

**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 GRAND OAKS SECTION 8 AND OFFSITE STORM SEWER  
ROLLING CREEK UTILITY DISTRICT  
CITY OF HOUSTON, HARRIS COUNTY, TEXAS  
NOVEMBER 21, 2018  
LJA ENGINEERING, INC.  
L. MARTINEZ  
NOVEMBER 21, 2018  
1037-6008 (9.2)

BIDDER'S NAME	TOTAL BID AMOUNT
1) SENDERO INDUSTRIES, LLC	\$1,459,962.84
2) R CONSTRUCTION CIVL, LLC DBA R CONSTRUCTION COMPANY	\$1,481,674.80
3) CLEARWATER UTILITIES, INC.	\$1,488,535.33
4) PRINCIPAL SERVICES, LTD.	\$1,560,990.90
5) FELLERS & CLARK, LP	\$1,646,000.00
6) DIFFCO, LLC	\$1,666,988.79
7) CROSTEX CONSTRUCTION, INC.	\$1,673,000.00
8) BLAZEY CONSTRUCTION SERVICES, LLC	\$1,748,982.53
9) TRIPLE B SERVICES, LLP	\$2,212,300.00

CALENDAR DAYS - 90/100



  
11-27-18  
I, John A. Alvarez, II, P.E., hereby certify these bid tabulations to be true and correct.

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ITEM DESCRIPTION	UNIT	QTY	1) SENDERO INDUSTRIES, LLC		2) R CONSTRUCTION CIVL, LLC DBA R CONSTRUCTION COMPANY		3) CLEARWATER UTILITIES, INC.		
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
<b>CLEARING AND GRUBBING ITEMS</b>									
1. HEAVY CLEARING AND GRUBBING OF LOTS, INCLUDING REMOVAL OF GRAVEL ROADS AS WELL AS UNDERBRUSHING AND REMOVAL OF UNMARKED TREES IN AREAS DESIGNATED ON THE PLANS, COMPLETE IN PLACE	AC	19.6	\$6,000.00	\$117,600.00	\$3,200.00	\$62,720.00	\$2,588.00	\$50,724.80	
2. HEAVY CLEARING AND GRUBBING OF RIGHT OF WAY AND EASEMENTS, INCLUDING REMOVAL OF GRAVEL ROADS AS WELL AS UNDERBRUSHING AND REMOVAL OF UNMARKED TREES IN AREAS DESIGNATED ON THE PLANS, COMPLETE IN PLACE	AC	3.9	\$6,000.00	\$23,400.00	\$3,200.00	\$12,480.00	\$2,588.00	\$10,093.20	
3. LIGHT CLEARING AND GRUBBING OF LOTS, INCLUDING REMOVAL OF GRAVEL ROADS AS WELL AS UNDERBRUSHING AND REMOVAL OF UNMARKED TREES IN AREAS DESIGNATED ON THE PLANS, COMPLETE IN PLACE	AC	2.2	\$2,500.00	\$5,500.00	\$1,600.00	\$3,520.00	\$630.00	\$1,386.00	
4. LIGHT CLEARING AND GRUBBING OF RIGHT OF WAY AND EASEMENTS, INCLUDING REMOVAL OF GRAVEL ROADS AS WELL AS UNDERBRUSHING AND REMOVAL OF UNMARKED TREES IN AREAS DESIGNATED ON THE PLANS, COMPLETE IN PLACE	AC	0.7	\$2,500.00	\$1,750.00	\$1,600.00	\$1,120.00	\$630.00	\$441.00	
5. OFFSITE DISPOSAL OF CLEARED AND GRUBBED MATERIAL, COMPLETE IN PLACE	AC	26.4	\$1,135.00	\$29,964.00	\$3,800.00	\$100,320.00	\$3,360.00	\$88,704.00	
6. REMOVAL AND DISPOSAL OF TIRES AND MISCELLANEOUS DEBRIS, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LS	1	\$1,135.00	\$1,135.00	\$500.00	\$500.00	\$1,890.00	\$1,890.00	
<b>SUBTOTAL CLEARING AND GRUBBING ITEMS</b>				<b>\$179,349.00</b>		<b>\$180,660.00</b>		<b>\$153,239.00</b>	
<b>WATER ITEMS</b>									
1. 8" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	1,739	\$19.00	\$33,041.00	\$25.00	\$43,475.00	\$26.00	\$45,214.00	
2. 6" PVC WATER PIPE, AWWA C-900, DR18, CLASS 235 INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	225	\$14.00	\$3,150.00	\$18.00	\$4,050.00	\$23.00	\$5,175.00	
3. 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	66	\$18.00	\$1,188.00	\$30.00	\$1,980.00	\$28.00	\$1,848.00	
4. 6" 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	80	\$17.00	\$1,360.00	\$25.00	\$2,000.00	\$26.00	\$2,080.00	
5. FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, TRENCH SAFETY, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	7	\$3,335.00	\$23,345.00	\$4,000.00	\$28,000.00	\$3,828.00	\$26,796.00	
6. 2" BLOW OFF VALVE AND BOX, COMPLETE IN PLACE	EA	3	\$800.00	\$2,400.00	\$800.00	\$2,400.00	\$486.00	\$1,458.00	
7. PLUG AND CLAMP (ALL SIZES), COMPLETE IN PLACE	EA	3	\$135.00	\$405.00	\$100.00	\$300.00	\$75.00	\$225.00	
8. REMOVAL OF EXISTING PLUG & CLAMP, (ALL SIZES), 2" BLOW-OFF VALVE & BOX AND CONNECT PROPOSED WATER LINE TO EXISTING WATER LINE, ADDITIONALLY INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, AND DISINFECTION OF EXISTING WATER LINE AS APPLICABLE, COMPLETE IN PLACE	EA	4	\$330.00	\$1,320.00	\$200.00	\$800.00	\$426.00	\$1,704.00	
9. AUGER FOR 6" WATERLINE, INCLUDES PUMPING DURING CONSTRUCTION, DOES NOT INCLUDE PIPE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER) COMPLETE IN PLACE	LF	20	\$70.00	\$1,400.00	\$90.00	\$1,800.00	\$90.00	\$1,800.00	
10. TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	2,090	\$0.01	\$20.90	\$0.10	\$209.00	\$0.12	\$250.80	

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 TO SERVE GRAND OAKS SECTION 8 AND OFFSITE STORM SEWER  
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 NOVEMBER 21, 2018  
 LJA ENGINEERING, INC.  
 L. MARTINEZ  
 NOVEMBER 21, 2018  
 1037-6008 (9.2)

ITEM DESCRIPTION	UNIT	QTY	1) SENDERO INDUSTRIES, LLC		2) R CONSTRUCTION CIVL, LLC DBA R CONSTRUCTION COMPANY		3) CLEARWATER UTILITIES, INC.	
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>SUBTOTAL WATER ITEMS</b>				<b>\$67,629.90</b>		<b>\$85,014.00</b>		<b>\$86,550.80</b>
<b>SANITARY SEWER SYSTEM ITEMS</b>								
1. 10" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12' - 16' CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	386	\$35.00	\$13,510.00	\$31.00	\$11,966.00	\$45.00	\$17,370.00
2. 10" PVC SEWER PIPE, ASTM D-3034, SDR 26, 16' - 20' CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	95	\$39.00	\$3,705.00	\$39.00	\$3,705.00	\$47.00	\$4,465.00
3. 10" PVC SEWER PIPE, ASTM D-3034, SDR 26, 20' - 24' CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	311	\$50.00	\$15,550.00	\$64.00	\$19,904.00	\$73.00	\$22,703.00
4. 8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 0' - 8' CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	39	\$20.00	\$780.00	\$23.00	\$897.00	\$39.00	\$1,521.00
5. 8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 8' - 12' CUT, WITH STANDARD BACKFILL, COMPLETE IN PLACE	LF	1,040	\$21.00	\$21,840.00	\$26.00	\$27,040.00	\$41.00	\$42,640.00
6. 8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12' - 16' CUT, WITH STANDARD BACKFILL, COMPLETE IN PLACE	LF	811	\$25.00	\$20,275.00	\$28.00	\$22,708.00	\$43.00	\$34,873.00
7. 8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 16' -20' CUT, WITH STANDARD BACKFILL, COMPLETE IN PLACE	LF	194	\$36.00	\$6,984.00	\$43.00	\$8,342.00	\$44.00	\$8,536.00
8. STANDARD SANITARY SEWER MANHOLE (0' - 8' DEPTH), COMPLETE IN PLACE	EA	19	\$1,975.00	\$37,525.00	\$2,800.00	\$53,200.00	\$1,917.00	\$36,423.00
9. EXTRA DEPTH ON SANITARY SEWER MANHOLE, COMPLETE IN PLACE	VF	75	\$120.00	\$9,000.00	\$150.00	\$11,250.00	\$128.00	\$9,600.00
10. 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, MARKER, AND ANY NECESSARY FITTINGS, TRENCH SAFETY, ETC., COMPLETE IN PLACE	EA	25	\$1,470.00	\$36,750.00	\$2,100.00	\$52,500.00	\$2,658.00	\$66,450.00
11. 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, MARKER, AND ANY NECESSARY FITTINGS, TRENCH SAFETY, ETC., COMPLETE IN PLACE	EA	11	\$875.00	\$9,625.00	\$1,100.00	\$12,100.00	\$884.00	\$9,724.00
12. CONNECT PROPOSED SANITARY SEWER (ALL SIZES) TO EXISTING SANITARY SEWER MANHOLE, INCLUDES TEMPORARY PLUGS, PUMPING AS NECESSARY, CORE INTO MANHOLE, GROUTING, REMOVAL, DISPOSAL, AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	EA	4	\$900.00	\$3,600.00	\$1,700.00	\$6,800.00	\$1,338.00	\$5,352.00
13. SANITARY SEWER STACK (ALL DEPTHS), COMPLETE IN PLACE	EA	10	\$150.00	\$1,500.00	\$400.00	\$4,000.00	\$649.00	\$6,490.00
14. CONNECT PROPOSED SANITARY SEWER STACK OR SERVICE LEAD TO EXISTING SANITARY SEWER (DOES NOT INCLUDE PIPE, LEAD OR STACK) (ALL SIZES AND DEPTHS), INCLUDES TEMPORARY PLUGS, BYPASS PUMPING AS NECESSARY, ALL NECESSARY ADAPTERS AND CONNECTORS, COMPLETE IN PLACE	EA	3	\$735.00	\$2,205.00	\$250.00	\$750.00	\$426.00	\$1,278.00
15. ADDITIONAL COST OF WATER & SANITARY SEWER CROSSINGS, ALL DEPTHS, INCLUDES UPGRADE TO 18" SECTION FOR RESTRAINED JOINT AWWA C-900, DR 18, PIPE FOR BOTH WATER AND SANITARY SEWER LINES WHERE APPLICABLE & RESTRAINED JOINT FITTINGS, COMPLETE IN PLACE	EA	3	\$300.00	\$900.00	\$1,700.00	\$5,100.00	\$304.00	\$912.00
16. AUGER FOR 10" SANITARY SEWER LINE, INCLUDES PUMPING DURING CONSTRUCTION, DOES NOT INCLUDE PIPE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	20	\$70.00	\$1,400.00	\$170.00	\$3,400.00	\$120.00	\$2,400.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
17.	AUGER FOR 8" SANITARY SEWER LINE, INCLUDES PUMPING DURING CONSTRUCTION, DOES NOT INCLUDE PIPE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	65	\$28.00	\$1,820.00	\$82.00	\$5,330.00	\$57.00	\$3,705.00
18.	AUGER FOR 6" SANITARY SEWER LEAD, INCLUDES PUMPING DURING CONSTRUCTION, DOES NOT INCLUDE PIPE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	10	\$95.00	\$950.00	\$170.00	\$1,700.00	\$90.00	\$900.00
19.	STANDARD SANITARY SEWER DROP CONNECTION (ALL DEPTHS), INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, COMPLETE IN PLACE	EA	1	\$265.00	\$265.00	\$500.00	\$500.00	\$517.00	\$517.00
20.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2,800	\$0.01	\$28.00	\$0.10	\$280.00	\$0.12	\$336.00
<b>SUBTOTAL SANITARY SEWER SYSTEM ITEMS</b>					<b>\$188,212.00</b>		<b>\$251,472.00</b>		<b>\$276,195.00</b>
<b>STORM SEWER SYSTEM ITEMS</b>									
1.	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	1,421	\$60.00	\$85,260.00	\$59.00	\$83,839.00	\$69.00	\$98,049.00
2.	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	11	\$2,800.00	\$30,800.00	\$2,800.00	\$30,800.00	\$2,655.00	\$29,205.00
3.	STAGE I - STANDARD 5' REINFORCED CONCRETE PRECAST INLET ("H-2") ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	16	\$1,915.00	\$30,640.00	\$1,100.00	\$17,600.00	\$738.00	\$11,808.00
4.	STAGE II - STANDARD 5' REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE (4,000 PSI) INLET ("H-2"), COMPLETE IN PLACE	EA	16	\$700.00	\$11,200.00	\$1,100.00	\$17,600.00	\$1,027.00	\$16,432.00
5.	REMOVE AND DISPOSE OF 8 INCH BRICK PLUG ON 24-INCH RCP STORM SEWER AND CONNECT PROPOSED 24" RCP, COMPLETE IN PLACE	EA	3	\$100.00	\$300.00	\$500.00	\$1,500.00	\$426.00	\$1,278.00
6.	OVERFLOW DRAINAGE SWALE, (SEE GRADING PLAN SHEET 7) COMPLETE IN PLACE	LF	1,155	\$2.00	\$2,310.00	\$3.50	\$4,042.50	\$3.75	\$4,331.25
7.	CONNECT PROPOSED 24" RCP STORM SEWER TO EXISTING STORM SEWER MANHOLE, INCLUDES TEMPORARY PLUGS, PUMPING AS NECESSARY, BREAKING INTO MANHOLE, GROUTING, REMOVAL, DISPOSAL, AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	EA	1	\$280.00	\$280.00	\$1,000.00	\$1,000.00	\$1,520.00	\$1,520.00
8.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,421	\$0.01	\$14.21	\$0.10	\$142.10	\$0.12	\$170.52
<b>SUBTOTAL STORM SEWER SYSTEM ITEMS</b>					<b>\$160,804.21</b>		<b>\$156,523.60</b>		<b>\$162,793.77</b>
<b>OFFSITE STORM SEWER SYSTEM ITEMS</b>									
1.	66" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	1,088	\$280.00	\$304,640.00	\$285.00	\$310,080.00	\$270.00	\$293,760.00
2.	72" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	122	\$350.00	\$42,700.00	\$340.00	\$41,480.00	\$315.00	\$38,430.00
3.	72" CMP STORM SEWER PIPE AS SHOWN PER PLANS, ALL DEPTHS, INCLUDING EXCAVATION, BEDDING, BACKFILL, COMPLETE IN PLACE	LF	63	\$215.00	\$13,545.00	\$250.00	\$15,750.00	\$172.00	\$10,836.00
4.	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 48" STORM SEWER, AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	7	\$4,475.00	\$31,325.00	\$3,800.00	\$26,600.00	\$5,036.00	\$35,252.00
5.	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE WITH TYPE "E" INLET TOP FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$4,900.00	\$4,900.00	\$4,400.00	\$4,400.00	\$5,038.00	\$5,038.00

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6.	PRECAST OR CAST IN PLACE REINFORCED CONCRETE JUNCTION BOX MANHOLE FOR STORM SEWER, INCLUDING TYPE 'C' MANHOLE TOP, ALL DEPTHS AND SIZES, INCLUDING FINAL RIM ADJUSTMENTS, COMPLETE IN PLACE	EA	2	\$8,430.00	\$16,860.00	\$6,800.00	\$13,600.00	\$8,290.00	\$16,580.00
7.	PRECAST OR CAST IN PLACE REINFORCED CONCRETE JUNCTION BOX MANHOLE FOR STORM SEWER, INCLUDING TYPE 'C' MANHOLE WITH TYPE 'E' INLET TOP FOR ALL DEPTHS AND SIZES, INCLUDING FINAL RIM ADJUSTMENTS, COMPLETE IN PLACE	EA	1	\$8,430.00	\$8,430.00	\$12,000.00	\$12,000.00	\$4,729.00	\$4,729.00
8.	TIMBER BENT, INSTALLED PER HARRIS COUNTY DETAILS, COMPLETE IN PLACE	EA	1	\$1,200.00	\$1,200.00	\$2,000.00	\$2,000.00	\$1,277.00	\$1,277.00
9.	STORM "TRASH TROOPER", INSTALLED PER MANUFACTURERS DETAILS, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$29,725.00	\$29,725.00	\$60,000.00	\$60,000.00	\$38,419.00	\$38,419.00
10.	TEMPORARY COFFER DAM TO BE USED DURING CONSTRUCTION, INCLUDING INSTALLATION, REDRESSING OF SIDE SLOPES, AND REMOVAL UPON COMPLETION, COMPLETE IN PLACE	EA	2	\$2,500.00	\$5,000.00	\$8,000.00	\$16,000.00	\$7,903.00	\$15,806.00
11.	REMOVE AND REPLACE EXISTING 4' SLOPE PAVING AND SIDEWALK, INCLUDES DISPOSAL, SAW CUT, WATERTIGHT SEALING, RE-DRESSING SIDE SLOPE AS NECESSARY, COMPLETE IN PLACE	SY	25	\$62.00	\$1,550.00	\$150.00	\$3,750.00	\$164.00	\$4,100.00
12.	RIP RAP, INSTALLED PER HARRIS COUNTY FLOOD CONTROL DETAILS, COMPLETE IN PLACE	SY	310	\$69.00	\$21,390.00	\$73.00	\$22,630.00	\$79.00	\$24,490.00
13.	2-FOOT CLAY LINER, INCLUDES INSTALLATION. RE-DRESSING SIDE SLOPE AS NECESSARY, COMPLETE IN PLACE	SY	25	\$7.00	\$175.00	\$45.00	\$1,125.00	\$30.00	\$750.00
14.	REMOVE AND REPLACE EXSITING 'E' INLET WITH TYPE 'C' PRECAST OR CAST-IN-PLACE MANHOLE WITH TYPE 'E' INLET TOP FOR STORM SEWERS, ALL DEPTHS, INCLUDES TEMPORARY PLUGS, PUMPING AS NECESSARY, RE-DRESSING SIDE SLOPE AS NECESSARY, CONNECTION OF 48" STORM SEWER AND LARGER, GROUTING, REMOVAL, DISPOSAL, AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	EA	1	\$1,100.00	\$1,100.00	\$6,000.00	\$6,000.00	\$4,790.00	\$4,790.00
15.	ROADWAY AND LOT EXCAVATION FOR GRAND OAKS SECTION 8, INCLUDES FINAL GRADING, COMPLETE IN PLACE	CY	61,571	\$2.00	\$123,142.00	\$2.00	\$123,142.00	\$2.50	\$153,927.50
16.	HAUL OFFROAD SPOIL MATERIAL (NO GREATER THAN 0.25 MILES) TO FILL AREA, INCLUDES CUTTING OF SPOIL MATERIALS, PLACEMENT AND COMPACTION, FINAL GRADING, STRIPPING, STOCKPILE STRIPPINGS, DEMUCKING EXISTING DITCHES IN FILL AREA AND REAPPLYING STRIPPINGS TO FILL AREA, AS SHOWN ON SHEET 6A OF THE OFFSITE STORM SEWER CONSTRUCTION PLANS, COMPLETE IN PLACE	CY	61,571	\$3.00	\$184,713.00	\$0.90	\$55,413.90	\$0.90	\$55,413.90
17.	OVERFLOW DRAINAGE SWALE, (AS SHOWN IN CONSTRUCTION PLANS) COMPLETE IN PLACE	LF	5,332	\$2.00	\$10,664.00	\$3.00	\$15,996.00	\$3.75	\$19,995.00
18.	REMOVE AND DISPOSE OF EXISTING STORM SEWER (ALL SIZES), INCLUDES OFFSITE DISPOSAL, COMPLETE IN PLACE	EA	1	\$565.00	\$565.00	\$2,200.00	\$2,200.00	\$2,062.00	\$2,062.00
19.	BROADCAST SEEDING OF FILL AREAS, INCLUDES REAPPLICATION AS NECESSARY, FERTILIZATION AND WATERING, (AS SHOWN ON SHEET 6 OF THE CONSTRUCTION PLANS), COMPLETE IN PLACE	AC	3.6	\$735.00	\$2,646.00	\$800.00	\$2,880.00	\$851.00	\$3,063.60
20.	AS-BUILT SURVEY OF FILL AREAS, INCLUDES ELECTRONIC DATA PROVIDED TO THE ENGINEER, COMPLETE IN PLACE	LS	1	\$4,535.00	\$4,535.00	\$7,500.00	\$7,500.00	\$1,800.00	\$1,800.00
21.	4' ORANGE SAFETY FENCE, COMPLETE IN PLACE	LF	60	\$2.00	\$120.00	\$2.00	\$120.00	\$2.50	\$150.00
22.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,273	\$0.01	\$12.73	\$0.10	\$127.30	\$0.12	\$152.76

\* 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 GRAND OAKS SECTION 8 AND OFFSITE STORM SEWER  
 ROLLING CREEK UTILITY DISTRICT  
 CITY OF HOUSTON, HARRIS COUNTY, TEXAS  
 NOVEMBER 21, 2018  
 LJA ENGINEERING, INC.  
 L. MARTINEZ  
 NOVEMBER 21, 2018  
 1037-6008 (9.2)

ITEM DESCRIPTION	UNIT	QTY	1) SENDERO INDUSTRIES, LLC		2) R CONSTRUCTION CIVL, LLC DBA R CONSTRUCTION COMPANY		3) CLEARWATER UTILITIES, INC.	
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>SUBTOTAL OFFSITE STORM SEWER SYSTEM ITEMS</b>				<b>\$808,937.73</b>		<b>\$742,794.20</b>		<b>\$730,821.76</b>
<b>MISCELLANEOUS ITEMS - WS&amp;D</b>								
1. EXTRA REINFORCED FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$1.25	\$125.00	\$1.00	\$100.00	\$1.00	\$100.00
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	\$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	\$1,275.00	\$1,275.00	\$1,300.00	\$1,300.00	\$1,000.00	\$1,000.00
6. EXTRA WATER LINE FITTINGS, COMPLETE IN PLACE	TON	0.1	\$1,000.00	\$100.00	\$1,000.00	\$100.00	\$1,000.00	\$100.00
7. EXTRA CEMENT STABILIZED SAND BACKFILL, (1.1 SACKS PER TON), (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	10	\$15.00	\$150.00	\$30.00	\$300.00	\$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	\$8.00	\$4,000.00	\$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	\$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	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
11. EXTRA DEWATERING FOR UTILITY LINES, ALL LINES SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1,600	\$20.00	\$32,000.00	\$20.00	\$32,000.00	\$20.00	\$32,000.00
12. EXTRA BROADCAST SEEDING, INCLUDES FERTILIZATION AND WATERING, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$450.00	\$450.00	\$450.00	\$450.00	\$450.00	\$450.00
13. ADJUST EXISTING MANHOLE RIM ELEVATION AS REQUIRED (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$150.00	\$150.00	\$150.00	\$150.00	\$150.00	\$150.00
14. EXTRA 12" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$800.00	\$800.00	\$800.00	\$800.00
15. EXTRA 6" 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. 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
17. STORM WATER POLLUTION INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE	LS	1	\$1,100.00	\$1,100.00	\$1,000.00	\$1,000.00	\$1,825.00	\$1,825.00
18. REMOVE AND REPLACE SOD IN ANY EXISTING DISTURBED AREAS, TO BE USED AT THE DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	LS	1	\$5,670.00	\$5,670.00	\$1.00	\$1.00	\$150.00	\$150.00
19. UTILITY SPOILS, INCLUDES ON-SITE HAULING UP TO 0.5 MILES, MUCKING EXISTING DITCHES, STRIPPING, STOCKPILING OF STRIPPINGS, COMPACTION FOR 95% STANDARD PROCTOR DENSITY, AND RE-APPLICATION OF STRIPPINGS, TO BE PLACED AT THE DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	LS	1	\$7,830.00	\$7,830.00	\$19,000.00	\$19,000.00	\$31,400.00	\$31,400.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
 TO SERVE GRAND OAKS SECTION 8 AND OFFSITE STORM SEWER  
 ROLLING CREEK UTILITY DISTRICT  
 CITY OF HOUSTON, HARRIS COUNTY, TEXAS  
 NOVEMBER 21, 2018  
 LJA ENGINEERING, INC.  
 L. MARTINEZ  
 NOVEMBER 21, 2018  
 1037-6008 (9.2)

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

ITEM DESCRIPTION	UNIT	QTY	1) SENDERO INDUSTRIES, LLC		2) R CONSTRUCTION CIVL, LLC DBA R CONSTRUCTION COMPANY		3) CLEARWATER UTILITIES, INC.	
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
20. REMOVE, DISPOSE AND REPLACE EXISTING WHEELCHAIR RAMP FOR CONSTRUCTION OF MANHOLES AND SEWER PIPES, INCLUDES ALL APPURTENANCES, COMPLETE IN PLACE	EA	2	\$285.00	\$570.00	\$1,700.00	\$3,400.00	\$3,000.00	\$6,000.00
<b>SUBTOTAL MISCELLANEOUS ITEMS - WS&amp;D</b>				<b>\$55,030.00</b>		<b>\$65,211.00</b>		<b>\$78,935.00</b>
<b>BID SUMMARY</b>								
SUBTOTAL CLEARING AND GRUBBING ITEMS				\$179,349.00		\$180,660.00		\$153,239.00
SUBTOTAL WATER ITEMS				\$67,629.90		\$85,014.00		\$86,550.80
SUBTOTAL SANITARY SEWER SYSTEM ITEMS				\$188,212.00		\$251,472.00		\$276,195.00
SUBTOTAL STORM SEWER SYSTEM ITEMS				\$160,804.21		\$156,523.60		\$162,793.77
SUBTOTAL OFFSITE STORM SEWER SYSTEM ITEMS				\$808,937.73		\$742,794.20		\$730,821.76
SUBTOTAL MISCELLANEOUS ITEMS - WS&D				\$55,030.00		\$65,211.00		\$78,935.00
<b>TOTAL AMOUNT BID</b>				<b>\$1,459,962.84</b>		<b>\$1,481,674.80</b>		<b>\$1,488,535.33</b>

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
 TO SERVE GRAND OAKS SECTION 8 AND OFFSITE STORM SEWER  
 ROLLING CREEK UTILITY DISTRICT  
 CITY OF HOUSTON, HARRIS COUNTY, TEXAS  
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 LJA ENGINEERING, INC.  
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**LJA JOB NO.**

4) PRINCIPAL SERVICES, LTD.

5) FELLERS & CLARK, LP

6) DIFFCO, LLC

ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>CLEARING AND GRUBBING ITEMS</b>								
1. HEAVY CLEARING AND GRUBBING OF LOTS, INCLUDING REMOVAL OF GRAVEL ROADS AS WELL AS UNDERBRUSHING AND REMOVAL OF UNMARKED TREES IN AREAS DESIGNATED ON THE PLANS, COMPLETE IN PLACE	AC	19.6	\$2,600.00	\$50,960.00	\$3,570.00	\$69,972.00	\$3,367.40	\$66,001.04
2. HEAVY CLEARING AND GRUBBING OF RIGHT OF WAY AND EASEMENTS, INCLUDING REMOVAL OF GRAVEL ROADS AS WELL AS UNDERBRUSHING AND REMOVAL OF UNMARKED TREES IN AREAS DESIGNATED ON THE PLANS, COMPLETE IN PLACE	AC	3.9	\$2,600.00	\$10,140.00	\$3,570.00	\$13,923.00	\$2,420.30	\$9,439.17
3. LIGHT CLEARING AND GRUBBING OF LOTS, INCLUDING REMOVAL OF GRAVEL ROADS AS WELL AS UNDERBRUSHING AND REMOVAL OF UNMARKED TREES IN AREAS DESIGNATED ON THE PLANS, COMPLETE IN PLACE	AC	2.2	\$650.00	\$1,430.00	\$3,570.00	\$7,854.00	\$3,242.90	\$7,134.38
4. LIGHT CLEARING AND GRUBBING OF RIGHT OF WAY AND EASEMENTS, INCLUDING REMOVAL OF GRAVEL ROADS AS WELL AS UNDERBRUSHING AND REMOVAL OF UNMARKED TREES IN AREAS DESIGNATED ON THE PLANS, COMPLETE IN PLACE	AC	0.7	\$650.00	\$455.00	\$3,570.00	\$2,499.00	\$6,029.10	\$4,220.37
5. OFFSITE DISPOSAL OF CLEARED AND GRUBBED MATERIAL, COMPLETE IN PLACE	AC	26.4	\$3,400.00	\$89,760.00	\$3,675.00	\$97,020.00	\$3,880.80	\$102,453.12
6. REMOVAL AND DISPOSAL OF TIRES AND MISCELLANEOUS DEBRIS, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LS	1	\$1,900.00	\$1,900.00	\$17,850.00	\$17,850.00	\$2,205.00	\$2,205.00
<b>SUBTOTAL CLEARING AND GRUBBING ITEMS</b>				<b>\$154,645.00</b>		<b>\$209,118.00</b>		<b>\$191,453.08</b>
<b>WATER ITEMS</b>								
1. 8" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	1,739	\$29.00	\$50,431.00	\$26.65	\$46,344.35	\$31.00	\$53,909.00
2. 6" PVC WATER PIPE, AWWA C-900, DR18, CLASS 235 INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	225	\$28.00	\$6,300.00	\$19.80	\$4,455.00	\$22.00	\$4,950.00
3. 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	66	\$36.00	\$2,376.00	\$34.65	\$2,286.90	\$95.00	\$6,270.00
4. 6" 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	80	\$36.00	\$2,880.00	\$29.45	\$2,356.00	\$75.00	\$6,000.00
5. FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, TRENCH SAFETY, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	7	\$3,400.00	\$23,800.00	\$4,310.00	\$30,170.00	\$3,900.00	\$27,300.00
6. 2" BLOW OFF VALVE AND BOX, COMPLETE IN PLACE	EA	3	\$800.00	\$2,400.00	\$500.00	\$1,500.00	\$1,100.00	\$3,300.00
7. PLUG AND CLAMP (ALL SIZES), COMPLETE IN PLACE	EA	3	\$150.00	\$450.00	\$75.00	\$225.00	\$750.00	\$2,250.00
8. REMOVAL OF EXISTING PLUG & CLAMP, (ALL SIZES), 2" BLOW-OFF VALVE & BOX AND CONNECT PROPOSED WATER LINE TO EXISTING WATER LINE, ADDITIONALLY INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, AND DISINFECTION OF EXISTING WATER LINE AS APPLICABLE, COMPLETE IN PLACE	EA	4	\$344.00	\$1,376.00	\$450.00	\$1,800.00	\$2,000.00	\$8,000.00
9. AUGER FOR 6" WATERLINE, INCLUDES PUMPING DURING CONSTRUCTION, DOES NOT INCLUDE PIPE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER) COMPLETE IN PLACE	LF	20	\$210.00	\$4,200.00	\$125.20	\$2,504.00	\$85.00	\$1,700.00
10. TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	2,090	\$0.10	\$209.00	\$0.10	\$209.00	\$0.50	\$1,045.00

\* MATHEMATICAL ERROR



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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
 TO SERVE GRAND OAKS SECTION 8 AND OFFSITE STORM SEWER  
 ROLLING CREEK UTILITY DISTRICT  
 CITY OF HOUSTON, HARRIS COUNTY, TEXAS  
 NOVEMBER 21, 2018  
 LJA ENGINEERING, INC.  
 L. MARTINEZ  
 NOVEMBER 21, 2018  
 1037-6008 (9.2)

4) PRINCIPAL SERVICES, LTD.

5) FELLERS & CLARK, LP

6) DIFFCO, LLC

ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>SUBTOTAL WATER ITEMS</b>					<b>\$94,422.00</b>		<b>\$91,850.25</b>	<b>\$114,724.00</b>
<b>SANITARY SEWER SYSTEM ITEMS</b>								
1. 10" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12' - 16' CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	386	\$39.00	\$15,054.00	\$65.40	\$25,244.40	\$47.00	\$18,142.00
2. 10" PVC SEWER PIPE, ASTM D-3034, SDR 26, 16' - 20' CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	95	\$58.00	\$5,510.00	\$65.40	\$6,213.00	\$57.00	\$5,415.00
3. 10" PVC SEWER PIPE, ASTM D-3034, SDR 26, 20' - 24' CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	311	\$110.00	\$34,210.00	\$65.40	\$20,339.40	\$77.00	\$23,947.00
4. 8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 0' - 8' CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	39	\$49.00	\$1,911.00	\$48.70	\$1,899.30	\$41.00	\$1,599.00
5. 8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 8' - 12' CUT, WITH STANDARD BACKFILL, COMPLETE IN PLACE	LF	1,040	\$32.00	\$33,280.00	\$48.70	\$50,648.00	\$45.00	\$46,800.00
6. 8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12' - 16' CUT, WITH STANDARD BACKFILL, COMPLETE IN PLACE	LF	811	\$36.00	\$29,196.00	\$48.70	\$39,495.70	\$53.00	\$42,983.00
7. 8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 16' -20' CUT, WITH STANDARD BACKFILL, COMPLETE IN PLACE	LF	194	\$56.00	\$10,864.00	\$48.70	\$9,447.80	\$71.00	\$13,774.00
8. STANDARD SANITARY SEWER MANHOLE (0' - 8' DEPTH), COMPLETE IN PLACE	EA	19	\$1,800.00	\$34,200.00	\$1,895.00	\$36,005.00	\$1,550.00	\$29,450.00
9. EXTRA DEPTH ON SANITARY SEWER MANHOLE, COMPLETE IN PLACE	VF	75	\$150.00	\$11,250.00	\$128.00	\$9,600.00	\$350.00	\$26,250.00
10. 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, MARKER, AND ANY NECESSARY FITTINGS, TRENCH SAFETY, ETC., COMPLETE IN PLACE	EA	25	\$2,100.00	\$52,500.00	\$2,640.00	\$66,000.00	\$950.00	\$23,750.00
11. 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, MARKER, AND ANY NECESSARY FITTINGS, TRENCH SAFETY, ETC., COMPLETE IN PLACE	EA	11	\$1,400.00	\$15,400.00	\$925.00	\$10,175.00	\$650.00	\$7,150.00
12. CONNECT PROPOSED SANITARY SEWER (ALL SIZES) TO EXISTING SANITARY SEWER MANHOLE, INCLUDES TEMPORARY PLUGS, PUMPING AS NECESSARY, CORE INTO MANHOLE, GROUTING, REMOVAL, DISPOSAL, AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	EA	4	\$1,000.00	\$4,000.00	\$1,345.00	\$5,380.00	\$4,500.00	\$18,000.00
13. SANITARY SEWER STACK (ALL DEPTHS), COMPLETE IN PLACE	EA	10	\$350.00	\$3,500.00	\$600.00	\$6,000.00	\$350.00	\$3,500.00
14. CONNECT PROPOSED SANITARY SEWER STACK OR SERVICE LEAD TO EXISTING SANITARY SEWER (DOES NOT INCLUDE PIPE, LEAD OR STACK) (ALL SIZES AND DEPTHS), INCLUDES TEMPORARY PLUGS, BYPASS PUMPING AS NECESSARY, ALL NECESSARY ADAPTERS AND CONNECTORS, COMPLETE IN PLACE	EA	3	\$640.00	\$1,920.00	\$735.00	\$2,205.00	\$1,500.00	\$4,500.00
15. ADDITIONAL COST OF WATER & SANITARY SEWER CROSSINGS, ALL DEPTHS, INCLUDES UPGRADE TO 18" SECTION FOR RESTRAINED JOINT AWWA C-900, DR 18, PIPE FOR BOTH WATER AND SANITARY SEWER LINES WHERE APPLICABLE & RESTRAINED JOINT FITTINGS, COMPLETE IN PLACE	EA	3	\$500.00	\$1,500.00	\$93.00	\$279.00	\$4,500.00	\$13,500.00
16. AUGER FOR 10" SANITARY SEWER LINE, INCLUDES PUMPING DURING CONSTRUCTION, DOES NOT INCLUDE PIPE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	20	\$260.00	\$5,200.00	\$115.40	\$2,308.00	\$85.00	\$1,700.00

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 TO SERVE GRAND OAKS SECTION 8 AND OFFSITE STORM SEWER  
 ROLLING CREEK UTILITY DISTRICT  
 CITY OF HOUSTON, HARRIS COUNTY, TEXAS  
 NOVEMBER 21, 2018  
 LJA ENGINEERING, INC.  
 L. MARTINEZ  
 NOVEMBER 21, 2018  
 1037-6008 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) PRINCIPAL SERVICES, LTD.		5) FELLERS & CLARK, LP		6) DIFFCO, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
17.	AUGER FOR 8" SANITARY SEWER LINE, INCLUDES PUMPING DURING CONSTRUCTION, DOES NOT INCLUDE PIPE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	65	\$131.00	\$8,515.00	\$56.25	\$3,656.25	\$85.00	\$5,525.00
18.	AUGER FOR 6" SANITARY SEWER LEAD, INCLUDES PUMPING DURING CONSTRUCTION, DOES NOT INCLUDE PIPE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	10	\$390.00	\$3,900.00	\$200.90	\$2,009.00	\$85.00	\$850.00
19.	STANDARD SANITARY SEWER DROP CONNECTION (ALL DEPTHS), INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$625.00	\$625.00	\$850.00	\$850.00
20.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2,800	\$0.10	\$280.00	\$0.10	\$280.00	\$1.00	\$2,800.00
<b>SUBTOTAL SANITARY SEWER SYSTEM ITEMS</b>					<b>\$272,690.00</b>		<b>\$297,809.85</b>		<b>\$290,485.00</b>
<b>STORM SEWER SYSTEM ITEMS</b>									
1.	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	1,421	\$67.00	\$95,207.00	\$67.60	\$96,059.60	\$51.00	\$72,471.00
2.	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	11	\$2,800.00	\$30,800.00	\$2,610.00	\$28,710.00	\$2,100.00	\$23,100.00
3.	STAGE I - STANDARD 5' REINFORCED CONCRETE PRECAST INLET ("H-2") ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	16	\$1,400.00	\$22,400.00	\$855.00	\$13,680.00	\$2,100.00	\$33,600.00
4.	STAGE II - STANDARD 5' REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE (4,000 PSI) INLET ("H-2"), COMPLETE IN PLACE	EA	16	\$1,300.00	\$20,800.00	\$1,405.00	\$22,480.00	\$1,150.00	\$18,400.00
5.	REMOVE AND DISPOSE OF 8 INCH BRICK PLUG ON 24-INCH RCP STORM SEWER AND CONNECT PROPOSED 24" RCP, COMPLETE IN PLACE	EA	3	\$500.00	\$1,500.00	\$430.00	\$1,290.00	\$950.00	\$2,850.00
6.	OVERFLOW DRAINAGE SWALE, (SEE GRADING PLAN SHEET 7) COMPLETE IN PLACE	LF	1,155	\$4.00	\$4,620.00	\$5.25	\$6,063.75	\$10.70	\$12,358.50
7.	CONNECT PROPOSED 24" RCP STORM SEWER TO EXISTING STORM SEWER MANHOLE, INCLUDES TEMPORARY PLUGS, PUMPING AS NECESSARY, BREAKING INTO MANHOLE, GROUTING, REMOVAL, DISPOSAL, AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	EA	1	\$750.00	\$750.00	\$1,345.00	\$1,345.00	\$3,500.00	\$3,500.00
8.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,421	\$0.10	\$142.10	\$0.10	\$142.10	\$1.00	\$1,421.00
<b>SUBTOTAL STORM SEWER SYSTEM ITEMS</b>					<b>\$176,219.10</b>		<b>\$169,770.45</b>		<b>\$167,700.50</b>
<b>OFFSITE STORM SEWER SYSTEM ITEMS</b>									
1.	66" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	1,088	\$290.00	\$315,520.00	\$265.90	\$289,299.20	\$270.00	\$293,760.00
2.	72" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	122	\$336.00	\$40,992.00	\$315.45	\$38,484.90	\$330.00	\$40,260.00
3.	72" CMP STORM SEWER PIPE AS SHOWN PER PLANS, ALL DEPTHS, INCLUDING EXCAVATION, BEDDING, BACKFILL, COMPLETE IN PLACE	LF	63	\$250.00	\$15,750.00	\$195.90	\$12,341.70	\$210.00	\$13,230.00
4.	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 48" STORM SEWER, AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	7	\$4,200.00	\$29,400.00	\$4,715.00	\$33,005.00	\$7,500.00	\$52,500.00
5.	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE WITH TYPE "E" INLET TOP FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$4,700.00	\$4,700.00	\$5,405.00	\$5,405.00	\$6,500.00	\$6,500.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
 TO SERVE GRAND OAKS SECTION 8 AND OFFSITE STORM SEWER  
 ROLLING CREEK UTILITY DISTRICT  
 CITY OF HOUSTON, HARRIS COUNTY, TEXAS  
 NOVEMBER 21, 2018  
 LJA ENGINEERING, INC.  
 L. MARTINEZ  
 NOVEMBER 21, 2018  
 1037-6008 (9.2)

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

4) PRINCIPAL SERVICES, LTD.

5) FELLERS & CLARK, LP

6) DIFFCO, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6.	PRECAST OR CAST IN PLACE REINFORCED CONCRETE JUNCTION BOX MANHOLE FOR STORM SEWER, INCLUDING TYPE "C" MANHOLE TOP, ALL DEPTHS AND SIZES, INCLUDING FINAL RIM ADJUSTMENTS, COMPLETE IN PLACE	EA	2	\$5,700.00	\$11,400.00	\$9,780.00	\$19,560.00	\$7,200.00	\$14,400.00
7.	PRECAST OR CAST IN PLACE REINFORCED CONCRETE JUNCTION BOX MANHOLE FOR STORM SEWER, INCLUDING TYPE "C" MANHOLE WITH TYPE "E" INLET TOP FOR ALL DEPTHS AND SIZES, INCLUDING FINAL RIM ADJUSTMENTS, COMPLETE IN PLACE	EA	1	\$10,700.00	\$10,700.00	\$5,580.00	\$5,580.00	\$6,500.00	\$6,500.00
8.	TIMBER BENT, INSTALLED PER HARRIS COUNTY DETAILS, COMPLETE IN PLACE	EA	1	\$750.00	\$750.00	\$1,220.00	\$1,220.00	\$6,500.00	\$6,500.00
9.	STORM "TRASH TROOPER", INSTALLED PER MANUFACTURERS DETAILS, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$53,000.00	\$53,000.00	\$61,650.00	\$61,650.00	\$54,000.00	\$54,000.00
10.	TEMPORARY COFFER DAM TO BE USED DURING CONSTRUCTION, INCLUDING INSTALLATION, REDRESSING OF SIDE SLOPES, AND REMOVAL UPON COMPLETION, COMPLETE IN PLACE	EA	2	\$8,500.00	\$17,000.00	\$9,160.00	\$18,320.00	\$10,000.00	\$20,000.00
11.	REMOVE AND REPLACE EXISTING 4" SLOPE PAVING AND SIDEWALK, INCLUDES DISPOSAL, SAW CUT, WATERTIGHT SEALING, RE-DRESSING SIDE SLOPE AS NECESSARY, COMPLETE IN PLACE	SY	25	\$127.00	\$3,175.00	\$245.00	\$6,125.00	\$275.00	\$6,875.00
12.	RIP RAP, INSTALLED PER HARRIS COUNTY FLOOD CONTROL DETAILS, COMPLETE IN PLACE	SY	310	\$78.00	\$24,180.00	\$73.30	\$22,723.00	\$110.00	\$34,100.00
13.	2-FOOT CLAY LINER, INCLUDES INSTALLATION. RE-DRESSING SIDE SLOPE AS NECESSARY, COMPLETE IN PLACE	SY	25	\$100.00	\$2,500.00	\$171.00	\$4,275.00	\$104.70	\$2,617.50
14.	REMOVE AND REPLACE EXSITING "E" INLET WITH TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE WITH TYPE "E" INLET TOP FOR STORM SEWERS, ALL DEPTHS, INCLUDES TEMPORARY PLUGS, PUMPING AS NECESSARY, RE-DRESSING SIDE SLOPE AS NECESSARY, CONNECTION OF 48" STORM SEWER AND LARGER, GROUTING, REMOVAL, DISPOSAL, AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	EA	1	\$1,800.00	\$1,800.00	\$6,180.00	\$6,180.00	\$3,600.00	\$3,600.00
15.	ROADWAY AND LOT EXCAVATION FOR GRAND OAKS SECTION 8, INCLUDES FINAL GRADING, COMPLETE IN PLACE	CY	61,571	\$2.50	\$153,927.50	\$1.05	\$64,649.55	\$0.97	\$59,723.87
16.	HAUL OFFROAD SPOIL MATERIAL (NO GREATER THAN 0.25 MILES) TO FILL AREA, INCLUDES CUTTING OF SPOIL MATERIALS, PLACEMENT AND COMPACTION, FINAL GRADING, STRIPPING, STOCKPILE STRIPPINGS, DEMUCKING EXISTING DITCHES IN FILL AREA AND REAPPLYING STRIPPINGS TO FILL AREA, AS SHOWN ON SHEET 6A OF THE OFFSITE STORM SEWER CONSTRUCTION PLANS, COMPLETE IN PLACE	CY	61,571	\$1.00	\$61,571.00	\$2.80	\$172,398.80	\$2.52	\$155,158.92
17.	OVERFLOW DRAINAGE SWALE, (AS SHOWN IN CONSTRUCTION PLANS) COMPLETE IN PLACE	LF	5,332	\$3.50	\$18,662.00	\$5.25	\$27,993.00	\$4.06	\$21,647.92
18.	REMOVE AND DISPOSE OF EXISTING STORM SEWER (ALL SIZES), INCLUDES OFFSITE DISPOSAL, COMPLETE IN PLACE	EA	1	\$3,000.00	\$3,000.00	\$6,095.00	\$6,095.00	\$6,500.00	\$6,500.00
19.	BROADCAST SEEDING OF FILL AREAS, INCLUDES REAPPLICATION AS NECESSARY, FERTILIZATION AND WATERING, (AS SHOWN ON SHEET 6 OF THE CONSTRUCTION PLANS), COMPLETE IN PLACE	AC	3.6	\$750.00	\$2,700.00	\$1,260.00	\$4,536.00	\$1,200.00	\$4,320.00
20.	AS-BUILT SURVEY OF FILL AREAS, INCLUDES ELECTRONIC DATA PROVIDED TO THE ENGINEER, COMPLETE IN PLACE	LS	1	\$10,000.00	\$10,000.00	\$6,000.00	\$6,000.00	\$7,500.00	\$7,500.00
21.	4' ORANGE SAFETY FENCE, COMPLETE IN PLACE	LF	60	\$15.00	\$900.00	\$3.05	\$183.00	\$10.00	\$600.00
22.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,273	\$0.10	\$127.30	\$0.10	\$127.30	\$1.00	\$1,273.00

\* MATHEMATICAL ERROR

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 ROLLING CREEK UTILITY DISTRICT  
 CITY OF HOUSTON, HARRIS COUNTY, TEXAS  
 NOVEMBER 21, 2018  
 LJA ENGINEERING, INC.  
 L. MARTINEZ  
 NOVEMBER 21, 2018  
 1037-6008 (9.2)

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**LJA JOB NO.**

4) PRINCIPAL SERVICES, LTD.

5) FELLERS & CLARK, LP

6) DIFFCO, LLC

ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
<b>SUBTOTAL OFFSITE STORM SEWER SYSTEM ITEMS</b>				<b>\$781,754.80</b>		<b>\$806,151.45</b>		<b>\$811,566.21 *</b>	
<b>MISCELLANEOUS ITEMS – WS&amp;D</b>									
1. EXTRA REINFORCED 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	
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	\$1,000.00	\$1,000.00	
6. EXTRA WATER LINE FITTINGS, COMPLETE IN PLACE	TON	0.1	\$1,000.00	\$100.00	\$1,000.00	\$100.00	\$1,000.00	\$100.00	
7. EXTRA CEMENT STABILIZED SAND BACKFILL, (1.1 SACKS PER TON), (TO BE USED ONLY AT THE DIRECTION OF THE 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	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	
11. EXTRA DEWATERING FOR UTILITY LINES, ALL LINES SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1,600	\$30.00	\$48,000.00	\$20.00	\$32,000.00	\$20.00	\$32,000.00	
12. EXTRA BROADCAST SEEDING, INCLUDES FERTILIZATION AND WATERING, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$450.00	\$450.00	\$450.00	\$450.00	\$450.00	\$450.00	
13. ADJUST EXISTING MANHOLE RIM ELEVATION AS REQUIRED (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$150.00	\$150.00	\$150.00	\$150.00	\$150.00	\$150.00	
14. EXTRA 12" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$2,000.00	\$2,000.00	\$800.00	\$800.00	
15. EXTRA 6" 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. 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	
17. STORM WATER POLLUTION INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE	LS	1	\$700.00	\$700.00	\$1,800.00	\$1,800.00	\$4,500.00	\$4,500.00	
18. REMOVE AND REPLACE SOD IN ANY EXISTING DISTURBED AREAS, TO BE USED AT THE DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	LS	1	\$1,000.00	\$1,000.00	\$1,800.00	\$1,800.00	\$15,000.00	\$15,000.00	
19. UTILITY SPOILS, INCLUDES ON-SITE HAULING UP TO 0.5 MILES, MUCKING EXISTING DITCHES, STRIPPING, STOCKPILING OF STRIPPINGS, COMPACTION FOR 95% STANDARD PROCTOR DENSITY, AND RE-APPLICATION OF STRIPPINGS, TO BE PLACED AT THE DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	LS	1	\$20,000.00	\$20,000.00	\$19,000.00	\$19,000.00	\$25,000.00	\$25,000.00	

\* MATHEMATICAL ERROR

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
 TO SERVE GRAND OAKS SECTION 8 AND OFFSITE STORM SEWER  
 ROLLING CREEK UTILITY DISTRICT  
 CITY OF HOUSTON, HARRIS COUNTY, TEXAS  
 NOVEMBER 21, 2018  
 LJA ENGINEERING, INC.  
 L. MARTINEZ  
 NOVEMBER 21, 2018  
 1037-6008 (9.2)

ITEM DESCRIPTION	UNIT	QTY	4) PRINCIPAL SERVICES, LTD.		5) FELLERS & CLARK, LP		6) DIFFCO, LLC	
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
20. REMOVE, DISPOSE AND REPLACE EXISTING WHEELCHAIR RAMP FOR CONSTRUCTION OF MANHOLES AND SEWER PIPES, INCLUDES ALL APPURTENANCES, COMPLETE IN PLACE	EA	2	\$2,000.00	\$4,000.00	\$3,970.00	\$7,940.00	\$3,500.00	\$7,000.00
<b>SUBTOTAL MISCELLANEOUS ITEMS - WS&amp;D</b>				<b>\$81,260.00</b>		<b>\$71,300.00</b>		<b>\$91,060.00</b>
<b>BID SUMMARY</b>								
SUBTOTAL CLEARING AND GRUBBING ITEMS				\$154,645.00		\$209,118.00		\$191,453.08
SUBTOTAL WATER ITEMS				\$94,422.00		\$91,850.25		\$114,724.00
SUBTOTAL SANITARY SEWER SYSTEM ITEMS				\$272,690.00		\$297,809.85		\$290,485.00
SUBTOTAL STORM SEWER SYSTEM ITEMS				\$176,219.10		\$169,770.45		\$167,700.50
SUBTOTAL OFFSITE STORM SEWER SYSTEM ITEMS				\$781,754.80		\$806,151.45		\$811,566.21
SUBTOTAL MISCELLANEOUS ITEMS - WS&D				\$81,260.00		\$71,300.00		\$91,060.00
<b>TOTAL AMOUNT BID</b>				<b>\$1,560,990.90</b>		<b>\$1,646,000.00</b>		<b>\$1,666,988.79</b>

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 ROLLING CREEK UTILITY DISTRICT  
 CITY OF HOUSTON, HARRIS COUNTY, TEXAS  
 NOVEMBER 21, 2018  
 LJA ENGINEERING, INC.  
 L. MARTINEZ  
 NOVEMBER 21, 2018  
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ITEM DESCRIPTION	UNIT	QTY	7) CROSTEX CONSTRUCTION, INC.		8) BLAZEY CONSTRUCTION SERVICES, LLC		9) TRIPLE B SERVICES, LLP		
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
<b>CLEARING AND GRUBBING ITEMS</b>									
1. HEAVY CLEARING AND GRUBBING OF LOTS, INCLUDING REMOVAL OF GRAVEL ROADS AS WELL AS UNDERBRUSHING AND REMOVAL OF UNMARKED TREES IN AREAS DESIGNATED ON THE PLANS, COMPLETE IN PLACE	AC	19.6	\$7,000.00	\$137,200.00	\$4,820.00	\$94,472.00	\$7,000.00	\$137,200.00	
2. HEAVY CLEARING AND GRUBBING OF RIGHT OF WAY AND EASEMENTS, INCLUDING REMOVAL OF GRAVEL ROADS AS WELL AS UNDERBRUSHING AND REMOVAL OF UNMARKED TREES IN AREAS DESIGNATED ON THE PLANS, COMPLETE IN PLACE	AC	3.9	\$7,000.00	\$27,300.00	\$4,820.00	\$18,798.00	\$6,800.00	\$26,520.00	
3. LIGHT CLEARING AND GRUBBING OF LOTS, INCLUDING REMOVAL OF GRAVEL ROADS AS WELL AS UNDERBRUSHING AND REMOVAL OF UNMARKED TREES IN AREAS DESIGNATED ON THE PLANS, COMPLETE IN PLACE	AC	2.2	\$3,000.00	\$6,600.00	\$3,750.00	\$8,250.00	\$5,000.00	\$11,000.00	
4. LIGHT CLEARING AND GRUBBING OF RIGHT OF WAY AND EASEMENTS, INCLUDING REMOVAL OF GRAVEL ROADS AS WELL AS UNDERBRUSHING AND REMOVAL OF UNMARKED TREES IN AREAS DESIGNATED ON THE PLANS, COMPLETE IN PLACE	AC	0.7	\$3,000.00	\$2,100.00	\$3,750.00	\$2,625.00	\$5,000.00	\$3,500.00	
5. OFFSITE DISPOSAL OF CLEARED AND GRUBBED MATERIAL, COMPLETE IN PLACE	AC	26.4	\$750.00	\$19,800.00	\$2,700.00	\$71,280.00	\$760.00	\$20,064.00	
6. REMOVAL AND DISPOSAL OF TIRES AND MISCELLANEOUS DEBRIS, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LS	1	\$7,000.00	\$7,000.00	\$6,500.00	\$6,500.00	\$500.00	\$500.00	
<b>SUBTOTAL CLEARING AND GRUBBING ITEMS</b>				<b>\$200,000.00</b>		<b>\$201,925.00</b>		<b>\$198,784.00</b>	
<b>WATER ITEMS</b>									
1. 8" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	1,739	\$21.25	\$36,953.75	\$27.00	\$46,953.00	\$34.00	\$59,126.00	
2. 6" PVC WATER PIPE, AWWA C-900, DR18, CLASS 235 INCLUDES ALL FITTINGS AND VALVES, COMPLETE IN PLACE	LF	225	\$15.00	\$3,375.00	\$23.00	\$5,175.00	\$24.00	\$5,400.00	
3. 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	66	\$21.00	\$1,386.00	\$32.00	\$2,112.00	\$32.00	\$2,112.00	
4. 6" 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	80	\$20.00	\$1,600.00	\$26.00	\$2,080.00	\$28.00	\$2,240.00	
5. FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, TRENCH SAFETY, LEAD AND FLUSHING VALVE, COMPLETE IN PLACE	EA	7	\$4,000.00	\$28,000.00	\$3,021.00	\$21,147.00	\$4,000.00	\$28,000.00	
6. 2" BLOW OFF VALVE AND BOX, COMPLETE IN PLACE	EA	3	\$570.00	\$1,710.00	\$1,007.00	\$3,021.00	\$1,000.00	\$3,000.00	
7. PLUG AND CLAMP (ALL SIZES), COMPLETE IN PLACE	EA	3	\$100.00	\$300.00	\$294.00	\$882.00	\$550.00	\$1,650.00	
8. REMOVAL OF EXISTING PLUG & CLAMP, (ALL SIZES), 2" BLOW-OFF VALVE & BOX AND CONNECT PROPOSED WATER LINE TO EXISTING WATER LINE, ADDITIONALLY INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, AND DISINFECTION OF EXISTING WATER LINE AS APPLICABLE, COMPLETE IN PLACE	EA	4	\$500.00	\$2,000.00	\$745.00	\$2,980.00	\$800.00	\$3,200.00	
9. AUGER FOR 6" WATERLINE, INCLUDES PUMPING DURING CONSTRUCTION, DOES NOT INCLUDE PIPE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER) COMPLETE IN PLACE	LF	20	\$100.00	\$2,000.00	\$116.00	\$2,320.00	\$260.00	\$5,200.00	
10. TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	2,090	\$1.25	\$2,612.50	\$0.30	\$627.00	\$0.10	\$209.00	

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ITEM DESCRIPTION	UNIT	QTY	7) CROSTEX CONSTRUCTION, INC.		8) BLAZEY CONSTRUCTION SERVICES, LLC		9) TRIPLE B SERVICES, LLP	
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>SUBTOTAL WATER ITEMS</b>				<b>\$79,937.25</b>		<b>\$87,297.00</b>		<b>\$110,137.00</b>
<b>SANITARY SEWER SYSTEM ITEMS</b>								
1. 10" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12' - 16' CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	386	\$30.75	\$11,869.50	\$36.00	\$13,896.00	\$70.00	\$27,020.00
2. 10" PVC SEWER PIPE, ASTM D-3034, SDR 26, 16' - 20' CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	95	\$36.25	\$3,443.75	\$45.00	\$4,275.00	\$70.00	\$6,650.00
3. 10" PVC SEWER PIPE, ASTM D-3034, SDR 26, 20' - 24' CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	311	\$51.00	\$15,861.00	\$72.00	\$22,392.00	\$70.00	\$21,770.00
4. 8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 0' - 8' CUT, WITH STANDARD BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	39	\$19.00	\$741.00	\$28.00	\$1,092.00	\$47.00	\$1,833.00
5. 8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 8' - 12' CUT, WITH STANDARD BACKFILL, COMPLETE IN PLACE	LF	1,040	\$22.25	\$23,140.00	\$29.00	\$30,160.00	\$47.00	\$48,880.00
6. 8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12' - 16' CUT, WITH STANDARD BACKFILL, COMPLETE IN PLACE	LF	811	\$28.00	\$22,708.00	\$30.00	\$24,330.00	\$60.00	\$48,660.00
7. 8" PVC SEWER PIPE, ASTM D-3034, SDR 26, 16' - 20' CUT, WITH STANDARD BACKFILL, COMPLETE IN PLACE	LF	194	\$31.50	\$6,111.00	\$41.00	\$7,954.00	\$60.00	\$11,640.00
8. STANDARD SANITARY SEWER MANHOLE (0' - 8' DEPTH), COMPLETE IN PLACE	EA	19	\$2,000.00	\$38,000.00	\$2,068.00	\$39,292.00	\$4,400.00	\$83,600.00
9. EXTRA DEPTH ON SANITARY SEWER MANHOLE, COMPLETE IN PLACE	VF	75	\$200.00	\$15,000.00	\$133.00	\$9,975.00	\$90.00	\$6,750.00
10. 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, MARKER, AND ANY NECESSARY FITTINGS, TRENCH SAFETY, ETC., COMPLETE IN PLACE	EA	25	\$1,940.00	\$48,500.00	\$1,915.00	\$47,875.00	\$4,300.00	\$107,500.00
11. 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, MARKER, AND ANY NECESSARY FITTINGS, TRENCH SAFETY, ETC., COMPLETE IN PLACE	EA	11	\$995.00	\$10,945.00	\$778.00	\$8,558.00	\$1,450.00	\$15,950.00
12. CONNECT PROPOSED SANITARY SEWER (ALL SIZES) TO EXISTING SANITARY SEWER MANHOLE, INCLUDES TEMPORARY PLUGS, PUMPING AS NECESSARY, CORE INTO MANHOLE, GROUTING, REMOVAL, DISPOSAL, AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	EA	4	\$2,500.00	\$10,000.00	\$1,500.00	\$6,000.00	\$1,400.00	\$5,600.00
13. SANITARY SEWER STACK (ALL DEPTHS), COMPLETE IN PLACE	EA	10	\$450.00	\$4,500.00	\$477.00	\$4,770.00	\$940.00	\$9,400.00
14. CONNECT PROPOSED SANITARY SEWER STACK OR SERVICE LEAD TO EXISTING SANITARY SEWER (DOES NOT INCLUDE PIPE, LEAD OR STACK) (ALL SIZES AND DEPTHS), INCLUDES TEMPORARY PLUGS, BYPASS PUMPING AS NECESSARY, ALL NECESSARY ADAPTERS AND CONNECTORS, COMPLETE IN PLACE	EA	3	\$2,500.00	\$7,500.00	\$1,685.00	\$5,055.00	\$5,800.00	\$17,400.00
15. ADDITIONAL COST OF WATER & SANITARY SEWER CROSSINGS, ALL DEPTHS, INCLUDES UPGRADE TO 18" SECTION FOR RESTRAINED JOINT AWWA C-900, DR 18, PIPE FOR BOTH WATER AND SANITARY SEWER LINES WHERE APPLICABLE & RESTRAINED JOINT FITTINGS, COMPLETE IN PLACE	EA	3	\$1,500.00	\$4,500.00	\$2,290.00	\$6,870.00	\$1,000.00	\$3,000.00
16. AUGER FOR 10" SANITARY SEWER LINE, INCLUDES PUMPING DURING CONSTRUCTION, DOES NOT INCLUDE PIPE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	20	\$150.00	\$3,000.00	\$122.00	\$2,440.00	\$245.00	\$4,900.00

**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
 TO SERVE GRAND OAKS SECTION 8 AND OFFSITE STORM SEWER  
 ROLLING CREEK UTILITY DISTRICT  
 CITY OF HOUSTON, HARRIS COUNTY, TEXAS  
 NOVEMBER 21, 2018  
 LJA ENGINEERING, INC.  
 L. MARTINEZ  
 NOVEMBER 21, 2018  
 1037-6008 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	7) CROSTEX CONSTRUCTION, INC.		8) BLAZEY CONSTRUCTION SERVICES, LLC		9) TRIPLE B SERVICES, LLP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
17.	AUGER FOR 8" SANITARY SEWER LINE, INCLUDES PUMPING DURING CONSTRUCTION, DOES NOT INCLUDE PIPE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	65	\$50.00	\$3,250.00	\$70.00	\$4,550.00	\$90.00	\$5,850.00
18.	AUGER FOR 6" SANITARY SEWER LEAD, INCLUDES PUMPING DURING CONSTRUCTION, DOES NOT INCLUDE PIPE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	10	\$300.00	\$3,000.00	\$239.00	\$2,390.00	\$460.00	\$4,600.00
19.	STANDARD SANITARY SEWER DROP CONNECTION (ALL DEPTHS), INCLUDES ALL NECESSARY ADAPTERS AND CONNECTORS, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$600.00	\$600.00	\$850.00	\$850.00
20.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2,800	\$1.25	\$3,500.00	\$0.30	\$840.00	\$0.10	\$280.00
<b>SUBTOTAL SANITARY SEWER SYSTEM ITEMS</b>					<b>\$236,069.25</b>		<b>\$243,314.00</b>		<b>\$432,133.00</b>
<b>STORM SEWER SYSTEM ITEMS</b>									
1.	24" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	1,421	\$53.75	\$76,378.75	\$56.00	\$79,576.00	\$89.00	\$126,469.00
2.	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	11	\$2,500.00	\$27,500.00	\$2,207.00	\$24,277.00	\$4,650.00	\$51,150.00
3.	STAGE I - STANDARD 5' REINFORCED CONCRETE PRECAST INLET ("H-2") ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, COMPLETE IN PLACE	EA	16	\$2,000.00	\$32,000.00	\$1,175.00	\$18,800.00	\$2,500.00	\$40,000.00
4.	STAGE II - STANDARD 5' REINFORCED CONCRETE PRECAST OR REINFORCED CONCRETE CAST-IN-PLACE (4,000 PSI) INLET ("H-2"), COMPLETE IN PLACE	EA	16	\$500.00	\$8,000.00	\$1,340.00	\$21,440.00	\$1,000.00	\$16,000.00
5.	REMOVE AND DISPOSE OF 8 INCH BRICK PLUG ON 24-INCH RCP STORM SEWER AND CONNECT PROPOSED 24" RCP, COMPLETE IN PLACE	EA	3	\$200.00	\$600.00	\$355.00	\$1,065.00	\$770.00	\$2,310.00
6.	OVERFLOW DRAINAGE SWALE, (SEE GRADING PLAN SHEET 7) COMPLETE IN PLACE	LF	1,155	\$3.50	\$4,042.50	\$2.20	\$2,541.00	\$6.00	\$6,930.00
7.	CONNECT PROPOSED 24" RCP STORM SEWER TO EXISTING STORM SEWER MANHOLE, INCLUDES TEMPORARY PLUGS, PUMPING AS NECESSARY, BREAKING INTO MANHOLE, GROUTING, REMOVAL, DISPOSAL, AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	EA	1	\$250.00	\$250.00	\$806.00	\$806.00	\$2,800.00	\$2,800.00
8.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,421	\$1.25	\$1,776.25	\$0.30	\$426.30	\$0.10	\$142.10
<b>SUBTOTAL STORM SEWER SYSTEM ITEMS</b>					<b>\$150,547.50</b>		<b>\$148,931.30</b>		<b>\$245,801.10</b>
<b>OFFSITE STORM SEWER SYSTEM ITEMS</b>									
1.	66" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	1,088	\$290.00	\$315,520.00	\$311.00	\$338,368.00	\$375.00	\$408,000.00
2.	72" RCP STORM SEWER, ASTM C-76, CLASS III, ALL DEPTHS, COMPLETE IN PLACE	LF	122	\$315.00	\$38,430.00	\$320.00	\$39,040.00	\$465.00	\$56,730.00
3.	72" CMP STORM SEWER PIPE AS SHOWN PER PLANS, ALL DEPTHS, INCLUDING EXCAVATION, BEDDING, BACKFILL, COMPLETE IN PLACE	LF	63	\$165.00	\$10,395.00	\$178.00	\$11,214.00	\$300.00	\$18,900.00
4.	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE FOR 48" STORM SEWER, AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	7	\$5,000.00	\$35,000.00	\$5,861.00	\$41,027.00	\$6,600.00	\$46,200.00
5.	TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE WITH TYPE "E" INLET TOP FOR 48" STORM SEWER AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$6,000.00	\$6,000.00	\$6,805.00	\$6,805.00	\$7,200.00	\$7,200.00



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 CITY OF HOUSTON, HARRIS COUNTY, TEXAS  
 NOVEMBER 21, 2018  
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7) CROSTEX CONSTRUCTION, INC.      8) BLAZEY CONSTRUCTION SERVICES, LLC      9) TRIPLE B SERVICES, LLP

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6.	PRECAST OR CAST IN PLACE REINFORCED CONCRETE JUNCTION BOX MANHOLE FOR STORM SEWER, INCLUDING TYPE "C" MANHOLE TOP, ALL DEPTHS AND SIZES, INCLUDING FINAL RIM ADJUSTMENTS, COMPLETE IN PLACE	EA	2	\$10,000.00	\$20,000.00	\$8,457.00	\$16,914.00	\$15,000.00	\$30,000.00
7.	PRECAST OR CAST IN PLACE REINFORCED CONCRETE JUNCTION BOX MANHOLE FOR STORM SEWER, INCLUDING TYPE "C" MANHOLE WITH TYPE "E" INLET TOP FOR ALL DEPTHS AND SIZES, INCLUDING FINAL RIM ADJUSTMENTS, COMPLETE IN PLACE	EA	1	\$12,000.00	\$12,000.00	\$9,500.00	\$9,500.00	\$21,500.00	\$21,500.00
8.	TIMBER BENT, INSTALLED PER HARRIS COUNTY DETAILS, COMPLETE IN PLACE	EA	1	\$5,000.00	\$5,000.00	\$2,560.00	\$2,560.00	\$3,200.00	\$3,200.00
9.	STORM "TRASH TROOPER", INSTALLED PER MANUFACTURERS DETAILS, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$85,495.55	\$85,495.55	\$61,108.00	\$61,108.00	\$40,000.00	\$40,000.00
10.	TEMPORARY COFFER DAM TO BE USED DURING CONSTRUCTION, INCLUDING INSTALLATION, REDRESSING OF SIDE SLOPES, AND REMOVAL UPON COMPLETION, COMPLETE IN PLACE	EA	2	\$7,500.00	\$15,000.00	\$9,285.00	\$18,570.00	\$7,500.00	\$15,000.00
11.	REMOVE AND REPLACE EXISTING 4" SLOPE PAVING AND SIDEWALK, INCLUDES DISPOSAL, SAW CUT, WATERTIGHT SEALING, RE-DRESSING SIDE SLOPE AS NECESSARY, COMPLETE IN PLACE	SY	25	\$200.00	\$5,000.00	\$95.00	\$2,375.00	\$175.00	\$4,375.00
12.	RIP RAP, INSTALLED PER HARRIS COUNTY FLOOD CONTROL DETAILS, COMPLETE IN PLACE	SY	310	\$100.00	\$31,000.00	\$78.00	\$24,180.00	\$96.00	\$29,760.00
13.	2-FOOT CLAY LINER, INCLUDES INSTALLATION. RE-DRESSING SIDE SLOPE AS NECESSARY, COMPLETE IN PLACE	SY	25	\$200.00	\$5,000.00	\$56.00	\$1,400.00	\$60.00	\$1,500.00
14.	REMOVE AND REPLACE EXISTING "E" INLET WITH TYPE "C" PRECAST OR CAST-IN-PLACE MANHOLE WITH TYPE "E" INLET TOP FOR STORM SEWERS, ALL DEPTHS, INCLUDES TEMPORARY PLUGS, PUMPING AS NECESSARY, RE-DRESSING SIDE SLOPE AS NECESSARY, CONNECTION OF 48" STORM SEWER AND LARGER, GROUTING, REMOVAL, DISPOSAL, AND ALL OTHER APPURTENANCES, COMPLETE IN PLACE	EA	1	\$7,500.00	\$7,500.00	\$5,265.00	\$5,265.00	\$7,600.00	\$7,600.00
15.	ROADWAY AND LOT EXCAVATION FOR GRAND OAKS SECTION 8, INCLUDES FINAL GRADING, COMPLETE IN PLACE	CY	61,571	\$1.20	\$73,885.20	\$2.34	\$144,076.14	\$2.25	\$138,534.75
16.	HAUL OFFROAD SPOIL MATERIAL (NO GREATER THAN 0.25 MILES) TO FILL AREA, INCLUDES CUTTING OF SPOIL MATERIALS, PLACEMENT AND COMPACTION, FINAL GRADING, STRIPPING, STOCKPILE STRIPPINGS, DEMUCKING EXISTING DITCHES IN FILL AREA AND REAPPLYING STRIPPINGS TO FILL AREA, AS SHOWN ON SHEET 6A OF THE OFFSITE STORM SEWER CONSTRUCTION PLANS, COMPLETE IN PLACE	CY	61,571	\$3.00	\$184,713.00	\$3.89	\$239,511.19	\$4.25	\$261,676.75
17.	OVERFLOW DRAINAGE SWALE, (AS SHOWN IN CONSTRUCTION PLANS) COMPLETE IN PLACE	LF	5,332	\$3.00	\$15,996.00	\$2.00	\$10,664.00	\$4.00	\$21,328.00
18.	REMOVE AND DISPOSE OF EXISTING STORM SEWER (ALL SIZES), INCLUDES OFFSITE DISPOSAL, COMPLETE IN PLACE	EA	1	\$20,000.00	\$20,000.00	\$3,002.00	\$3,002.00	\$1,200.10	\$1,200.10
19.	BROADCAST SEEDING OF FILL AREAS, INCLUDES REAPPLICATION AS NECESSARY, FERTILIZATION AND WATERING, (AS SHOWN ON SHEET 6 OF THE CONSTRUCTION PLANS), COMPLETE IN PLACE	AC	3.6	\$1,000.00	\$3,600.00	\$1,440.00	\$5,184.00	\$1,020.00	\$3,672.00
20.	AS-BUILT SURVEY OF FILL AREAS, INCLUDES ELECTRONIC DATA PROVIDED TO THE ENGINEER, COMPLETE IN PLACE	LS	1	\$7,500.00	\$7,500.00	\$2,000.00	\$2,000.00	\$5,000.00	\$5,000.00
21.	4' ORANGE SAFETY FENCE, COMPLETE IN PLACE	LF	60	\$5.00	\$300.00	\$5.00	\$300.00	\$3.50	\$210.00
22.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	1,273	\$1.25	\$1,591.25	\$0.30	\$381.90	\$0.10	\$127.30

\* MATHEMATICAL ERROR

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 ROLLING CREEK UTILITY DISTRICT  
 CITY OF HOUSTON, HARRIS COUNTY, TEXAS  
 NOVEMBER 21, 2018  
 LJA ENGINEERING, INC.  
 L. MARTINEZ  
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7) CROSTEX CONSTRUCTION, INC.      8) BLAZEY CONSTRUCTION SERVICES, LLC      9) TRIPLE B SERVICES, LLP

ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>SUBTOTAL OFFSITE STORM SEWER SYSTEM ITEMS</b>					<b>\$898,926.00 *</b>		<b>\$983,445.23</b>	<b>\$1,121,713.90</b>
<b>MISCELLANEOUS ITEMS -- WS&amp;D</b>								
1. EXTRA REINFORCED FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$2.00	\$200.00	\$1.25	\$125.00	\$3.00	\$300.00
2. EXTRA FILTER FABRIC FENCE, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$1.50	\$150.00	\$1.00	\$100.00	\$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	\$20.00	\$20.00	\$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	\$150.00	\$150.00
5. EXTRA HYDRO-MULCH SEEDING, COMPLETE IN PLACE	AC	1	\$1,000.00	\$1,000.00	\$1,850.00	\$1,850.00	\$3,000.00	\$3,000.00
6. EXTRA WATER LINE FITTINGS, COMPLETE IN PLACE	TON	0.1	\$1,000.00	\$100.00	\$10,000.00	\$1,000.00	\$5,000.00	\$500.00
7. EXTRA CEMENT STABILIZED SAND BACKFILL, (1.1 SACKS PER TON), (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	10	\$25.00	\$250.00	\$15.00	\$150.00	\$60.00	\$600.00
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	\$10.00	\$5,000.00	\$15.00	\$7,500.00	\$15.00	\$7,500.00
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	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$25.00	\$2,500.00
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	\$500.00	\$500.00	\$300.00	\$300.00
11. EXTRA DEWATERING FOR UTILITY LINES, ALL LINES SIZES AND DEPTHS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1,600	\$25.00	\$40,000.00	\$22.00	\$35,200.00	\$20.00	\$32,000.00
12. EXTRA BROADCAST SEEDING, INCLUDES FERTILIZATION AND WATERING, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	1	\$750.00	\$750.00	\$795.00	\$795.00	\$800.00	\$800.00
13. ADJUST EXISTING MANHOLE RIM ELEVATION AS REQUIRED (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$150.00	\$150.00	\$150.00	\$150.00	\$550.00	\$550.00
14. EXTRA 12" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$1,800.00	\$1,800.00	\$2,500.00	\$2,500.00
15. EXTRA 6" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$800.00	\$800.00	\$875.00	\$875.00
16. EXTRA 8" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,150.00	\$1,150.00
17. STORM WATER POLLUTION INSPECTION REPORTS CONDUCTED ON A WEEKLY BASIS ACCORDING TO TCEQ PERMIT, COMPLETE IN PLACE	LS	1	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$1,000.00	\$1,000.00
18. REMOVE AND REPLACE SOD IN ANY EXISTING DISTURBED AREAS, TO BE USED AT THE DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	LS	1	\$2,500.00	\$2,500.00	\$1,850.00	\$1,850.00	\$6.00	\$6.00
19. UTILITY SPOILS, INCLUDES ON-SITE HAULING UP TO 0.5 MILES, MUCKING EXISTING DITCHES, STRIPPING, STOCKPILING OF STRIPPINGS, COMPACTION FOR 95% STANDARD PROCTOR DENSITY, AND RE-APPLICATION OF STRIPPINGS, TO BE PLACED AT THE DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	LS	1	\$47,500.00	\$47,500.00	\$24,690.00	\$24,690.00	\$45,000.00	\$45,000.00

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 ROLLING CREEK UTILITY DISTRICT  
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ITEM DESCRIPTION	UNIT	QTY	7) CROSTEX CONSTRUCTION, INC.		8) BLAZEY CONSTRUCTION SERVICES, LLC		9) TRIPLE B SERVICES, LLP	
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
20. REMOVE, DISPOSE AND REPLACE EXISTING WHEELCHAIR RAMP FOR CONSTRUCTION OF MANHOLES AND SEWER PIPES, INCLUDES ALL APPURTENANCES, COMPLETE IN PLACE	EA	2	\$2,000.00	\$4,000.00	\$2,000.00	\$4,000.00	\$2,300.00	\$4,600.00
<b>SUBTOTAL MISCELLANEOUS ITEMS – WS&amp;D</b>				<b>\$107,520.00</b>		<b>\$84,070.00</b>		<b>\$103,731.00</b>
<b>BID SUMMARY</b>								
SUBTOTAL CLEARING AND GRUBBING ITEMS				\$200,000.00		\$201,925.00		\$198,784.00
SUBTOTAL WATER ITEMS				\$79,937.25		\$87,297.00		\$110,137.00
SUBTOTAL SANITARY SEWER SYSTEM ITEMS				\$236,069.25		\$243,314.00		\$432,133.00
SUBTOTAL STORM SEWER SYSTEM ITEMS				\$150,547.50		\$148,931.30		\$245,801.10
SUBTOTAL OFFSITE STORM SEWER SYSTEM ITEMS				\$898,926.00		\$983,445.23		\$1,121,713.90
SUBTOTAL MISCELLANEOUS ITEMS – WS&D				\$107,520.00		\$84,070.00		\$103,731.00
<b>TOTAL AMOUNT BID</b>				<b>\$1,673,000.00</b>		<b>\$1,748,982.53</b>		<b>\$2,212,300.00</b>