLACE	LF	581	\$30.00	\$17,430.00	\$35.35	\$20,538.35	\$37.00	\$21,497.00
3	STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, (0' - 8' DEPTH), COMPLETE IN PLACE	EA	18	\$2,750.00	\$49,500.00	\$3,044.50	\$54,801.00	\$3,200.00	\$57,600.00
4	FINAL ADJUSTMENTS TO SANITARY MANHOLES, COMPLETE IN PLACE	EA	18	\$50.00	\$900.00	\$0.01	\$0.18	\$800.00	\$10,800.00
5	EXTRA DEPTH OF SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	34.89	\$275.00	\$9,594.75	\$190.40	\$6,643.06	\$250.00	\$8,722.50
6	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2441, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED BACKFILL, RISER, WYE, PLUG MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	26	\$820.00	\$21,320.00	\$866.93	\$22,540.18	\$625.00	\$16,250.00
7	"LONG SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED BACKFILL, RISER WYE, PLUG, MARKER AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	1280	\$28.75	\$36,800.00	\$46.40	\$59,392.00	\$46.50	\$59,520.00
8	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	4351	\$20.00	\$87,020.00	\$20.00	\$87,020.00	\$20.00	\$87,020.00
9	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	3071	\$1.00	\$3,071.00	\$0.01	\$30.71	\$3.50	\$10,748.50
10	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4350	\$3.00	\$13,050.00	\$0.11	\$478.50	\$0.25	\$1,087.50
11	REMOVE EXISTING SANITARY PLUG (ALL SIZES) AND CONNECT SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$1,250.00	\$1,250.00	\$372.61	\$372.61	\$100.00	\$100.00

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CONSTRUCTION OF WATER, SANITARY SEWER, DRAINAGE FACILITIES AND PAVING AND APPURTENANCES  
 TO SERVE CALDWELL RANCH SECTION 1  
 BRAZORIA-FORT BEND COUNTIES MUNICIPAL UTILITY DISTRICT NO. 3  
 CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS  
 OCTOBER 28, 2020  
 LJA ENGINEERING, INC.  
 D. FORREST  
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 1931-8074A&B (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) CROSTEX CONSTRUCTION INC		5) CE BARKER, LTD		6) HARRIS CONSTRUCTION COMPANY, LTD.		
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
<b>SANITARY SEWER SYSTEM ITEMS SUBTOTAL:</b>					<b>\$299,671.75</b>		<b>\$330,195.20</b>		<b>\$351,749.00</b>	
<b>DRAINAGE FACILITIES ITEMS</b>										
1	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	656	\$55.00	\$36,080.00	\$58.11	\$38,120.16	\$64.00	\$41,984.00	
2	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	290	\$68.00	\$19,720.00	\$71.84	\$20,833.60	\$77.00	\$22,330.00	
3	36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	622	\$93.00	\$57,846.00	\$96.97	\$60,315.34	\$102.00	\$63,444.00	
4	3' X 3' R.C.B. STORM SEWER BOX CULVERT, ASTM C-1433, ALL DEPTHS, COMPLETE IN PLACE	LF	956	\$200.00	\$191,200.00	\$181.84	\$173,839.04	\$215.00	\$205,540.00	
5	7' X 3' R.C.B. STORM SEWER BOX CULVERT, ASTM C-1433, ALL DEPTHS, COMPLETE IN PLACE	LF	447	\$420.00	\$187,740.00	\$361.83	\$161,738.01	\$420.00	\$187,740.00	
6	STAGE I – STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	16	\$1,800.00	\$28,800.00	\$1,302.34	\$20,837.44	\$900.00	\$14,400.00	
7	STAGE II – STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND – FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	16	\$350.00	\$5,600.00	\$1,188.10	\$19,009.60	\$1,500.00	\$24,000.00	
8	STAGE I – STANDARD 10' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	4	\$2,100.00	\$8,400.00	\$1,416.58	\$5,666.32	\$900.00	\$3,600.00	
9	STAGE II – STANDARD 10' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	4	\$700.00	\$2,800.00	\$1,530.82	\$6,123.28	\$2,650.00	\$10,600.00	
10	TYPE "E" INLET, ALL SIDES OPEN, COMPLETE IN PLACE	EA	1	\$3,100.00	\$3,100.00	\$2,827.52	\$2,827.52	\$4,000.00	\$4,000.00	
11	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	15	\$2,600.00	\$39,000.00	\$2,284.80	\$34,272.00	\$3,500.00	\$52,500.00	
12	JUNCTION BOX WITH TYPE "C" MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$11,000.00	\$33,000.00	\$8,701.66	\$26,104.98	\$7,900.00	\$23,700.00	
13	R.C.B. CULVERT BEND OR COLLAR WITH TYPE "C" MANHOLE TOP, COMPLETE IN PLACE	EA	2	\$11,000.00	\$22,000.00	\$3,067.34	\$6,134.68	\$1,500.00	\$3,000.00	
14	FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	20	\$50.00	\$1,000.00	\$0.01	\$0.20	\$250.00	\$5,000.00	
15	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2971	\$0.10	\$297.10	\$0.11	\$326.81	\$0.25	\$742.75	
16	OUTFALL STRUCTURE FOR 7' X 3' R.C.B., PER DETAIL, INCLUDES 4" CONCRETE SLOPE PAVING WITH 2' TOE ALL AROUND, AND ALL OTHER APPURTENANCES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$39,500.00	\$39,500.00	\$12,677.21	\$12,677.21	\$6,200.00	\$6,200.00	
17	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	2971	\$20.00	\$59,420.00	\$20.00	\$59,420.00	\$20.00	\$59,420.00	
18	DRAINAGE SWALE, V-BOTTOM, GRADED TO DRAIN PER GRADING PLAN, COMPLETE IN PLACE	LF	529	\$3.00	\$1,587.00	\$5.41	\$2,861.89	\$2.50	\$1,322.50	
<b>DRAINAGE FACILITIES ITEMS SUBTOTAL:</b>					<b>\$737,090.10</b>		<b>\$650,908.08</b>		<b>\$729,523.25</b>	
<b>MISCELLANEOUS WS&amp;D ITEMS</b>										

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CONSTRUCTION OF WATER, SANITARY SEWER, DRAINAGE FACILITIES AND PAVING AND APPURTENANCES  
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 CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS  
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 LJA ENGINEERING, INC.  
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 1831-8074A&B (9.2)

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ITEM	DESCRIPTION	UNIT	QTY	4) CROSTEX CONSTRUCTION INC.		5) CE BARKER, LTD		6) HARRIS CONSTRUCTION COMPANY, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1	METHOD "A" CONSTRUCTION STAKING AS PER GBI (CONTACT JON BORDOVSKY AT 281.489.4539), COMPLETE IN PLACE	LS	1	\$18,000.00	\$18,000.00	\$12,699.00	\$12,699.00	\$12,609.00	\$12,699.00
2	INSTALLATION, MAINTENANCE & REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$3,038.78	\$3,038.78	\$1,800.00	\$1,800.00
3	CEMENT STABILIZED SAND (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	250	\$12.00	\$3,000.00	\$12.00	\$3,000.00	\$12.00	\$3,000.00
4	WATER, SANITARY SEWER, AND STORM SEWER UTILITY SPOIL TO BE USED AS LOT FILL PER THE GRADING PLAN, INCLUDES EXCAVATION, HAULING, PLACING, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	5000	\$1.50	\$7,500.00	\$2.40	\$12,000.00	\$2.00	\$10,000.00
5	SILT FENCE INLET PROTECTION BARRIERS, SWMHCA SPECIFICATION NO.4511, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	25	\$105.00	\$2,625.00	\$57.12	\$1,428.00	\$40.00	\$1,000.00
6	INSTALLATION, MAINTENANCE, AND REMOVAL OF REINFORCED FILTER FABRIC FENCE SWMHCA SPECIFICATIONS NO.4311, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	4034	\$1.50	\$6,051.00	\$2.28	\$9,197.52	\$1.35	\$5,445.90
7	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING CONTRACTOR BOOKLET, NOI AND NOT, COMPLETE IN PLACE	LS	1	\$2,407.01	\$2,407.01	\$571.20	\$571.20	\$500.00	\$500.00
8	MISCELLANEOUS CLEARING, GRUBBING, AND HAULING OFFSITE OF CLEARED MATERIAL AS NEEDED, (TO BE DONE ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$5,000.00	\$5,000.00	\$9,139.20	\$9,139.20	\$5,000.00	\$5,000.00
9	POLY WRAP AS PER ALPHA TESTING DETAIL, (TO BE DONE ONLY AT THE DIRECTION OF THE GEOTECHNICAL ENGINEER), COMPLETE IN PLACE	SF	464131	\$0.13	\$60,337.03	\$0.07	\$32,489.17	\$0.09	\$41,771.79
<b>MISCELLANEOUS WS&amp;D ITEMS SUBTOTAL:</b>					<b>\$106,420.04</b>		<b>\$83,662.87</b>		<b>\$81,216.69</b>
<b>PAVING AND APPURTENANCES IMPROVEMENT ITEMS</b>									
1	6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	10069	\$39.50	\$397,725.50	\$41.24	\$415,245.56	\$41.00	\$412,829.00
2	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	1371	\$3.45	\$4,729.95	\$3.71	\$5,086.41	\$3.05	\$4,181.55
3	4" X 12" REINFORCED CONCRETE CURB WITH POLYETHYLENE FIBERS, COMPLETE IN PLACE	LF	4685	\$3.45	\$16,163.25	\$3.71	\$17,381.35	\$3.05	\$14,289.25
4	6" LIME STABILIZED SUBGRADE, INCLUDES COMPACTION TO 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	SY	10742	\$2.40	\$25,780.80	\$2.88	\$28,788.56	\$2.20	\$23,632.40
5	LIME FOR SUBGRADE PREPARATION (8% BY WEIGHT, 36 LBS/SY), AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	193.36	\$216.00	\$41,765.76	\$240.02	\$46,410.27	\$210.00	\$40,605.60
6	COMMON ROADWAY EXCAVATION TO BE USED FOR ONSITE ROADWAY, LOT FILL AND IN SPECIFIED FILL AREAS, (PER GRADING PLAN), INCLUDES EXCAVATION, HAULING, PLACING AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE	CY	2953	\$4.20	\$12,402.60	\$9.82	\$28,998.46	\$3.00	\$8,859.00
7	FINAL LOT GRADING, INCLUDING STRIPPING AND PROOFROLLING, HAULING, PLACEMENT AND COMPACTION OF MATERIALS AND REPLACEMENT OF STRIPPINGS, COMPLETE IN PLACE	EA	96	\$132.00	\$12,672.00	\$171.47	\$16,461.12	\$125.00	\$12,000.00
8	TYPE 7 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	6	\$1,260.00	\$7,560.00	\$2,056.43	\$12,338.58	\$1,250.00	\$7,500.00



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 TO SERVE CALDWELL RANCH SECTION 1  
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ITEM	DESCRIPTION	UNIT	QTY	4) CROSTEX CONSTRUCTION INC.		5) CE BARKER, LTD		6) HARRIS CONSTRUCTION COMPANY, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
9	PERMANENT TRAFFIC CONTROL DEVICES, INCLUDING TRAFFIC BUTTONS, PAVEMENT STRIPING, MARKERS, REFLECTIVE PAINT ON MEDIAN NOSES, STOP SIGNS, STREET SIGNS, AND ALL OTHER TRAFFIC SIGNS SHOWN IN PLANS, ETC., COMPLETE IN PLACE	LS	1	\$8,750.00	\$8,750.00	\$9,710.51	\$9,710.51	\$9,500.00	\$9,500.00
10	4" SQUARE DOUBLE REFLECTORIZED BLUE TRAFFIC BUTTONS FOR FIRE HYDRANT LOCATION, COMPLETE IN PLACE	EA	6	\$11.00	\$66.00	\$10.39	\$62.34	\$12.00	\$72.00
11	REMOVE AND DISPOSE EXISTING TYPE III BARRICADE, ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	1	\$210.00	\$210.00	\$228.59	\$228.59	\$200.00	\$200.00
12	HYDRO-MULCH SEEDING OF RIGHT-OF-WAYS AND MEDIANS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1.6	\$1,850.00	\$2,960.00	\$1,999.31	\$3,198.90	\$2,400.00	\$3,840.00
13	BROADCAST SEEDING (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	16.88	\$550.00	\$9,284.00	\$1,428.11	\$24,106.50	\$850.00	\$14,348.00
<b>PAVING AND APPURTENANCES IMPROVEMENT ITEMS SUBTOTAL:</b>					<b>\$540,069.86</b>	<b>\$608,017.15</b>		<b>\$551,856.80</b>	
<b>MISCELLANEOUS PAVING ITEMS</b>									
1	METHOD "A" CONSTRUCTION STAKING AS PER GBI (CONTACT JON BORDOVSKY AT 281.499.4539), COMPLETE IN PLACE	LS	1	\$6,100.00	\$6,100.00	\$6,064.00	\$6,064.00	\$6,064.00	\$6,064.00
2	INLET PROTECTION BARRIERS, SWMHCA SPECIFICATION NO 4511, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	25	\$105.00	\$2,625.00	\$57.23	\$1,430.75	\$50.00	\$1,250.00
3	INSTALLATION AND REMOVAL OF REINFORCED FILTER FABRIC FENCE (BACK OF CURB) SWMHCA SPECIFICATIONS NO. 4311, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	5965	\$1.50	\$8,947.50	\$2.68	\$15,986.20	\$1.35	\$8,052.75
4	INSTALLATION AND REMOVAL UPON COMPLETION OF CONCRETE WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$1,260.00	\$1,260.00	\$1,713.71	\$1,713.71	\$1,000.00	\$1,000.00
5	5' REINFORCED CONCRETE SIDEWALK, COMPLETE IN PLACE	LF	1271	\$24.75	\$31,457.25	\$32.10	\$40,799.10	\$40.00	\$50,840.00
6	FINAL LOT GRADING AS-BUILT SURVEYS TO VERIFY LOT GRADING DETAIL. SEE LOT GRADING DETAIL ON SHEET 14 OF 32 OF CONSTRUCTION PLAN, COMPLETE IN PLACE	LS	1	\$2,750.00	\$2,750.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00
7	6" P.V.C. SCHEDULE 40 IRRIGATION SLEEVES (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	50	\$18.00	\$900.00	\$22.96	\$1,148.00	\$22.00	\$1,100.00
<b>MISCELLANEOUS PAVING ITEMS SUBTOTAL:</b>					<b>\$54,039.75</b>	<b>\$69,641.76</b>		<b>\$70,806.75</b>	
<b>BIDDING SUMMARY</b>									
SUBTOTAL WATER SYSTEM ITEMS					\$117,708.50	\$117,882.29		\$100,800.50	
SUBTOTAL SANITARY SEWER SYSTEM ITEMS					\$299,671.75	\$330,195.20		\$351,749.00	
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$737,090.10	\$650,908.08		\$729,523.25	
SUBTOTAL MISCELLANEOUS WS&D ITEMS					\$108,420.04	\$83,562.87		\$81,216.69	
SUBTOTAL PAVING AND APPURTENANCES IMPROVEMENT ITEMS					\$540,069.86	\$608,017.15		\$551,856.80	
SUBTOTAL MISCELLANEOUS PAVING ITEMS					\$54,039.75	\$69,641.76		\$70,806.75	
<b>TOTAL AMOUNT BASE BID</b>					<b>\$1,865,000.00</b>	<b>\$1,860,207.35</b>		<b>\$1,885,952.99</b>	

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 OCTOBER 28, 2020  
 1931-8074A&B (9.2)

ITEM	DESCRIPTION	UNIT	QTY	7) TRIPLE B SERVICES, LLP		8) TLC CONSTRUCTION CONTRACT SERVICES	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>WATER SYSTEM ITEMS</b>							
1	8" P.V.C. WATER PIPE, C-900, DR 18, CLASS 150, ALL DEPTHS, COMPLETE IN PLACE	LF	2765	\$25.00	\$69,125.00	\$22.00	\$60,830.00
2	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" VALVE & BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	6	\$4,500.00	\$27,000.00	\$4,874.00	\$29,244.00
3	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	4	\$1,400.00	\$5,600.00	\$1,362.00	\$5,448.00
4	CAST IRON WATERLINE FITTINGS, COMPLETE IN PLACE	TON	0.64	\$2,800.00	\$1,792.00	\$5,387.00	\$3,447.68
5	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2765	\$0.10	\$276.50	\$0.01	\$27.65
6	REMOVE AND DISPOSE EXISTING PLUG & CLAMP AND CONNECT PROPOSED WATER LINE, (ALL SIZES), INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, COMPLETE IN PLACE	EA	1	\$600.00	\$600.00	\$482.00	\$482.00
7	WATER SERVICE SLEEVE FOR 3/4" LONG SIDE LEAD (DOES NOT INCLUDE LEAD), COMPLETE IN PLACE	LF	550	\$15.00	\$8,250.00	\$21.00	\$11,550.00
8	WATER SERVICE SLEEVE FOR 1" LONG SIDE LEAD (DOES NOT INCLUDE LEAD), COMPLETE IN PLACE	LF	1959	\$16.00	\$31,344.00	\$21.00	\$41,139.00
<b>WATER SYSTEM ITEMS SUBTOTAL:</b>					<b>\$143,987.60</b>		<b>\$152,168.33</b>
<b>SANITARY SEWER SYSTEM ITEMS</b>							
1	8" PVC SEWER PIPE, ASTM D 2241, SDR 26, 0'-12' DEPTH, COMPLETE IN PLACE	LF	2489	\$38.00	\$94,582.00	\$30.00	\$74,670.00
2	10" PVC SEWER PIPE, ASTM D 2241, SDR 26, 0'-12' DEPTH, COMPLETE IN PLACE	LF	581	\$46.00	\$26,726.00	\$159.00	\$92,379.00
3	STANDARD SANITARY SEWER MANHOLE FOR 6" – 24" SANITARY SEWER PIPES, (0' – 8' DEPTH), COMPLETE IN PLACE	EA	18	\$4,375.00	\$78,750.00	\$3,689.00	\$66,402.00
4	FINAL ADJUSTMENTS TO SANITARY MANHOLES, COMPLETE IN PLACE	EA	18	\$1.00	\$18.00	\$228.00	\$4,104.00
5	EXTRA DEPTH OF SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	34.89	\$210.00	\$7,326.90	\$253.00	\$8,827.17
6	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2441, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED BACKFILL, RISER, WYE, PLUG MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	26	\$895.00	\$23,270.00	\$922.00	\$23,972.00
7	"LONG SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED BACKFILL, RISER WYE, PLUG, MARKER AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	1280	\$39.20	\$50,176.00	\$46.00	\$58,880.00
8	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	4351	\$25.00	\$108,775.00	\$20.00	\$87,020.00
9	T.V. INSPECTION OF SANITARY SEWER LINES, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	3071	\$2.95	\$9,059.45	\$2.00	\$6,142.00
10	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4350	\$0.10	\$435.00	\$0.01	\$43.50
11	REMOVE EXISTING SANITARY PLUG (ALL SIZES) AND CONNECT SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$74.00	\$74.00

**BID TABULATION FOR:**

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CONSTRUCTION OF WATER, SANITARY SEWER, DRAINAGE FACILITIES AND PAVING AND APPURTENANCES  
 TO SERVE CALDWELL RANCH SECTION 1  
 BRAZORIA-FORT BEND COUNTIES MUNICIPAL UTILITY DISTRICT NO. 3  
 CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS  
 OCTOBER 28, 2020  
 LJA ENGINEERING, INC.  
 D. FORREST  
 OCTOBER 28, 2020  
 1931-8074A&B (9.2)

7) TRIPLE B SERVICES, LLP

8) TLC CONSTRUCTION CONTRACT SERVICES

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>SANITARY SEWER SYSTEM ITEMS SUBTOTAL:</b>					<b>\$399,618.35</b>		<b>\$422,513.67</b>
<b>DRAINAGE FACILITIES ITEMS</b>							
1	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	656	\$74.00	\$48,544.00	\$68.00	\$44,608.00
2	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	290	\$90.00	\$26,100.00	\$85.00	\$24,650.00
3	36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	622	\$115.00	\$71,530.00	\$106.00	\$65,932.00
4	3' X 3' R.C.B. STORM SEWER BOX CULVERT, ASTM C-1433, ALL DEPTHS, COMPLETE IN PLACE	LF	956	\$215.00	\$205,540.00	\$194.00	\$185,464.00
5	7' X 3' R.C.B. STORM SEWER BOX CULVERT, ASTM C-1433, ALL DEPTHS, COMPLETE IN PLACE	LF	447	\$410.00	\$183,270.00	\$418.00	\$186,846.00
6	STAGE I - STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	16	\$1,800.00	\$28,800.00	\$2,219.00	\$35,504.00
7	STAGE II - STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	16	\$1,500.00	\$24,000.00	\$495.00	\$7,920.00
8	STAGE I - STANDARD 10' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	4	\$1,500.00	\$6,000.00	\$3,321.00	\$13,284.00
9	STAGE II - STANDARD 10' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	4	\$2,950.00	\$11,800.00	\$495.00	\$1,980.00
10	TYPE "E" INLET, ALL SIDES OPEN, COMPLETE IN PLACE	EA	1	\$4,500.00	\$4,500.00	\$4,378.00	\$4,378.00
11	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	15	\$4,000.00	\$60,000.00	\$3,263.00	\$48,945.00
12	JUNCTION BOX WITH TYPE "C" MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$8,700.00	\$26,100.00	\$7,826.00	\$23,478.00
13	R.C.B. CULVERT BEND OR COLLAR WITH TYPE "C" MANHOLE TOP, COMPLETE IN PLACE	EA	2	\$4,600.00	\$9,200.00	\$2,586.00	\$5,172.00
14	FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	20	\$1.00	\$20.00	\$228.00	\$4,560.00
15	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2971	\$0.10	\$297.10	\$0.01	\$29.71
16	OUTFALL STRUCTURE FOR 7' X 3' R.C.B., PER DETAIL, INCLUDES 4" CONCRETE SLOPE PAVING WITH 2" TOE ALL AROUND, AND ALL OTHER APPURTENANCES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$21,000.00	\$21,000.00	\$6,628.00	\$6,628.00
17	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	2971	\$25.00	\$74,275.00	\$20.00	\$59,420.00
18	DRAINAGE SWALE, V-BOTTOM, GRADED TO DRAIN PER GRADING PLAN, COMPLETE IN PLACE	LF	529	\$3.10	\$1,639.90	\$2.00	\$1,058.00
<b>DRAINAGE FACILITIES ITEMS SUBTOTAL:</b>					<b>\$802,616.00</b>		<b>\$719,856.71</b>
<b>MISCELLANEOUS WS&amp;D ITEMS</b>							

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CONSTRUCTION OF WATER, SANITARY SEWER, DRAINAGE FACILITIES AND PAVING AND APPURTENANCES TO SERVE CALDWELL RANCH SECTION 1 BRAZORIA-FORT BEND COUNTIES MUNICIPAL UTILITY DISTRICT NO. 3 CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS  
 OCTOBER 28, 2020  
 LJA ENGINEERING, INC.  
 D. FORREST  
 OCTOBER 28, 2020  
 1931-8074A&B (9.2)

7) TRIPLE B SERVICES, LLP

8) TLC CONSTRUCTION CONTRACT SERVICES

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1	METHOD "A" CONSTRUCTION STAKING AS PER GBI (CONTACT JON BORDOVSKY AT 281.499.4539.), COMPLETE IN PLACE	LS	1	\$12,699.00	\$12,699.00	\$12,699.00	\$12,699.00
2	INSTALLATION, MAINTENANCE & REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	1	\$3,000.00	\$3,000.00	\$2,273.00	\$2,273.00
3	CEMENT STABILIZED SAND (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	250	\$30.00	\$7,500.00	\$12.00	\$3,000.00
4	WATER, SANITARY SEWER, AND STORM SEWER UTILITY SPOIL TO BE USED AS LOT FILL PER THE GRADING PLAN, INCLUDES EXCAVATION, HAULING, PLACING AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	CY	5000	\$10.00	\$50,000.00	\$2.00	\$10,000.00
5	SILT FENCE INLET PROTECTION BARRIERS, SWMHCA SPECIFICATION NO.4511, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	25	\$55.00	\$1,375.00	\$88.00	\$1,700.00
6	INSTALLATION, MAINTENANCE, AND REMOVAL OF REINFORCED FILTER FABRIC FENCE SWMHCA SPECIFICATIONS NO.4311, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	4034	\$1.95	\$7,866.30	\$1.50	\$6,051.00
7	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING CONTRACTOR BOOKLET, NOI AND NOT, COMPLETE IN PLACE	LS	1	\$2,500.00	\$2,500.00	\$3,068.00	\$3,068.00
8	MISCELLANEOUS CLEARING, GRUBBING, AND HAULING OFFSITE OF CLEARED MATERIAL AS NEEDED, (TO BE DONE ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$4,625.00	\$4,625.00	\$6,000.00	\$6,000.00
9	POLY WRAP AS PER ALPHA TESTING DETAIL, (TO BE DONE ONLY AT THE DIRECTION OF THE GEOTECHNICAL ENGINEER), COMPLETE IN PLACE	SF	464131	\$0.08	\$37,130.48	\$0.50	\$232,065.50
<b>MISCELLANEOUS WS&amp;D ITEMS SUBTOTAL:</b>					<b>\$126,695.78</b>		<b>\$276,856.50</b>
<b>PAVING AND APPURTENANCES IMPROVEMENT ITEMS</b>							
1	6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	10069	\$42.00	\$422,898.00	\$45.00	\$453,105.00
2	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	1371	\$3.90	\$5,346.90	\$5.00	\$6,855.00
3	4" X 12" REINFORCED CONCRETE CURB WITH POLYETHYLENE FIBERS, COMPLETE IN PLACE	LF	4685	\$3.90	\$18,271.50	\$5.00	\$23,425.00
4	6" LIME STABILIZED SUBGRADE, INCLUDES COMPACTION TO 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	SY	10742	\$4.90	\$52,635.80	\$3.75	\$40,282.50
5	LIME FOR SUBGRADE PREPARATION (8% BY WEIGHT, 36 LBS/SY), AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	193.36	\$185.00	\$35,771.60	\$189.00	\$38,478.64
6	COMMON ROADWAY EXCAVATION TO BE USED FOR ONSITE ROADWAY, LOT FILL AND IN SPECIFIED FILL AREAS, (PER GRADING PLAN), INCLUDES EXCAVATION, HAULING, PLACING AND COMPACTION TO 95% STANDARD PROCTOR DENSITY WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE	CY	2953	\$8.10	\$23,919.30	\$9.00	\$26,577.00
7	FINAL LOT GRADING, INCLUDING STRIPPING AND PROOFROLLING, HAULING, PLACEMENT AND COMPACTION OF MATERIALS AND REPLACEMENT OF STRIPPINGS, COMPLETE IN PLACE	EA	96	\$210.00	\$20,160.00	\$172.00	\$16,512.00
8	TYPE 7 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	6	\$2,150.00	\$12,900.00	\$1,928.00	\$11,568.00

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CONSTRUCTION OF WATER, SANITARY SEWER, DRAINAGE FACILITIES AND PAVING AND APPURTENANCES  
 TO SERVE CALDWELL RANCH SECTION 1  
 BRAZORIA-FORT BEND COUNTIES MUNICIPAL UTILITY DISTRICT NO. 3  
 CITY OF ALVIN E.T.J., FORT BEND COUNTY, TEXAS  
 OCTOBER 28, 2020  
 LJA ENGINEERING, INC.  
 D. FORREST  
 OCTOBER 28, 2020  
 1931-8074A&B (9.2)

## 7) TRIPLE B SERVICES, LLP

## 8) TLC CONSTRUCTION CONTRACT SERVICES

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
9	PERMANENT TRAFFIC CONTROL DEVICES, INCLUDING TRAFFIC BUTTONS, PAVEMENT STRIPING, MARKERS, REFLECTIVE PAINT ON MEDIAN NOSES, STOP SIGNS, STREET SIGNS, AND ALL OTHER TRAFFIC SIGNS SHOWN IN PLANS, ETC., COMPLETE IN PLACE	LS	1	\$7,300.00	\$7,300.00	\$3,409.00	\$3,409.00
10	4" SQUARE DOUBLE REFLECTORIZED BLUE TRAFFIC BUTTONS FOR FIRE HYDRANT LOCATION, COMPLETE IN PLACE	EA	6	\$12.00	\$72.00	\$5.00	\$30.00
11	REMOVE AND DISPOSE EXISTING TYPE III BARRICADE, ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	1	\$100.00	\$100.00	\$57.00	\$57.00
12	HYDRO-MULCH SEEDING OF RIGHT-OF-WAYS AND MEDIANS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1.6	\$1,750.00	\$2,800.00	\$4,867.00	\$7,787.20
13	BROADCAST SEEDING (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	16.88	\$800.00	\$13,504.00	\$852.00	\$14,381.76
<b>PAVING AND APPURTENANCES IMPROVEMENT ITEMS SUBTOTAL:</b>					<b>\$615,679.10</b>		<b>\$842,468.10</b>
<b>MISCELLANEOUS PAVING ITEMS</b>							
1	METHOD "A" CONSTRUCTION STAKING AS PER GBI (CONTACT JON BORDOVSKY AT 281.499.4539.), COMPLETE IN PLACE	LS	1	\$6,064.00	\$6,064.00	\$6,064.00	\$6,064.00
2	INLET PROTECTION BARRIERS, SWMHCA SPECIFICATION NO.4511, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	25	\$55.00	\$1,375.00	\$68.00	\$1,700.00
3	INSTALLATION AND REMOVAL OF REINFORCED FILTER FABRIC FENCE (BACK OF CURB) SWMHCA SPECIFICATIONS NO. 4311, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	5965	\$1.95	\$11,631.75	\$1.00	\$5,965.00
4	INSTALLATION AND REMOVAL UPON COMPLETION OF CONCRETE WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$3,500.00	\$3,500.00	\$775.00	\$775.00
5	5' REINFORCED CONCRETE SIDEWALK, COMPLETE IN PLACE	LF	1271	\$37.50	\$47,662.50	\$37.00	\$47,027.00
6	FINAL LOT GRADING AS-BUILT SURVEYS TO VERIFY LOT GRADING DETAIL. SEE LOT GRADING DETAIL ON SHEET 14 OF 32 OF CONSTRUCTION PLAN, COMPLETE IN PLACE	LS	1	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00
7	6" P.V.C. SCHEDULE 40 IRRIGATION SLEEVES (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	50	\$25.00	\$1,250.00	\$35.00	\$1,750.00
<b>MISCELLANEOUS PAVING ITEMS SUBTOTAL:</b>					<b>\$73,983.25</b>		<b>\$65,781.00</b>
<b>BIDDING SUMMARY</b>							
SUBTOTAL WATER SYSTEM ITEMS					\$143,987.50		\$152,168.33
SUBTOTAL SANITARY SEWER SYSTEM ITEMS					\$399,618.35		\$422,513.67
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$802,616.00		\$719,856.71
SUBTOTAL MISCELLANEOUS WS&D ITEMS					\$126,695.78		\$276,856.50
SUBTOTAL PAVING AND APPURTENANCES IMPROVEMENT ITEMS					\$615,679.10		\$842,468.10
SUBTOTAL MISCELLANEOUS PAVING ITEMS					\$73,983.25		\$65,781.00
<b>TOTAL AMOUNT BASE BID</b>					<b>\$2,162,579.98</b>		<b>\$2,279,644.31</b>