

BID TABULATION FOR:

CONSTRUCTION OF PRIVATE WATER & PRIVATE SANITARY SEWER AND PUBLIC DRAINAGE FACILITIES
TO SERVE OLYMPIA FALLS SECTION 1 & 2
FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 168
CITY OF HOUSTON E.T.J., FORT BEND COUNTY, TEXAS
MARCH 31, 2021
LJA ENGINEERING, INC.
A.CAROTHERS
APRIL 1, 2021
1750-4101 & 1750-4103 (9.2)

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

BIDDER'S NAME	TOTAL AMOUNT BID	BID INCLUDING ALTERNATE ITEM
1) DIMAS BROS. CONSTRUCTION	\$2,415,506.75	\$2,479,706.75
2) BLAZEY CONSTRUCTION SERVICES LLC	\$2,583,137.97	\$2,642,187.97
3) PRINCIPAL SERVICES, LTD	\$2,584,018.90	\$2,684,018.90
4) R CONSTRUCTION CIVIL	\$2,786,825.40	\$2,911,825.40
5) FUSED INDUSTRIES	\$3,021,485.75	\$3,113,995.75
6) D. L. ELLIOTT ENTERPRISES, INC.	\$3,154,132.00	\$3,279,132.00
7) TRIPLE B SERVICES, LLP	\$3,714,640.34	\$3,777,390.34

CALENDAR DAYS 100/110

I, Jason M. Kelly, PE., hereby certify these bid tabulations to be true and correct.



4/7/2021

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 LJA ENGINEERING, INC.
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ITEM	DESCRIPTION	UNIT	QTY	1) DIMAS BROS. CONSTRUCTION		2) BLAZEY CONSTRUCTION SERVICES LLC		3) PRINCIPAL SERVICES, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
OLYMPIA FALLS SECTION 1 WATER ITEMS									
1	8" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	EA	3209	\$28.75	\$92,258.75	\$28.75	\$92,258.75	\$30.00	\$96,270.00
2	8" RESTRAINED JOINT PVC WATER PIPE, AWWA, C-900, DR 18, ALL DEPTHS, INCLUDES ALL FITTINGS, VALVES AND ALL RESTRAINED JOINTS FOR PIPE JOINTS, COMPLETE IN PLACE	LF	861	\$38.65	\$33,277.65	\$39.00	\$33,579.00	\$41.00	\$35,301.00
3	8" RESTRAINED JOINT PVC WATER PIPE, AWWA, C-900, DR 14, ALL DEPTHS, INCLUDES ALL FITTINGS, VALVES AND ALL RESTRAINED JOINTS FOR PIPE JOINTS, COMPLETE IN PLACE	LF	15	\$58.00	\$870.00	\$58.00	\$870.00	\$42.00	\$630.00
4	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	9	\$3,560.00	\$32,040.00	\$3,521.00	\$31,689.00	\$3,800.00	\$34,200.00
5	2" BLOW-OFF VALVE AND BOX, COMPLETE IN PLACE	EA	5	\$675.00	\$3,375.00	\$399.00	\$1,995.00	\$900.00	\$4,500.00
6	PLUG AND CLAMP (ALL SIZES), COMPLETE IN PLACE	EA	5	\$275.00	\$1,375.00	\$186.00	\$930.00	\$200.00	\$1,000.00
7	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	4085	\$1.00	\$4,085.00	\$0.30	\$1,225.50	\$0.10	\$408.50
8	AUGER FOR 8" WATERLINE (DOES NOT INCLUDE PIPE), COMPLETE IN PLACE	LF	20	\$84.00	\$1,680.00	\$182.00	\$3,640.00	\$300.00	\$6,000.00
OLYMPIA FALLS SECTION 1 WATER ITEMS SUBTOTAL:					\$168,961.40	\$166,187.25	\$178,309.50		
OLYMPIA FALLS SECTION 2 WATER ITEMS									
1	8" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	1027	\$28.75	\$29,526.25	\$26.75	\$27,472.25	\$29.00	\$29,783.00
2	8" RESTRAINED JOINT PVC WATER PIPE, AWWA, C-900, DR 18, ALL DEPTHS, INCLUDES ALL FITTINGS, VALVES AND ALL RESTRAINED JOINTS FOR PIPE JOINTS, COMPLETE IN PLACE	LF	330	\$52.15	\$17,209.50	\$53.00	\$17,490.00	\$56.00	\$18,480.00
3	8" RESTRAINED JOINT PVC WATER PIPE, AWWA, C-900, DR 14, ALL DEPTHS, INCLUDES ALL FITTINGS, VALVES AND ALL RESTRAINED JOINTS FOR PIPE JOINTS, COMPLETE IN PLACE	LF	15	\$65.25	\$978.75	\$57.00	\$855.00	\$58.00	\$870.00
4	6" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	260	\$19.75	\$5,135.00	\$19.00	\$4,940.00	\$22.00	\$5,720.00
5	6" RESTRAINED JOINT PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	125	\$25.35	\$3,168.75	\$28.00	\$3,500.00	\$27.00	\$3,375.00
6	4" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	255	\$18.05	\$4,602.75	\$16.00	\$4,080.00	\$21.00	\$5,355.00
7	4" RESTRAINED JOINT PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	45	\$40.00	\$1,800.00	\$61.00	\$2,745.00	\$27.00	\$1,215.00
8	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	5	\$3,818.00	\$19,090.00	\$3,588.00	\$17,940.00	\$3,900.00	\$19,500.00
9	2" BLOW-OFF VALVE AND BOX, COMPLETE IN PLACE	EA	6	\$595.00	\$3,570.00	\$400.00	\$2,400.00	\$900.00	\$5,400.00
10	PLUG AND CLAMP (ALL SIZES), COMPLETE IN PLACE	EA	6	\$258.00	\$1,548.00	\$162.00	\$972.00	\$200.00	\$1,200.00
11	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	2057	\$1.00	\$2,057.00	\$0.30	\$617.10	\$0.10	\$205.70
OLYMPIA FALLS SECTION 2 WATER ITEMS SUBTOTAL:					\$88,686.00	\$83,011.35	\$91,103.70		
OLYMPIA FALLS SECTION 1 SANITARY SEWER ITEMS									

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 A.CAROTHERS
 APRIL 1, 2021
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ITEM	DESCRIPTION	UNIT	QTY	1) DIMAS BROS. CONSTRUCTION		2) BLAZEY CONSTRUCTION SERVICES LLC		3) PRINCIPAL SERVICES, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 0 - 8 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	490	\$36.15	\$17,713.50	\$32.70	\$16,023.00	\$32.00	\$15,680.00
2	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 8 - 12 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1285	\$37.05	\$47,609.25	\$35.70	\$45,874.50	\$33.00	\$42,405.00
3	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12 - 16 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1719	\$37.25	\$64,032.75	\$42.80	\$73,573.20	\$45.00	\$77,355.00
4	STANDARD SANITARY SEWER MANHOLE (0' - 8' DEPTH), COMPLETE IN PLACE	EA	26	\$2,384.00	\$61,984.00	\$2,104.00	\$54,704.00	\$3,100.00	\$80,600.00
5	EXTRA DEPTH ON SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	72	\$95.00	\$6,840.00	\$140.00	\$10,080.00	\$200.00	\$14,400.00
6	"FAR SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, STACK, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	11	\$2,310.00	\$25,410.00	\$2,420.00	\$26,620.00	\$2,000.00	\$22,000.00
7	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, STACK, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	26	\$984.00	\$25,584.00	\$1,299.00	\$33,774.00	\$1,300.00	\$33,800.00
8	ADDITIONAL COST FOR WATER AND SANITARY SEWER CROSSINGS, ALL DEPTHS, INCLUDE UPGRADE TO 18' SECTION FOR RESTRAINED JOINT AWWA C900 DR 18 PIPE FOR BOTH WATER AND SANITARY SEWER LINES WHERE APPLICABLE AND RESTRAINED JOINT FITTINGS, INCLUDING CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	EA	6	\$500.00	\$3,000.00	\$682.00	\$4,092.00	\$400.00	\$2,400.00
9	SANITARY SEWER DROP CONNECTION, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$615.00	\$1,230.00	\$582.00	\$1,164.00	\$500.00	\$1,000.00
10	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4155	\$1.00	\$4,155.00	\$0.30	\$1,246.50	\$0.10	\$415.50
11	AUGER FOR STEEL CASING, INCLUDES CASING, CASING SPACERS AND END SEALS (DOES NOT INCLUDE PIPE), COMPLETE IN PLACE	LF	20	\$95.00	\$1,900.00	\$181.00	\$3,620.00	\$300.00	\$6,000.00
OLYMPIA FALLS SECTION 1 SANITARY SEWER ITEMS SUBTOTAL:					\$259,458.50		\$270,771.20		\$296,055.50
OLYMPIA FALLS SECTION 2 SANITARY SEWER ITEMS									
1	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 0 - 8 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	161	\$33.00	\$5,313.00	\$33.00	\$5,313.00	\$32.00	\$5,152.00
2	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 8 - 12 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	205	\$33.00	\$6,765.00	\$36.00	\$7,380.00	\$33.00	\$6,765.00
3	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12 - 16 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	562	\$33.00	\$18,546.00	\$45.00	\$25,290.00	\$44.00	\$24,728.00
4	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 16 - 20 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1004	\$51.85	\$52,057.40	\$63.70	\$63,954.80	\$63.00	\$63,252.00
5	STANDARD SANITARY SEWER MANHOLE (0' - 8' DEPTH), COMPLETE IN PLACE	EA	14	\$2,684.00	\$37,576.00	\$2,184.00	\$30,576.00	\$3,100.00	\$43,400.00
6	EXTRA DEPTH ON SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	102	\$95.00	\$9,690.00	\$140.00	\$14,280.00	\$200.00	\$20,400.00
7	"FAR SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, STACK, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	8	\$2,498.00	\$19,984.00	\$3,856.00	\$30,848.00	\$2,100.00	\$16,800.00

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ITEM	DESCRIPTION	UNIT	QTY	1) DIMAS BROS. CONSTRUCTION		2) BLAZEY CONSTRUCTION SERVICES LLC		3) PRINCIPAL SERVICES, LTD	
				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, RISER, WYE, PLUG, STACK, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	12	\$884.00	\$10,608.00	\$1,367.00	\$16,404.00	\$1,300.00	\$15,600.00
9	ADDITIONAL COST FOR WATER AND SANITARY SEWER CROSSINGS, ALL DEPTHS, INCLUDE UPGRADE TO 18' SECTION FOR RESTRAINED JOINT AWWA C900 DR 18 PIPE FOR BOTH WATER AND SANITARY SEWER LINES WHERE APPLICABLE AND RESTRAINED JOINT FITTINGS, INCLUDING CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	EA	4	\$500.00	\$2,000.00	\$989.00	\$3,956.00	\$400.00	\$1,600.00
10	SANITARY SEWER DROP CONNECTION, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$445.00	\$1,335.00	\$598.00	\$1,794.00	\$500.00	\$1,500.00
11	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2438	\$1.00	\$2,438.00	\$0.30	\$731.40	\$0.10	\$243.80
12	6" PVC FORCEMAIN, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, BENDS AND ALL OTHER APPURTENANCES, I INCLUDES PLUGS, COMPLETE IN PLACE	LF	186	\$30.25	\$5,626.50	\$24.00	\$4,464.00	\$31.00	\$5,766.00
OLYMPIA FALLS SECTION 2 SANITARY SEWER ITEMS SUBTOTAL:					\$171,938.90	\$204,991.20	\$205,206.80		
OLYMPIA FALLS SECTION 1 STORM SEWER ITEMS									
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	1693	\$66.00	\$111,738.00	\$58.00	\$98,194.00	\$65.00	\$110,045.00
2	36" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	262	\$109.00	\$28,558.00	\$96.00	\$25,152.00	\$112.00	\$29,344.00
3	42" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	91	\$132.00	\$12,012.00	\$126.00	\$11,466.00	\$148.00	\$13,468.00
4	48" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	98	\$159.00	\$15,582.00	\$154.00	\$15,092.00	\$172.00	\$16,856.00
5	60" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	209	\$245.00	\$51,205.00	\$258.00	\$53,922.00	\$283.00	\$59,147.00
6	66" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	855	\$293.00	\$250,515.00	\$313.00	\$267,615.00	\$346.00	\$295,830.00
7	8'X5' RCB STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	95	\$508.00	\$48,260.00	\$588.00	\$55,860.00	\$571.00	\$54,245.00
8	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	17	\$2,584.00	\$43,928.00	\$2,222.00	\$37,774.00	\$2,100.00	\$35,700.00
9	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	9	\$4,454.00	\$40,086.00	\$6,246.00	\$56,214.00	\$4,000.00	\$36,000.00
10	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 48" STORM SEWERS AND LARGER W/ "E" INLET TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$4,800.00	\$4,800.00	\$4,851.00	\$4,851.00	\$3,000.00	\$3,000.00
11	STAGE I – STANDARD 5' REINFORCED CONCRETE PRECAST INLET ("C") ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	25	\$798.00	\$19,950.00	\$1,261.00	\$31,525.00	\$950.00	\$23,750.00
12	STAGE II – STANDARD 5' REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE (4,000 PSI) INLET ("C"), COMPLETE IN PLACE	EA	25	\$1,295.00	\$32,375.00	\$1,368.00	\$34,200.00	\$1,300.00	\$32,500.00
13	PRECAST OR CAST IN PLACE REINFORCED CONCRETE JUNCTION BOX, ALL DEPTHS & SIZES, INCLUDING FINAL RIM ADJUSTMENTS, COMPLETE IN PLACE	EA	2	\$11,584.00	\$23,168.00	\$9,380.00	\$18,760.00	\$8,000.00	\$16,000.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
14	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE PLACE	LF	3303	\$1.00	\$3,303.00	\$0.30	\$990.90	\$0.10	\$330.30
15	BORE AND JACK OF 66" STORM SEWER, INCLUDES PUMPING DURING CONSTRUCTION (DOES NOT INCLUDE RCP STORM SEWER), COMPLETE IN PLACE	LF	20	\$784.00	\$15,680.00	\$1,020.00	\$20,400.00	\$1,200.00	\$24,000.00
16	8" BRICK PLUG FOR 8' X 5' RCB, COMPLETE IN PLACE	EA	2	\$150.00	\$300.00	\$362.00	\$724.00	\$500.00	\$1,000.00
OLYMPIA FALLS SECTION 1 STORM SEWER ITEMS SUBTOTAL:					\$701,460.00	\$732,739.90	\$751,215.30		
OLYMPIA FALLS SECTION 2 STORM SEWER ITEMS									
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	525	\$69.00	\$36,225.00	\$58.00	\$30,450.00	\$65.00	\$34,125.00
2	30" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	410	\$80.00	\$32,800.00	\$71.00	\$29,110.00	\$78.00	\$31,980.00
3	36" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	145	\$104.00	\$15,080.00	\$96.00	\$13,920.00	\$112.00	\$16,240.00
4	66" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	11	\$298.00	\$3,278.00	\$313.00	\$3,443.00	\$346.00	\$3,806.00
5	72" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	600	\$341.00	\$204,600.00	\$362.00	\$217,200.00	\$398.00	\$238,800.00
6	8'X5' RCB STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	735	\$511.00	\$375,585.00	\$579.00	\$425,565.00	\$581.00	\$427,035.00
7	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	8	\$3,584.00	\$28,672.00	\$2,200.00	\$17,600.00	\$2,100.00	\$16,800.00
8	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$5,284.00	\$31,704.00	\$6,837.00	\$41,022.00	\$3,700.00	\$22,200.00
9	STAGE I – STANDARD 5' REINFORCED CONCRETE PRECAST INLET ("C") ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	16	\$798.00	\$12,768.00	\$1,250.00	\$20,000.00	\$1,000.00	\$16,000.00
10	STAGE II – STANDARD 5' REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE (4,000 PSI) INLET ("C"), COMPLETE IN PLACE	EA	16	\$1,208.00	\$19,328.00	\$1,046.00	\$16,736.00	\$1,300.00	\$20,800.00
11	PRECAST OR CAST IN PLACE REINFORCED CONCRETE JUNCTION BOX, ALL DEPTHS & SIZES, INCLUDING FINAL RIM ADJUSTMENTS, COMPLETE IN PLACE	EA	6	\$13,184.00	\$79,104.00	\$7,556.00	\$45,336.00	\$8,000.00	\$48,000.00
12	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE PLACE	LF	2426	\$1.00	\$2,426.00	\$0.30	\$727.80	\$0.10	\$242.60
13	4" REINFORCED CONCRETE SLOPE PAVING, INCLUDING DRESSING OF SIDE SLOPE, COMPLETE IN PLACE	SY	144	\$84.00	\$12,096.00	\$61.00	\$8,784.00	\$108.00	\$15,552.00
14	STAGE 1 – STANDARD 10' REINFORCED CONCRETE PRECAST INLET (C-1) ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE 1 INLET, COMPLETE IN PLACE	EA	2	\$975.00	\$1,950.00	\$1,373.76	\$2,747.52	\$1,000.00	\$2,000.00
15	STAGE II – STANDARD 10' REINFORCED CONCRETE PRECAST OR REINFORCED CAST-IN-PLACE (4,000 PSI) INLET (C-1"), COMPLETE IN PLACE	EA	2	\$1,600.00	\$3,200.00	\$1,368.00	\$2,736.00	\$1,700.00	\$3,400.00
16	STAGE 1 – STANDARD 15' REINFORCED CONCRETE PRECAST INLET (C-2) ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE 1 INLET, COMPLETE IN PLACE	EA	1	\$1,600.00	\$1,600.00	\$1,534.75	\$1,534.75	\$1,000.00	\$1,000.00
17	STAGE II – STANDARD 15' REINFORCED CONCRETE PRECAST OR REINFORCED CAST-IN-PLACE (4,000 PSI) INLET ("C-2"), COMPLETE IN PLACE	EA	1	\$2,100.00	\$2,100.00	\$1,690.00	\$1,690.00	\$2,100.00	\$2,100.00
18	12" HDPE CULVERT, ALL DEPTHS, COMPLETE IN PLACE	LF	69	\$48.00	\$3,312.00	\$22.00	\$1,518.00	\$93.00	\$6,417.00

BID TABULATION FOR:

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

CONSTRUCTION OF PRIVATE WATER & PRIVATE SANITARY SEWER AND PUBLIC DRAINAGE FACILITIES
 TO SERVE OLYMPIA FALLS SECTION 1 & 2
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 168
 CITY OF HOUSTON E.T.J., FORT BEND COUNTY, TEXAS
 MARCH 31, 2021
 LJA ENGINEERING, INC.
 A.CAROTHERS
 APRIL 1, 2021
 1750-4101 & 1750-4103 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) DIMAS BROS. CONSTRUCTION		2) BLAZEY CONSTRUCTION SERVICES LLC		3) PRINCIPAL SERVICES, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
19	TEMPORARY COFFER DAM AS NECESSARY FOR COMPLETION OF CONSTRUCTION ACTIVITIES, INCLUDES INSTALLATION, MAINTENANCE, AND REMOVAL, COMPLETE IN PLACE	LS	1	\$3,800.00	\$3,800.00	\$6,976.00	\$6,976.00	\$5,000.00	\$5,000.00
OLYMPIA FALLS SECTION 2 STORM SEWER ITEMS SUBTOTAL:					\$869,628.00	\$887,096.07	\$911,497.60		
MISCELLANEOUS ITEMS									
1	EXTRA REINFORCED FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1	\$5.00	\$5.00	\$1.00	\$1.00	\$1.50	\$1.50
2	EXTRA FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$1.00	\$100.00	\$1.00	\$100.00	\$1.00	\$100.00
3	EXTRA BURLAP BAG BARRIER ON INLET, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00
4	EXTRA SILT FENCE INLET PROTECTION BARRIER, COMPLETE IN PLACE	EA	1	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
5	EXTRA HYDRO-MULCH SEEDING, COMPLETE IN PLACE	AC	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00
6	EXTRA WATER LINE FITTINGS, COMPLETE IN PLACE	TON	0.1	\$1,000.00	\$100.00	\$1,000.00	\$100.00	\$2,000.00	\$200.00
7	EXTRA CEMENT STABILIZED SAND BACKFILL, (1.1 SACKS PER TON), (TO BE USED ONLY AT THE DIRECTION OF ENGINEER), COMPLETE IN PLACE	CY	10	\$15.00	\$150.00	\$15.00	\$150.00	\$15.00	\$150.00
8	EXTRA COST OF SANITARY SEWER WET SAND CONSTRUCTION AS PER CITY OF HOUSTON DRAWING NO. 02317-01, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	500	\$5.00	\$2,500.00	\$5.00	\$2,500.00	\$5.00	\$2,500.00
9	EXTRA COST OF STORM SEWER WET SAND CONSTRUCTION AS PER CITY OF HOUSTON DRAWING NO. 02317-02, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$5.00	\$500.00	\$5.00	\$500.00	\$5.00	\$500.00
10	EXTRA COST OF WET SAND CONSTRUCTION UNDER MANHOLE AS PER CITY OF HOUSTON DRAWING NO. 02082-05 (EFFECTIVE DATE ON OCTOBER 1, 2002 OR LATEST DETAIL), ALL DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$50.00	\$50.00	\$50.00	\$50.00
11	DEWATERING FOR UTILITY LINES, ALL LINE SIZES AND DEPTHS, NO SEPARATE PAY FOR DOUBLE ROW (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	4000	\$20.00	\$80,000.00	\$20.00	\$80,000.00	\$20.00	\$80,000.00
12	DEWATERING WELL FOR UTILITY LINES, ALL LINES SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	4	\$2,500.00	\$10,000.00	\$2,000.00	\$8,000.00	\$1,000.00	\$4,000.00
13	EXTRA BROADCAST SEEDING, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$450.00	\$450.00	\$450.00	\$450.00	\$800.00	\$800.00
14	ADJUST EXISTING MANHOLE RIM ELEVATION AS REQUIRED (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	2	\$150.00	\$300.00	\$150.00	\$300.00	\$500.00	\$1,000.00
15	EXTRA 8" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$800.00	\$800.00	\$800.00	\$800.00
16	STABILIZED CONSTRUCTION EXIT, INCLUDING INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$1,610.00	\$1,610.00	\$1,500.00	\$1,500.00
17	UTILITY SPOILS TO BE HAULED OFFSITE LESS THAN 1 MILE (ESTIMATED QUANTITY OF 9,240 CUBIC YARDS), STRIPPING, STOCK PILING OF STRIPPINGS, COMPACTION TO 95% STANDARD PROCTOR DENSITY, AND REAPPLICATION OF STRIPPINGS IN ACCORDANCE WITH THE CONSTRUCTION PLANS, COMPLETE IN PLACE	LS	1	\$16,600.00	\$16,600.00	\$65,341.00	\$65,341.00	\$15,000.00	\$15,000.00

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 TO SERVE OLYMPIA FALLS SECTION 1 & 2
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 168
 CITY OF HOUSTON E.T.J., FORT BEND COUNTY, TEXAS
 MARCH 31, 2021
 LJA ENGINEERING, INC.
 A.CAROTHERS
 APRIL 1, 2021
 1750-4101 & 1750-4103 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) DIMAS BROS. CONSTRUCTION		2) BLAZEY CONSTRUCTION SERVICES LLC		3) PRINCIPAL SERVICES, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
18	STORMWATER POLLUTION INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE	LS	1	\$800.00	\$800.00	\$724.00	\$724.00	\$500.00	\$500.00
19	REMOVAL AND OFFSITE DISPOSAL OF EXISTING 4" ABANDONED PIPELINE, COMPLETE IN PLACE	LF	1710	\$2.00	\$3,420.00	\$13.00	\$22,230.00	\$2.00	\$3,420.00
20	12' WIDE (6" DEPTH) CRUSHED CONCRETE ACCESS ROAD WITH COMPACTED IN-SITU SUBGRADE, INCLUDES GEOTEXTILE FABRIC AND ROADSIDE DITCHES AS SHOWN IN THE CONSTRUCTION PLANS, COMPLETE IN PLACE	LF	453	\$22.00	\$9,966.00	\$36.00	\$16,308.00	\$33.00	\$14,949.00
21	REMOVE AND DISPOSE OF EXISTING 10' WIDE GRAVEL ROAD, INCLUDES OFFSITE DISPOSAL, COMPLETE IN PLACE	LF	1400	\$2.50	\$3,500.00	\$13.00	\$18,200.00	\$5.00	\$7,000.00
22	CRANE MATS WITH AIR BRIDGE FOR OFF ROAD TRUCK CROSSING OF MONUMENT PIPELINE (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LS	1	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00	\$4,000.00	\$4,000.00
23	INSTALL, MAINTAIN AND REMOVE LOW WATER CROSSING, INCLUDING 24" RCP CULVERT (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$6,000.00	\$6,000.00	\$1,583.00	\$1,583.00	\$5,000.00	\$5,000.00
24	10' WIDE (6" DEPTH) CRUSHED CONCRETE ACCES ROAD WITH COMPACTED IN-SITU SUBGRADE, INCLUDES GEOTEXTILE FABRIC AND ROADSIDE DITCHES AS SHOWN IN THE CONSTRUCTION PLANS, COMPLETE IN PLACE	LF	200	\$22.00	\$4,400.00	\$30.00	\$6,000.00	\$28.00	\$5,600.00
25	ADDITIONAL COSTS FOR NON-MECHANIZED EXCAVATION FOR CONSTRUCTION IN VICINTIY OF PIPELINES, COMPLETE IN PLACE	LS	1	\$8,422.95	\$8,422.95	\$2,334.00	\$2,334.00	\$2,000.00	\$2,000.00
MISCELLANEOUS ITEMS SUBTOTAL:					\$155,373.95	\$238,341.00	\$150,630.50		
ALTERNATE ITEM									
1	BORE AND JACK OF 8' X 5' RCB, INCLUDES PUMPING DURING CONSTRUCTION (DOES NOT INCLUDE RCB STORM SEWER), COMPLETE IN PLACE	LF	50	\$1,284.00	\$64,200.00	\$1,181.00	\$59,050.00	\$2,000.00	\$100,000.00
ALTERNATE ITEM SUBTOTAL:					\$64,200.00	\$59,050.00	\$100,000.00		
BIDDING SUMMARY									
SUBTOTAL OLYMPIA FALLS SECTION 1 WATER ITEMS					\$168,961.40	\$166,187.25	\$178,309.50		
SUBTOTAL OLYMPIA FALLS SECTION 2 WATER ITEMS					\$88,686.00	\$83,011.35	\$91,103.70		
SUBTOTAL OLYMPIA FALLS SECTION 1 SANITARY SEWER ITEMS					\$259,458.50	\$270,771.20	\$296,055.50		
SUBTOTAL OLYMPIA FALLS SECTION 2 SANITARY SEWER ITEMS					\$171,938.90	\$204,991.20	\$205,206.80		
SUBTOTAL OLYMPIA FALLS SECTION 1 STORM SEWER ITEMS					\$701,460.00	\$732,739.90	\$751,215.30		
SUBTOTAL OLYMPIA FALLS SECTION 2 STORM SEWER ITEMS					\$869,628.00	\$887,096.07	\$911,497.60		
SUBTOTAL MISCELLANEOUS ITEMS					\$155,373.95	\$238,341.00	\$150,630.50		
TOTAL AMOUNT BASE BID					\$2,415,506.75	\$2,583,137.97	\$2,584,018.90		
ALTERNATE ITEM									
TOTAL AMOUNT BASE BID					\$2,415,506.75	\$2,583,137.97	\$2,584,018.90		
SUBTOTAL ALTERNATE ITEM					\$64,200.00	\$59,050.00	\$100,000.00		
TOTAL AMOUNT INCLUDING ALTERNATE ITEM					\$2,479,706.75	\$2,642,187.97	\$2,684,018.90		

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CONSTRUCTION OF PRIVATE WATER & PRIVATE SANITARY SEWER AND PUBLIC DRAINAGE FACILITIES
 TO SERVE OLYMPIA FALLS SECTION 1 & 2
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 168
 CITY OF HOUSTON E.T.J., FORT BEND COUNTY, TEXAS
 MARCH 31, 2021
 LJA ENGINEERING, INC.
 A.CAROTHERS
 APRIL 1, 2021
 1750-4101 & 1750-4103 (9.2)

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ITEM	DESCRIPTION	UNIT	QTY	4) R CONSTRUCTION CIVIL		5) FUSED INDUSTRIES		6) D. L. ELLIOTT ENTERPRISES, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
OLYMPIA FALLS SECTION 1 WATER ITEMS									
1	8" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	EA	3209	\$29.00	\$93,061.00	\$49.00	\$157,241.00	\$27.00	\$86,643.00
2	8" RESTRAINED JOINT PVC WATER PIPE, AWWA, C-900, DR 18, ALL DEPTHS, INCLUDES ALL FITTINGS, VALVES AND ALL RESTRAINED JOINTS FOR PIPE JOINTS, COMPLETE IN PLACE	LF	861	\$42.00	\$36,162.00	\$59.00	\$50,799.00	\$37.00	\$31,857.00
3	8" RESTRAINED JOINT PVC WATER PIPE, AWWA, C-900, DR 14, ALL DEPTHS, INCLUDES ALL FITTINGS, VALVES AND ALL RESTRAINED JOINTS FOR PIPE JOINTS, COMPLETE IN PLACE	LF	15	\$58.00	\$870.00	\$78.00	\$1,170.00	\$68.00	\$1,020.00
4	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	9	\$4,600.00	\$41,400.00	\$4,700.00	\$42,300.00	\$3,800.00	\$34,200.00
5	2" BLOW-OFF VALVE AND BOX, COMPLETE IN PLACE	EA	5	\$1,000.00	\$5,000.00	\$480.00	\$2,400.00	\$520.00	\$2,600.00
6	PLUG AND CLAMP (ALL SIZES), COMPLETE IN PLACE	EA	5	\$200.00	\$1,000.00	\$140.00	\$700.00	\$350.00	\$1,750.00
7	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	4085	\$0.10	\$408.50	\$1.00	\$4,085.00	\$1.00	\$4,085.00
8	AUGER FOR 8" WATERLINE (DOES NOT INCLUDE PIPE), COMPLETE IN PLACE	LF	20	\$185.00	\$3,700.00	\$150.00	\$3,000.00	\$180.00	\$3,600.00
OLYMPIA FALLS SECTION 1 WATER ITEMS SUBTOTAL:					\$181,601.50		\$261,695.00		\$165,755.00
OLYMPIA FALLS SECTION 2 WATER ITEMS									
1	8" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	1027	\$28.00	\$28,756.00	\$44.00	\$45,188.00	\$26.00	\$26,702.00
2	8" RESTRAINED JOINT PVC WATER PIPE, AWWA, C-900, DR 18, ALL DEPTHS, INCLUDES ALL FITTINGS, VALVES AND ALL RESTRAINED JOINTS FOR PIPE JOINTS, COMPLETE IN PLACE	LF	330	\$58.00	\$19,140.00	\$65.00	\$21,450.00	\$66.00	\$21,780.00
3	8" RESTRAINED JOINT PVC WATER PIPE, AWWA, C-900, DR 14, ALL DEPTHS, INCLUDES ALL FITTINGS, VALVES AND ALL RESTRAINED JOINTS FOR PIPE JOINTS, COMPLETE IN PLACE	LF	15	\$75.00	\$1,125.00	\$62.00	\$930.00	\$68.00	\$1,020.00
4	6" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	260	\$21.00	\$5,460.00	\$27.00	\$7,020.00	\$16.00	\$4,160.00
5	6" RESTRAINED JOINT PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	125	\$30.00	\$3,750.00	\$32.00	\$4,000.00	\$37.00	\$4,625.00
6	4" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	255	\$21.00	\$5,355.00	\$15.00	\$3,825.00	\$14.00	\$3,570.00
7	4" RESTRAINED JOINT PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	45	\$39.00	\$1,755.00	\$55.00	\$2,475.00	\$37.00	\$1,665.00
8	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	5	\$4,700.00	\$23,500.00	\$4,500.00	\$22,500.00	\$4,000.00	\$20,000.00
9	2" BLOW-OFF VALVE AND BOX, COMPLETE IN PLACE	EA	6	\$1,000.00	\$6,000.00	\$720.00	\$4,320.00	\$520.00	\$3,120.00
10	PLUG AND CLAMP (ALL SIZES), COMPLETE IN PLACE	EA	6	\$150.00	\$900.00	\$110.00	\$660.00	\$340.00	\$2,040.00
11	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	2057	\$0.10	\$205.70	\$1.00	\$2,057.00	\$1.00	\$2,057.00
OLYMPIA FALLS SECTION 2 WATER ITEMS SUBTOTAL:					\$95,946.70		\$114,425.00		\$90,739.00
OLYMPIA FALLS SECTION 1 SANITARY SEWER ITEMS									

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ITEM	DESCRIPTION	UNIT	QTY	4) R CONSTRUCTION CIVIL		5) FUSED INDUSTRIES		6) D. L. ELLIOTT ENTERPRISES, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 0 - 8 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	490	\$30.00	\$14,700.00	\$32.00	\$15,680.00	\$35.00	\$17,150.00
2	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 8 - 12 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1285	\$31.00	\$39,835.00	\$39.00	\$50,115.00	\$43.00	\$55,255.00
3	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12 - 16 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1719	\$39.00	\$67,041.00	\$47.00	\$80,793.00	\$79.00	\$135,801.00
4	STANDARD SANITARY SEWER MANHOLE (0' - 8' DEPTH), COMPLETE IN PLACE	EA	26	\$2,100.00	\$54,600.00	\$2,400.00	\$62,400.00	\$2,500.00	\$65,000.00
5	EXTRA DEPTH ON SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	72	\$130.00	\$9,360.00	\$100.00	\$7,200.00	\$120.00	\$8,640.00
6	"FAR SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, STACK, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	11	\$2,000.00	\$22,000.00	\$2,600.00	\$28,600.00	\$1,950.00	\$21,450.00
7	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, STACK, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	26	\$1,200.00	\$31,200.00	\$1,100.00	\$28,600.00	\$1,300.00	\$33,800.00
8	ADDITIONAL COST FOR WATER AND SANITARY SEWER CROSSINGS, ALL DEPTHS, INCLUDE UPGRADE TO 18' SECTION FOR RESTRAINED JOINT AWWA C900 DR 18 PIPE FOR BOTH WATER AND SANITARY SEWER LINES WHERE APPLICABLE AND RESTRAINED JOINT FITTINGS, INCLUDING CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	EA	6	\$700.00	\$4,200.00	\$1,100.00	\$6,600.00	\$3,900.00	\$23,400.00
9	SANITARY SEWER DROP CONNECTION, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$600.00	\$1,200.00	\$530.00	\$1,060.00	\$830.00	\$1,660.00
10	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4155	\$0.10	\$415.50	\$1.00	\$4,155.00	\$1.00	\$4,155.00
11	AUGER FOR STEEL CASING, INCLUDES CASING, CASING SPACERS AND END SEALS (DOES NOT INCLUDE PIPE), COMPLETE IN PLACE	LF	20	\$285.00	\$5,700.00	\$160.00	\$3,200.00	\$160.00	\$3,200.00
OLYMPIA FALLS SECTION 1 SANITARY SEWER ITEMS SUBTOTAL:					\$250,251.50		\$288,403.00		\$369,511.00

OLYMPIA FALLS SECTION 2 SANITARY SEWER ITEMS

1	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 0 - 8 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	161	\$34.00	\$5,474.00	\$32.00	\$5,152.00	\$35.00	\$5,635.00
2	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 8 - 12 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	205	\$35.00	\$7,175.00	\$43.00	\$8,815.00	\$43.00	\$8,815.00
3	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12 - 16 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	562	\$42.00	\$23,604.00	\$47.00	\$26,414.00	\$79.00	\$44,398.00
4	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 16 - 20 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1004	\$67.00	\$67,268.00	\$50.00	\$50,200.00	\$90.00	\$90,360.00
5	STANDARD SANITARY SEWER MANHOLE (0' - 8' DEPTH), COMPLETE IN PLACE	EA	14	\$2,100.00	\$29,400.00	\$2,800.00	\$39,200.00	\$2,600.00	\$36,400.00
6	EXTRA DEPTH ON SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	102	\$130.00	\$13,260.00	\$100.00	\$10,200.00	\$120.00	\$12,240.00
7	"FAR SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, STACK, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	8	\$2,100.00	\$16,800.00	\$2,800.00	\$22,400.00	\$1,950.00	\$15,600.00

BID TABULATION FOR:

CONSTRUCTION OF PRIVATE WATER & PRIVATE SANITARY SEWER AND PUBLIC DRAINAGE FACILITIES
 TO SERVE OLYMPIA FALLS SECTION 1 & 2
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 168
 CITY OF HOUSTON E.T.J., FORT BEND COUNTY, TEXAS
 MARCH 31, 2021
 LJA ENGINEERING, INC.
 A.CAROTHERS
 APRIL 1, 2021
 1750-4101 & 1750-4103 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) R CONSTRUCTION CIVIL		5) FUSED INDUSTRIES		6) D. L. ELLIOTT ENTERPRISES, INC.	
				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, RISER, WYE, PLUG, STACK, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	12	\$1,100.00	\$13,200.00	\$1,100.00	\$13,200.00	\$1,000.00	\$12,000.00
9	ADDITIONAL COST FOR WATER AND SANITARY SEWER CROSSINGS, ALL DEPTHS, INCLUDE UPGRADE TO 18' SECTION FOR RESTRAINED JOINT AWWA C900 DR 18 PIPE FOR BOTH WATER AND SANITARY SEWER LINES WHERE APPLICABLE AND RESTRAINED JOINT FITTINGS, INCLUDING CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	EA	4	\$700.00	\$2,800.00	\$1,100.00	\$4,400.00	\$3,600.00	\$14,400.00
10	SANITARY SEWER DROP CONNECTION, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$600.00	\$1,800.00	\$530.00	\$1,590.00	\$800.00	\$2,400.00
11	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2438	\$0.10	\$243.80	\$1.00	\$2,438.00	\$1.00	\$2,438.00
12	6" PVC FORCEMAIN, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, BENDS AND ALL OTHER APPURTENANCES, I INCLUDES PLUGS, COMPLETE IN PLACE	LF	186	\$32.00	\$5,952.00	\$37.00	\$6,882.00	\$20.00	\$3,720.00
OLYMPIA FALLS SECTION 2 SANITARY SEWER ITEMS SUBTOTAL:					\$186,976.80	\$190,891.00		\$248,406.00	
OLYMPIA FALLS SECTION 1 STORM SEWER ITEMS									
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	1693	\$65.00	\$110,045.00	\$66.00	\$111,738.00	\$67.00	\$113,431.00
2	36" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	262	\$108.00	\$28,296.00	\$140.00	\$36,680.00	\$115.00	\$30,130.00
3	42" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	91	\$143.00	\$13,013.00	\$180.00	\$16,380.00	\$155.00	\$14,105.00
4	48" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	98	\$170.00	\$16,660.00	\$210.00	\$20,580.00	\$186.00	\$18,228.00
5	60" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	209	\$285.00	\$59,565.00	\$320.00	\$66,880.00	\$331.00	\$69,179.00
6	66" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	855	\$342.00	\$292,410.00	\$380.00	\$324,900.00	\$397.00	\$339,435.00
7	8'X5' RCB STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	95	\$594.00	\$56,430.00	\$591.05	\$56,149.75	\$640.00	\$60,800.00
8	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	17	\$2,400.00	\$40,800.00	\$2,600.00	\$44,200.00	\$2,300.00	\$39,100.00
9	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	9	\$6,500.00	\$58,500.00	\$7,600.00	\$68,400.00	\$10,000.00	\$90,000.00
10	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 48" STORM SEWERS AND LARGER W/ "E" INLET TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$4,800.00	\$4,800.00	\$4,600.00	\$4,600.00	\$5,600.00	\$5,600.00
11	STAGE I – STANDARD 5' REINFORCED CONCRETE PRECAST INLET ("C") ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	25	\$1,000.00	\$25,000.00	\$1,500.00	\$37,500.00	\$1,050.00	\$26,250.00
12	STAGE II – STANDARD 5' REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE (4,000 PSI) INLET ("C"), COMPLETE IN PLACE	EA	25	\$1,700.00	\$42,500.00	\$1,400.00	\$35,000.00	\$1,800.00	\$45,000.00
13	PRECAST OR CAST IN PLACE REINFORCED CONCRETE JUNCTION BOX, ALL DEPTHS & SIZES, INCLUDING FINAL RIM ADJUSTMENTS, COMPLETE IN PLACE	EA	2	\$13,000.00	\$26,000.00	\$9,400.00	\$18,800.00	\$23,000.00	\$46,000.00

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CONSTRUCTION OF PRIVATE WATER & PRIVATE SANITARY SEWER AND PUBLIC DRAINAGE FACILITIES
 TO SERVE OLYMPIA FALLS SECTION 1 & 2
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 168
 CITY OF HOUSTON E.T.J., FORT BEND COUNTY, TEXAS
 MARCH 31, 2021
 LJA ENGINEERING, INC.
 A.CAROTHERS
 APRIL 1, 2021
 1750-4101 & 1750-4103 (9.2)

BID OPENING DATE:
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ITEM	DESCRIPTION	UNIT	QTY	4) R CONSTRUCTION CIVIL		5) FUSED INDUSTRIES		6) D. L. ELLIOTT ENTERPRISES, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
14	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE PLACE	LF	3303	\$0.10	\$330.30	\$1.00	\$3,303.00	\$1.00	\$3,303.00
15	BORE AND JACK OF 66" STORM SEWER, INCLUDES PUMPING DURING CONSTRUCTION (DOES NOT INCLUDE RCP STORM SEWER), COMPLETE IN PLACE	LF	20	\$1,200.00	\$24,000.00	\$790.00	\$15,800.00	\$1,900.00	\$38,000.00
16	8" BRICK PLUG FOR 8' X 5' RCB, COMPLETE IN PLACE	EA	2	\$1,100.00	\$2,200.00	\$200.00	\$400.00	\$1,800.00	\$3,600.00
OLYMPIA FALLS SECTION 1 STORM SEWER ITEMS SUBTOTAL:					\$800,549.30	\$861,310.75		\$942,161.00	
OLYMPIA FALLS SECTION 2 STORM SEWER ITEMS									
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	525	\$70.00	\$36,750.00	\$64.00	\$33,600.00	\$67.00	\$35,175.00
2	30" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	410	\$80.00	\$32,800.00	\$90.00	\$36,900.00	\$81.00	\$33,210.00
3	36" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	145	\$109.00	\$15,805.00	\$130.00	\$18,850.00	\$115.00	\$16,675.00
4	66" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	11	\$364.00	\$4,004.00	\$390.00	\$4,290.00	\$397.00	\$4,367.00
5	72" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	600	\$413.00	\$247,800.00	\$460.00	\$276,000.00	\$470.00	\$282,000.00
6	8'X5' RCB STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	735	\$609.00	\$447,615.00	\$644.20	\$473,487.00	\$640.00	\$470,400.00
7	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	8	\$2,400.00	\$19,200.00	\$2,900.00	\$23,200.00	\$2,500.00	\$20,000.00
8	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$7,200.00	\$43,200.00	\$8,500.00	\$51,000.00	\$9,900.00	\$59,400.00
9	STAGE I – STANDARD 5' REINFORCED CONCRETE PRECAST INLET ("C") ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	16	\$1,000.00	\$16,000.00	\$1,300.00	\$20,800.00	\$1,050.00	\$16,800.00
10	STAGE II – STANDARD 5' REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE (4,000 PSI) INLET ("C"), COMPLETE IN PLACE	EA	16	\$1,700.00	\$27,200.00	\$1,700.00	\$27,200.00	\$1,800.00	\$28,800.00
11	PRECAST OR CAST IN PLACE REINFORCED CONCRETE JUNCTION BOX, ALL DEPTHS & SIZES, INCLUDING FINAL RIM ADJUSTMENTS, COMPLETE IN PLACE	EA	6	\$10,000.00	\$60,000.00	\$14,000.00	\$84,000.00	\$20,000.00	\$120,000.00
12	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE PLACE	LF	2426	\$0.10	\$242.60	\$1.00	\$2,426.00	\$1.00	\$2,426.00
13	4" REINFORCED CONCRETE SLOPE PAVING, INCLUDING DRESSING OF SIDE SLOPE, COMPLETE IN PLACE	SY	144	\$95.00	\$13,680.00	\$100.00	\$14,400.00	\$110.00	\$15,840.00
14	STAGE 1 – STANDARD 10' REINFORCED CONCRETE PRECAST INLET (C-1) ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE 1 INLET, COMPLETE IN PLACE	EA	2	\$1,300.00	\$2,600.00	\$2,000.00	\$4,000.00	\$1,300.00	\$2,600.00
15	STAGE II – STANDARD 10' REINFORCED CONCRETE PRECAST OR REINFORCED CAST-IN-PLACE (4,000 PSI) INLET ("C-1"), COMPLETE IN PLACE	EA	2	\$3,500.00	\$7,000.00	\$2,500.00	\$5,000.00	\$2,300.00	\$4,600.00
16	STAGE 1 – STANDARD 15' REINFORCED CONCRETE PRECAST INLET (C-2) ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE 1 INLET, COMPLETE IN PLACE	EA	1	\$1,600.00	\$1,600.00	\$1,800.00	\$1,800.00	\$1,600.00	\$1,600.00
17	STAGE II – STANDARD 15' REINFORCED CONCRETE PRECAST OR REINFORCED CAST-IN-PLACE (4,000 PSI) INLET ("C-2"), COMPLETE IN PLACE	EA	1	\$4,500.00	\$4,500.00	\$3,500.00	\$3,500.00	\$2,600.00	\$2,600.00
18	12" HDPE CULVERT, ALL DEPTHS, COMPLETE IN PLACE	LF	69	\$35.00	\$2,415.00	\$23.00	\$1,587.00	\$40.00	\$2,760.00

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 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 168
 CITY OF HOUSTON E.T.J., FORT BEND COUNTY, TEXAS
 MARCH 31, 2021
 LJA ENGINEERING, INC.
 A.CAROTHERS
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ITEM	DESCRIPTION	UNIT	QTY	4) R CONSTRUCTION CIVIL		5) FUSED INDUSTRIES		6) D. L. ELLIOTT ENTERPRISES, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
19	TEMPORARY COFFER DAM AS NECESSARY FOR COMPLETION OF CONSTRUCTION ACTIVITIES, INCLUDES INSTALLATION, MAINTENANCE, AND REMOVAL, COMPLETE IN PLACE	LS	1	\$5,900.00	\$5,900.00	\$5,300.00	\$5,300.00	\$7,700.00	\$7,700.00
OLYMPIA FALLS SECTION 2 STORM SEWER ITEMS SUBTOTAL:					\$988,311.60	\$1,087,340.00	\$1,126,953.00		
MISCELLANEOUS ITEMS									
1	EXTRA REINFORCED FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1	\$1.00	\$1.00	\$100.00	\$100.00	\$2.00	\$2.00
2	EXTRA FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$1.00	\$100.00	\$1.00	\$100.00	\$2.00	\$200.00
3	EXTRA BURLAP BAG BARRIER ON INLET, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$10.00	\$10.00	\$10.00	\$10.00	\$100.00	\$100.00
4	EXTRA SILT FENCE INLET PROTECTION BARRIER, COMPLETE IN PLACE	EA	1	\$50.00	\$50.00	\$50.00	\$50.00	\$100.00	\$100.00
5	EXTRA HYDRO-MULCH SEEDING, COMPLETE IN PLACE	AC	1	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00
6	EXTRA WATER LINE FITTINGS, COMPLETE IN PLACE	TON	0.1	\$1,000.00	\$100.00	\$1,000.00	\$100.00	\$2,000.00	\$200.00
7	EXTRA CEMENT STABILIZED SAND BACKFILL, (1.1 SACKS PER TON), (TO BE USED ONLY AT THE DIRECTION OF ENGINEER), COMPLETE IN PLACE	CY	10	\$15.00	\$150.00	\$15.00	\$150.00	\$30.00	\$300.00
8	EXTRA COST OF SANITARY SEWER WET SAND CONSTRUCTION AS PER CITY OF HOUSTON DRAWING NO. 02317-01, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	500	\$5.00	\$2,500.00	\$5.00	\$2,500.00	\$5.00	\$2,500.00
9	EXTRA COST OF STORM SEWER WET SAND CONSTRUCTION AS PER CITY OF HOUSTON DRAWING NO. 02317-02, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$5.00	\$500.00	\$8.00	\$800.00	\$15.00	\$1,500.00
10	EXTRA COST OF WET SAND CONSTRUCTION UNDER MANHOLE AS PER CITY OF HOUSTON DRAWING NO. 02082-05 (EFFECTIVE DATE ON OCTOBER 1, 2002 OR LATEST DETAIL), ALL DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$50.00	\$50.00	\$50.00	\$50.00	\$150.00	\$150.00
11	DEWATERING FOR UTILITY LINES, ALL LINE SIZES AND DEPTHS, NO SEPARATE PAY FOR DOUBLE ROW (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	4000	\$25.00	\$100,000.00	\$35.00	\$140,000.00	\$20.00	\$80,000.00
12	DEWATERING WELL FOR UTILITY LINES, ALL LINES SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	4	\$3,500.00	\$14,000.00	\$500.00	\$2,000.00	\$5,300.00	\$21,200.00
13	EXTRA BROADCAST SEEDING, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$450.00	\$450.00	\$900.00	\$900.00	\$650.00	\$650.00
14	ADJUST EXISTING MANHOLE RIM ELEVATION AS REQUIRED (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	2	\$150.00	\$300.00	\$150.00	\$300.00	\$350.00	\$700.00
15	EXTRA 8" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$800.00	\$800.00	\$1,000.00	\$1,000.00
16	STABILIZED CONSTRUCTION EXIT, INCLUDING INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00	\$3,500.00	\$3,500.00	\$3,200.00	\$3,200.00
17	UTILITY SPOILS TO BE HAULED OFFSITE LESS THAN 1 MILE (ESTIMATED QUANTITY OF 9,240 CUBIC YARDS), STRIPPING, STOCK PILING OF STRIPPINGS, COMPACTION TO 95% STANDARD PROCTOR DENSITY, AND REAPPLICATION OF STRIPPINGS IN ACCORDANCE WITH THE CONSTRUCTION PLANS, COMPLETE IN PLACE	LS	1	\$61,400.00	\$61,400.00	\$34,300.00	\$34,300.00	\$33,000.00	\$33,000.00

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 TO SERVE OLYMPIA FALLS SECTION 1 & 2
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 168
 CITY OF HOUSTON E.T.J., FORT BEND COUNTY, TEXAS
 MARCH 31, 2021
 LJA ENGINEERING, INC.
 A.CAROTHERS
 APRIL 1, 2021
 1750-4101 & 1750-4103 (9.2)

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ITEM	DESCRIPTION	UNIT	QTY	4) R CONSTRUCTION CIVIL		5) FUSED INDUSTRIES		6) D. L. ELLIOTT ENTERPRISES, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
18	STORMWATER POLLUTION INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE	LS	1	\$1,200.00	\$1,200.00	\$1,500.00	\$1,500.00	\$2,200.00	\$2,200.00
19	REMOVAL AND OFFSITE DISPOSAL OF EXISTING 4" ABANDONED PIPELINE, COMPLETE IN PLACE	LF	1710	\$24.00	\$41,040.00	\$2.30	\$3,933.00	\$8.00	\$13,680.00
20	12' WIDE (6" DEPTH) CRUSHED CONCRETE ACCESS ROAD WITH COMPACTED IN-SITU SUBGRADE, INCLUDES GEOTEXTILE FABRIC AND ROADSIDE DITCHES AS SHOWN IN THE CONSTRUCTION PLANS, COMPLETE IN PLACE	LF	453	\$29.00	\$13,137.00	\$16.00	\$7,248.00	\$25.00	\$11,325.00
21	REMOVE AND DISPOSE OF EXISTING 10' WIDE GRAVEL ROAD, INCLUDES OFFSITE DISPOSAL, COMPLETE IN PLACE	LF	1400	\$16.00	\$22,400.00	\$6.00	\$8,400.00	\$7.00	\$9,800.00
22	CRANE MATS WITH AIR BRIDGE FOR OFF ROAD TRUCK CROSSING OF MONUMENT PIPELINE (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LS	1	\$7,300.00	\$7,300.00	\$3,300.00	\$3,300.00	\$7,500.00	\$7,500.00
23	INSTALL, MAINTAIN AND REMOVE LOW WATER CROSSING, INCLUDING 24" RCP CULVERT (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$1,200.00	\$1,200.00	\$1,800.00	\$1,800.00	\$5,000.00	\$5,000.00
24	10' WIDE (6" DEPTH) CRUSHED CONCRETE ACCES ROAD WITH COMPACTED IN-SITU SUBGRADE, INCLUDES GEOTEXTILE FABRIC AND ROADSIDE DITCHES AS SHOWN IN THE CONSTRUCTION PLANS, COMPLETE IN PLACE	LF	200	\$25.00	\$5,000.00	\$15.00	\$3,000.00	\$24.00	\$4,800.00
25	ADDITIONAL COSTS FOR NON-MECHANIZED EXCAVATION FOR CONSTRUCTION IN VICINTIY OF PIPELINES, COMPLETE IN PLACE	LS	1	\$8,500.00	\$8,500.00	\$590.00	\$590.00	\$10,000.00	\$10,000.00
MISCELLANEOUS ITEMS SUBTOTAL:					\$283,188.00		\$217,431.00		\$210,607.00
ALTERNATE ITEM									
1	BORE AND JACK OF 8' X 5' RCB, INCLUDES PUMPING DURING CONSTRUCTION (DOES NOT INCLUDE RCB STORM SEWER), COMPLETE IN PLACE	LF	50	\$2,500.00	\$125,000.00	\$1,850.00	\$92,500.00	\$2,500.00	\$125,000.00
ALTERNATE ITEM SUBTOTAL:					\$125,000.00		\$92,500.00		\$125,000.00
BIDDING SUMMARY									
SUBTOTAL OLYMPIA FALLS SECTION 1 WATER ITEMS					\$181,601.50		\$261,695.00		\$165,755.00
SUBTOTAL OLYMPIA FALLS SECTION 2 WATER ITEMS					\$95,946.70		\$114,425.00		\$90,739.00
SUBTOTAL OLYMPIA FALLS SECTION 1 SANITARY SEWER ITEMS					\$250,251.50		\$288,403.00		\$369,511.00
SUBTOTAL OLYMPIA FALLS SECTION 2 SANITARY SEWER ITEMS					\$186,976.80		\$190,891.00		\$248,406.00
SUBTOTAL OLYMPIA FALLS SECTION 1 STORM SEWER ITEMS					\$800,549.30		\$861,310.75		\$942,161.00
SUBTOTAL OLYMPIA FALLS SECTION 2 STORM SEWER ITEMS					\$988,311.60		\$1,087,340.00		\$1,126,953.00
SUBTOTAL MISCELLANEOUS ITEMS					\$283,188.00		\$217,431.00		\$210,607.00
TOTAL AMOUNT BASE BID					\$2,786,825.40		\$3,021,495.75		\$3,154,132.00
ALTERNATE ITEM									
TOTAL AMOUNT BASE BID					\$2,786,825.40		\$3,021,495.75		\$3,154,132.00
SUBTOTAL ALTERNATE ITEM					\$125,000.00		\$92,500.00		\$125,000.00
TOTAL AMOUNT INCLUDING ALTERNATE ITEM					\$2,911,825.40		\$3,113,995.75		\$3,279,132.00

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 APRIL 1, 2021
 1750-4101 & 1750-4103 (9.2)

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

7) TRIPLE B SERVICES, LLP

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
OLYMPIA FALLS SECTION 1 WATER ITEMS					
1	8" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	EA	3209	\$38.00	\$121,942.00
2	8" RESTRAINED JOINT PVC WATER PIPE, AWWA, C-900, DR 18, ALL DEPTHS, INCLUDES ALL FITTINGS, VALVES AND ALL RESTRAINED JOINTS FOR PIPE JOINTS, COMPLETE IN PLACE	LF	861	\$55.00	\$47,355.00
3	8" RESTRAINED JOINT PVC WATER PIPE, AWWA, C-900, DR 14, ALL DEPTHS, INCLUDES ALL FITTINGS, VALVES AND ALL RESTRAINED JOINTS FOR PIPE JOINTS, COMPLETE IN PLACE	LF	15	\$55.00	\$825.00
4	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	9	\$4,470.00	\$40,230.00
5	2" BLOW-OFF VALVE AND BOX, COMPLETE IN PLACE	EA	5	\$1,170.00	\$5,850.00
6	PLUG AND CLAMP (ALL SIZES), COMPLETE IN PLACE	EA	5	\$665.00	\$3,325.00
7	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	4085	\$0.01	\$40.85
8	AUGER FOR 8" WATERLINE (DOES NOT INCLUDE PIPE), COMPLETE IN PLACE	LF	20	\$125.00	\$2,500.00
OLYMPIA FALLS SECTION 1 WATER ITEMS SUBTOTAL:					\$222,067.85
OLYMPIA FALLS SECTION 2 WATER ITEMS					
1	8" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	1027	\$35.00	\$35,945.00
2	8" RESTRAINED JOINT PVC WATER PIPE, AWWA, C-900, DR 18, ALL DEPTHS, INCLUDES ALL FITTINGS, VALVES AND ALL RESTRAINED JOINTS FOR PIPE JOINTS, COMPLETE IN PLACE	LF	330	\$65.00	\$21,450.00
3	8" RESTRAINED JOINT PVC WATER PIPE, AWWA, C-900, DR 14, ALL DEPTHS, INCLUDES ALL FITTINGS, VALVES AND ALL RESTRAINED JOINTS FOR PIPE JOINTS, COMPLETE IN PLACE	LF	15	\$65.00	\$975.00
4	6" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	260	\$30.00	\$7,800.00
5	6" RESTRAINED JOINT PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	125	\$29.50	\$3,687.50
6	4" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	255	\$25.25	\$6,438.75
7	4" RESTRAINED JOINT PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	45	\$34.50	\$1,552.50
8	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	5	\$4,535.00	\$22,675.00
9	2" BLOW-OFF VALVE AND BOX, COMPLETE IN PLACE	EA	6	\$1,170.00	\$7,020.00
10	PLUG AND CLAMP (ALL SIZES), COMPLETE IN PLACE	EA	6	\$630.00	\$3,780.00
11	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	2057	\$0.01	\$20.57
OLYMPIA FALLS SECTION 2 WATER ITEMS SUBTOTAL:					\$111,344.32

OLYMPIA FALLS SECTION 1 SANITARY SEWER ITEMS

BID TABULATION FOR:

CONSTRUCTION OF PRIVATE WATER & PRIVATE SANITARY SEWER AND PUBLIC DRAINAGE FACILITIES
 TO SERVE OLYMPIA FALLS SECTION 1 & 2
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 168
 CITY OF HOUSTON E.T.J., FORT BEND COUNTY, TEXAS
 MARCH 31, 2021
 LJA ENGINEERING, INC.
 A.CAROTHERS
 APRIL 1, 2021
 1750-4101 & 1750-4103 (9.2)

BID OPENING DATE:
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TABULATION DATE:
LJA JOB NO.

7) TRIPLE B SERVICES, LLP

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
1	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 0 - 8 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	490	\$50.00	\$24,500.00
2	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 8 - 12 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1285	\$45.00	\$57,825.00
3	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12 - 16 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1719	\$44.00	\$75,636.00
4	STANDARD SANITARY SEWER MANHOLE (0' - 8' DEPTH), COMPLETE IN PLACE	EA	26	\$3,415.00	\$88,790.00
5	EXTRA DEPTH ON SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	72	\$125.00	\$9,000.00
6	"FAR SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, STACK, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	11	\$3,580.00	\$39,380.00
7	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, STACK, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	26	\$1,470.00	\$38,220.00
8	ADDITIONAL COST FOR WATER AND SANITARY SEWER CROSSINGS, ALL DEPTHS, INCLUDE UPGRADE TO 18' SECTION FOR RESTRAINED JOINT AWWA C900 DR 18 PIPE FOR BOTH WATER AND SANITARY SEWER LINES WHERE APPLICABLE AND RESTRAINED JOINT FITTINGS, INCLUDING CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	EA	6	\$1,150.00	\$6,900.00
9	SANITARY SEWER DROP CONNECTION, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$820.00	\$1,640.00
10	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4155	\$0.01	\$41.55
11	AUGER FOR STEEL CASING, INCLUDES CASING, CASING SPACERS AND END SEALS (DOES NOT INCLUDE PIPE), COMPLETE IN PLACE	LF	20	\$200.00	\$4,000.00

OLYMPIA FALLS SECTION 1 SANITARY SEWER ITEMS SUBTOTAL:**\$345,932.55****OLYMPIA FALLS SECTION 2 SANITARY SEWER ITEMS**

1	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 0 - 8 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	161	\$44.00	\$7,084.00
2	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 8 - 12 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	205	\$55.00	\$11,275.00
3	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12 - 16 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	562	\$55.00	\$30,910.00
4	8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 16 - 20 FOOT CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1004	\$57.40	\$57,629.60
5	STANDARD SANITARY SEWER MANHOLE (0' - 8' DEPTH), COMPLETE IN PLACE	EA	14	\$3,820.00	\$53,480.00
6	EXTRA DEPTH ON SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	102	\$125.00	\$12,750.00
7	"FAR SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, STACK, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	8	\$5,315.00	\$42,520.00

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CONSTRUCTION OF PRIVATE WATER & PRIVATE SANITARY SEWER AND PUBLIC DRAINAGE FACILITIES
 TO SERVE OLYMPIA FALLS SECTION 1 & 2
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 168
 CITY OF HOUSTON E.T.J., FORT BEND COUNTY, TEXAS
 MARCH 31, 2021
 LJA ENGINEERING, INC.
 A.CAROTHERS
 APRIL 1, 2021
 1750-4101 & 1750-4103 (9.2)

BID OPENING DATE:
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LJA JOB NO.

7) TRIPLE B SERVICES, LLP

ITEM	DESCRIPTION	UNIT	QTY	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, RISER, WYE, PLUG, STACK, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	12	\$1,435.00	\$17,220.00
9	ADDITIONAL COST FOR WATER AND SANITARY SEWER CROSSINGS, ALL DEPTHS, INCLUDE UPGRADE TO 18' SECTION FOR RESTRAINED JOINT AWWA C900 DR 18 PIPE FOR BOTH WATER AND SANITARY SEWER LINES WHERE APPLICABLE AND RESTRAINED JOINT FITTINGS, INCLUDING CEMENT STABILIZED SAND BACKFILL, COMPLETE IN PLACE	EA	4	\$1,600.00	\$6,400.00
10	SANITARY SEWER DROP CONNECTION, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$820.00	\$2,460.00
11	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2438	\$0.01	\$24.38
12	6" PVC FORCEMAIN, AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, BENDS AND ALL OTHER APPURTENANCES, I INCLUDES PLUGS, COMPLETE IN PLACE	LF	186	\$47.00	\$8,742.00

OLYMPIA FALLS SECTION 2 SANITARY SEWER ITEMS SUBTOTAL:

\$250,494.98

OLYMPIA FALLS SECTION 1 STORM SEWER ITEMS

1	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	1693	\$80.00	\$135,440.00
2	36" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	262	\$144.00	\$37,728.00
3	42" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	91	\$180.00	\$16,380.00
4	48" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	98	\$220.00	\$21,560.00
5	60" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	209	\$350.00	\$73,150.00
6	66" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	855	\$410.00	\$350,550.00
7	8'X5' RCB STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	95	\$660.00	\$62,700.00
8	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	17	\$3,920.00	\$66,640.00
9	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	9	\$9,375.00	\$84,375.00
10	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 48" STORM SEWERS AND LARGER W/ "E" INLET TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$5,600.00	\$5,600.00
11	STAGE I – STANDARD 5' REINFORCED CONCRETE PRECAST INLET ("C") ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	25	\$2,295.00	\$57,375.00
12	STAGE II – STANDARD 5' REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE (4,000 PSI) INLET ("C"), COMPLETE IN PLACE	EA	25	\$1,698.00	\$42,450.00
13	PRECAST OR CAST IN PLACE REINFORCED CONCRETE JUNCTION BOX, ALL DEPTHS & SIZES, INCLUDING FINAL RIM ADJUSTMENTS, COMPLETE IN PLACE	EA	2	\$16,850.00	\$33,700.00

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 CITY OF HOUSTON E.T.J., FORT BEND COUNTY, TEXAS
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7) TRIPLE B SERVICES, LLP

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
14	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE PLACE	LF	3303	\$0.01	\$33.03
15	BORE AND JACK OF 66" STORM SEWER, INCLUDES PUMPING DURING CONSTRUCTION (DOES NOT INCLUDE RCP STORM SEWER), COMPLETE IN PLACE	LF	20	\$830.00	\$16,600.00
16	8" BRICK PLUG FOR 8' X 5' RCB, COMPLETE IN PLACE	EA	2	\$1,250.00	\$2,500.00
OLYMPIA FALLS SECTION 1 STORM SEWER ITEMS SUBTOTAL:					\$1,006,781.03
OLYMPIA FALLS SECTION 2 STORM SEWER ITEMS					
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	525	\$85.00	\$44,625.00
2	30" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	410	\$110.00	\$45,100.00
3	36" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	145	\$145.00	\$21,025.00
4	66" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	11	\$415.00	\$4,565.00
5	72" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	600	\$490.00	\$294,000.00
6	8'X5' RCB STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	735	\$650.00	\$477,750.00
7	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	8	\$3,925.00	\$31,400.00
8	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$9,475.00	\$56,850.00
9	STAGE I – STANDARD 5' REINFORCED CONCRETE PRECAST INLET ("C") ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	16	\$2,295.00	\$36,720.00
10	STAGE II – STANDARD 5' REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE (4,000 PSI) INLET ("C"), COMPLETE IN PLACE	EA	16	\$1,685.00	\$26,960.00
11	PRECAST OR CAST IN PLACE REINFORCED CONCRETE JUNCTION BOX, ALL DEPTHS & SIZES, INCLUDING FINAL RIM ADJUSTMENTS, COMPLETE IN PLACE	EA	6	\$16,930.00	\$101,580.00
12	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE PLACE	LF	2426	\$0.01	\$24.26
13	4" REINFORCED CONCRETE SLOPE PAVING, INCLUDING DRESSING OF SIDE SLOPE, COMPLETE IN PLACE	SY	144	\$72.50	\$10,440.00
14	STAGE 1 – STANDARD 10' REINFORCED CONCRETE PRECAST INLET (C-1) ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE 1 INLET, COMPLETE IN PLACE	EA	2	\$1,595.00	\$3,190.00
15	STAGE II – STANDARD 10' REINFORCED CONCRETE PRECAST OR REINFORCED CAST-IN-PLACE (4,000 PSI) INLET (C-1"), COMPLETE IN PLACE	EA	2	\$2,610.00	\$5,220.00
16	STAGE 1 – STANDARD 15' REINFORCED CONCRETE PRECAST INLET (C-2) ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE 1 INLET, COMPLETE IN PLACE	EA	1	\$1,630.00	\$1,630.00
17	STAGE II – STANDARD 15' REINFORCED CONCRETE PRECAST OR REINFORCED CAST-IN-PLACE (4,000 PSI) INLET ("C-2"), COMPLETE IN PLACE	EA	1	\$2,600.00	\$2,600.00
18	12" HDPE CULVERT, ALL DEPTHS, COMPLETE IN PLACE	LF	69	\$43.15	\$2,977.35

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 TO SERVE OLYMPIA FALLS SECTION 1 & 2
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 168
 CITY OF HOUSTON E.T.J., FORT BEND COUNTY, TEXAS
 MARCH 31, 2021
 LJA ENGINEERING, INC.
 A.CAROTHERS
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 1750-4101 & 1750-4103 (9.2)

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7) TRIPLE B SERVICES, LLP

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
19	TEMPORARY COFFER DAM AS NECESSARY FOR COMPLETION OF CONSTRUCTION ACTIVITIES, INCLUDES INSTALLATION, MAINTENANCE, AND REMOVAL, COMPLETE IN PLACE	LS	1	\$5,545.00	\$5,545.00
OLYMPIA FALLS SECTION 2 STORM SEWER ITEMS SUBTOTAL:					\$1,172,201.61
MISCELLANEOUS ITEMS					
1	EXTRA REINFORCED FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1	\$3.00	\$3.00
2	EXTRA FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$3.00	\$300.00
3	EXTRA BURLAP BAG BARRIER ON INLET, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$60.00	\$60.00
4	EXTRA SILT FENCE INLET PROTECTION BARRIER, COMPLETE IN PLACE	EA	1	\$60.00	\$60.00
5	EXTRA HYDRO-MULCH SEEDING, COMPLETE IN PLACE	AC	1	\$2,500.00	\$2,500.00
6	EXTRA WATER LINE FITTINGS, COMPLETE IN PLACE	TON	0.1	\$8,000.00	\$800.00
7	EXTRA CEMENT STABILIZED SAND BACKFILL, (1.1 SACKS PER TON), (TO BE USED ONLY AT THE DIRECTION OF ENGINEER), COMPLETE IN PLACE	CY	10	\$40.00	\$400.00
8	EXTRA COST OF SANITARY SEWER WET SAND CONSTRUCTION AS PER CITY OF HOUSTON DRAWING NO. 02317-01, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	500	\$12.00	\$6,000.00
9	EXTRA COST OF STORM SEWER WET SAND CONSTRUCTION AS PER CITY OF HOUSTON DRAWING NO. 02317-02, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$70.00	\$7,000.00
10	EXTRA COST OF WET SAND CONSTRUCTION UNDER MANHOLE AS PER CITY OF HOUSTON DRAWING NO. 02082-05 (EFFECTIVE DATE ON OCTOBER 1, 2002 OR LATEST DETAIL), ALL DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$500.00	\$500.00
11	DEWATERING FOR UTILITY LINES, ALL LINE SIZES AND DEPTHS, NO SEPARATE PAY FOR DOUBLE ROW (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	4000	\$40.00	\$160,000.00
12	DEWATERING WELL FOR UTILITY LINES, ALL LINES SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	4	\$40,000.00	\$160,000.00
13	EXTRA BROADCAST SEEDING, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$800.00	\$800.00
14	ADJUST EXISTING MANHOLE RIM ELEVATION AS REQUIRED (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	2	\$150.00	\$300.00
15	EXTRA 8" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,300.00	\$1,300.00
16	STABILIZED CONSTRUCTION EXIT, INCLUDING INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	1	\$3,605.00	\$3,605.00
17	UTILITY SPOILS TO BE HAULED OFFSITE LESS THAN 1 MILE (ESTIMATED QUANTITY OF 9,240 CUBIC YARDS), STRIPPING, STOCK PILING OF STRIPPINGS, COMPACTION TO 95% STANDARD PROCTOR DENSITY, AND REAPPLICATION OF STRIPPINGS IN ACCORDANCE WITH THE CONSTRUCTION PLANS, COMPLETE IN PLACE	LS	1	\$195,000.00	\$195,000.00

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 CITY OF HOUSTON E.T.J., FORT BEND COUNTY, TEXAS
 MARCH 31, 2021
 LJA ENGINEERING, INC.
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7) TRIPLE B SERVICES, LLP

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
18	STORMWATER POLLUTION INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE	LS	1	\$3,110.00	\$3,110.00
19	REMOVAL AND OFFSITE DISPOSAL OF EXISTING 4" ABANDONED PIPELINE, COMPLETE IN PLACE	LF	1710	\$15.50	\$26,505.00
20	12' WIDE (6" DEPTH) CRUSHED CONCRETE ACCESS ROAD WITH COMPACTED IN-SITU SUBGRADE, INCLUDES GEOTEXTILE FABRIC AND ROADSIDE DITCHES AS SHOWN IN THE CONSTRUCTION PLANS, COMPLETE IN PLACE	LF	453	\$30.00	\$13,590.00
21	REMOVE AND DISPOSE OF EXISTING 10' WIDE GRAVEL ROAD, INCLUDES OFFSITE DISPOSAL, COMPLETE IN PLACE	LF	1400	\$7.00	\$9,800.00
22	CRANE MATS WITH AIR BRIDGE FOR OFF ROAD TRUCK CROSSING OF MONUMENT PIPELINE (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LS	1	\$5,220.00	\$5,220.00
23	INSTALL, MAINTAIN AND REMOVE LOW WATER CROSSING, INCLUDING 24" RCP CULVERT (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$2,965.00	\$2,965.00
24	10' WIDE (6" DEPTH) CRUSHED CONCRETE ACCESS ROAD WITH COMPACTED IN-SITU SUBGRADE, INCLUDES GEOTEXTILE FABRIC AND ROADSIDE DITCHES AS SHOWN IN THE CONSTRUCTION PLANS, COMPLETE IN PLACE	LF	200	\$15.70	\$3,140.00
25	ADDITIONAL COSTS FOR NON-MECHANIZED EXCAVATION FOR CONSTRUCTION IN VICINITY OF PIPELINES, COMPLETE IN PLACE	LS	1	\$2,860.00	\$2,860.00

MISCELLANEOUS ITEMS SUBTOTAL:**\$605,818.00****ALTERNATE ITEM**

1	BORE AND JACK OF 8' X 5' RCB, INCLUDES PUMPING DURING CONSTRUCTION (DOES NOT INCLUDE RCB STORM SEWER), COMPLETE IN PLACE	LF	50	\$1,255.00	\$62,750.00
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ALTERNATE ITEM SUBTOTAL:**\$62,750.00****BIDDING SUMMARY**

SUBTOTAL OLYMPIA FALLS SECTION 1 WATER ITEMS	\$222,067.85
SUBTOTAL OLYMPIA FALLS SECTION 2 WATER ITEMS	\$111,344.32
SUBTOTAL OLYMPIA FALLS SECTION 1 SANITARY SEWER ITEMS	\$345,932.55
SUBTOTAL OLYMPIA FALLS SECTION 2 SANITARY SEWER ITEMS	\$250,494.98
SUBTOTAL OLYMPIA FALLS SECTION 1 STORM SEWER ITEMS	\$1,006,781.03
SUBTOTAL OLYMPIA FALLS SECTION 2 STORM SEWER ITEMS	\$1,172,201.61
SUBTOTAL MISCELLANEOUS ITEMS	\$605,818.00
TOTAL AMOUNT BASE BID	\$3,714,640.34
<u>ALTERNATE ITEM</u>	
TOTAL AMOUNT BASE BID	\$3,714,640.34
SUBTOTAL ALTERNATE ITEM	\$62,750.00
TOTAL AMOUNT INCLUDING ALTERNATE ITEM	\$3,777,390.34