

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 KATY MANOR SOUTH SECTION 1
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
FEBRUARY 8, 2019
LJA ENGINEERING, INC.
L. MARTINEZ
FEBRUARY 8, 2019
1750-3211D (9.2)

BIDDER'S NAME	TOTAL BID AMOUNT
1) GONALEZ CONSTRUCTION ENTERPRISES, INC.	\$1,203,131.11
2) SENDERO INDUSTRIES, LLC	\$1,209,599.42
3) HURTADO CONSTRUCTION COMPANY	\$1,227,472.16 *
4) CROSTEX CONSTRUCTION, INC.	\$1,289,000.00
5) BLAZEY CONSTRUCTION SERVICES, LLC	\$1,332,014.35 *
6) FELLARS & CLARK, LP	\$1,336,000.00
7) PRINCIPAL SERVICES, LTD.	\$1,379,862.95
8) TEXASITE, LLC	\$1,488,971.85

CALENDAR DAYS - 45/60



2/19/2019

I, Micheal Wang, P.E., hereby certify these bid tabulations to be true and correct.

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ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER ITEMS									
1.	12" PVC WATER PIPE, C-900, DR 18, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, AND FITTINGS, COMPLETE IN PLACE	LF	1,193	\$32.30	\$38,533.90	\$27.00	\$32,211.00	\$28.88	\$34,453.84
2.	8" PVC WATER PIPE, C-900, DR 18, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, AND FITTINGS, COMPLETE IN PLACE	LF	571	\$21.94	\$12,527.74	\$20.00	\$11,420.00	\$24.88	\$14,206.48
3.	6" PVC WATER PIPE, C-900, DR 18, ALL DEPTHS, INCLUDING BEDDING AND BACKFILL, AND FITTINGS, COMPLETE IN PLACE	LF	965	\$14.76	\$14,243.40	\$16.00	\$15,440.00	\$16.88	\$16,289.20
4.	4" PVC WATER PIPE, C-900, DR 18, ALL DEPTHS, INCLUDING BEDDING AND BACKFILL, AND FITTINGS, COMPLETE IN PLACE	LF	461	\$14.22	\$6,555.42	\$12.00	\$5,532.00	\$17.88	\$8,242.68
5.	12" PVC WATER PIPE, C-900, DR 18, CL 235 RESTRAINED JOINT WATER LINE, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, NECESSARY FITTINGS AND OFFSETS, COMPLETE IN PLACE	LF	415	\$55.52	\$23,040.80	\$40.00	\$16,600.00	\$44.88	\$18,625.20
6.	8" PVC WATER PIPE, C-900, DR 18, CL 235 RESTRAINED JOINT WATER LINE, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, NECESSARY FITTINGS AND OFFSETS, COMPLETE IN PLACE	LF	232	\$35.90	\$8,328.80	\$75.00	\$17,400.00	\$26.88	\$6,236.16
7.	6" PVC WATER PIPE, C-900, DR 18, CL 235 RESTRAINED JOINT WATER LINE, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, NECESSARY FITTINGS AND OFFSETS, COMPLETE IN PLACE	LF	43	\$31.54	\$1,356.22	\$14.00	\$602.00	\$21.98	\$945.14
8.	4" PVC WATER PIPE, C-900, DR 18, CL 235 RESTRAINED JOINT WATER LINE, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, NECESSARY FITTINGS AND OFFSETS, COMPLETE IN PLACE	LF	64	\$20.09	\$1,285.76	\$11.00	\$704.00	\$15.98	\$1,022.72
9.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3,884	\$0.10	\$388.40	\$0.01	\$38.84	\$0.18	\$699.12
10.	12" AWWA GATE VALVE AND BOX AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	7	\$1,873.76	\$13,116.32	\$2,120.00	\$14,840.00	\$1,628.00	\$11,396.00
11.	8" AWWA GATE VALVE AND BOX AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	6	\$1,029.28	\$6,175.68	\$1,100.00	\$6,600.00	\$888.00	\$5,328.00
12.	6" AWWA GATE VALVE AND BOX AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	3	\$686.60	\$2,059.80	\$695.00	\$2,085.00	\$558.00	\$1,674.00
13.	4" AWWA GATE VALVE AND BOX AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	1	\$598.30	\$598.30	\$550.00	\$550.00	\$448.00	\$448.00
14.	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE AND BOX, 6" LEAD AND FIRE HYDRANT, TRENCH SAFETY, COMPLETE IN PLACE	EA	10	\$3,117.67	\$31,176.70	\$3,460.00	\$34,600.00	\$3,248.00	\$32,480.00
15.	12" PLUG AND CLAMP, COMPLETE IN PLACE	EA	1	\$213.92	\$213.92	\$310.00	\$310.00	\$248.00	\$248.00
16.	8" PLUG AND CLAMP, COMPLETE IN PLACE	EA	2	\$196.00	\$392.00	\$215.00	\$430.00	\$328.00	\$656.00
17.	4" PLUG AND CLAMP, COMPLETE IN PLACE	EA	6	\$135.52	\$813.12	\$160.00	\$960.00	\$128.00	\$768.00
18.	2" BLOW-OFF VALVE & BOX, COMPLETE IN PLACE	EA	9	\$429.02	\$3,861.18	\$845.00	\$7,605.00	\$408.00	\$3,672.00
19.	NEAR SIDE, DOUBLE OR SINGLE SERVICE, 1" (CTS POLYETHYLENE, SDR-9), WATER SERVICE INCLUDES TRENCH SAFETY, METER BOX, CURB STOP, AND ALL NECESSARY CONNECTORS AND TAPS, COMPLETE IN PLACE	EA	27	\$498.78	\$13,467.06	\$350.00	\$9,450.00	\$418.00	\$11,286.00
20.	FAR SIDE, DOUBLE OR SINGLE SERVICE, 1" (CTS POLYETHYLENE, SDR-9), WATER SERVICE INCLUDES METER BOX, CURB STOP, TRENCH SAFETY AND ALL NECESSARY CONNECTORS AND TAPS, COMPLETE IN PLACE	EA	25	\$781.33	\$19,533.25	\$600.00	\$15,000.00	\$828.00	\$20,700.00

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 TO SERVE KATY MANOR SOUTH SECTION 1
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 FEBRUARY 8, 2019
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 L. MARTINEZ
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 1750-3211D (9.2)

1) GONALEZ CONSTRUCTION ENTERPRISES, INC. 2) SENDERO INDUSTRIES, LLC 3) HURTADO CONSTRUCTION COMPANY

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
21.	AUGER FOR 12" WATER LINE (DOES NOT INCLUDE PIPE), INCLUDING BORE PITS, BACKFILL AND ALL APPURTENANCES, COMPLETE IN PLACE	LF	60	\$62.72	\$3,763.20	\$30.00	\$1,800.00	\$58.00	\$3,480.00
SUBTOTAL WATER ITEMS					\$201,430.97		\$194,177.84		\$192,856.54
SANITARY SEWER ITEMS									
1.	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 0'-8' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	562	\$27.96	\$15,713.52	\$20.00	\$11,240.00	\$30.88	\$17,354.56
2.	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,270	\$28.52	\$36,220.40	\$21.00	\$26,670.00	\$33.88	\$43,027.60
3.	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	274	\$29.08	\$7,967.92	\$50.00	\$13,700.00	\$34.88	\$9,557.12
4.	12" PVC SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	205	\$35.26	\$7,228.30	\$30.00	\$6,150.00	\$37.88	\$7,765.40
5.	12" PVC SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,614	\$36.38	\$58,717.32	\$38.00	\$61,332.00	\$39.88	\$64,366.32
6.	12" PVC SEWER PIPE, C-900, DR 18, 16'-20' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,091	\$50.04	\$54,593.64	\$54.00	\$58,914.00	\$70.88	\$77,330.08
7.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4,800	\$0.50	\$2,400.00	\$0.01	\$48.00	\$1.88	\$9,024.00
8.	STANDARD SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (8' DEPTH), COMPLETE IN PLACE	EA	35	\$2,591.68	\$90,708.80	\$2,115.00	\$74,025.00	\$2,188.00	\$76,580.00
9.	EXTRA DEPTH OF STANDARD SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	161	\$120.96	\$19,474.56	\$125.00	\$20,125.00	\$88.00	\$14,168.00
10.	STANDARD SANITARY SEWER DROP, ALL SIZES, COMPLETE IN PLACE	EA	4	\$492.80	\$1,971.20	\$350.00	\$1,400.00	\$488.00	\$1,952.00
11.	EXTRA DEPTH FOR SANITARY SEWER DROP (OVER 2'), COMPLETE IN PLACE	VF	11	\$13.78	\$151.58	\$5.00	\$55.00	\$1.88	\$20.68
12.	LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, RISER, WYE, PLUG, MARKER, DROP STRUCTURES, STACKS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	18	\$2,068.76	\$37,237.68	\$1,600.00	\$28,800.00	\$2,838.00	\$51,084.00
13.	LONG SIDE DOUBLE OR SINGLE 8" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, RISER, WYE, PLUG, MARKER, DROP STRUCTURES, STACKS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	1	\$3,941.74	\$3,941.74	\$1,800.00	\$1,800.00	\$4,888.00	\$4,888.00
14.	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, RISER, WYE, PLUG, MARKER, DROP STRUCTURES, STACKS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	24	\$459.20	\$11,020.80	\$1,075.00	\$25,800.00	\$658.00	\$15,792.00
15.	REMOVE AND DISPOSE OF EXISTING SANITARY SEWER PLUG, COMPLETE IN PLACE	EA	1	\$50.00	\$50.00	\$450.00	\$450.00	\$8.88	\$8.88
16.	12" SANITARY SEWER PLUG, COMPLETE IN PLACE	EA	1	\$73.92	\$73.92	\$160.00	\$160.00	\$68.00	\$68.00
17.	8" SANITARY SEWER PLUG, COMPLETE IN PLACE	EA	1	\$48.16	\$48.16	\$85.00	\$85.00	\$43.88	\$43.88
18.	AUGER FOR 12" SANITARY SEWER (DOES NOT INCLUDE PIPE), INCLUDING BORE PITS, BACKFILL AND ALL APPURTENANCES, COMPLETE IN PLACE	LF	212	\$64.96	\$13,771.52	\$35.00	\$7,420.00	\$138.00	\$29,256.00

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ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
19.	CONTRACTOR SHALL TV & CLEAN PROPOSED SANITARY SEWER, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	5,012	\$2.80	\$14,033.60	\$3.00	\$15,036.00	\$0.08	\$400.96
20.	ADDITIONAL COST OF SANITARY SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1,000	\$15.00	\$15,000.00	\$15.00	\$15,000.00	\$15.00	\$15,000.00
21.	DEWATERING (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1,000	\$22.00	\$22,000.00	\$22.00	\$22,000.00	\$22.00	\$22,000.00
22.	EXTRA CEMENT STABILIZED SAND (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00
SUBTOTAL SANITARY SEWER ITEMS					\$414,324.66		\$392,210.00		\$461,687.48
DRAINAGE FACILITIES ITEMS									
1.	24" STORM SEWER LEADS, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	541	\$58.70	\$31,756.70	\$69.00	\$37,329.00	\$64.88	\$35,100.08
2.	24" STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,700	\$58.61	\$99,637.00	\$64.00	\$108,800.00	\$63.88	\$108,596.00
3.	30" STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	288	\$73.77	\$21,245.76	\$84.00	\$24,192.00	\$78.78	\$22,688.64
4.	36" STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	251	\$101.72	\$25,531.72	\$116.00	\$29,116.00	\$99.98	\$25,094.98
5.	42" STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	65	\$138.78	\$9,020.70	\$162.00	\$10,530.00	\$132.88	\$8,637.20
6.	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	24	\$2,148.16	\$51,555.84	\$1,883.00	\$45,192.00	\$1,508.00	\$36,192.00
7.	TYPE "C" MANHOLE FOR 48" TO 72" STORM SEWER OR AS SHOWN IN PLANS, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$2,894.08	\$8,682.24	\$3,057.00	\$9,171.00	\$1,688.00	\$5,064.00
8.	STAGE I - STANDARD (TYPE "H-2") INLET, TO INCLUDE INLET PROTECTION BARRIERS, COMPLETE IN PLACE	EA	22	\$1,006.88	\$22,151.36	\$1,975.00	\$43,450.00	\$838.00	\$18,436.00
9.	STAGE II - STANDARD (TYPE "H-2") INLET, COMPLETE IN PLACE	EA	22	\$943.04	\$20,746.88	\$722.00	\$15,884.00	\$1,288.00	\$28,336.00
10.	STAGE I-TYPE "C-1" INLET, TO INCLUDE INLET PROTECTION BARRIERS, COMPLETE IN PLACE	EA	1	\$1,104.32	\$1,104.32	\$2,245.00	\$2,245.00	\$1,488.00	\$1,488.00
11.	STAGE II TYPE "C-1" INLET, COMPLETE IN PLACE	EA	1	\$1,555.68	\$1,555.68	\$725.00	\$725.00	\$2,188.00	\$2,188.00
12.	REMOVE EXISTING 8" BRICK PLUG AND CONNECT STORM SEWER INTO EXISTING STORM SEWER SYSTEM, ALL SIZES, COMPLETE IN PLACE	EA	3	\$168.00	\$504.00	\$225.00	\$675.00	\$0.08	\$0.24
13.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2,845	\$0.10	\$284.50	\$0.01	\$28.45	\$0.28	\$796.60
14.	CONTRACTOR SHALL CONSTRUCT A TEMPORARY COFFER DAM, OR STORM PLUG, FOR PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	EA	2	\$2,184.00	\$4,368.00	\$4,500.00	\$9,000.00	\$88.00	\$176.00
15.	TYPE "E" INLET, INCLUDES INLET PROTECTION BARRIER, ALL SIDES OPEN, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,999.20	\$1,999.20	\$3,355.00	\$3,355.00	\$1,888.00	\$1,888.00
16.	REMOVE TYPE "E" INLET TOP FROM EXISTING MANHOLE BOTTOM AND REPLACE WITH TYPE "C" MANHOLE TOP, COMPLETE IN PLACE	EA	1	\$1,467.20	\$1,467.20	\$950.00	\$950.00	\$1,888.00	\$1,888.00

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17.	CLEAN OUT EXISTING OUTFALL PIPES, COMPLETE IN PLACE	EA	2	\$1,120.00	\$2,240.00	\$350.00	\$700.00	\$8.00	\$16.00
18.	CONTRACTOR SHALL TV & CLEAN PROPOSED STORM SEWER, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	2,845	\$4.04	\$11,493.80	\$4.00	\$11,380.00	\$0.08	\$227.60
19.	ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1,000	\$15.00	\$15,000.00	\$15.00	\$15,000.00	\$15.00	\$15,000.00
20.	DEWATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1,000	\$22.00	\$22,000.00	\$22.00	\$22,000.00	\$22.00	\$22,000.00
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$352,344.90		\$389,722.45		\$333,813.34
MISCELLANEOUS ITEMS									
1.	REINFORCED FILTER FABRIC FENCE (SILT BARRIER FENCING), COMPLETE IN PLACE	LF	6,957	\$1.00	\$6,957.00	\$1.50	\$10,435.50	\$1.00	\$6,957.00
2.	CONSTRUCT AND MAINTAIN STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	EA	1	\$1,176.00	\$1,176.00	\$2,350.00	\$2,350.00	\$888.00	\$888.00
3.	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING INSPECTIONS, MAINTENANCE OF FILTER FABRIC AND STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	LS	1	\$1,120.00	\$1,120.00	\$1,500.00	\$1,500.00	\$888.00	\$888.00
4.	CONCRETE TRUCK WASHOUT, INCLUDING INSTALLATION AND MAINTENANCE, COMPLETE IN PLACE	EA	1	\$56.00	\$56.00	\$700.00	\$700.00	\$88.00	\$88.00
5.	TEMPORARY TRAFFIC CONTROL PLAN, COMPLETE IN PLACE	LS	1	\$1,680.00	\$1,680.00	\$4,030.00	\$4,030.00	\$888.00	\$888.00
6.	ADDITIONAL COST FOR UNSATISFACTORY SOIL CONDITIONS FOR MANHOLES, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	62	\$12.00	\$744.00	\$12.00	\$744.00	\$12.00	\$744.00
7.	STAGE II INLET PROTECTION BARRIERS, (SAND BAGS FOR PROPOSED AND EXISTING INLETS), (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	26	\$28.00	\$728.00	\$69.00	\$1,794.00	\$0.88	\$22.88
8.	BROADCASTING SEEDING FOR R.O.W., INCLUDES FERTILIZING AND WATERING (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	3	\$728.00	\$2,184.00	\$750.00	\$2,250.00	\$8.00	\$24.00
SUBTOTAL MISCELLANEOUS ITEMS					\$14,645.00		\$23,803.50		\$10,499.88
OFFSITE WATER LINE BID ITEMS									
1.	12" PVC WATER LINE, C-900, DR 18, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, TO INCLUDE FITTINGS, COMPLETE IN PLACE	LF	1,045	\$32.57	\$34,035.65	\$26.00	\$27,170.00	\$30.88	\$32,269.60
2.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	964	\$1.00	\$964.00	\$0.01	\$9.64	\$0.28	\$269.92
3.	12" AWWA GATE VALVE AND BOX AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	3	\$1,731.37	\$5,194.11	\$2,010.00	\$6,030.00	\$1,540.88	\$4,622.64
4.	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE AND BOX, 6" LEAD AND FIRE HYDRANT, TRENCH SAFETY, COMPLETE IN PLACE	EA	2	\$3,075.52	\$6,151.04	\$3,765.00	\$7,530.00	\$3,248.00	\$6,496.00
5.	12" PLUG AND CLAMP, COMPLETE IN PLACE	EA	1	\$185.92	\$185.92	\$395.00	\$395.00	\$128.00	\$128.00
6.	2" BLOW-OFF VALVE & BOX, COMPLETE IN PLACE	EA	1	\$492.80	\$492.80	\$845.00	\$845.00	\$558.00	\$558.00
7.	AUGER FOR 12" WATER LINE (DOES NOT INCLUDE PIPE), INCLUDING BORE PITS, BACKFILL AND ALL APPRTENANCES, COMPLETE IN PLACE	LF	81	\$34.72	\$2,812.32	\$30.00	\$2,430.00	\$58.88	\$4,769.28

* MATHEMATICAL ERROR

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE KATY MANOR SOUTH SECTION 1
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 FEBRUARY 8, 2019
 LJA ENGINEERING, INC.
 L. MARTINEZ
 FEBRUARY 8, 2019
 1750-3211D (9.2)

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

1) GONALEZ CONSTRUCTION ENTERPRISES, INC. 2) SENDERO INDUSTRIES, LLC 3) HURTADO CONSTRUCTION COMPANY

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
8.	REMOVE EXISTING 12" PLUG AND CLAMP WITH 2" BLOW-OFF VALVE, CONNECT PROPOSED 12" WATER LINE TO EXISTING 12" WATER LINE, WET CONNECTION, COMPLETE IN PLACE	EA	2	\$141.12	\$282.24	\$560.00	\$1,120.00	\$288.00	\$576.00
9.	REGRADE AND RESEED EXISTING ROADSIDE DITCH, COMPLETE IN PLACE	LF	320	\$8.06	\$2,579.20	\$2.00	\$640.00	\$1.88	\$601.60
10.	REINFORCED FILTER FABRIC FENCE (SILT BARRIER FENCING), COMPLETE IN PLACE	LF	1,000	\$1.00	\$1,000.00	\$1.50	\$1,500.00	\$1.00	\$1,000.00
11.	TEMPORARY TRAFFIC CONTROL PLAN, COMPLETE IN PLACE	LS	1	\$2,000.00	\$2,000.00	\$4,030.00	\$4,030.00	\$888.00	\$888.00
SUBTOTAL OFFSITE WATER LINE BID ITEMS					\$55,697.28		\$51,699.64		\$52,179.04
FORCE MAIN BID ITEMS									
1.	8" PVC FORCE MAIN, C-900, DR 18, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, TO INCLUDE FITTINGS, COMPLETE IN PLACE	LF	3,086	\$20.89	\$64,466.54	\$21.00	\$64,806.00	\$17.08	\$52,708.88
2.	8" PVC RESTRAINED JOINT FORCE MAIN, C-900, DR 14, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, NECESSARY FITTINGS AND OFFSETS, COMPLETE IN PLACE	LF	609	\$45.30	\$27,587.70	\$40.00	\$24,360.00	\$36.88	\$22,459.92
3.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3,499	\$0.10	\$349.90	\$0.01	\$34.99	\$0.28	\$979.72
4.	14" STEEL CASING FOR 8" PVC FORCE MAIN (DOES NOT INCLUDE CARRIER PIPE), TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	212	\$69.44	\$14,721.28	\$59.00	\$12,508.00	\$60.88	\$12,906.56
5.	AUGER FOR 8" FORCE MAIN (DOES NOT INCLUDE PIPE), INCLUDING BORE PITS, BACKFILL AND ALL APPURTENANCES, COMPLETE IN PLACE	LF	114	\$32.48	\$3,702.72	\$25.00	\$2,850.00	\$88.98	\$10,143.72
6.	AUGER FOR 14" STEEL CASING (DOES NOT INCLUDE PIPE), INCLUDING BORE PITS, BACKFILL AND ALL APPURTENANCES, COMPLETE IN PLACE	LF	82	\$39.20	\$3,214.40	\$35.00	\$2,870.00	\$242.88	\$19,916.16
7.	FORCE MAIN AIR RELEASE VALVE WITH ISOLATION VALVE AND BOX AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	1	\$12,421.92	\$12,421.92	\$9,820.00	\$9,820.00	\$13,188.00	\$13,188.00
8.	AIR RELEASE VALVE MANHOLE FOR 8" FORCE MAIN, ALL DEPTHS, INCLUDES INFLOW PROTECTORS, COMPLETE IN PLACE	EA	2	\$7,820.74	\$15,641.48	\$5,970.00	\$11,940.00	\$8,888.00	\$17,776.00
9.	REMOVE AND DISPOSE OF EXISTING SANITARY SEWER / FORCE MAIN PLUG, COMPLETE IN PLACE	EA	1	\$50.00	\$50.00	\$37.00	\$37.00	\$588.00	\$588.00
10.	REINFORCED FILTER FABRIC FENCE (SILT BARRIER FENCING), COMPLETE IN PLACE	LF	610	\$1.00	\$610.00	\$1.50	\$915.00	\$1.00	\$610.00
11.	CONSTRUCT, MAINTAIN AND REMOVE STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	EA	1	\$1,232.00	\$1,232.00	\$2,350.00	\$2,350.00	\$888.00	\$888.00
12.	CONCRETE TRUCK WASHOUT, INCLUDING INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	2	\$50.00	\$100.00	\$700.00	\$1,400.00	\$8.00	\$16.00
13.	CORE INTO EXISTING SANITARY SEWER MANHOLE, CONNECT 10" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$1,327.20	\$1,327.20	\$1,100.00	\$1,100.00	\$688.00	\$688.00
14.	10" PVCE SEWER PIPE, ASTM D-2241, SDR 26, 0' - 8' CUT, TO INCLUDE BEDDIGN AND BACKFILL, COMPLETE IN PLACE	LF	28	\$31.53	\$882.84	\$25.00	\$700.00	\$22.88	\$640.64
15.	SANITARY SEWER CORROSION RESISTANT MANHOLE FOR FORCE MAIN, (ALL DEPTHS), COMPLETE IN PLACE	EA	1	\$10,584.00	\$10,584.00	\$7,050.00	\$7,050.00	\$11,888.00	\$11,888.00
16.	8" SANITARY SEWER PLUG, INCLUDES 3" PVC MARKER TO 1 FT ABOVE NATURAL GROUND, COMPLETE IN PLACE	EA	1	\$376.32	\$376.32	\$400.00	\$400.00	\$233.88	\$233.88

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE KATY MANOR SOUTH SECTION 1
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 FEBRUARY 8, 2019
 LJA ENGINEERING, INC.
 L. MARTINEZ
 FEBRUARY 8, 2019
 1750-3211D (9.2)

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LJA JOB NO.

1) GONALEZ CONSTRUCTION ENTERPRISES, INC. 2) SENDERO INDUSTRIES, LLC 3) HURTADO CONSTRUCTION COMPANY

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
17.	INLET PROTECTION BARRIERS, (SAND BAGS FOR PROPOSED AND EXISTING INLETS), (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	5	\$28.00	\$140.00	\$69.00	\$345.00	\$0.88	\$4.40
18.	REMOVE AND REPLACE EXISTING SIDEWALK, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	SY	100	\$72.80	\$7,280.00	\$145.00	\$14,500.00	\$108.00	\$10,800.00
SUBTOTAL FORCE MAIN BID ITEMS					\$164,688.30		\$157,985.99		\$176,435.88 *
BID SUMMARY									
SUBTOTAL WATER ITEMS					\$201,430.97		\$194,177.84		\$192,856.54
SUBTOTAL SANITARY SEWER ITEMS					\$414,324.66		\$392,210.00		\$461,687.48 *
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$352,344.90		\$389,722.45		\$333,813.34
SUBTOTAL MISCELLANEOUS ITEMS					\$14,645.00		\$23,803.50		\$10,499.88
SUBTOTAL OFFSITE WATER LINE BID ITEMS					\$55,697.28		\$51,699.64		\$52,179.04
SUBTOTAL FORCE MAIN BID ITEMS					\$164,688.30		\$157,985.99		\$176,435.88 *
TOTAL AMOUNT BID					\$1,203,131.11		\$1,209,599.42		\$1,227,472.16 *

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 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
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BID OPENING DATE:
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TABULATION DATE:
LJA JOB NO.

4) CROSTEX CONSTRUCTION, INC.

5) BLAZEY CONSTRUCTION SERVICES, LLC

6) FELLARS & CLARK, LP

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER ITEMS									
1.	12" PVC WATER PIPE, C-900, DR 18, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, AND FITTINGS, COMPLETE IN PLACE	LF	1,193	\$31.10	\$37,102.30	\$34.00	\$40,562.00	\$30.65	\$36,565.45
2.	8" PVC WATER PIPE, C-900, DR 18, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, AND FITTINGS, COMPLETE IN PLACE	LF	571	\$18.50	\$10,563.50	\$23.00	\$13,133.00	\$20.85	\$11,905.35
3.	6" PVC WATER PIPE, C-900, DR 18, ALL DEPTHS, INCLUDING BEDDING AND BACKFILL, AND FITTINGS, COMPLETE IN PLACE	LF	965	\$15.00	\$14,475.00	\$19.00	\$18,335.00	\$17.80	\$17,177.00
4.	4" PVC WATER PIPE, C-900, DR 18, ALL DEPTHS, INCLUDING BEDDING AND BACKFILL, AND FITTINGS, COMPLETE IN PLACE	LF	461	\$12.45	\$5,739.45	\$16.00	\$7,376.00	\$15.85	\$7,306.85
5.	12" PVC WATER PIPE, C-900, DR 18, CL 235 RESTRAINED JOINT WATER LINE, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, NECESSARY FITTINGS AND OFFSETS, COMPLETE IN PLACE	LF	415	\$44.50	\$18,467.50	\$55.00	\$22,825.00	\$54.65	\$22,679.75
6.	8" PVC WATER PIPE, C-900, DR 18, CL 235 RESTRAINED JOINT WATER LINE, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, NECESSARY FITTINGS AND OFFSETS, COMPLETE IN PLACE	LF	232	\$20.70	\$4,802.40	\$33.00	\$7,656.00	\$32.00	\$7,424.00
7.	6" PVC WATER PIPE, C-900, DR 18, CL 235 RESTRAINED JOINT WATER LINE, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, NECESSARY FITTINGS AND OFFSETS, COMPLETE IN PLACE	LF	43	\$16.00	\$688.00	\$25.00	\$1,075.00	\$40.40	\$1,737.20
8.	4" PVC WATER PIPE, C-900, DR 18, CL 235 RESTRAINED JOINT WATER LINE, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, NECESSARY FITTINGS AND OFFSETS, COMPLETE IN PLACE	LF	64	\$13.35	\$854.40	\$18.00	\$1,152.00	\$21.10	\$1,350.40
9.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3,884	\$1.10	\$4,272.40	\$0.30	\$1,165.20	\$0.10	\$388.40
10.	12" AWWA GATE VALVE AND BOX AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	7	\$2,100.00	\$14,700.00	\$1,838.00	\$12,866.00	\$2,155.00	\$15,085.00
11.	8" AWWA GATE VALVE AND BOX AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	6	\$1,010.00	\$6,060.00	\$1,032.00	\$6,192.00	\$1,180.00	\$7,080.00
12.	6" AWWA GATE VALVE AND BOX AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	3	\$650.00	\$1,950.00	\$665.00	\$1,995.00	\$845.00	\$2,535.00
13.	4" AWWA GATE VALVE AND BOX AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	1	\$505.00	\$505.00	\$582.00	\$582.00	\$665.00	\$665.00
14.	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE AND BOX, 6" LEAD AND FIRE HYDRANT, TRENCH SAFETY, COMPLETE IN PLACE	EA	10	\$3,425.00	\$34,250.00	\$3,321.00	\$33,210.00	\$3,975.00	\$39,750.00
15.	12" PLUG AND CLAMP, COMPLETE IN PLACE	EA	1	\$230.00	\$230.00	\$251.00	\$251.00	\$130.00	\$130.00
16.	8" PLUG AND CLAMP, COMPLETE IN PLACE	EA	2	\$135.00	\$270.00	\$228.00	\$456.00	\$85.00	\$170.00
17.	4" PLUG AND CLAMP, COMPLETE IN PLACE	EA	6	\$80.00	\$480.00	\$170.00	\$1,020.00	\$50.00	\$300.00
18.	2" BLOW-OFF VALVE & BOX, COMPLETE IN PLACE	EA	9	\$615.00	\$5,535.00	\$813.00	\$7,317.00	\$455.00	\$4,095.00
19.	NEAR SIDE, DOUBLE OR SINGLE SERVICE, 1" (CTS POLYETHYLENE, SDR-9), WATER SERVICE INCLUDES TRENCH SAFETY, METER BOX, CURB STOP, AND ALL NECESSARY CONNECTORS AND TAPS, COMPLETE IN PLACE	EA	27	\$470.00	\$12,690.00	\$742.00	\$20,034.00	\$800.00	\$21,600.00
20.	FAR SIDE, DOUBLE OR SINGLE SERVICE, 1" (CTS POLYETHYLENE, SDR-9), WATER SERVICE INCLUDES METER BOX, CURB STOP, TRENCH SAFETY AND ALL NECESSARY CONNECTORS AND TAPS, COMPLETE IN PLACE	EA	25	\$1,025.00	\$25,625.00	\$907.00	\$22,675.00	\$1,505.00	\$37,625.00

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 TO SERVE KATY MANOR SOUTH SECTION 1
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 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 FEBRUARY 8, 2019
 LJA ENGINEERING, INC.
 L. MARTINEZ
 FEBRUARY 8, 2019
 1750-3211D (9.2)

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LJA JOB NO.

4) CROSTEX CONSTRUCTION, INC.

5) BLAZEY CONSTRUCTION SERVICES, LLC

6) FELLARS & CLARK, LP

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
21.	AUGER FOR 12" WATER LINE (DOES NOT INCLUDE PIPE), INCLUDING BORE PITS, BACKFILL AND ALL APPURTENANCES, COMPLETE IN PLACE	LF	60	\$75.00	\$4,500.00	\$65.00	\$3,900.00	\$55.05	\$3,303.00
SUBTOTAL WATER ITEMS					\$203,759.95		\$223,777.20		\$238,872.40
SANITARY SEWER ITEMS									
1.	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 0'-8' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	562	\$20.25	\$11,380.50	\$36.00	\$20,232.00	\$42.65	\$23,969.30
2.	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,270	\$22.75	\$28,892.50	\$37.00	\$46,990.00	\$42.65	\$54,165.50
3.	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	274	\$26.25	\$7,192.50	\$38.00	\$10,412.00	\$42.65	\$11,686.10
4.	12" PVC SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	205	\$32.70	\$6,703.50	\$44.00	\$9,020.00	\$51.80	\$10,619.00
5.	12" PVC SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,614	\$37.60	\$60,686.40	\$45.00	\$72,630.00	\$51.80	\$83,605.20
6.	12" PVC SEWER PIPE, C-900, DR 18, 16'-20' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,091	\$55.50	\$60,550.50	\$72.00	\$78,552.00	\$76.05	\$82,970.55
7.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4,800	\$5.50	\$26,400.00	\$0.30	\$1,440.00	\$0.10	\$480.00
8.	STANDARD SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (8' DEPTH), COMPLETE IN PLACE	EA	35	\$2,150.00	\$75,250.00	\$2,500.00	\$87,500.00	\$1,765.00	\$61,775.00
9.	EXTRA DEPTH OF STANDARD SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	161	\$215.00	\$34,615.00	\$85.00	\$13,685.00	\$119.65	\$19,263.65
10.	STANDARD SANITARY SEWER DROP, ALL SIZES, COMPLETE IN PLACE	EA	4	\$450.00	\$1,800.00	\$369.00	\$1,476.00	\$570.00	\$2,280.00
11.	EXTRA DEPTH FOR SANITARY SEWER DROP (OVER 2'), COMPLETE IN PLACE	VF	11	\$45.00	\$495.00	\$15.00	\$165.00	\$25.00	\$275.00
12.	LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, RISER, WYE, PLUG, MARKER, DROP STRUCTURES, STACKS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	18	\$2,035.00	\$36,630.00	\$1,287.00	\$23,166.00	\$2,715.00	\$48,870.00
13.	LONG SIDE DOUBLE OR SINGLE 8" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, RISER, WYE, PLUG, MARKER, DROP STRUCTURES, STACKS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	1	\$2,190.00	\$2,190.00	\$2,049.00	\$2,049.00	\$4,640.00	\$4,640.00
14.	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, RISER, WYE, PLUG, MARKER, DROP STRUCTURES, STACKS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	24	\$1,155.00	\$27,720.00	\$535.00	\$12,840.00	\$1,055.00	\$25,320.00
15.	REMOVE AND DISPOSE OF EXISTING SANITARY SEWER PLUG, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$1,083.00	\$1,083.00	\$400.00	\$400.00
16.	12" SANITARY SEWER PLUG, COMPLETE IN PLACE	EA	1	\$165.00	\$165.00	\$156.00	\$156.00	\$115.00	\$115.00
17.	8" SANITARY SEWER PLUG, COMPLETE IN PLACE	EA	1	\$86.00	\$86.00	\$130.00	\$130.00	\$55.00	\$55.00
18.	AUGER FOR 12" SANITARY SEWER (DOES NOT INCLUDE PIPE), INCLUDING BORE PITS, BACKFILL AND ALL APPURTENANCES, COMPLETE IN PLACE	LF	212	\$85.00	\$18,020.00	\$117.00	\$24,804.00	\$52.40	\$11,108.80

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4) CROSTEX CONSTRUCTION, INC.

5) BLAZEY CONSTRUCTION SERVICES, LLC

6) FELLARS & CLARK, LP

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
19.	CONTRACTOR SHALL TV & CLEAN PROPOSED SANITARY SEWER, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	5,012	\$0.01	\$50.12	\$2.00	\$10,024.00	\$5.70	\$28,568.40
20.	ADDITIONAL COST OF SANITARY SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1,000	\$15.00	\$15,000.00	\$15.00	\$15,000.00	\$15.00	\$15,000.00
21.	DEWATERING (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1,000	\$22.00	\$22,000.00	\$22.00	\$22,000.00	\$22.00	\$22,000.00
22.	EXTRA CEMENT STABILIZED SAND (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00
SUBTOTAL SANITARY SEWER ITEMS					\$439,327.02		\$455,354.00 *		\$509,166.50
DRAINAGE FACILITIES ITEMS									
1.	24" STORM SEWER LEADS, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	541	\$57.60	\$31,161.60	\$57.00	\$30,837.00	\$65.55	\$35,462.55
2.	24" STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,700	\$55.10	\$93,670.00	\$56.00	\$95,200.00	\$48.95	\$83,215.00
3.	30" STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	288	\$71.60	\$20,620.80	\$72.00	\$20,736.00	\$63.30	\$18,230.40
4.	36" STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	251	\$99.70	\$25,024.70	\$99.00	\$24,849.00	\$87.65	\$22,000.15
5.	42" STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	65	\$129.00	\$8,385.00	\$129.00	\$8,385.00	\$113.55	\$7,380.75
6.	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	24	\$2,300.00	\$55,200.00	\$2,185.00	\$52,440.00	\$1,920.00	\$46,080.00
7.	TYPE "C" MANHOLE FOR 48" TO 72" STORM SEWER OR AS SHOWN IN PLANS, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$4,000.00	\$12,000.00	\$3,104.00	\$9,312.00	\$1,920.00	\$5,760.00
8.	STAGE I - STANDARD (TYPE "H-2") INLET, TO INCLUDE INLET PROTECTION BARRIERS, COMPLETE IN PLACE	EA	22	\$1,800.00	\$39,600.00	\$1,316.00	\$28,952.00	\$800.00	\$17,600.00
9.	STAGE II - STANDARD (TYPE "H-2") INLET, COMPLETE IN PLACE	EA	22	\$400.00	\$8,800.00	\$1,166.00	\$25,652.00	\$1,310.00	\$28,820.00
10.	STAGE I-TYPE "C-1" INLET, TO INCLUDE INLET PROTECTION BARRIERS, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00	\$1,233.00	\$1,233.00	\$835.00	\$835.00
11.	STAGE II TYPE "C-1" INLET, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$1,833.00	\$1,833.00	\$1,650.00	\$1,650.00
12.	REMOVE EXISTING 8" BRICK PLUG AND CONNECT STORM SEWER INTO EXISTING STORM SEWER SYSTEM, ALL SIZES, COMPLETE IN PLACE	EA	3	\$200.00	\$600.00	\$333.00	\$999.00	\$400.00	\$1,200.00
13.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2,845	\$7.50	\$21,337.50	\$0.30	\$853.50	\$0.10	\$284.50
14.	CONTRACTOR SHALL CONSTRUCT A TEMPORARY COFFER DAM, OR STORM PLUG, FOR PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	EA	2	\$5,500.00	\$11,000.00	\$7,220.00	\$14,440.00	\$1,140.00	\$2,280.00
15.	TYPE "E" INLET, INCLUDES INLET PROTECTION BARRIER, ALL SIDES OPEN, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$4,000.00	\$4,000.00	\$1,580.00	\$1,580.00	\$2,390.00	\$2,390.00
16.	REMOVE TYPE "E" INLET TOP FROM EXISTING MANHOLE BOTTOM AND REPLACE WITH TYPE "C" MANHOLE TOP, COMPLETE IN PLACE	EA	1	\$3,077.68	\$3,077.68	\$1,555.00	\$1,555.00	\$570.00	\$570.00

* MATHEMATICAL ERROR

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE KATY MANOR SOUTH SECTION 1
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 FEBRUARY 8, 2019
 LJA ENGINEERING, INC.
 L. MARTINEZ
 FEBRUARY 8, 2019
 1750-3211D (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) CROSTEX CONSTRUCTION, INC.		5) BLAZEY CONSTRUCTION SERVICES, LLC		6) FELLARS & CLARK, LP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
17.	CLEAN OUT EXISTING OUTFALL PIPES, COMPLETE IN PLACE	EA	2	\$4,000.00	\$8,000.00	\$1,400.00	\$2,800.00	\$1,710.00	\$3,420.00
18.	CONTRACTOR SHALL TV & CLEAN PROPOSED STORM SEWER, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	2,845	\$0.01	\$28.45	\$3.25	\$9,246.25	\$5.70	\$16,216.50
19.	ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1,000	\$15.00	\$15,000.00	\$15.00	\$15,000.00	\$15.00	\$15,000.00
20.	DEWATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1,000	\$22.00	\$22,000.00	\$22.00	\$22,000.00	\$22.00	\$22,000.00
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$382,505.73		\$367,902.75		\$330,394.85
MISCELLANEOUS ITEMS									
1.	REINFORCED FILTER FABRIC FENCE (SILT BARRIER FENCING), COMPLETE IN PLACE	LF	6,957	\$1.00	\$6,957.00	\$1.00	\$6,957.00	\$1.00	\$6,957.00
2.	CONSTRUCT AND MAINTAIN STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	EA	1	\$3,500.00	\$3,500.00	\$2,000.00	\$2,000.00	\$1,710.00	\$1,710.00
3.	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING INSPECTIONS, MAINTENANCE OF FILTER FABRIC AND STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	LS	1	\$2,500.00	\$2,500.00	\$250.00	\$250.00	\$1,191.64	\$1,191.64
4.	CONCRETE TRUCK WASHOUT, INCLUDING INSTALLATION AND MAINTENANCE, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$500.00	\$500.00	\$115.00	\$115.00
5.	TEMPORARY TRAFFIC CONTROL PLAN, COMPLETE IN PLACE	LS	1	\$2,500.00	\$2,500.00	\$3,000.00	\$3,000.00	\$1.00	\$1.00
6.	ADDITIONAL COST FOR UNSATISFACTORY SOIL CONDITIONS FOR MANHOLES, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	62	\$12.00	\$744.00	\$20.00	\$1,240.00	\$12.00	\$744.00
7.	STAGE II INLET PROTECTION BARRIERS, (SAND BAGS FOR PROPOSED AND EXISTING INLETS), (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	26	\$20.00	\$520.00	\$85.00	\$2,210.00	\$55.00	\$1,430.00
8.	BROADCASTING SEEDING FOR R.O.W., INCLUDES FERTILIZING AND WATERING (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	3	\$500.00	\$1,500.00	\$800.00	\$2,400.00	\$800.00	\$2,400.00
SUBTOTAL MISCELLANEOUS ITEMS					\$18,721.00		\$18,557.00		\$14,548.64
OFFSITE WATER LINE BID ITEMS									
1.	12" PVC WATER LINE, C-900, DR 18, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, TO INCLUDE FITTINGS, COMPLETE IN PLACE	LF	1,045	\$29.75	\$31,088.75	\$36.00	\$37,620.00	\$54.21	\$56,649.45
2.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	964	\$1.10	\$1,060.40	\$0.30	\$289.20	\$0.10	\$96.40
3.	12" AWWA GATE VALVE AND BOX AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	3	\$2,100.00	\$6,300.00	\$1,700.00	\$5,100.00	\$2,155.00	\$6,465.00
4.	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE AND BOX, 6" LEAD AND FIRE HYDRANT, TRENCH SAFETY, COMPLETE IN PLACE	EA	2	\$3,800.00	\$7,600.00	\$3,372.00	\$6,744.00	\$3,990.00	\$7,980.00
5.	12" PLUG AND CLAMP, COMPLETE IN PLACE	EA	1	\$320.00	\$320.00	\$250.00	\$250.00	\$130.00	\$130.00
6.	2" BLOW-OFF VALVE & BOX, COMPLETE IN PLACE	EA	1	\$1,015.00	\$1,015.00	\$850.00	\$850.00	\$455.00	\$455.00
7.	AUGER FOR 12" WATER LINE (DOES NOT INCLUDE PIPE), INCLUDING BORE PITS, BACKFILL AND ALL APPRTENANCES, COMPLETE IN PLACE	LF	81	\$75.00	\$6,075.00	\$65.00	\$5,265.00	\$0.01	\$0.81

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE KATY MANOR SOUTH SECTION 1
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 FEBRUARY 8, 2019
 LJA ENGINEERING, INC.
 L. MARTINEZ
 FEBRUARY 8, 2019
 1750-3211D (9.2)

BID OPENING DATE:
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ITEM	DESCRIPTION	UNIT	QTY	4) CROSTEX CONSTRUCTION, INC.		5) BLAZEY CONSTRUCTION SERVICES, LLC		6) FELLARS & CLARK, LP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
8.	REMOVE EXISTING 12" PLUG AND CLAMP WITH 2" BLOW-OFF VALVE, CONNECT PROPOSED 12" WATER LINE TO EXISTING 12" WATER LINE, WET CONNECTION, COMPLETE IN PLACE	EA	2	\$200.00	\$400.00	\$650.00	\$1,300.00	\$1,710.00	\$3,420.00
9.	REGRADE AND RESEED EXISTING ROADSIDE DITCH, COMPLETE IN PLACE	LF	320	\$15.00	\$4,800.00	\$10.00	\$3,200.00	\$0.01	\$3.20
10.	REINFORCED FILTER FABRIC FENCE (SILT BARRIER FENCING), COMPLETE IN PLACE	LF	1,000	\$1.00	\$1,000.00	\$1.00	\$1,000.00	\$1.00	\$1,000.00
11.	TEMPORARY TRAFFIC CONTROL PLAN, COMPLETE IN PLACE	LS	1	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00	\$1.00	\$1.00
SUBTOTAL OFFSITE WATER LINE BID ITEMS					\$63,159.15	\$65,118.20			\$76,200.86
FORCE MAIN BID ITEMS									
1.	8" PVC FORCE MAIN, C-900, DR 18, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, TO INCLUDE FITTINGS, COMPLETE IN PLACE	LF	3,086	\$21.50	\$66,349.00	\$26.00	\$80,236.00	\$20.05	\$61,874.30
2.	8" PVC RESTRAINED JOINT FORCE MAIN, C-900, DR 14, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, NECESSARY FITTINGS AND OFFSETS, COMPLETE IN PLACE	LF	609	\$39.25	\$23,903.25	\$51.00	\$31,059.00	\$38.55	\$23,476.95
3.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3,499	\$1.10	\$3,848.90	\$0.30	\$1,049.70	\$0.10	\$349.90
4.	14" STEEL CASING FOR 8" PVC FORCE MAIN (DOES NOT INCLUDE CARRIER PIPE), TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	212	\$103.00	\$21,836.00	\$80.00	\$16,960.00	\$42.80	\$9,073.60
5.	AUGER FOR 8" FORCE MAIN (DOES NOT INCLUDE PIPE), INCLUDING BORE PITS, BACKFILL AND ALL APPURTENANCES, COMPLETE IN PLACE	LF	114	\$65.00	\$7,410.00	\$65.00	\$7,410.00	\$40.45	\$4,611.30
6.	AUGER FOR 14" STEEL CASING (DOES NOT INCLUDE PIPE), INCLUDING BORE PITS, BACKFILL AND ALL APPURTENANCES, COMPLETE IN PLACE	LF	82	\$80.00	\$6,560.00	\$95.00	\$7,790.00	\$98.05	\$8,040.10
7.	FORCE MAIN AIR RELEASE VALVE WITH ISOLATION VALVE AND BOX AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	1	\$9,000.00	\$9,000.00	\$10,000.00	\$10,000.00	\$13,810.00	\$13,810.00
8.	AIR RELEASE VALVE MANHOLE FOR 8" FORCE MAIN, ALL DEPTHS, INCLUDES INFLOW PROTECTORS, COMPLETE IN PLACE	EA	2	\$8,500.00	\$17,000.00	\$9,000.00	\$18,000.00	\$10,240.00	\$20,480.00
9.	REMOVE AND DISPOSE OF EXISTING SANITARY SEWER / FORCE MAIN PLUG, COMPLETE IN PLACE	EA	1	\$5,000.00	\$5,000.00	\$1,890.00	\$1,890.00	\$200.00	\$200.00
10.	REINFORCED FILTER FABRIC FENCE (SILT BARRIER FENCING), COMPLETE IN PLACE	LF	610	\$2.00	\$1,220.00	\$1.25	\$762.50	\$1.00	\$610.00
11.	CONSTRUCT, MAINTAIN AND REMOVE STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00	\$1,710.00	\$1,710.00
12.	CONCRETE TRUCK WASHOUT, INCLUDING INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	2	\$500.00	\$1,000.00	\$500.00	\$1,000.00	\$855.00	\$1,710.00
13.	CORE INTO EXISTING SANITARY SEWER MANHOLE, CONNECT 10" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00	\$1,710.00	\$1,710.00
14.	10" PVC SEWER PIPE, ASTM D-2241, SDR 26, 0' - 8' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	28	\$50.00	\$1,400.00	\$126.00	\$3,528.00	\$36.45	\$1,020.60
15.	SANITARY SEWER CORROSION RESISTANT MANHOLE FOR FORCE MAIN, (ALL DEPTHS), COMPLETE IN PLACE	EA	1	\$6,000.00	\$6,000.00	\$9,500.00	\$9,500.00	\$10,660.00	\$10,660.00
16.	8" SANITARY SEWER PLUG, INCLUDES 3" PVC MARKER TO 1 FT ABOVE NATURAL GROUND, COMPLETE IN PLACE	EA	1	\$250.00	\$250.00	\$170.00	\$170.00	\$55.00	\$55.00

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LJA JOB NO.

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE KATY MANOR SOUTH SECTION 1
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 FEBRUARY 8, 2019
 LJA ENGINEERING, INC.
 L. MARTINEZ
 FEBRUARY 8, 2019
 1750-3211D (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) CROSTEX CONSTRUCTION, INC.		5) BLAZEY CONSTRUCTION SERVICES, LLC		6) FELLARS & CLARK, LP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
17.	INLET PROTECTION BARRIERS, (SAND BAGS FOR PROPOSED AND EXISTING INLETS), (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	5	\$50.00	\$250.00	\$90.00	\$450.00	\$55.00	\$275.00
18.	REMOVE AND REPLACE EXISTING SIDEWALK, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	SY	100	\$65.00	\$6,500.00	\$75.00	\$7,500.00	\$71.50	\$7,150.00
SUBTOTAL FORCE MAIN BID ITEMS					\$181,527.15	\$201,305.20	\$166,816.75		
BID SUMMARY									
SUBTOTAL WATER ITEMS					\$203,759.95	\$223,777.20	\$238,872.40		
SUBTOTAL SANITARY SEWER ITEMS					\$439,327.02	\$455,354.00 *	\$509,166.50		
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$382,505.73	\$367,902.75	\$330,394.85		
SUBTOTAL MISCELLANEOUS ITEMS					\$18,721.00	\$18,557.00	\$14,548.64		
SUBTOTAL OFFSITE WATER LINE BID ITEMS					\$63,159.15	\$65,118.20	\$76,200.86		
SUBTOTAL FORCE MAIN BID ITEMS					\$181,527.15	\$201,305.20	\$166,816.75		
TOTAL AMOUNT BID					\$1,289,000.00	\$1,332,014.35 *	\$1,336,000.00		

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 TO SERVE KATY MANOR SOUTH SECTION 1
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 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 FEBRUARY 8, 2019
 LJA ENGINEERING, INC.
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LJA JOB NO.

7) PRINCIPAL SERVICES, LTD.

8) TEXASITE, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER ITEMS							
1.	12" PVC WATER PIPE, C-900, DR 18, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, AND FITTINGS, COMPLETE IN PLACE	LF	1,193	\$33.00	\$39,369.00	\$35.00	\$41,755.00
2.	8" PVC WATER PIPE, C-900, DR 18, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, AND FITTINGS, COMPLETE IN PLACE	LF	571	\$24.00	\$13,704.00	\$22.00	\$12,562.00
3.	6" PVC WATER PIPE, C-900, DR 18, ALL DEPTHS, INCLUDING BEDDING AND BACKFILL, AND FITTINGS, COMPLETE IN PLACE	LF	965	\$21.00	\$20,265.00	\$17.00	\$16,405.00
4.	4" PVC WATER PIPE, C-900, DR 18, ALL DEPTHS, INCLUDING BEDDING AND BACKFILL, AND FITTINGS, COMPLETE IN PLACE	LF	461	\$19.00	\$8,759.00	\$14.00	\$6,454.00
5.	12" PVC WATER PIPE, C-900, DR 18, CL 235 RESTRAINED JOINT WATER LINE, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, NECESSARY FITTINGS AND OFFSETS, COMPLETE IN PLACE	LF	415	\$47.00	\$19,505.00	\$72.00	\$29,880.00
6.	8" PVC WATER PIPE, C-900, DR 18, CL 235 RESTRAINED JOINT WATER LINE, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, NECESSARY FITTINGS AND OFFSETS, COMPLETE IN PLACE	LF	232	\$30.00	\$6,960.00	\$38.00	\$8,816.00
7.	6" PVC WATER PIPE, C-900, DR 18, CL 235 RESTRAINED JOINT WATER LINE, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, NECESSARY FITTINGS AND OFFSETS, COMPLETE IN PLACE	LF	43	\$36.00	\$1,548.00	\$30.00	\$1,290.00
8.	4" PVC WATER PIPE, C-900, DR 18, CL 235 RESTRAINED JOINT WATER LINE, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, NECESSARY FITTINGS AND OFFSETS, COMPLETE IN PLACE	LF	64	\$33.00	\$2,112.00	\$23.00	\$1,472.00
9.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3,884	\$0.10	\$388.40	\$1.00	\$3,884.00
10.	12" AWWA GATE VALVE AND BOX AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	7	\$2,000.00	\$14,000.00	\$2,500.00	\$17,500.00
11.	8" AWWA GATE VALVE AND BOX AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	6	\$1,000.00	\$6,000.00	\$1,350.00	\$8,100.00
12.	6" AWWA GATE VALVE AND BOX AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	3	\$700.00	\$2,100.00	\$950.00	\$2,850.00
13.	4" AWWA GATE VALVE AND BOX AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$850.00	\$850.00
14.	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE AND BOX, 6" LEAD AND FIRE HYDRANT, TRENCH SAFETY, COMPLETE IN PLACE	EA	10	\$3,300.00	\$33,000.00	\$3,650.00	\$36,500.00
15.	12" PLUG AND CLAMP, COMPLETE IN PLACE	EA	1	\$300.00	\$300.00	\$400.00	\$400.00
16.	8" PLUG AND CLAMP, COMPLETE IN PLACE	EA	2	\$230.00	\$460.00	\$300.00	\$600.00
17.	4" PLUG AND CLAMP, COMPLETE IN PLACE	EA	6	\$180.00	\$1,080.00	\$100.00	\$600.00
18.	2" BLOW-OFF VALVE & BOX, COMPLETE IN PLACE	EA	9	\$800.00	\$7,200.00	\$400.00	\$3,600.00
19.	NEAR SIDE, DOUBLE OR SINGLE SERVICE, 1" (CTS POLYETHYLENE, SDR-9), WATER SERVICE INCLUDES TRENCH SAFETY, METER BOX, CURB STOP, AND ALL NECESSARY CONNECTORS AND TAPS, COMPLETE IN PLACE	EA	27	\$580.00	\$15,660.00	\$800.00	\$21,600.00
20.	FAR SIDE, DOUBLE OR SINGLE SERVICE, 1" (CTS POLYETHYLENE, SDR-9), WATER SERVICE INCLUDES METER BOX, CURB STOP, TRENCH SAFETY AND ALL NECESSARY CONNECTORS AND TAPS, COMPLETE IN PLACE	EA	25	\$930.00	\$23,250.00	\$1,500.00	\$37,500.00

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 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
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ITEM	DESCRIPTION	UNIT	QTY	7) PRINCIPAL SERVICES, LTD.		8) TEXASITE, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
21.	AUGER FOR 12" WATER LINE (DOES NOT INCLUDE PIPE), INCLUDING BORE PITS, BACKFILL AND ALL APPURTENANCES, COMPLETE IN PLACE	LF	60	\$125.00	\$7,500.00	\$90.00	\$5,400.00
SUBTOTAL WATER ITEMS					\$223,660.40		\$258,018.00
SANITARY SEWER ITEMS							
1.	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 0'-8' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	562	\$28.00	\$15,736.00	\$32.00	\$17,984.00
2.	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,270	\$29.00	\$36,830.00	\$34.00	\$43,180.00
3.	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	274	\$32.00	\$8,768.00	\$36.00	\$9,864.00
4.	12" PVC SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	205	\$36.00	\$7,380.00	\$42.00	\$8,610.00
5.	12" PVC SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,614	\$38.00	\$61,332.00	\$53.00	\$85,542.00
6.	12" PVC SEWER PIPE, C-900, DR 18, 16'-20' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,091	\$52.00	\$56,732.00	\$90.00	\$98,190.00
7.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4,800	\$0.10	\$480.00	\$1.00	\$4,800.00
8.	STANDARD SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (8' DEPTH), COMPLETE IN PLACE	EA	35	\$1,900.00	\$66,500.00	\$3,000.00	\$105,000.00
9.	EXTRA DEPTH OF STANDARD SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	161	\$150.00	\$24,150.00	\$200.00	\$32,200.00
10.	STANDARD SANITARY SEWER DROP, ALL SIZES, COMPLETE IN PLACE	EA	4	\$540.00	\$2,160.00	\$600.00	\$2,400.00
11.	EXTRA DEPTH FOR SANITARY SEWER DROP (OVER 2'), COMPLETE IN PLACE	VF	11	\$33.00	\$363.00	\$25.00	\$275.00
12.	LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, RISER, WYE, PLUG, MARKER, DROP STRUCTURES, STACKS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	18	\$2,300.00	\$41,400.00	\$3,000.00	\$54,000.00
13.	LONG SIDE DOUBLE OR SINGLE 8" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, RISER, WYE, PLUG, MARKER, DROP STRUCTURES, STACKS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	1	\$3,600.00	\$3,600.00	\$2,700.00	\$2,700.00
14.	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, RISER, WYE, PLUG, MARKER, DROP STRUCTURES, STACKS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	24	\$1,700.00	\$40,800.00	\$600.00	\$14,400.00
15.	REMOVE AND DISPOSE OF EXISTING SANITARY SEWER PLUG, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$300.00	\$300.00
16.	12" SANITARY SEWER PLUG, COMPLETE IN PLACE	EA	1	\$250.00	\$250.00	\$250.00	\$250.00
17.	8" SANITARY SEWER PLUG, COMPLETE IN PLACE	EA	1	\$250.00	\$250.00	\$100.00	\$100.00
18.	AUGER FOR 12" SANITARY SEWER (DOES NOT INCLUDE PIPE), INCLUDING BORE PITS, BACKFILL AND ALL APPURTENANCES, COMPLETE IN PLACE	LF	212	\$125.00	\$26,500.00	\$100.00	\$21,200.00

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE KATY MANOR SOUTH SECTION 1
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 FEBRUARY 8, 2019
 LJA ENGINEERING, INC.
 L. MARTINEZ
 FEBRUARY 8, 2019
 1750-3211D (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	7) PRINCIPAL SERVICES, LTD.		8) TEXASITE, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
19.	CONTRACTOR SHALL TV & CLEAN PROPOSED SANITARY SEWER, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	5,012	\$2.00	\$10,024.00	\$0.05	\$250.60
20.	ADDITIONAL COST OF SANITARY SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1,000	\$15.00	\$15,000.00	\$15.00	\$15,000.00
21.	DEWATERING (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1,000	\$30.00	\$30,000.00	\$22.00	\$22,000.00
22.	EXTRA CEMENT STABILIZED SAND (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00
SUBTOTAL SANITARY SEWER ITEMS					\$450,755.00		\$540,245.60
DRAINAGE FACILITIES ITEMS							
1.	24" STORM SEWER LEADS, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	541	\$64.00	\$34,624.00	\$64.00	\$34,624.00
2.	24" STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,700	\$56.00	\$95,200.00	\$60.00	\$102,000.00
3.	30" STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	288	\$71.00	\$20,448.00	\$84.00	\$24,192.00
4.	36" STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	251	\$101.00	\$25,351.00	\$110.00	\$27,610.00
5.	42" STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	65	\$151.00	\$9,815.00	\$150.00	\$9,750.00
6.	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	24	\$2,000.00	\$48,000.00	\$2,400.00	\$57,600.00
7.	TYPE "C" MANHOLE FOR 48" TO 72" STORM SEWER OR AS SHOWN IN PLANS, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$2,900.00	\$8,700.00	\$4,000.00	\$12,000.00
8.	STAGE I - STANDARD (TYPE "H-2") INLET, TO INCLUDE INLET PROTECTION BARRIERS, COMPLETE IN PLACE	EA	22	\$1,400.00	\$30,800.00	\$1,300.00	\$28,600.00
9.	STAGE II - STANDARD (TYPE "H-2") INLET, COMPLETE IN PLACE	EA	22	\$1,400.00	\$30,800.00	\$1,200.00	\$26,400.00
10.	STAGE I-TYPE "C-1" INLET, TO INCLUDE INLET PROTECTION BARRIERS, COMPLETE IN PLACE	EA	1	\$1,100.00	\$1,100.00	\$2,000.00	\$2,000.00
11.	STAGE II TYPE "C-1" INLET, COMPLETE IN PLACE	EA	1	\$1,800.00	\$1,800.00	\$1,800.00	\$1,800.00
12.	REMOVE EXISTING 8" BRICK PLUG AND CONNECT STORM SEWER INTO EXISTING STORM SEWER SYSTEM, ALL SIZES, COMPLETE IN PLACE	EA	3	\$350.00	\$1,050.00	\$350.00	\$1,050.00
13.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2,845	\$0.10	\$284.50	\$1.00	\$2,845.00
14.	CONTRACTOR SHALL CONSTRUCT A TEMPORARY COFFER DAM, OR STORM PLUG, FOR PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	EA	2	\$12,000.00	\$24,000.00	\$5,600.00	\$11,200.00
15.	TYPE "E" INLET, INCLUDES INLET PROTECTION BARRIER, ALL SIDES OPEN, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$3,100.00	\$3,100.00	\$2,800.00	\$2,800.00
16.	REMOVE TYPE "E" INLET TOP FROM EXISTING MANHOLE BOTTOM AND REPLACE WITH TYPE "C" MANHOLE TOP, COMPLETE IN PLACE	EA	1	\$1,300.00	\$1,300.00	\$1,000.00	\$1,000.00

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 TO SERVE KATY MANOR SOUTH SECTION 1
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 FEBRUARY 8, 2019
 LJA ENGINEERING, INC.
 L. MARTINEZ
 FEBRUARY 8, 2019
 1750-3211D (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	7) PRINCIPAL SERVICES, LTD.		8) TEXASITE, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
17.	CLEAN OUT EXISTING OUTFALL PIPES, COMPLETE IN PLACE	EA	2	\$7,500.00	\$15,000.00	\$2,500.00	\$5,000.00
18.	CONTRACTOR SHALL TV & CLEAN PROPOSED STORM SEWER, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	2,845	\$2.00	\$5,690.00	\$0.05	\$142.25
19.	ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1,000	\$15.00	\$15,000.00	\$15.00	\$15,000.00
20.	DEWATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1,000	\$30.00	\$30,000.00	\$22.00	\$22,000.00
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$402,062.50		\$387,613.25
MISCELLANEOUS ITEMS							
1.	REINFORCED FILTER FABRIC FENCE (SILT BARRIER FENCING), COMPLETE IN PLACE	LF	6,957	\$1.25	\$8,696.25	\$1.00	\$6,957.00
2.	CONSTRUCT AND MAINTAIN STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	EA	1	\$3,100.00	\$3,100.00	\$200.00	\$200.00
3.	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING INSPECTIONS, MAINTENANCE OF FILTER FABRIC AND STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	LS	1	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00
4.	CONCRETE TRUCK WASHOUT, INCLUDING INSTALLATION AND MAINTENANCE, COMPLETE IN PLACE	EA	1	\$400.00	\$400.00	\$20.00	\$20.00
5.	TEMPORARY TRAFFIC CONTROL PLAN, COMPLETE IN PLACE	LS	1	\$10,000.00	\$10,000.00	\$1,000.00	\$1,000.00
6.	ADDITIONAL COST FOR UNSATISFACTORY SOIL CONDITIONS FOR MANHOLES, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	62	\$12.00	\$744.00	\$12.00	\$744.00
7.	STAGE II INLET PROTECTION BARRIERS, (SAND BAGS FOR PROPOSED AND EXISTING INLETS), (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	26	\$40.00	\$1,040.00	\$10.00	\$260.00
8.	BROADCASTING SEEDING FOR R.O.W., INCLUDES FERTILIZING AND WATERING (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	3	\$1,500.00	\$4,500.00	\$1,000.00	\$3,000.00
SUBTOTAL MISCELLANEOUS ITEMS					\$29,480.25		\$14,681.00
OFFSITE WATER LINE BID ITEMS							
1.	12" PVC WATER LINE, C-900, DR 18, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, TO INCLUDE FITTINGS, COMPLETE IN PLACE	LF	1,045	\$31.00	\$32,395.00	\$35.00	\$36,575.00
2.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	964	\$0.10	\$96.40	\$1.00	\$964.00
3.	12" AWWA GATE VALVE AND BOX AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	3	\$1,800.00	\$5,400.00	\$2,300.00	\$6,900.00
4.	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE AND BOX, 6" LEAD AND FIRE HYDRANT, TRENCH SAFETY, COMPLETE IN PLACE	EA	2	\$3,600.00	\$7,200.00	\$3,800.00	\$7,600.00
5.	12" PLUG AND CLAMP, COMPLETE IN PLACE	EA	1	\$400.00	\$400.00	\$300.00	\$300.00
6.	2" BLOW-OFF VALVE & BOX, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$500.00	\$500.00
7.	AUGER FOR 12" WATER LINE (DOES NOT INCLUDE PIPE), INCLUDING BORE PITS, BACKFILL AND ALL APPRTENANCES, COMPLETE IN PLACE	LF	81	\$117.00	\$9,477.00	\$100.00	\$8,100.00

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 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
 FEBRUARY 8, 2019
 LJA ENGINEERING, INC.
 L. MARTINEZ
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ITEM	DESCRIPTION	UNIT	QTY	7) PRINCIPAL SERVICES, LTD.		8) TEXASITE, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
8.	REMOVE EXISTING 12" PLUG AND CLAMP WITH 2" BLOW-OFF VALVE, CONNECT PROPOSED 12" WATER LINE TO EXISTING 12" WATER LINE, WET CONNECTION, COMPLETE IN PLACE	EA	2	\$500.00	\$1,000.00	\$1,350.00	\$2,700.00
9.	REGRADE AND RESEED EXISTING ROADSIDE DITCH, COMPLETE IN PLACE	LF	320	\$30.00	\$9,600.00	\$5.00	\$1,600.00
10.	REINFORCED FILTER FABRIC FENCE (SILT BARRIER FENCING), COMPLETE IN PLACE	LF	1,000	\$1.25	\$1,250.00	\$1.00	\$1,000.00
11.	TEMPORARY TRAFFIC CONTROL PLAN, COMPLETE IN PLACE	LS	1	\$7,500.00	\$7,500.00	\$1,000.00	\$1,000.00
SUBTOTAL OFFSITE WATER LINE BID ITEMS					\$75,118.40	\$67,239.00	
FORCE MAIN BID ITEMS							
1.	8" PVC FORCE MAIN, C-900, DR 18, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, TO INCLUDE FITTINGS, COMPLETE IN PLACE	LF	3,086	\$27.00	\$83,322.00	\$24.00	\$74,064.00
2.	8" PVC RESTRAINED JOINT FORCE MAIN, C-900, DR 14, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, NECESSARY FITTINGS AND OFFSETS, COMPLETE IN PLACE	LF	609	\$44.00	\$26,796.00	\$58.00	\$35,322.00
3.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	3,499	\$0.10	\$349.90	\$1.00	\$3,499.00
4.	14" STEEL CASING FOR 8" PVC FORCE MAIN (DOES NOT INCLUDE CARRIER PIPE), TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	212	\$70.00	\$14,840.00	\$80.00	\$16,960.00
5.	AUGER FOR 8" FORCE MAIN (DOES NOT INCLUDE PIPE), INCLUDING BORE PITS, BACKFILL AND ALL APPURTENANCES, COMPLETE IN PLACE	LF	114	\$148.00	\$16,872.00	\$115.00	\$13,110.00
6.	AUGER FOR 14" STEEL CASING (DOES NOT INCLUDE PIPE), INCLUDING BORE PITS, BACKFILL AND ALL APPURTENANCES, COMPLETE IN PLACE	LF	82	\$225.00	\$18,450.00	\$150.00	\$12,300.00
7.	FORCE MAIN AIR RELEASE VALVE WITH ISOLATION VALVE AND BOX AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	1	\$7,200.00	\$7,200.00	\$13,000.00	\$13,000.00
8.	AIR RELEASE VALVE MANHOLE FOR 8" FORCE MAIN, ALL DEPTHS, INCLUDES INFLOW PROTECTORS, COMPLETE IN PLACE	EA	2	\$3,400.00	\$6,800.00	\$10,000.00	\$20,000.00
9.	REMOVE AND DISPOSE OF EXISTING SANITARY SEWER / FORCE MAIN PLUG, COMPLETE IN PLACE	EA	1	\$250.00	\$250.00	\$600.00	\$600.00
10.	REINFORCED FILTER FABRIC FENCE (SILT BARRIER FENCING), COMPLETE IN PLACE	LF	610	\$1.25	\$762.50	\$1.00	\$610.00
11.	CONSTRUCT, MAINTAIN AND REMOVE STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	EA	1	\$3,100.00	\$3,100.00	\$200.00	\$200.00
12.	CONCRETE TRUCK WASHOUT, INCLUDING INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	2	\$400.00	\$800.00	\$20.00	\$40.00
13.	CORE INTO EXISTING SANITARY SEWER MANHOLE, CONNECT 10" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$1,200.00	\$1,200.00	\$2,000.00	\$2,000.00
14.	10" PVCE SEWER PIPE, ASTM D-2241, SDR 26, 0' - 8' CUT, TO INCLUDE BEDDIGN AND BACKFILL, COMPLETE IN PLACE	LF	28	\$48.00	\$1,344.00	\$65.00	\$1,820.00
15.	SANITARY SEWER CORROSION RESISTANT MANHOLE FOR FORCE MAIN, (ALL DEPTHS), COMPLETE IN PLACE	EA	1	\$8,000.00	\$8,000.00	\$12,000.00	\$12,000.00
16.	8" SANITARY SEWER PLUG, INCLUDES 3" PVC MARKER TO 1 FT ABOVE NATURAL GROUND, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$600.00	\$600.00

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ITEM	DESCRIPTION	UNIT	QTY	7) PRINCIPAL SERVICES, LTD.		8) TEXASITE, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
17.	INLET PROTECTION BARRIERS, (SAND BAGS FOR PROPOSED AND EXISTING INLETS), (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	5	\$40.00	\$200.00	\$10.00	\$50.00
18.	REMOVE AND REPLACE EXISTING SIDEWALK, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	SY	100	\$80.00	\$8,000.00	\$150.00	\$15,000.00
SUBTOTAL FORCE MAIN BID ITEMS					\$198,786.40	\$221,175.00	
BID SUMMARY							
SUBTOTAL WATER ITEMS					\$223,660.40	\$258,018.00	
SUBTOTAL SANITARY SEWER ITEMS					\$450,755.00	\$540,245.60	
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$402,062.50	\$387,613.25	
SUBTOTAL MISCELLANEOUS ITEMS					\$29,480.25	\$14,681.00	
SUBTOTAL OFFSITE WATER LINE BID ITEMS					\$75,118.40	\$67,239.00	
SUBTOTAL FORCE MAIN BID ITEMS					\$198,786.40	\$221,175.00	
TOTAL AMOUNT BID					\$1,379,862.95	\$1,488,971.85	