

BID TABULATION FOR:

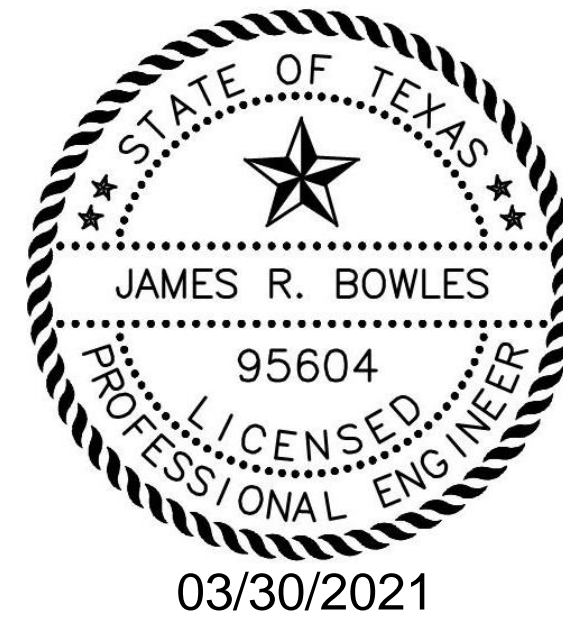
CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
TO SERVE LAKES AT CREEKSIDE SECTION 7
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 1
CITY OF HOUSTON, E.T.J., HARRIS COUNTY, TEXAS
MARCH 12, 2021
LJA ENGINEERING, INC.
A.CAROTHERS
MARCH 16, 2021
2489-3107D (9.2)

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

BIDDER'S NAME	TOTAL BID AMOUNT	TOTAL AMOUNT BID INCL. ALTERNATE 1 & 2
1) GONZALEZ CONSTRUCTION ENTERPRISE, INC.	\$859,107.56 *	\$1,567,933.01
2) BLAZEY CONSTRUCTION SERVICES, LLC	\$965,710.00	NO BID
3) C.E. BARKER, LTD.	\$974,742.19	\$1,892,273.07
4) PRINCIPAL SERVICES, LTD	\$978,185.70 *	\$1,908,532.70 *
5) R CONSTRUCTION CIVIL, LLC DBA R CONSTRUCTION COMPANY	\$1,053,668.45	\$1,915,993.95 *
6) TRIPLE B SERVICES, LLP	\$1,399,760.70	\$2,287,833.20

FUSED INDUSTRIES SUBMITTED A BID FOR THIS PROJECT, HOWEVER THEIR BID WAS NOT PREPARED ON THE MOST CURRENT BID PROPOSAL FORM AS ISSUED BY ADDENDUM NO. 4 AND THEREFORE, CANNOT BE TABULATED.

CALENDAR DAYS - 40/50



Randy Bowles

I, Randy Bowles, PE, hereby certify these bid tabulations to be true and correct.

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ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER ITEMS								
1. 8" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2,612	\$21.15	\$55,243.80	\$21.00	\$54,852.00	\$21.15	\$55,243.80
2. 8" PVC WATER PIPE WITH RESTRAINED JOINTS, AWWA C-900, DR 18 CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	968	\$26.84	\$25,981.12	\$29.00	\$28,072.00	\$28.18	\$27,278.24
3. 6" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	133	\$21.59	\$2,871.47	\$18.00	\$2,394.00	\$17.27	\$2,296.91
4. 6" PVC WATER PIPE WITH RESTRAINED JOINTS, AWWA AC-900, DR 18 CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	100	\$35.18	\$3,518.00	\$24.00	\$2,400.00	\$22.44	\$2,244.00
5. TRENCH SAFETY SYSTEM, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	3,813	\$0.10	\$381.30	\$0.30	\$1,143.90	\$0.14	\$533.82
6. FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, LEAD, FLUSHING VALVE, COMPLETE IN PLACE	EA	9	\$3,166.72	\$28,500.48	\$3,388.00	\$30,492.00	\$3,635.40	\$32,718.60
7. 8" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	8	\$1,001.45	\$8,011.60	\$1,075.00	\$8,600.00	\$1,136.04	\$9,088.32
8. 6" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$696.20	\$696.20	\$698.00	\$698.00	\$743.42	\$743.42
9. 2" BLOW-OFF VALVE AND BOX, COMPLETE IN PLACE	EA	2	\$469.14	\$938.28	\$392.00	\$784.00	\$333.18	\$666.36
10. PLUG & CLAMP, ALL SIZES, COMPLETE IN PLACE	EA	2	\$179.99	\$359.98	\$183.00	\$366.00	\$237.93	\$475.86
11. 8" DOMESTIC WATER METER ASSEMBLY AND VAULT, COH DWG 02526-05, WITH BACK FLOW PREVENTION DEVICE, COH DWG 02523-01, COMPLETE IN PLACE	EA	1	\$33,253.00	\$33,253.00	\$34,589.00	\$34,589.00	\$39,665.21	\$39,665.21
12. REMOVE 8" PLUG AND CLAMP AND 2" BLOW OFF VALVE AND BOX AND CONNECT PROPOSED 8" WATER LINE, COMPLETE IN PLACE	EA	2	\$27.50	\$55.00	\$446.00	\$892.00	\$585.86	\$1,171.72
13. METHOD "A" CONSTRUCTION STAKING FOR ALL UNDERGROUND UTILITIES BY THE CONTRACTOR PER KYLE DUCKETT, GBI PARTNERS, LP., 281.499.4539, COMPLETE IN PLACE	LS	1	\$14,500.00	\$14,500.00	\$14,500.00	\$14,500.00	\$14,500.00	\$14,500.00
SUBTOTAL WATER ITEMS				\$174,310.23		\$179,782.90		\$186,626.26
SANITARY SEWER ITEMS								
1. 8" PVC SANITARY SEWER PIPE, C-900, GREEN PIPE, 0'-8' DEPTH, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	730	\$29.77	\$21,732.10	\$31.00	\$22,630.00	\$31.28	\$22,834.40
2. 8" PVC SANITARY SEWER PIPE, ASTM D-2241, 0'-8' DEPTH, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	3,027	\$25.48	\$77,127.96	\$27.00	\$81,729.00	\$26.41	\$79,943.07
3. TRENCH SAFETY SYSTEM, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	5,027	\$0.10	\$502.70	\$0.30	\$1,508.10	\$0.14	\$703.78
4. STANDARD SANITARY SEWER MANHOLE (0'-8' DEPTH), (INCLUDES INFLOW PROTECTOR), COMPLETE IN PLACE	EA	29	\$2,304.50	\$66,830.50	\$2,174.00	\$63,046.00	\$2,019.39	\$58,562.31
5. EXTRA DEPTH ON SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	3	\$120.00	\$360.00	\$141.00	\$423.00	\$145.04	\$435.12
6. "LONG SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, DROPS, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	801	\$27.07	\$21,683.07	\$39.00	\$31,239.00	\$39.67	\$31,775.67
7. "LONG SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, C-900, GREEN PIPE, (ALL DEPTHS), INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, DROPS, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	159	\$36.83	\$5,855.97	\$39.00	\$6,201.00	\$56.24	\$8,942.16

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ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
8.	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), INCLUDING CEMENT STABILIZED SAND BACKFILL, WYE, PLUG, DROPS, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	26	\$772.08	\$20,074.08	\$1,115.00	\$28,990.00	\$1,027.52	\$26,715.52
9.	SANITARY SEWER SERVICE LEAD CLEAN OUT, (PER DETAIL SHEET 23 OF 34), COMPLETE IN PLACE	EA	41	\$294.27	\$12,065.07	\$500.00	\$20,500.00	\$672.91	\$27,589.31
10.	T.V. INSPECTION FOR SANITARY SEWER SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3,757	\$1.55	\$5,823.35	\$1.70	\$6,386.90	\$0.01	\$37.57
11.	REMOVE SANITARY SEWER PLUG AND CONSTRUCT SANITARY SEWER MANHOLE, COMPLETE IN PLACE	EA	1	\$121.00	\$121.00	\$1,641.00	\$1,641.00	\$1,432.08	\$1,432.08
12.	SANITARY SEWER MANHOLE VENT FOR SEALED MANHOLE, COMPLETE IN PLACE	EA	1	\$2,459.60	\$2,459.60	\$2,165.00	\$2,165.00	\$2,712.69	\$2,712.69
SUBTOTAL SANITARY SEWER ITEMS					\$234,635.40		\$266,459.00		\$261,683.68
DRAINAGE FACILITIES ITEMS									
1.	24" RCP STORM SEWER PIPE, ASTM C-76, CLASS III, COMPLETE IN PLACE	LF	1,629	\$57.08	\$92,983.32	\$60.00	\$97,740.00	\$66.06	\$107,611.74
2.	30" RCP STORM SEWER PIPE, ASTM C-76, CLASS III, COMPLETE IN PLACE	LF	101	\$74.65	\$7,539.65	\$79.00	\$7,979.00	\$80.69	\$8,149.69
3.	36" RCP STORM SEWER PIPE, ASTM C-76, CLASS III, COMPLETE IN PLACE	LF	494	\$90.54	\$44,726.76	\$98.00	\$48,412.00	\$110.00	\$54,340.00
4.	42" RCP STORM SEWER PIPE, ASTM C-76, CLASS III, COMPLETE IN PLACE	LF	260	\$116.09	\$30,183.40	\$131.00	\$34,060.00	\$140.70	\$36,582.00
5.	48" RCP STORM SEWER PIPE, ASTM C-76, CLASS III, COMPLETE IN PLACE	LF	218	\$135.33	\$29,501.94	\$162.00	\$35,316.00	\$167.25	\$36,460.50
6.	3'X2' R.C.B. STORM SEWER BOX CULVERT, ASTM C-1433, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, NON-SHRINK GROUT ON ALL JOINTS, COMPLETE IN PLACE	LF	105	\$167.30	\$17,566.50	\$219.00	\$22,995.00	\$206.65	\$21,698.25
7.	TRENCH SAFETY SYSTEM, ALL DEPTHS AND SIZES, COMPLETE IN PLACE	LF	2,807	\$0.10	\$280.70	\$0.30	\$842.10	\$0.14	\$392.98
8.	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	25	\$2,141.70	\$53,542.50	\$2,638.00	\$65,950.00	\$2,591.21	\$64,780.25
9.	TYPE 'C' MANHOLE FOR 48" AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$3,096.50	\$6,193.00	\$3,740.00	\$7,480.00	\$3,802.97	\$7,605.94
10.	STAGE I – TYPE "B-B" REINFORCED CONCRETE PRECAST CURB INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	21	\$731.50	\$15,361.50	\$1,393.00	\$29,253.00	\$1,052.03	\$22,092.63
11.	STAGE II – TYPE "B-B" REINFORCED CONCRETE PRECAST CURB INLET, INCLUDES STAGE II INLET PROTECTION, COMPLETE IN PLACE	EA	21	\$1,606.00	\$33,726.00	\$1,233.00	\$25,893.00	\$941.87	\$19,779.27
12.	TYPE 'E' INLET, COMPLETE IN PLACE	EA	1	\$1,886.50	\$1,886.50	\$5,274.00	\$5,274.00	\$2,566.73	\$2,566.73
13.	TEMPORARY COFFER DAM AND BYPASS PUMPING FOR CONSTRUCTION OF STORM OUTFALL (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	2	\$2,695.00	\$5,390.00	\$6,868.00	\$13,736.00	\$7,160.40	\$14,320.80
14.	BREAK INTO EXISTING STORM MANHOLE AND CONNECT STORM SEWER, COMPLETE IN PLACE	EA	2	\$550.00	\$1,100.00	\$362.00	\$724.00	\$1,459.62	\$2,919.24
15.	REMOVE EXISTING 8" BRICK WALL PLUG AND CONNECT PROPOSED STORM SEWER, COMPLETE IN PLACE	EA	1	\$330.00	\$330.00	\$362.00	\$362.00	\$633.42	\$633.42
16.	REMOVE AND DISPOSE OF EXISTING STORM MANHOLE, COMPLETE IN PLACE	EA	1	\$1,017.50	\$1,017.50	\$503.00	\$503.00	\$398.86	\$398.86
17.	REMOVE AND DISPOSE OF EXISTING STORM SEWER PIPE, COMPLETE IN PLACE	LF	28	\$67.82	\$1,898.96	\$21.00	\$588.00	\$133.29	\$3,732.12
18.	BREAK INTO EXISTING STORM SEWER AND CONSTRUCT STORM MANHOLE #D-51, COMPLETE IN PLACE	EA	1	\$2,931.50	\$2,931.50	\$3,548.00	\$3,548.00	\$3,249.72	\$3,249.72

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ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
19. ADJUST EXSITING STORM MANHOLE TOP, COMPLETE IN PLACE	EA	1	\$495.00	\$495.00	\$108.00	\$108.00	\$550.80	\$550.80
20. ADJUST EXISTING STORM TYPE 'E' INLET TOP, COMPLETE IN PLACE	EA	1	\$495.00	\$495.00	\$108.00	\$108.00	\$550.80	\$550.80
SUBTOTAL DRAINAGE FACILITIES ITEMS				\$347,149.73		\$400,871.10		\$408,415.74
MISCELLANEOUS ITEMS								
1. ADDITIONAL HYDRO-MULCH SEEDING AND WATERING (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	1	\$1,100.00	\$1,100.00	\$1,406.00	\$1,406.00	\$1,597.46	\$1,597.46
2. SUITABLE UTILITY SPOILS TO BE DISPOSED OF ONSITE, (INCLUDES 4" STRIPPINGS, STOCKPILING AND REAPPLICATION OF STRIPPINGS TO FILL AREAS), COMPACTION TO 95% STANDARD PROCTOR DENSITY IN ACCORDANCE WITH GRADING PLAN, COMPLETE IN PLACE	CY	4,940	\$1.38	\$6,817.20	\$1.75	\$8,645.00	\$3.30	\$16,302.00
3. SANITARY SEWER WET SAND CONSTRUCTION AS PER DETAILS AND RECOMMENDED BY GEOTECHNICAL ENGINEER, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1,400	\$5.00	\$7,000.00	\$5.00	\$7,000.00	\$5.00	\$7,000.00
4. DEWATERING FOR SANITARY SEWER, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1,400	\$20.00	\$28,000.00	\$20.00	\$28,000.00	\$20.00	\$28,000.00
5. DEWATERING FOR STORM SEWER, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1,300	\$20.00	\$26,000.00	\$20.00	\$26,000.00	\$20.00	\$26,000.00
6. STORM SEWER WET SAND CONSTRUCTION AS PER DETAILS AND RECOMMENDED BY GEOTECHNICAL ENGINEER, ALL LINES AND DEPTH, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1,300	\$5.00	\$6,500.00	\$5.00	\$6,500.00	\$5.00	\$6,500.00
7. CLEARING AND GRUBBING, TO INCLUDE CHIPPING AND HAULING OFFSITE OF CLEARED MATERIAL, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	1	\$1,000.00	\$1,000.00	\$10,816.00	\$10,816.00	\$0.01	\$0.01
8. 4" SCHEDULE 40 P.V.C. SLEEVES, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	500	\$13.64	\$6,820.00	\$12.00	\$6,000.00	\$16.52	\$8,260.00
9. 6" SCHEDULE 40 P.V.C. SLEEVES, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	500	\$15.29	\$7,645.00	\$15.00	\$7,500.00	\$22.03	\$11,015.00
10. HAUL UTILITY SPOILS OFFSITE, SPOILS TO BECOME THE PROPERTY OF THE CONTRACTOR (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	1,000	\$9.63	\$9,630.00	\$14.00	\$14,000.00	\$8.66	\$8,660.00
11. STORM WATER POLLUTION PREVENTION PLAN, INCLUDES MAINTENANCE AND REMOVAL OF FILTER FABRIC FENCING, INLET PROTECTION, CONCRETE WASHOUT, AND CONSTRUCTION ENTRANCE, COMPLETE IN PLACE	LS	1	\$500.00	\$500.00	\$730.00	\$730.00	\$716.04	\$716.04
12. EXTRA CEMENT STABILIZED SAND, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$39.66	\$3,966.00
SUBTOTAL MISCELLANEOUS ITEMS				\$103,012.20		\$118,597.00		\$118,016.51
ALTERNATE BID NO. 1 PAVING ITEMS								
1. ROADWAY EXCAVATION, COMPLETE IN PLACE	CY	7,304	\$2.59	\$18,917.36	NO BID	NO BID	\$3.30	\$24,103.20
2. 6-INCH REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	12,512	\$36.85	\$461,067.20	NO BID	NO BID	\$41.31	\$516,870.72
3. 6" LIME-FLY ASH STABILIZED SUBGRADE (MANIPULATION), COMPLETE IN PLACE	SY	13,339	\$2.00	\$26,678.00	NO BID	NO BID	\$2.48	\$33,080.72
4. HYDRATED LIME FOR 6" SUBGRADE (9 POUNDS PER SQUARE YARD OF STABILIZED SUBGRADE), BY DRY WEIGHT AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY THE GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	60.03	\$192.50	\$11,555.78	NO BID	NO BID	\$242.35	\$14,548.27

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5.	FLY ASH FOR 6" SUBGRADE (27 POUNDS PER SQUARE YARD OF STABILIZED SUBGRADE), BY DRY WEIGHT AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY THE GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	180.07	\$92.48	\$16,652.87	NO BID	NO BID	\$126.68	\$22,811.27
6.	COMPACTED FILL (95% STANDARD PROCTOR DENSITY WITH 6" LIFTS IN ACCORDANCE WITH THE GRADING PLAN), COMPLETE IN PLACE	CY	18,738	\$1.49	\$27,919.62	NO BID	NO BID	\$3.30	\$61,835.40
7.	COMPACTED FILL TO BE BROUGHT TO SECTION 7 FROM AN OUTSIDE SOURCE (95% STANDARD PROCTOR DENSITY WITH 6" LIFTS IN ACCORDANCE WITH THE GRADING PLAN), COMPLETE IN PLACE	CY	4,000	\$13.20	\$52,800.00	NO BID	NO BID	\$26.44	\$105,760.00
8.	EXCAVATION OF MATERIAL WITHIN LAKES AT CREEKSIDE SECTION 7, COMPLETE IN PLACE	CY	6,494	\$2.48	\$16,105.12	NO BID	NO BID	\$3.30	\$21,430.20
9.	4-INCH X 12-INCH REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	5,088	\$3.00	\$15,264.00	NO BID	NO BID	\$3.47	\$17,655.36
10.	6-INCH REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	2,335	\$3.00	\$7,005.00	NO BID	NO BID	\$3.47	\$8,102.45
11.	TIE INTO EXISTING PAVING HEADER, COMPLETE IN PLACE	EA	2	\$350.00	\$700.00	NO BID	NO BID	\$550.80	\$1,101.60
12.	STOP SIGN WITH STREET NAME "R1-1". COMPLETE IN PLACE	EA	3	\$368.50	\$1,105.50	NO BID	NO BID	\$638.93	\$1,916.79
13.	30 MPH SIGN "R2-1", COMPLETE IN PLACE	EA	1	\$357.50	\$357.50	NO BID	NO BID	\$572.83	\$572.83
14.	STREET NAME SIGN "R3-1, COMPLETE IN PLACE	EA	3	\$357.50	\$1,072.50	NO BID	NO BID	\$572.83	\$1,718.49
15.	TRAFFIC CONTROL DEVICES, TRAFFIC BUTTONS AND PAVEMENT STRIPING, COMPLETE IN PLACE	LS	1	\$1,925.00	\$1,925.00	NO BID	NO BID	\$2,754.00	\$2,754.00
16.	WHEELCHAIR RAMP, TYPE 7, (PER DETAIL SHEET 34 OF 34), COMPLETE IN PLACE	EA	6	\$1,017.50	\$6,105.00	NO BID	NO BID	\$1,652.40	\$9,914.40
17.	HYDROMULCH SEEDING (TO BE USED FROM THE BACK OF CURB TO THE R.O.W.), COMPLETE IN PLACE	AC	2.59	\$1,100.00	\$2,849.00	NO BID	NO BID	\$1,927.80	\$4,993.00
18.	BROADCAST SEEDING (TO BE USED FROM THE R.O.W. TO THE BACK OF LOT), COMPLETE IN PLACE	AC	17.96	\$600.00	\$10,776.00	NO BID	NO BID	\$1,377.00	\$24,730.92
19.	TYPE III BARRICADE, (INCLUDES REMOVAL AND RE-USE IF EXISTING TYPE III BARRICADES), COMPLETE IN PLACE	EA	2	\$1,072.50	\$2,145.00	NO BID	NO BID	\$991.44	\$1,982.88
20.	STANDARD PAVING HEADER, COMPLETE IN PLACE	LF	56	\$10.00	\$560.00	NO BID	NO BID	\$22.03	\$1,233.68
21.	METHOD "A" CONSTRUCTION STAKING FOR PAVING BY THE CONTRACTOR PER KYLE DUCKETT, GBI PARTNERS, LP, 281.499.4539, COMPLETE IN PLACE	LS	1	\$6,350.00	\$6,350.00	NO BID	NO BID	\$6,995.16	\$6,995.16
SUBTOTAL ALTERNATE BID NO. 1 PAVING ITEMS					\$687,910.45	NO BID	NO BID	\$884,111.34	\$884,111.34
ALTERNATE BID NO. 2 PAVING MISCELLANEOUS ITEMS									
1.	EXTRA CLEARING AND GRUBBING, COMPLETE IN PLACE	AC	1	\$1,000.00	\$1,000.00	NO BID	NO BID	\$2,203.20	\$2,203.20
2.	EXTRA TRAFFIC SIGNS, COMPLETE IN PLACE	EA	1	\$300.00	\$300.00	NO BID	NO BID	\$594.86	\$594.86
3.	6" SCHEDULE 40 PVC SLEEVE, INCLUDES 6" STABILIZED SAND WRAP, COMPLETE IN PLACE	LF	500	\$15.29	\$7,645.00	NO BID	NO BID	\$22.03	\$11,015.00
4.	4" SCHEDULE 40 PVC SLEEVE INCLUDES 6" STABILIZED SAND WRAP, COMPLETE IN PLACE	LF	500	\$13.64	\$6,820.00	NO BID	NO BID	\$16.52	\$8,260.00
5.	MAINTAIN STORM WATER POLLUTION PREVENTION PLAN (INCLUDES FILTER FABRIC FENCE, INLET PROTECTION AND CONSTRUCTION ENTRANCE), COMPLETE IN PLACE	LS	1	\$500.00	\$500.00	NO BID	NO BID	\$3,855.60	\$3,855.60

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LJA JOB NO.

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE LAKES AT CREEKSIDE SECTION 7
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 1
 CITY OF HOUSTON, E.T.J., HARRIS COUNTY, TEXAS
 MARCH 12, 2021
 LJA ENGINEERING, INC.
 A.CAROTHERS
 MARCH 16, 2021
 2489-3107D (9.2)

1) GONZALEZ CONSTRUCTION ENTERPRISE, INC. 2) BLAZEY CONSTRUCTION SERVICES, LLC 3) C.E. BARKER, LTD.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6.	CONTRACTOR TO PROVIDE AS – BUILT SURVEY AT THE END OF CONSTRUCTION SHOWING ELEVATIONS AT THE TOP OF CURB, BUILDING LINE, BACK OF LOT, SIGNIFICANT GRADE BREAKS AND EXTREME EVENT SWALES (NO ADDITIONAL PAY FOR REMOBILIZATION OF DIRT EQUIPMENT UNTIL THE LOTS ARE NOT BUILT ACCORDING TO THE GRADING PLAN, THEY WILL BE REGRADED AT NO SEPARATE PAY), AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LS	1	\$2,750.00	\$2,750.00	NO BID	NO BID	\$3,855.60	\$3,855.60
7.	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT, COMPLETE IN PLACE	EA	1	\$700.00	\$700.00	NO BID	NO BID	\$1,652.40	\$1,652.40
8.	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION EXIT, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$1,200.00	\$1,200.00	NO BID	NO BID	\$1,982.88	\$1,982.88
SUBTOTAL ALTERNATE BID NO. 2 PAVING MISCELLANEOUS ITEMS					\$20,915.00	NO BID	NO BID	\$33,419.54	\$33,419.54
BID SUMMARY									
SUBTOTAL WATER ITEMS					\$174,310.23		\$179,782.90		\$186,626.26
SUBTOTAL SANITARY SEWER ITEMS					\$234,635.40		\$266,459.00		\$261,683.68
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$347,149.73		\$400,871.10		\$408,415.74
SUBTOTAL MISCELLANEOUS ITEMS					\$103,012.20		\$118,597.00		\$118,016.51
TOTAL AMOUNT BID					\$859,107.56		\$965,710.00		\$974,742.19
<u>ALTERNATE BID NO. 1 AND 2</u>									
TOTAL AMOUNT BID					\$859,107.56 *		\$965,710.00		\$974,742.19
SUBTOTAL ALTERNATE BID ITEM NO. 1 PAVING ITEMS					\$687,910.45		NO BID		\$884,111.34
SUBTOTAL ALTERNATE BID ITEM NO. 2 PAVING MISCELLANEOUS ITEMS					\$20,915.00		NO BID		\$33,419.54
TOTAL AMOUNT BID INCLUDING ALTERNATE BID NO. 1 AND NO. 2					\$1,567,933.01		NO BID		\$1,892,273.07

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 TO SERVE LAKES AT CREEKSIDE SECTION 7
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 1
 CITY OF HOUSTON, E.T.J., HARRIS COUNTY, TEXAS
 MARCH 12, 2021
 LJA ENGINEERING, INC.
 A.CAROTHERS
 MARCH 16, 2021
 2489-3107D (9.2)

ITEM DESCRIPTION	UNIT	QTY	4) PRINCIPAL SERVICES, LTD		5) R CONSTRUCTION CIVIL, LLC DBA R CONSTRUCTION COMPANY		6) TRIPLE B SERVICES, LLP		
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
WATER ITEMS									
1. 8" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2,612	\$22.00	\$57,464.00	\$23.00	\$60,076.00	\$27.00	\$70,524.00	
2. 8" PVC WATER PIPE WITH RESTRAINED JOINTS, AWWA C-900, DR 18 CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	968	\$29.00	\$28,072.00	\$35.00	\$33,880.00	\$37.50	\$36,300.00	
3. 6" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	133	\$20.00	\$2,660.00	\$20.00	\$2,660.00	\$24.50	\$3,258.50	
4. 6" PVC WATER PIPE WITH RESTRAINED JOINTS, AWWA AC-900, DR 18 CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	100	\$22.00	\$2,200.00	\$41.00	\$4,100.00	\$30.00	\$3,000.00	
5. TRENCH SAFETY SYSTEM, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	3,813	\$0.10	\$381.30	\$0.10	\$381.30	\$0.10	\$381.30	
6. FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, LEAD, FLUSHING VALVE, COMPLETE IN PLACE	EA	9	\$3,400.00	\$30,600.00	\$4,200.00	\$37,800.00	\$3,900.00	\$35,100.00	
7. 8" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	8	\$1,000.00	\$8,000.00	\$1,100.00	\$8,800.00	\$1,500.00	\$12,000.00	
8. 6" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$700.00	\$700.00	\$900.00	\$900.00	\$1,150.00	\$1,150.00	
9. 2" BLOW-OFF VALVE AND BOX, COMPLETE IN PLACE	EA	2	\$1,100.00	\$2,200.00	\$1,200.00	\$2,400.00	\$1,400.00	\$2,800.00	
10. PLUG & CLAMP, ALL SIZES, COMPLETE IN PLACE	EA	2	\$210.00	\$420.00	\$200.00	\$400.00	\$600.00	\$1,200.00	
11. 8" DOMESTIC WATER METER ASSEMBLY AND VAULT, COH DWG 02526-05, WITH BACK FLOW PREVENTION DEVICE, COH DWG 02523-01, COMPLETE IN PLACE	EA	1	\$20,000.00	\$20,000.00	\$45,000.00	\$45,000.00	\$53,000.00	\$53,000.00	
12. REMOVE 8" PLUG AND CLAMP AND 2" BLOW OFF VALVE AND BOX AND CONNECT PROPOSED 8" WATER LINE, COMPLETE IN PLACE	EA	2	\$400.00	\$800.00	\$300.00	\$600.00	\$685.00	\$1,370.00	
13. METHOD "A" CONSTRUCTION STAKING FOR ALL UNDERGROUND UTILITIES BY THE CONTRACTOR PER KYLE DUCKETT, GBI PARTNERS, LP., 281.499.4539, COMPLETE IN PLACE	LS	1	\$14,500.00	\$14,500.00	\$14,500.00	\$14,500.00	\$14,500.00	\$14,500.00	
SUBTOTAL WATER ITEMS				\$167,997.30		\$211,497.30		\$234,583.80	
SANITARY SEWER ITEMS									
1. 8" PVC SANITARY SEWER PIPE, C-900, GREEN PIPE, 0'-8' DEPTH, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	730	\$31.00	\$22,630.00	\$31.00	\$22,630.00	\$45.00	\$32,850.00	
2. 8" PVC SANITARY SEWER PIPE, ASTM D-2241, 0'-8' DEPTH, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	3,027	\$27.00	\$81,729.00	\$28.00	\$84,756.00	\$42.00	\$127,134.00	
3. TRENCH SAFETY SYSTEM, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	5,027	\$0.10	\$502.70	\$0.10	\$502.70	\$0.10	\$502.70	
4. STANDARD SANITARY SEWER MANHOLE (0'-8' DEPTH), (INCLUDES INFLOW PROTECTOR), COMPLETE IN PLACE	EA	29	\$3,300.00	\$95,700.00	\$1,900.00	\$55,100.00	\$3,600.00	\$104,400.00	
5. EXTRA DEPTH ON SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	3	\$200.00	\$600.00	\$190.00	\$570.00	\$150.00	\$450.00	
6. "LONG SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, DROPS, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	801	\$30.00	\$24,030.00	\$40.00	\$32,040.00	\$42.00	\$33,642.00	
7. "LONG SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, C-900, GREEN PIPE, (ALL DEPTHS), INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, DROPS, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	159	\$36.00	\$5,724.00	\$55.00	\$8,745.00	\$98.00	\$15,582.00	

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 TO SERVE LAKES AT CREEKSIDE SECTION 7
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 1
 CITY OF HOUSTON, E.T.J., HARRIS COUNTY, TEXAS
 MARCH 12, 2021
 LJA ENGINEERING, INC.
 A.CAROTHERS
 MARCH 16, 2021
 2489-3107D (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) PRINCIPAL SERVICES, LTD		5) R CONSTRUCTION CIVIL, LLC DBA R CONSTRUCTION COMPANY		6) TRIPLE B SERVICES, LLP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
8.	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), INCLUDING CEMENT STABILIZED SAND BACKFILL, WYE, PLUG, DROPS, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	26	\$1,050.00	\$27,300.00	\$1,100.00	\$28,600.00	\$1,200.00	\$31,200.00
9.	SANITARY SEWER SERVICE LEAD CLEAN OUT, (PER DETAIL SHEET 23 OF 34), COMPLETE IN PLACE	EA	41	\$308.00	\$12,628.00	\$300.00	\$12,300.00	\$690.00	\$28,290.00
10.	T.V. INSPECTION FOR SANITARY SEWER SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3,757	\$2.00	\$7,514.00	\$1.75	\$6,574.75	\$1.50	\$5,635.50
11.	REMOVE SANITARY SEWER PLUG AND CONSTRUCT SANITARY SEWER MANHOLE, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$300.00	\$300.00
12.	SANITARY SEWER MANHOLE VENT FOR SEALED MANHOLE, COMPLETE IN PLACE	EA	1	\$2,100.00	\$2,100.00	\$1,500.00	\$1,500.00	\$2,150.00	\$2,150.00
SUBTOTAL SANITARY SEWER ITEMS					\$280,957.70 *		\$254,318.45		\$382,136.20
DRAINAGE FACILITIES ITEMS									
1.	24" RCP STORM SEWER PIPE, ASTM C-76, CLASS III, COMPLETE IN PLACE	LF	1,629	\$65.00	\$105,885.00	\$68.00	\$110,772.00	\$92.00	\$149,868.00
2.	30" RCP STORM SEWER PIPE, ASTM C-76, CLASS III, COMPLETE IN PLACE	LF	101	\$80.00	\$8,080.00	\$110.00	\$11,110.00	\$107.00	\$10,807.00
3.	36" RCP STORM SEWER PIPE, ASTM C-76, CLASS III, COMPLETE IN PLACE	LF	494	\$115.00	\$56,810.00	\$130.00	\$64,220.00	\$140.00	\$69,160.00
4.	42" RCP STORM SEWER PIPE, ASTM C-76, CLASS III, COMPLETE IN PLACE	LF	260	\$150.00	\$39,000.00	\$150.00	\$39,000.00	\$180.00	\$46,800.00
5.	48" RCP STORM SEWER PIPE, ASTM C-76, CLASS III, COMPLETE IN PLACE	LF	218	\$175.00	\$38,150.00	\$190.00	\$41,420.00	\$210.00	\$45,780.00
6.	3'X2' R.C.B. STORM SEWER BOX CULVERT, ASTM C-1433, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, NON-SHRINK GROUT ON ALL JOINTS, COMPLETE IN PLACE	LF	105	\$213.00	\$22,365.00	\$200.00	\$21,000.00	\$240.00	\$25,200.00
7.	TRENCH SAFETY SYSTEM, ALL DEPTHS AND SIZES, COMPLETE IN PLACE	LF	2,807	\$0.10	\$280.70	\$0.10	\$280.70	\$0.10	\$280.70
8.	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	25	\$2,400.00	\$60,000.00	\$3,000.00	\$75,000.00	\$4,075.00	\$101,875.00
9.	TYPE 'C' MANHOLE FOR 48" AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$3,000.00	\$6,000.00	\$4,500.00	\$9,000.00	\$5,400.00	\$10,800.00
10.	STAGE I – TYPE "B-B" REINFORCED CONCRETE PRECAST CURB INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	21	\$1,000.00	\$21,000.00	\$1,100.00	\$23,100.00	\$2,200.00	\$46,200.00
11.	STAGE II – TYPE "B-B" REINFORCED CONCRETE PRECAST CURB INLET, INCLUDES STAGE II INLET PROTECTION, COMPLETE IN PLACE	EA	21	\$1,600.00	\$33,600.00	\$1,900.00	\$39,900.00	\$2,100.00	\$44,100.00
12.	TYPE 'E' INLET, COMPLETE IN PLACE	EA	1	\$1,700.00	\$1,700.00	\$2,800.00	\$2,800.00	\$7,800.00	\$7,800.00
13.	TEMPORARY COFFER DAM AND BYPASS PUMPING FOR CONSTRUCTION OF STORM OUTFALL (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	2	\$2,000.00	\$4,000.00	\$8,000.00	\$16,000.00	\$9,300.00	\$18,600.00
14.	BREAK INTO EXISTING STORM MANHOLE AND CONNECT STORM SEWER, COMPLETE IN PLACE	EA	2	\$500.00	\$1,000.00	\$2,000.00	\$4,000.00	\$1,350.00	\$2,700.00
15.	REMOVE EXISTING 8" BRICK WALL PLUG AND CONNECT PROPOSED STORM SEWER, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$800.00	\$800.00	\$1,750.00	\$1,750.00
16.	REMOVE AND DISPOSE OF EXISTING STORM MANHOLE, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$600.00	\$600.00	\$600.00	\$600.00
17.	REMOVE AND DISPOSE OF EXISTING STORM SEWER PIPE, COMPLETE IN PLACE	LF	28	\$20.00	\$560.00	\$25.00	\$700.00	\$14.00	\$392.00
18.	BREAK INTO EXISTING STORM SEWER AND CONSTRUCT STORM MANHOLE #D-51, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$3,000.00	\$3,000.00	\$1,200.00	\$1,200.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE LAKES AT CREEKSIDE SECTION 7
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 1
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 2489-3107D (9.2)

ITEM DESCRIPTION	UNIT	QTY	4) PRINCIPAL SERVICES, LTD		5) R CONSTRUCTION CIVIL, LLC DBA R CONSTRUCTION COMPANY		6) TRIPLE B SERVICES, LLP	
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
19. ADJUST EXSITING STORM MANHOLE TOP, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$550.00	\$550.00
20. ADJUST EXISTING STORM TYPE 'E' INLET TOP, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$500.00	\$500.00	\$425.00	\$425.00
SUBTOTAL DRAINAGE FACILITIES ITEMS				\$401,430.70		\$463,702.70		\$584,887.70
MISCELLANEOUS ITEMS								
1. ADDITIONAL HYDRO-MULCH SEEDING AND WATERING (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	1	\$1,500.00	\$1,500.00	\$1,800.00	\$1,800.00	\$2,725.00	\$2,725.00
2. SUITABLE UTILITY SPOILS TO BE DISPOSED OF ONSITE, (INCLUDES 4" STRIPPINGS, STOCKPILING AND REAPPLICATION OF STRIPPINGS TO FILL AREAS), COMPACTION TO 95% STANDARD PROCTOR DENSITY IN ACCORDANCE WITH GRADING PLAN, COMPLETE IN PLACE	CY	4,940	\$1.00	\$4,940.00	\$2.50	\$12,350.00	\$8.70	\$42,978.00
3. SANITARY SEWER WET SAND CONSTRUCTION AS PER DETAILS AND RECOMMENDED BY GEOTECHNICAL ENGINEER, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1,400	\$5.00	\$7,000.00	\$5.00	\$7,000.00	\$12.00	\$16,800.00
4. DEWATERING FOR SANITARY SEWER, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1,400	\$20.00	\$28,000.00	\$20.00	\$28,000.00	\$25.00	\$35,000.00
5. DEWATERING FOR STORM SEWER, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1,300	\$20.00	\$26,000.00	\$20.00	\$26,000.00	\$25.00	\$32,500.00
6. STORM SEWER WET SAND CONSTRUCTION AS PER DETAILS AND RECOMMENDED BY GEOTECHNICAL ENGINEER, ALL LINES AND DEPTH, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1,300	\$5.00	\$6,500.00	\$5.00	\$6,500.00	\$17.50	\$22,750.00
7. CLEARING AND GRUBBING, TO INCLUDE CHIPPING AND HAULING OFFSITE OF CLEARED MATERIAL, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	1	\$5,000.00	\$5,000.00	\$7,000.00	\$7,000.00	\$5,500.00	\$5,500.00
8. 4" SCHEDULE 40 P.V.C. SLEEVES, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	500	\$27.00	\$13,500.00	\$20.00	\$10,000.00	\$20.00	\$10,000.00
9. 6" SCHEDULE 40 P.V.C. SLEEVES, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	500	\$30.00	\$15,000.00	\$22.00	\$11,000.00	\$22.00	\$11,000.00
10. HAUL UTILITY SPOILS OFFSITE, SPOILS TO BECOME THE PROPERTY OF THE CONTRACTOR (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	1,000	\$20.00	\$20,000.00	\$10.00	\$10,000.00	\$13.00	\$13,000.00
11. STORM WATER POLLUTION PREVENTION PLAN, INCLUDES MAINTENANCE AND REMOVAL OF FILTER FABRIC FENCING, INLET PROTECTION, CONCRETE WASHOUT, AND CONSTRUCTION ENTRANCE, COMPLETE IN PLACE	LS	1	\$350.00	\$350.00	\$2,500.00	\$2,500.00	\$2,400.00	\$2,400.00
12. EXTRA CEMENT STABILIZED SAND, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	100	\$0.10	\$10.00	\$20.00	\$2,000.00	\$35.00	\$3,500.00
SUBTOTAL MISCELLANEOUS ITEMS				\$127,800.00		\$124,150.00		\$198,153.00
ALTERNATE BID NO. 1 PAVING ITEMS								
1. ROADWAY EXCAVATION, COMPLETE IN PLACE	CY	7,304	\$5.00	\$36,520.00	\$3.00	\$21,912.00	\$2.30	\$16,799.20
2. 6-INCH REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	12,512	\$44.00	\$550,528.00	\$42.00	\$525,504.00	\$41.25	\$516,120.00
3. 6" LIME-FLY ASH STABILIZED SUBGRADE (MANIPULATION), COMPLETE IN PLACE	SY	13,339	\$2.00	\$26,678.00	\$3.00	\$40,017.00	\$4.20	\$56,023.80
4. HYDRATED LIME FOR 6" SUBGRADE (9 POUNDS PER SQUARE YARD OF STABILIZED SUBGRADE), BY DRY WEIGHT AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY THE GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	60.03	\$190.00	\$11,405.70	\$200.00	\$12,006.00	\$195.00	\$11,705.85

MATHEMATICAL ERROR*

BID TABULATION FOR:

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

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE LAKES AT CREEKSIDE SECTION 7
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 1
 CITY OF HOUSTON, E.T.J., HARRIS COUNTY, TEXAS
 MARCH 12, 2021
 LJA ENGINEERING, INC.
 A.CAROTHERS
 MARCH 16, 2021
 2489-3107D (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) PRINCIPAL SERVICES, LTD		5) R CONSTRUCTION CIVIL, LLC DBA R CONSTRUCTION COMPANY		6) TRIPLE B SERVICES, LLP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
5.	FLY ASH FOR 6" SUBGRADE (27 POUNDS PER SQUARE YARD OF STABILIZED SUBGRADE), BY DRY WEIGHT AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY THE GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	180.07	\$90.00	\$16,206.30	\$100.00	\$18,007.00	\$95.00	\$17,106.65
6.	COMPACTED FILL (95% STANDARD PROCTOR DENSITY WITH 6" LIFTS IN ACCORDANCE WITH THE GRADING PLAN), COMPLETE IN PLACE	CY	18,738	\$4.50	\$84,321.00	\$1.50	\$28,107.00	\$3.25	\$60,898.50
7.	COMPACTED FILL TO BE BROUGHT TO SECTION 7 FROM AN OUTSIDE SOURCE (95% STANDARD PROCTOR DENSITY WITH 6" LIFTS IN ACCORDANCE WITH THE GRADING PLAN), COMPLETE IN PLACE	CY	4,000	\$16.00	\$64,000.00	\$18.00	\$72,000.00	\$17.00	\$68,000.00
8.	EXCAVATION OF MATERIAL WITHIN LAKES AT CREEKSIDE SECTION 7, COMPLETE IN PLACE	CY	6,494	\$4.50	\$29,223.00	\$3.00	\$19,482.00	\$2.30	\$14,936.20
9.	4-INCH X 12-INCH REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	5,088	\$3.00	\$15,264.00	\$3.50	\$17,808.00	\$4.10	\$20,860.80
10.	6-INCH REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	2,335	\$3.00	\$7,005.00	\$3.50	\$8,172.50	\$4.10	\$9,573.50
11.	TIE INTO EXISTING PAVING HEADER, COMPLETE IN PLACE	EA	2	\$15.00	\$30.00	\$2,000.00	\$4,000.00	\$1,050.00	\$2,100.00
12.	STOP SIGN WITH STREET NAME "R1-1". COMPLETE IN PLACE	EA	3	\$650.00	\$1,950.00	\$650.00	\$1,950.00	\$375.00	\$1,125.00
13.	30 MPH SIGN "R2-1", COMPLETE IN PLACE	EA	1	\$600.00	\$600.00	\$650.00	\$650.00	\$240.00	\$240.00
14.	STREET NAME SIGN "R3-1, COMPLETE IN PLACE	EA	3	\$600.00	\$1,800.00	\$650.00	\$1,950.00	\$280.00	\$840.00
15.	TRAFFIC CONTROL DEVICES, TRAFFIC BUTTONS AND PAVEMENT STRIPING, COMPLETE IN PLACE	LS	1	\$5,000.00	\$5,000.00	\$7,500.00	\$7,500.00	\$826.00	\$826.00
16.	WHEELCHAIR RAMP, TYPE 7, (PER DETAIL SHEET 34 OF 34), COMPLETE IN PLACE	EA	6	\$1,250.00	\$7,500.00	\$1,850.00	\$11,100.00	\$1,730.00	\$10,380.00
17.	HYDROMULCH SEEDING (TO BE USED FROM THE BACK OF CURB TO THE R.O.W.), COMPLETE IN PLACE	AC	2.59	\$1,200.00	\$3,108.00	\$1,800.00	\$4,662.00	\$2,500.00	\$6,475.00
18.	BROADCAST SEEDING (TO BE USED FROM THE R.O.W. TO THE BACK OF LOT), COMPLETE IN PLACE	AC	17.96	\$800.00	\$14,368.00	\$550.00	\$9,878.00	\$950.00	\$17,062.00
19.	TYPE III BARRICADE, (INCLUDES REMOVAL AND RE-USE IF EXISTING TYPE III BARRICADES), COMPLETE IN PLACE	EA	2	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00	\$1,075.00	\$2,150.00
20.	STANDARD PAVING HEADER, COMPLETE IN PLACE	LF	56	\$15.00	\$840.00	\$20.00	\$1,120.00	\$25.00	\$1,400.00
21.	METHOD "A" CONSTRUCTION STAKING FOR PAVING BY THE CONTRACTOR PER KYLE DUCKETT, GBI PARTNERS, LP, 281.499.4539, COMPLETE IN PLACE	LS	1	\$6,350.00	\$6,350.00	\$6,350.00	\$6,350.00	\$6,350.00	\$6,350.00
SUBTOTAL ALTERNATE BID NO. 1 PAVING ITEMS					\$884,697.00	\$814,175.50	\$840,972.50		
ALTERNATE BID NO. 2 PAVING MISCELLANEOUS ITEMS									
1.	EXTRA CLEARING AND GRUBBING, COMPLETE IN PLACE	AC	1		\$10,000.00		\$7,000.00	\$1,100.00	\$1,100.00
2.	EXTRA TRAFFIC SIGNS, COMPLETE IN PLACE	EA	1	\$10,000.00	\$650.00	\$7,000.00	\$650.00	\$700.00	\$700.00
3.	6" SCHEDULE 40 PVC SLEEVE, INCLUDES 6" STABILIZED SAND WRAP, COMPLETE IN PLACE	LF	500	\$650.00	\$15,000.00	\$650.00	\$12,500.00	\$22.50	\$11,250.00
4.	4" SCHEDULE 40 PVC SLEEVE INCLUDES 6" STABILIZED SAND WRAP, COMPLETE IN PLACE	LF	500	\$30.00	\$12,500.00	\$25.00	\$12,500.00	\$19.50	\$9,750.00
5.	MAINTAIN STORM WATER POLLUTION PREVENTION PLAN (INCLUDES FILTER FABRIC FENCE, INLET PROTECTION AND CONSTRUCTION ENTRANCE), COMPLETE IN PLACE	LS	1	\$25.00	\$500.00	\$25.00	\$2,500.00	\$2,400.00	\$2,400.00 *
				\$500.00		\$2,500.00			

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ITEM DESCRIPTION	UNIT	QTY	4) PRINCIPAL SERVICES, LTD		5) R CONSTRUCTION CIVIL, LLC DBA R CONSTRUCTION COMPANY		6) TRIPLE B SERVICES, LLP	
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6. CONTRACTOR TO PROVIDE AS – BUILT SURVEY AT THE END OF CONSTRUCTION SHOWING ELEVATIONS AT THE TOP OF CURB, BUILDING LINE, BACK OF LOT, SIGNIFICANT GRADE BREAKS AND EXTREME EVENT SWALES (NO ADDITIONAL PAY FOR REMOBILIZATION OF DIRT EQUIPMENT UNTIL THE LOTS ARE NOT BUILT ACCORDING TO THE GRADING PLAN, THEY WILL BE REGRADED AT NO SEPARATE PAY), AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LS	1		\$5,000.00		\$10,000.00	\$18,500.00	\$18,500.00
7. INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT, COMPLETE IN PLACE	EA	1	\$5,000.00	\$500.00	\$10,000.00	\$500.00	\$1,000.00	\$1,000.00
8. INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION EXIT, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$500.00	\$1,500.00	\$500.00	\$2,500.00	\$2,400.00	\$2,400.00
			\$1,500.00		\$2,500.00			
SUBTOTAL ALTERNATE BID NO. 2 PAVING MISCELLANEOUS ITEMS				\$45,650.00		\$48,150.00		\$47,100.00
BID SUMMARY								
SUBTOTAL WATER ITEMS				\$167,997.30		\$211,497.30		\$234,583.80
SUBTOTAL SANITARY SEWER ITEMS				\$280,957.70 *		\$254,318.45		\$382,136.20
SUBTOTAL DRAINAGE FACILITIES ITEMS				\$401,430.70		\$463,702.70		\$584,887.70
SUBTOTAL MISCELLANEOUS ITEMS				\$127,800.00		\$124,150.00		\$198,153.00
TOTAL AMOUNT BID				\$978,185.70 *		\$1,053,668.45		\$1,399,760.70
ALTERNATE BID NO. 1 AND 2								
TOTAL AMOUNT BID				\$978,185.70 *		\$1,053,668.45		\$1,399,760.70
SUBTOTAL ALTERNATE BID ITEM NO. 1 PAVING ITEMS				\$884,697.00		\$814,175.50		\$840,972.50
SUBTOTAL ALTERNATE BID ITEM NO. 2 PAVING MISCELLANEOUS ITEMS				\$45,650.00		\$48,150.00		\$47,100.00
TOTAL AMOUNT BID INCLUDING ALTERNATE BID NO. 1 AND NO. 2				\$1,908,532.70 *		\$1,915,993.95		\$2,287,833.20