

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES
AND PAVING AND APPURTENANCES
TO SERVE WATERMARK SECTION 1
MUNICIPAL UTILITY DISTRICT
CITY, COUNTY, TEXAS
DECEMBER 22, 2021
LJA ENGINEERING, INC.
D. FORREST
JANUARY 3, 2022
1931-7911A&B (9.2)

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

BIDDER'S NAME	TOTAL BID AMOUNT
1) FELLERS AND CLARK, LP	\$3,090,000.00
2) PRINCIPAL SERVICES, LTD	\$3,169,243.84
3) TRIPLE B SERVICES, LLP	\$4,135,037.19

CALENDAR DAYS - 75/85

LJA Engineering, Inc.



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) FELLERS AND CLARK, LP		2) PRINCIPAL SERVICES, LTD		3) TRIPLE B SERVICES, LLP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER SYSTEM ITEMS									
1.	6" P.V.C. WATER PIPE, C-900, DR 18, CLASS 150, ALL DEPTHS, COMPLETE IN PLACE	LF	352	\$42.75	\$15,048.00	\$37.00	\$13,024.00	\$40.30	\$14,185.60
2.	8" P.V.C. WATER PIPE, C-900, DR 18, CLASS 150, ALL DEPTHS, COMPLETE IN PLACE	LF	4,335	\$44.45	\$192,690.75	\$49.00	\$212,415.00	\$50.60	\$219,351.00
3.	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT, COMPLETE IN PLACE	EA	11	\$7,890.00	\$86,790.00	\$5,400.00	\$59,400.00	\$6,000.00	\$66,000.00
4.	6" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	2	\$1,805.00	\$3,610.00	\$1,100.00	\$2,200.00	\$1,420.00	\$2,840.00
5.	8" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	18	\$2,470.00	\$44,460.00	\$1,600.00	\$28,800.00	\$2,060.00	\$37,080.00
6.	CAST IRON WATERLINE FITTINGS, COMPLETE IN PLACE	TON	2.26	\$120.00	\$271.20	\$500.00	\$1,130.00	\$7,000.00	\$15,820.00
7.	TRENCH SAFETY SYSTEM, ALL DEPTHS AND SIZES, COMPLETE IN PLACE	LF	4,687	\$0.10	\$468.70	\$0.10	\$468.70	\$0.10	\$468.70
8.	8" PLUG & CLAMP AND 2" BLOW-OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	3	\$965.00	\$2,895.00	\$900.00	\$2,700.00	\$1,100.00	\$3,300.00
9.	BORE AND JACK OR TUNNEL FOR 8" WATERLINE (EXCLUDES PIPE), INCLUDES BORE BITS, ALL DEPTHS, COMPLETE IN PLACE	LF	140	\$50.25	\$7,035.00	\$210.00	\$29,400.00	\$48.40	\$6,776.00
10.	8" X 8" TAPPING SLEEVE AND VALVE, COMPLETE IN PLACE	EA	2	\$5,380.00	\$10,760.00	\$5,800.00	\$11,600.00	\$5,700.00	\$11,400.00
11.	CONNECT PROPOSED 8" WATERLINE TO EXISTING 6" WATERLINE ALONG EAST HOUSE STREET, INCLUDES ALL NECESSARY FITTINGS REQUIRED TO MAKE CONNECTION, COMPLETE IN PLACE	EA	1	\$955.00	\$955.00	\$500.00	\$500.00	\$750.00	\$750.00
12.	CONNECTION OF PROPOSED 8" WATERLINE TO EXISTING WATERLINE TEES ALONG EAST HOUSE STREET, INCLUDES ALL NECESSARY FITTINGS AND COORDINATION WITH CITY AND/OR LAND OWNERS TO MAKE CONNECTION, COMPLETE IN PLACE	EA	2	\$1,555.00	\$3,110.00	\$600.00	\$1,200.00	\$865.00	\$1,730.00
13.	INSTALLATION OF DOUBLE OR SINLE "SHORT SIDE" WATER SERVICE CONNECTION (PER CITY OF ALVIN STANDARD DETAILS), INCLUDING ALL FITINGS, HARDWARE, METER BOX, AND TRENCH SAFETY, COMPLETE IN PLACE	EA	17	\$1,580.00	\$26,860.00	\$1,225.00	\$20,825.00	\$1,660.00	\$28,220.00
14.	INSTALLATION OF DOUBLE OR SINLE "LONG SIDE" WATER SERVICE CONNECTION (PER CITY OF ALVIN STANDARD DETAILS), INCLUDING ALL FITINGS, HARDWARE, METER BOX, AND TRENCH SAFETY, COMPLETE IN PLACE	LF	1411	\$42.00	\$59,262.00	\$27.00	\$38,097.00	\$32.00	\$45,152.00
SUBTOTAL WATER SYSTEM ITEMS					\$454,215.65		\$421,759.70		\$453,073.30
SANITARY SEWER SYSTEM ITEMS									
1.	8" PVC SEWER PIPE, ASTM D 2241, SDR 26, CLASS 160, 0'-12' DEPTH, COMPLETE IN PLACE	LF	2,313	\$48.10	\$111,255.30	\$60.00	\$138,780.00	\$54.65	\$126,405.45
2.	10" PVC SEWER PIPE, ASTM D 2241, SDR 26, CLASS 160, 12'-16' DEPTH, COMPLETE IN PLACE	LF	1,158	\$61.85	\$71,622.30	\$65.00	\$75,270.00	\$70.00	\$81,060.00
3.	STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, (0' - 8' DEPTH), COMPLETE IN PLACE	EA	21	\$3,440.00	\$72,240.00	\$5,500.00	\$115,500.00	\$5,200.00	\$109,200.00
4.	FINAL ADJUSTMENTS TO SANITARY MANHOLES, COMPLETE IN PLACE	EA	21	\$210.00	\$4,410.00	\$1.00	\$21.00	\$75.00	\$1,575.00
5.	EXTRA DEPTH OF SANITARY SEWER MANHOLES, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	64.71	\$191.35	\$12,382.26	\$500.00	\$32,355.00	\$150.00	\$9,706.50
6.	STANDARD DROP STRUCUTRE (2.0' VERTICAL DEPTH), COMPLETE IN PLACE	EA	4	\$940.00	\$3,760.00	\$1,000.00	\$4,000.00	\$1,000.00	\$4,000.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
7.	EXTRA DEPTH ON STANDARD SANITARY SEWER DROP STRUCTURE (OVER 2.0' VERTICAL DEPTH), COMPLETE IN PLACE	VF	5.04	\$35.00	\$176.40	\$51.00	\$257.04	\$20.00	\$100.80
8.	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, STACK, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	22	\$1,130.00	\$24,860.00	\$2,300.00	\$50,600.00	\$2,700.00	\$59,400.00
9.	LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, CLASS 160, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, STACK, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	806	\$52.95	\$42,677.70	\$60.00	\$48,360.00	\$84.80	\$68,348.80
10.	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	4,277	\$20.00	\$85,540.00	\$20.00	\$85,540.00	\$40.00	\$171,080.00
11.	T.V. INSPECTION OF SANITARY SEWER LINES, ALL SIZES & DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	3,471	\$3.00	\$10,413.00	\$2.00	\$6,942.00	\$2.20	\$7,636.20
12.	TRENCH SAFETY SYSTEM, ALL SIZES & DEPTHS, COMPLETE IN PLACE	LF	4,277	\$0.10	\$427.70	\$0.10	\$427.70	\$0.10	\$427.70
13.	ADDITIONAL COST FOR MODIFIED "A-A" SANITARY BEDDING (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	750	\$20.00	\$15,000.00	\$20.00	\$15,000.00	\$25.00	\$18,750.00
14.	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 10" SANITARY SEWER LINE, INCLUDING ALL SEALS AND APPURTENANCES NECESSARY, COMPLETE IN PLACE	EA	1	\$5,440.00	\$5,440.00	\$1,000.00	\$1,000.00	\$1,600.00	\$1,600.00
15.	8" SANITARY SEWER PLUG, COMPLETE IN PLACE	EA	2	\$110.00	\$220.00	\$150.00	\$300.00	\$158.00	\$316.00
16.	10" SANITARY SEWER PLUG, COMPLETE IN PLACE	EA	1	\$210.00	\$210.00	\$250.00	\$250.00	\$270.00	\$270.00
SUBTOTAL SANITARY SEWER SYSTEM ITEMS					\$460,634.66		\$574,602.74		\$659,876.45
DRAINAGE FACILITIES ITEMS									
1.	18" R.C.P. STORM SEWER CULVERT WITH 3:1 S.E.T. FOR ROAD CROSSING AT EAST HOUSE STREET AND MARIANA BAY DRIVE, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	53	\$111.20	\$5,893.60	\$89.00	\$4,717.00	\$126.00	\$6,678.00
2.	24" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	1,848	\$77.70	\$143,589.60	\$77.00	\$142,296.00	\$97.50	\$180,180.00
3.	30" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	238	\$91.35	\$21,741.30	\$94.00	\$22,372.00	\$122.00	\$29,036.00
4.	36" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	702	\$112.80	\$79,185.60	\$131.00	\$91,962.00	\$161.00	\$113,022.00
5.	42" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	10	\$164.30	\$1,643.00	\$175.00	\$1,750.00	\$215.00	\$2,150.00
6.	48" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	728	\$164.95	\$120,083.60	\$205.00	\$149,240.00	\$256.00	\$186,368.00
7.	54" R.C.P. STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	177	\$224.50	\$39,736.50	\$317.00	\$56,109.00	\$354.00	\$62,658.00
8.	5'X4' R.C.B. CULVERT, ASTM C-1433, ALL DEPTHS, INCLUDES RUBBER GASKETS AT ALL JOINTS AND BEDDING AND BACKFILL AND SLOPE PAVING, COMPLETE IN PLACE	LF	79	\$317.55	\$25,086.45	\$472.00	\$37,288.00	\$550.00	\$43,450.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
9.	8'X4' R.C.B. CULVERT, ASTM C-1433, ALL DEPTHS, INCLUDES RUBBER GASKETS AT ALL JOINTS AND BEDDING AND BACKFILL AND SLOPE PAVING, COMPLETE IN PLACE	LF	214	\$592.45	\$126,784.30	\$772.00	\$165,208.00	\$825.00	\$176,550.00
10.	STAGE I - STANDARD 5' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	24	\$1,080.00	\$25,920.00	\$1,100.00	\$26,400.00	\$2,100.00	\$50,400.00
11.	STAGE II - STANDARD 5' PRECAST INLET ("H-2"), (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	24	\$2,255.00	\$54,120.00	\$2,000.00	\$48,000.00	\$2,000.00	\$48,000.00
12.	STAGE I - STANDARD 10' PRECAST INLET ("H-2") ALL DEPTHS, (INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS), COMPLETE IN PLACE	EA	4	\$1,275.00	\$5,100.00	\$1,200.00	\$4,800.00	\$2,600.00	\$10,400.00
13.	STAGE II - STANDARD 10' PRECAST INLET ("H-2") (INCLUDES TEMPORARY SAND-FILLED BURLAP BAGS FOR EROSION AND SEDIMENT CONTROL), COMPLETE IN PLACE	EA	4	\$3,200.00	\$12,800.00	\$2,400.00	\$9,600.00	\$3,100.00	\$12,400.00
14.	TYPE "E" INLET, ALL SIDES OPEN, COMPLETE IN PLACE	EA	4	\$2,495.00	\$9,980.00	\$2,500.00	\$10,000.00	\$4,700.00	\$18,800.00
15.	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	14	\$4,990.00	\$69,860.00	\$2,800.00	\$39,200.00	\$5,500.00	\$77,000.00
16.	TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	7	\$9,895.00	\$69,265.00	\$3,700.00	\$25,900.00	\$10,500.00	\$73,500.00
17.	JUNCTION BOX WITH TYPE "C" MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$20,330.00	\$40,660.00	\$16,000.00	\$32,000.00	\$12,900.00	\$25,800.00
18.	FINAL ADJUSTMENT OF MANHOLE RIM ELEVATIONS, COMPLETE IN PLACE	EA	23	\$90.00	\$2,070.00	\$1.00	\$23.00	\$100.00	\$2,300.00
19.	TRENCH SAFETY SYSTEM, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	4,049	\$0.10	\$404.90	\$0.10	\$404.90	\$0.10	\$404.90
20.	OUTFALL STRUCTURE FOR 8' X 4' R.C.B., PER DETAIL, INCLUDES 4" CONCRETE SLOPE PAVING WITH 2' TOE ALL AROUND, RIP RAP, AND ALL OTHER APPURTENANCES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$29,900.00	\$29,900.00	\$10,000.00	\$10,000.00	\$30,000.00	\$30,000.00
21.	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	4,049	\$20.00	\$80,980.00	\$20.00	\$80,980.00	\$40.00	\$161,960.00
22.	8" BRICKWALL PLUG (ALL SIZES), COMPLETE IN PLACE	EA	2	\$330.00	\$660.00	\$250.00	\$500.00	\$500.00	\$1,000.00
23.	BORE AND JACK OR TUNNEL FOR 8'X4' STORM SEWER BOX (EXCLUDES PIPE), INCLUDES BORE BITS, ALL DEPTHS, COMPLETE IN PLACE	LF	100	\$1,290.00	\$129,000.00	\$900.00	\$90,000.00	\$4,500.00	\$450,000.00
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$1,094,463.85		\$1,048,749.90		\$1,762,056.90
WS&D MISCELLANEOUS ITEMS									
1.	METHOD "A" WS&D CONSTRUCTION STAKING AS PER GBI PARTNERS, L.P. (CONTACT JON BORDOVSKY AT 281.499.4539.), COMPLETE IN PLACE	LS	1	\$17,857.00	\$17,857.00	\$17,857.00	\$17,857.00	\$17,857.00	\$17,857.00
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	\$1,795.00	\$1,795.00	\$1,500.00	\$1,500.00	\$4,000.00	\$4,000.00
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	\$40.00	\$10,000.00
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	7,780	\$5.70	\$44,346.00	\$2.00	\$15,560.00	\$5.00	\$38,900.00

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5.	SILT FENCE INLET PROTECTION BARRIERS, SWMHCA SPECIFICATION NO.4511, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	33	\$40.00	\$1,320.00	\$10.00	\$330.00	\$70.00	\$2,310.00
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	4,842	\$0.10	\$484.20	\$1.00	\$4,842.00	\$2.30	\$11,136.60
7.	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING CONTRACTOR BOOKLET, NOI AND NOT, COMPLETE IN PLACE	LS	1	\$2,090.00	\$2,090.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00
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	\$5,980.00	\$5,980.00	\$1,000.00	\$1,000.00	\$8,000.00	\$8,000.00
9.	CITY OF ALVIN INSPECTION FEE FOR WS&D PORTION (.5% OF TOTAL COSTRUCTION COST), COMPLETE IN PLACE	LS	1	\$12,560.00	\$12,560.00	\$10,451.00	\$10,451.00	\$14,860.00	\$14,860.00
SUBTOTAL WS&D MISCELLANEOUS ITEMS					\$89,432.20	\$55,540.00	\$109,563.60		
PAVING AND APPURTENANCES IMPROVEMENT ITEMS									
1.	6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	11,585	\$52.50	\$608,212.50	\$55.00	\$637,175.00	\$53.50	\$619,797.50
2.	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	3,155	\$5.25	\$16,563.75	\$4.00	\$12,620.00	\$6.00	\$18,930.00
3.	4" X 12" REINFORCED CONCRETE CURB WITH POLYETHYLENE FIBERS, COMPLETE IN PLACE	LF	3,749	\$5.25	\$19,682.25	\$4.00	\$14,996.00	\$6.00	\$22,494.00
4.	6" LIME STABILIZED SUBGRADE, INCLUDES COMPACTION TO 95% STANDARD PROCTOR DENSITY, COMPLETE IN PLACE	SY	12,371	\$4.20	\$51,958.20	\$4.00	\$49,484.00	\$5.10	\$63,092.10
5.	LIME FOR SUBGRADE PREPARATION (8% BY WEIGHT, 44 LBS/SY), AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	272	\$210.00	\$57,120.00	\$190.00	\$51,680.00	\$230.00	\$62,560.00
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	12,985	\$6.83	\$88,687.55	\$5.70	\$74,014.50	\$8.00	\$103,880.00
7.	FINAL LOT GRADING, INCLUDING RESERVES, STRIPPING AND PROOFROLLING, HAULING, PLACEMENT AND COMPACTION OF MATERIALS AND REPLACEMENT OF STRIPPINGS, COMPLETE IN PLACE	EA	63	\$420.00	\$26,460.00	\$200.00	\$12,600.00	\$300.00	\$18,900.00
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	10	\$1,680.00	\$16,800.00	\$1,800.00	\$18,000.00	\$1,800.00	\$18,000.00
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	\$12,600.00	\$12,600.00	\$6,500.00	\$6,500.00	\$6,300.00	\$6,300.00
10.	4" SQUARE DOUBLE REFLECTORIZED BLUE TRAFFIC BUTTONS FOR FIRE HYDRANT LOCATION, COMPLETE IN PLACE	EA	11	\$21.00	\$231.00	\$10.00	\$110.00	\$15.00	\$165.00
11.	INSTALL STANDARD TYPE III BARRICADE, ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	3	\$1,575.00	\$4,725.00	\$1,000.00	\$3,000.00	\$1,200.00	\$3,600.00
12.	HYDRO-MULCH SEEDING OF RIGHT-OF-WAYS AND MEDIANS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	4.8	\$12.00	\$57.60	\$1,500.00	\$7,200.00	\$2,100.00	\$10,080.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES
AND PAVING AND APPURTENANCES
MUNICIPAL UTILITY DISTRICT
CITY, COUNTY, TEXAS
DECEMBER 22, 2021
LJA ENGINEERING, INC.
D. FORREST
JANUARY 3, 2022
1931-7911A&B (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	1) FELLERS AND CLARK, LP		2) PRINCIPAL SERVICES, LTD		3) TRIPLE B SERVICES, LLP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
13.	BROADCAST SEEDING (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	18.2	\$12.00	\$218.40	\$800.00	\$14,560.00	\$1,000.00	\$18,200.00
14.	STANDARD PAVING HEADER, COMPLETE IN PLACE	LF	84	\$15.75	\$1,323.00	\$25.00	\$2,100.00	\$31.25	\$2,625.00
15.	2' SAW CUT INCLUDING REMOVAL AND DISPOSAL OF EXISTING CONCRETE, COMPLETE IN PLACE	LF	78	\$52.50	\$4,095.00	\$25.00	\$1,950.00	\$16.30	\$1,271.40
SUBTOTAL PAVING AND APPURTENANCES IMPROVEMENT ITEMS					\$908,734.25		\$905,989.50		\$969,895.00
PAVING MISCELLANEOUS ITEMS									
1.	METHOD "A" PAVING CONSTRUCTION STAKING AS PER GBI PARTNERS, L.P. (CONTACT JON BORDOVSKY AT 281.499.4539.), COMPLETE IN PLACE	LS	1	\$5,718.00	\$5,718.00	\$5,718.00	\$5,718.00	\$5,718.00	\$5,718.00
2.	INLET PROTECTION BARRIERS, SWMHCA SPECIFICATION NO.4511, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	33	\$40.00	\$1,320.00	\$10.00	\$330.00	\$105.00	\$3,465.00
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	6,535	\$0.10	\$653.50	\$1.00	\$6,535.00	\$2.50	\$16,337.50
4.	INSTALLATION AND REMOVAL UPON COMPLETION OF CONCRETE WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$120.00	\$120.00	\$500.00	\$500.00	\$600.00	\$600.00
5.	24" SOD STRIPING ALONG THE BACK OF CURB, COMPLETE IN PLACE	EA	6,904	\$0.10	\$690.40	\$1.00	\$6,904.00	\$4.00	\$27,616.00
6.	5' REINFORCED CONCRETE SIDEWALK (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	3,021	\$15.75	\$47,580.75	\$38.00	\$114,798.00	\$32.64	\$98,605.44
7.	FINAL LOT GRADING AS-BUILT SURVEYS TO VERIFY LOT GRADING DETAIL. SEE LOT GRADING DETAIL ON SHEET 16 OF 39 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
8.	6" P.V.C. SCHEDULE 40 IRRIGATION SLEEVES (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	500	\$36.75	\$18,375.00	\$40.00	\$20,000.00	\$40.00	\$20,000.00
9.	CITY OF ALVIN INSPECTION FEE FOR PAVING PORTION (.5% OF TOTAL COSTRUCTION COST), COMPLETE IN PLACE	LS	1	\$5,561.74	\$5,561.74	\$5,317.00	\$5,317.00	\$5,730.00	\$5,730.00
SUBTOTAL PAVING MISCELLANEOUS ITEMS					\$82,519.39		\$162,602.00		\$180,571.94
BID SUMMARY									
SUBTOTAL WATER SYSTEM ITEMS					\$454,215.65		\$421,759.70		\$453,073.30
SUBTOTAL SANITARY SEWER SYSTEM ITEMS					\$460,634.66		\$574,602.74		\$659,876.45
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$1,094,463.85		\$1,048,749.90		\$1,762,056.90
SUBTOTAL WS&D MISCELLANEOUS ITEMS					\$89,432.20		\$55,540.00		\$109,563.60
SUBTOTAL PAVING AND APPURTENANCES IMPROVEMENT ITEMS					\$908,734.25		\$905,989.50		\$969,895.00
SUBTOTAL PAVING MISCELLANEOUS ITEMS					\$82,519.39		\$162,602.00		\$180,571.94
TOTAL AMOUNT BID					\$3,090,000.00		\$3,169,243.84		\$4,135,037.19