

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 BERGAMO VISTA SECTION 1
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495
CITY OF HOUSTON, HARRIS COUNTY, TEXAS
MARCH 5, 2020
LJA ENGINEERING, INC.
J. RIVERA
MARCH 5, 2020
JOB NO. 2450-2011D (9.2)

BIDDER'S NAME	TOTAL BID AMOUNT
1) CLEARWATER UTILITIES, INC.	\$1,389,972.80
2) TEXASITE, LLC	\$1,399,846.03
3) HURTADO CONSTRUCTION COMPANY	\$1,418,550.01
4) D. L. ELLIOTT ENTERPRISES, INC.	\$1,479,360.20
5) BLAZEY CONSTRUCTION SERVICES, LLC	\$1,523,511.68
6) CROSTEX CONSTRUCTION, INC	\$1,540,000.00
7) BAY UTILITIES, LLC	\$1,617,156.90
8) KENNETH LAMB CONSTRUCTION CO., LTD	\$1,649,677.03

CALENDAR DAYS - 45/60


I, Andrew Bowman, PE, hereby certify these bid tabulations to be true and correct.



03/10/20

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ITEM	DESCRIPTION	UNIT	QTY	1) CLEARWATER UTILITIES, INC.		2) TEXASITE, LLC		3) HURTADO CONSTRUCTION COMPANY	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER ITEMS									
1.	8" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS & BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	2,805	\$17.00	\$44,285.00	\$17.00	\$44,285.00	\$17.88	\$46,577.40
2.	6" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS & BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	256	\$15.00	\$3,840.00	\$14.00	\$3,584.00	\$15.38	\$3,937.28
3.	4" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS & BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	77	\$13.00	\$1,001.00	\$12.00	\$924.00	\$15.88	\$1,222.76
4.	8" PVC RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	1,228	\$21.00	\$25,788.00	\$31.00	\$38,068.00	\$25.28	\$31,043.84
5.	TRENCH SAFETY SYSTEM, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	4,166	\$0.10	\$416.60	\$1.00	\$4,166.00	\$0.08	\$333.28
6.	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	18	\$853.00	\$15,354.00	\$1,050.00	\$18,900.00	\$868.00	\$15,624.00
7.	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, FITTINGS, 6" GATE VALVE AND BOX, LEAD PIPE, AND FIRE HYDRANT UNIT, COMPLETE IN PLACE	EA	10	\$2,992.00	\$29,920.00	\$3,300.00	\$33,000.00	\$3,188.00	\$31,880.00
8.	8" PLUG AND CLAMP, COMPLETE IN PLACE	EA	2	\$67.00	\$134.00	\$250.00	\$500.00	\$108.00	\$216.00
9.	4" PLUG AND CLAMP, COMPLETE IN PLACE	EA	2	\$38.00	\$76.00	\$150.00	\$300.00	\$108.00	\$216.00
10.	2" BLOW-OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	4	\$409.00	\$1,636.00	\$450.00	\$1,800.00	\$578.00	\$2,312.00
11.	SHORT SIDE, DOUBLE OR SINGLE SERVICE, 1" (CTS POLYETHYLENE, SDR-9), WATER SERVICE INCLUDES METER BOX, CURB STOP, ALL NECESSARY CONNECTORS AND TAPS, COMPLETE IN PLACE	EA	24	\$447.00	\$10,728.00	\$450.00	\$10,800.00	\$498.00	\$11,952.00
12.	LONG SIDE, DOUBLE OR SINGLE SERVICE, 1" (CTS POLYETHYLENE, SDR-9), WATER SERVICE INCLUDES METER BOX, CURB STOP, ALL NECESSARY CONNECTORS AND TAPS, COMPLETE IN PLACE	EA	19	\$987.00	\$18,753.00	\$950.00	\$18,050.00	\$1,108.00	\$21,052.00
13.	TRENCH SAFETY SYSTEM FOR 1" WATER SERVICE, ALL DEPTHS, COMPLETE IN PLACE	LF	1,424	\$0.10	\$142.40	\$1.00	\$1,424.00	\$0.08	\$113.92
14.	14" STEEL CASING FOR 8" WATER LINE, INCLUDES SPACERS AND END SEALS, COMPLETE IN PLACE	LF	242	\$66.00	\$15,972.00	\$55.00	\$13,310.00	\$38.00	\$9,196.00
WATER ITEMS					\$168,046.00		\$189,111.00		\$178,676.48
SANITARY SEWER ITEMS									
1.	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 0'-8' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	478	\$39.00	\$18,642.00	\$30.00	\$14,340.00	\$25.88	\$12,370.64
2.	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,144	\$40.00	\$45,760.00	\$32.00	\$36,608.00	\$25.88	\$29,606.72
3.	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	358	\$42.00	\$15,036.00	\$34.00	\$12,172.00	\$32.88	\$11,771.04
4.	8" PVC SEWER PIPE, AWWA C-900, DR-18, CLASS 235, 16'-20' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,388	\$49.00	\$68,012.00	\$39.00	\$54,132.00	\$48.88	\$67,845.44
5.	DRY AUGER FOR 14" STEEL CASING, (EXCLUDES CARRIER PIPE), INCLUDES BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	122	\$150.00	\$18,300.00	\$110.00	\$13,420.00	\$318.00	\$38,796.00

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ITEM	DESCRIPTION	UNIT	QTY	1) CLEARWATER UTILITIES, INC.		2) TEXASITE, LLC		3) HURTADO CONSTRUCTION COMPANY	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4.	36" STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	472	\$93.00	\$43,896.00	\$95.00	\$44,840.00	\$103.88	\$49,031.36
5.	48" STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	222	\$137.00	\$30,414.00	\$150.00	\$33,300.00	\$148.88	\$33,051.36
6.	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	21	\$1,948.00	\$40,908.00	\$2,200.00	\$46,200.00	\$1,688.00	\$35,448.00
7.	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 48" TO 72" STORM SEWER OR AS SHOWN IN PLANS, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$3,033.00	\$9,099.00	\$4,500.00	\$13,500.00	\$2,188.00	\$6,564.00
8.	STAGE I – REINFORCED CONCRETE TYPE "C" INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE 1 INLET, COMPLETE IN PLACE	EA	25	\$1,158.00	\$28,950.00	\$1,100.00	\$27,500.00	\$868.00	\$21,700.00
9.	STAGE II – REINFORCED CONCRETE TYPE "C" INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	25	\$1,049.00	\$26,225.00	\$1,100.00	\$27,500.00	\$1,308.00	\$32,700.00
10.	REINFORCED CONCRETE TYPE "E" INLET, ALL SIDES OPEN, COMPLETE IN PLACE	EA	2	\$1,910.00	\$3,820.00	\$2,500.00	\$5,000.00	\$2,188.00	\$4,376.00
11.	REMOVE AND OFFSITE DISPOSAL OF EXISTING 8" BRICK PLUG AND CONNECT 48" RCP TO EXISTING 48" RCP, ALL DEPTHS COMPLETE IN PLACE	EA	1	\$358.00	\$358.00	\$500.00	\$500.00	\$8.00	\$8.00
12.	TRENCH SAFETY SYSTEM FOR STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	3,587	\$0.10	\$356.70	\$1.00	\$3,587.00	\$0.18	\$642.06
13.	CONTRACTOR SHALL CONSTRUCT AND REMOVE A TEMPORARY COFFER DAM, OR STORM PLUG, FOR PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER (AS DIRECTED BY ENGINEER), INCLUDES BYPASS PUMPING, COMPLETE IN PLACE	EA	1	\$7,673.00	\$7,673.00	\$500.00	\$500.00	\$8.00	\$8.00
14.	CLEAN OUT EXISTING OUTFALL PIPES, COMPLETE IN PLACE	EA	1	\$2,558.00	\$2,558.00	\$250.00	\$250.00	\$8.00	\$8.00
15.	VIDEO INSPECTION OF STORM SEWER, ALL SIZES, INCLUDES DIGITAL COPY, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	3,587	\$3.00	\$10,701.00	\$0.01	\$35.67	\$0.01	\$35.67
16.	ADDITIONAL COST FOR STORM SEWER BEDDING FOR UNSATISFACTORY SOIL CONDITIONS, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	1,000	\$15.00	\$15,000.00	\$15.00	\$15,000.00	\$15.00	\$15,000.00
17.	DEWATERING FOR STORM SEWER, (AS DIRECTED BY 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					\$428,251.70		\$420,150.67		\$413,482.69
MISCELLANEOUS ITEMS									
1.	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE (SILT BARRIER FENCING), COMPLETE IN PLACE	LF	11,229	\$1.00	\$11,229.00	\$1.00	\$11,229.00	\$1.00	\$11,229.00
2.	INSTALL AND MAINTAIN STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	EA	1	\$1,535.00	\$1,535.00	\$200.00	\$200.00	\$800.00	\$800.00
3.	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING INSPECTIONS, MAINTENANCE OF FILTER FABRIC AND STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	LS	1	\$1,535.00	\$1,535.00	\$800.00	\$800.00	\$800.00	\$800.00
4.	INSTALL, MAINTAIN, AND REMOVE CONCRETE TRUCK WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$767.00	\$767.00	\$50.00	\$50.00	\$8.00	\$8.00
5.	ADDITIONAL COST FOR UNSATISFACTORY SOIL CONDITIONS FOR MANHOLES, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	52	\$12.00	\$624.00	\$12.00	\$624.00	\$12.00	\$624.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6.	INLET PROTECTION BARRIER FOR STAGE II INLET. (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	EA	30	\$51.00	\$1,530.00	\$5.00	\$150.00	\$1.00	\$30.00
7.	BROADCASTING SEEDING FOR R.O.W., INCLUDES FERTILIZING AND WATERING TO ACHIEVE 90% HOMOGENOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	5	\$716.00	\$3,580.00	\$300.00	\$1,500.00	\$1.00	\$5.00
8.	EXTRA CEMENT STABILIZED SAND PER GEOTECHNICAL REPORT (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00
9.	UTILITY SPOILS, INCLUDES HAULING EXCAVATED MATERIAL ON-SITE, STRIPPING, STOCKPILE OF STRIPPINGS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, FINAL GRADING, AND REAPPLICATION OF STRIPPINGS, COMPLETE IN PLACE.	LS	1	\$30,921.00	\$30,921.00	\$2,500.00	\$2,500.00	\$88.00	\$88.00
10.	WOOD MATS AT LOCATIONS WHERE THE CONTRACTOR CROSSES EXISTING PIPELINES, AS REQUIRED BY EACH PIPELINE'S REPRESENTATIVES, COMPLETE IN PLACE.	LS	1	\$2,558.00	\$2,558.00	\$500.00	\$500.00	\$888.00	\$888.00
SUBTOTAL MISCELLANEOUS ITEMS					\$56,279.00		\$19,553.00		\$16,472.00
OFFSITE WATER LINE BID ITEMS									
1.	12" PVC WATER RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	2,264	\$34.00	\$76,976.00	\$44.00	\$99,616.00	\$39.98	\$90,514.72
2.	TRENCH SAFETY SYSTEM, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	2,166	\$0.10	\$216.60	\$1.00	\$2,166.00	\$0.08	\$173.28
3.	12" AWWA GATE VALVE AND BOX WITH RESTRAINED JOINTS, COMPLETE IN PLACE	EA	4	\$1,742.00	\$6,968.00	\$2,100.00	\$8,400.00	\$1,742.88	\$6,971.52
4.	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, FITTINGS, 6" GATE VALVE AND BOX, LEAD PIPE, AND FIRE HYDRANT UNIT, COMPLETE IN PLACE	EA	4	\$2,992.00	\$11,968.00	\$3,900.00	\$15,600.00	\$3,768.00	\$15,072.00
5.	12" PLUG AND CLAMP, COMPLETE IN PLACE	EA	1	\$107.00	\$107.00	\$300.00	\$300.00	\$298.00	\$298.00
6.	2" BLOW-OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	1	\$409.00	\$409.00	\$465.00	\$465.00	\$578.00	\$578.00
7.	DRY AUGER FOR 12" WATER LINE (EXCLUDES CARRIER PIPE), INCLUDES BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	47	\$62.00	\$2,914.00	\$90.00	\$4,230.00	\$268.00	\$12,596.00
8.	20" STEEL CASING FOR 12" WATER LINE, INCLUDES SPACERS AND END SEALS, COMPLETE IN PLACE	LF	181	\$73.00	\$13,213.00	\$85.00	\$15,385.00	\$58.00	\$10,498.00
9.	DRY AUGER FOR 20" STEEL CASING (EXCLUDES CASING & CARRIER PIPE), INCLUDES BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	50	\$137.00	\$6,850.00	\$140.00	\$7,000.00	\$268.00	\$13,400.00
10.	16"x12" TAPPING SLEEVE AND VALVE AND BOX, COMPLETE IN PLACE	EA	1	\$5,170.00	\$5,170.00	\$5,500.00	\$5,500.00	\$5,000.00	\$5,000.00
11.	REGRADE AND RESEED EXISTING ROADSIDE DITCH, COMPLETE IN PLACE	LF	2,300	\$1.00	\$2,300.00	\$3.00	\$6,900.00	\$1.58	\$3,634.00
12.	INSTALL, MAINTAIN, AND REMOVE REINFORCED FILTER FABRIC FENCE (SILT BARRIER FENCING), COMPLETE IN PLACE	LF	1,345	\$1.00	\$1,345.00	\$1.00	\$1,345.00	\$1.00	\$1,345.00
13.	TEMPORARY TRAFFIC CONTROL PLAN, COMPLETE IN PLACE	LS	1	\$2,558.00	\$2,558.00	\$1,500.00	\$1,500.00	\$1,888.00	\$1,888.00
SUBTOTAL OFFSITE WATER LINE BID ITEMS					\$130,994.60		\$168,407.00		\$161,968.52

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
FORCE MAIN BID ITEMS									
1.	6" PVC FORCE MAIN, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES FITTINGS & BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	3,653	\$15.00	\$54,795.00	\$16.00	\$58,448.00	\$16.88	\$61,662.64
2.	6" PVC FORCE MAIN, C-900, DR 18, CLASS 235, RESTRAINED JOINT PIPE, ALL DEPTHS, INCLUDES RESTRAINED JOINT FITTINGS & BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,108	\$20.00	\$22,160.00	\$20.00	\$22,160.00	\$38.88	\$43,079.04
3.	6" PVC FORCE MAIN, C-900, DR 14, CLASS 305, RESTRAINED JOINT PIPE, ALL DEPTHS, INCLUDES RESTRAINED JOINT FITTINGS & BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	55	\$21.00	\$1,155.00	\$45.00	\$2,475.00	\$49.88	\$2,743.40
4.	TRENCH SAFETY SYSTEM FOR FORCE MAIN, ALL DEPTHS AND SIZES, COMPLETE IN PLACE	LF	4,100	\$0.10	\$410.00	\$1.00	\$4,100.00	\$0.18	\$738.00
5.	12" STEEL CASING FOR 6" FORCE MAIN, INCLUDES SPACERS AND END SEALS, COMPLETE IN PLACE	LF	661	\$32.50	\$21,482.50	\$45.00	\$29,745.00	\$34.00	\$22,474.00
6.	DRY AUGER FOR 12" STEEL CASING (EXCLUDES CARRIER PIPE) UNDER PIPELINES, INCLUDES BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	392	\$115.00	\$45,080.00	\$65.00	\$25,480.00	\$178.00	\$69,776.00
7.	FORCE MAIN AIR RELEASE VALVE WITH ISOLATION VALVE AND BOX AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	3	\$15,561.00	\$46,683.00	\$14,000.00	\$42,000.00	\$14,288.00	\$42,864.00
8.	AIR RELEASE VALVE MANHOLE FOR 6" FORCE MAIN, ALL DEPTHS, INCLUDES INFLOW PROTECTORS, COMPLETE IN PLACE	EA	3	\$4,358.00	\$13,074.00	\$6,000.00	\$18,000.00	\$11,188.00	\$33,564.00
9.	REMOVE AND OFFSITE DISPOSAL OF EXISTING FORCE MAIN PLUG AND CONNECT EXISTING 6" FORCE MAIN TO PROPOSED 6" FORCE MAIN, OR 6" SANITARY SEWER PLUG, INCLUDES 3" PVC MARKER TO 1 FT ABOVE NATURAL GROUND, COMPLETE IN PLACE	EA	2	\$1,637.00	\$3,274.00	\$350.00	\$700.00	\$988.00	\$1,976.00
10.	INSTALL, MAINTAIN, AND REMOVE REINFORCED FILTER FABRIC FENCE (SILT BARRIER FENCING), COMPLETE IN PLACE	LF	4,200	\$1.00	\$4,200.00	\$1.00	\$4,200.00	\$1.00	\$4,200.00
11.	INSTALL, MAINTAIN AND REMOVE STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	EA	1	\$1,535.00	\$1,535.00	\$200.00	\$200.00	\$800.00	\$800.00
12.	INSTALL, MAINTAIN, AND REMOVE CONCRETE TRUCK WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$1.00	\$1.00	\$50.00	\$50.00	\$8.00	\$8.00
13.	INLET PROTECTION BARRIERS, (SAND BAGS FOR EXISTING INLETS), (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	10	\$51.00	\$510.00	\$5.00	\$50.00	\$1.00	\$10.00
14.	REGRADE AND RESEED EXISTING ROADSIDE DITCH, COMPLETE IN PLACE	LF	3,829	\$1.00	\$3,829.00	\$3.00	\$11,487.00	\$1.88	\$7,198.52
15.	TEMPORARY TRAFFIC CONTROL PLAN, COMPLETE IN PLACE	LS	1	\$2,558.00	\$2,558.00	\$500.00	\$500.00	\$1,800.00	\$1,800.00
16.	BROADCASTING SEEDING FOR DISTURBED AREA, INCLUDES FERTILIZING AND WATERING TO ACHIEVE 90% HOMOGENOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	1	\$716.00	\$716.00	\$300.00	\$300.00	\$8.00	\$8.00
17.	AUGER FOR 12" STEEL CASING (EXCLUDES CARRIER PIPE), INCLUDES BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	269	\$89.00	\$23,941.00	\$90.00	\$24,210.00	\$48.00	\$12,912.00
18.	LIGHT CLEARING & GRUBBING, COMPLETE IN PLACE	AC	1	\$2,058.00	\$2,058.00	\$500.00	\$500.00	\$8.00	\$8.00
SUBTOTAL FORCE MAIN BID ITEMS					\$247,461.50		\$244,606.00		\$305,821.60

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ITEM DESCRIPTION	UNIT	QTY	1) CLEARWATER UTILITIES, INC.		2) TEXASITE, LLC		3) HURTADO CONSTRUCTION COMPANY	
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
BID SUMMARY								
WATER ITEMS				\$168,046.00		\$189,111.00		\$175,676.48
SUBTOTAL SANITARY SEWER ITEMS				\$358,940.00		\$358,019.36		\$345,128.72
SUBTOTAL DRAINAGE FACILITIES ITEMS				\$428,251.70		\$420,150.67		\$413,482.69
SUBTOTAL MISCELLANEOUS ITEMS				\$56,279.00		\$19,553.00		\$16,472.00
SUBTOTAL OFFSITE WATER LINE BID ITEMS				\$130,994.60		\$168,407.00		\$161,968.52
SUBTOTAL FORCE MAIN BID ITEMS				\$247,461.50		\$244,505.00		\$305,821.60
TOTAL AMOUNT BID				\$1,389,972.80		\$1,399,846.03		\$1,418,550.01

LJA Engineering, Inc.

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE BERGAMO VISTA SECTION 1
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495
 CITY OF HOUSTON, HARRIS COUNTY, TEXAS
 MARCH 5, 2020
 LJA ENGINEERING, INC.
 J. RIVERA
 MARCH 5, 2020
 JOB NO. 2450-2011D (9.2)

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

4) D. L. ELLIOTT ENTERPRISES, INC. 5) BLAZEY CONSTRUCTION SERVICES, LLC 6) CROSTEX CONSTRUCTION, INC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER ITEMS									
1.	8" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS & BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	2,605	\$18.00	\$46,890.00	\$19.07	\$49,677.35	\$15.50	\$40,377.50
2.	6" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS & BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	256	\$15.00	\$3,840.00	\$16.11	\$4,124.16	\$13.50	\$3,456.00
3.	4" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS & BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	77	\$13.00	\$1,001.00	\$14.09	\$1,084.93	\$12.00	\$924.00
4.	8" PVC RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	1,228	\$26.00	\$31,928.00	\$32.60	\$40,032.60	\$27.50	\$33,770.00
5.	TRENCH SAFETY SYSTEM, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	4,166	\$1.00	\$4,166.00	\$0.22	\$916.52	\$1.05	\$4,374.30
6.	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	18	\$1,000.00	\$18,000.00	\$879.94	\$15,838.92	\$916.00	\$16,488.00
7.	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, FITTINGS, 6" GATE VALVE AND BOX, LEAD PIPE, AND FIRE HYDRANT UNIT, COMPLETE IN PLACE	EA	10	\$3,900.00	\$39,000.00	\$3,125.00	\$31,250.00	\$3,600.00	\$36,000.00
8.	8" PLUG AND CLAMP, COMPLETE IN PLACE	EA	2	\$100.00	\$200.00	\$191.06	\$382.12	\$100.00	\$200.00
9.	4" PLUG AND CLAMP, COMPLETE IN PLACE	EA	2	\$61.00	\$122.00	\$156.07	\$312.14	\$100.00	\$200.00
10.	2" BLOW-OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	4	\$1,250.00	\$5,000.00	\$385.25	\$1,541.00	\$570.00	\$2,280.00
11.	SHORT SIDE, DOUBLE OR SINGLE SERVICE, 1" (CTS POLYETHYLENE, SDR-9), WATER SERVICE INCLUDES METER BOX, CURB STOP, ALL NECESSARY CONNECTORS AND TAPS, COMPLETE IN PLACE	EA	24	\$700.00	\$16,800.00	\$688.27	\$16,518.48	\$475.00	\$11,400.00
12.	LONG SIDE, DOUBLE OR SINGLE SERVICE, 1" (CTS POLYETHYLENE, SDR-9), WATER SERVICE INCLUDES METER BOX, CURB STOP, ALL NECESSARY CONNECTORS AND TAPS, COMPLETE IN PLACE	EA	19	\$900.00	\$17,100.00	\$865.53	\$16,445.07	\$950.00	\$18,050.00
13.	TRENCH SAFETY SYSTEM FOR 1" WATER SERVICE, ALL DEPTHS, COMPLETE IN PLACE	LF	1,424	\$1.00	\$1,424.00	\$0.22	\$313.28	\$1.05	\$1,495.20
14.	14" STEEL CASING FOR 8" WATER LINE, INCLUDES SPACERS AND END SEALS, COMPLETE IN PLACE	LF	242	\$65.00	\$15,730.00	\$57.25	\$13,854.50	\$60.00	\$14,520.00
WATER ITEMS					\$201,201.00		\$192,291.27		\$183,535.00
SANITARY SEWER ITEMS									
1.	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 0'-8" CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	478	\$21.00	\$10,038.00	\$27.72	\$13,250.16	\$24.75	\$11,630.50
2.	6" PVC SEWER PIPE, ASTM D-2241, SDR 26, 8'-12" CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,144	\$25.00	\$28,600.00	\$28.59	\$32,706.96	\$27.25	\$31,174.00
3.	8" PVC SEWER PIPE, ASTM D-2241, SDR 28, 12'-16" CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	358	\$31.00	\$11,098.00	\$32.09	\$11,488.22	\$30.50	\$10,919.00
4.	8" PVC SEWER PIPE, AWWA C-900, DR-18, CLASS 235, 16'-20' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,388	\$53.00	\$73,564.00	\$60.74	\$84,307.12	\$39.00	\$54,132.00
5.	DRY AUGER FOR 14" STEEL CASING, (EXCLUDES CARRIER PIPE), INCLUDES BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	122	\$110.00	\$13,420.00	\$232.73	\$28,393.06	\$200.00	\$24,400.00

* Denotes mathematical error

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE BERGAMO VISTA SECTION 1
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495
 CITY OF HOUSTON, HARRIS COUNTY, TEXAS
 MARCH 5, 2020
 LJA ENGINEERING, INC.
 J. RIVERA
 MARCH 5, 2020
 JOB NO. 2450-2011D (9.2)

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

4) D. L. ELLIOTT ENTERPRISES, INC. 5) BLAZEY CONSTRUCTION SERVICES, LLC 6) CROSTEX CONSTRUCTION, INC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6.	TRENCH SAFETY SYSTEM FOR SANITARY SEWER, ALL DEPTHS AND SIZES, COMPLETE IN PLACE	LF	5,140	\$1.00	\$5,140.00	\$0.22	\$1,130.80	\$1.10	\$5,654.00
7.	STANDARD SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES. (0'-8' DEPTH), COMPLETE IN PLACE	EA	28	\$2,150.00	\$55,900.00	\$1,959.26	\$50,940.76	\$2,000.00	\$52,000.00
8.	EXTRA VERTICAL DEPTH OF STANDARD SANITARY SEWER MANHOLES (OVER 8' DEPTH), ALL SIZES, COMPLETE IN PLACE	VF	133	\$150.00	\$19,950.00	\$135.31	\$17,996.23	\$200.00	\$26,600.00
9.	STANDARD 4' DIAMETER SANITARY SEWER MANHOLE, SEALED AND VENTED, (0'-8' DEPTH), INCLUDES PROTECTIVE INTERIOR COATING AND ADJUSTMENTS, COMPLETE IN PLACE	EA	2	\$2,800.00	\$5,600.00	\$5,352.69	\$10,705.38	\$8,500.00	\$13,000.00
10.	STANDARD SANITARY SEWER DROP STRUCTURE, ALL SIZES, (0'-2' DROP), COMPLETE IN PLACE	EA	3	\$800.00	\$2,400.00	\$739.70	\$2,219.10	\$500.00	\$1,500.00
11.	EXTRA DEPTH ON SANITARY SEWER DROP (OVER 2' DEPTH), COMPLETE IN PLACE	VF	14	\$30.00	\$420.00	\$20.57	\$287.98	\$50.00	\$700.00
12.	LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEAD, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDES PIPE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	EA	23	\$1,900.00	\$43,700.00	\$2,239.35	\$51,505.05	\$1,655.00	\$38,065.00
13.	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEAD, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDES PIPE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	EA	17	\$1,100.00	\$18,700.00	\$795.35	\$13,520.95	\$795.00	\$13,515.00
14.	REMOVE AND OFFSITE DISPOSAL OF EXISTING SANITARY SEWER PLUG AND CONNECT 10" SANITARY TO PROPOSED MANHOLE, COMPLETE IN PLACE	EA	1	\$170.00	\$170.00	\$1,203.90	\$1,203.90	\$1,500.00	\$1,500.00
15.	VIDEO INSPECTION OF SANITARY SEWER, ALL SIZES, INCLUDES DIGITAL COPY, (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	3,368	\$1.70	\$5,725.60	\$2.00	\$6,736.00	\$1.00	\$3,368.00
16.	CLEANING OF SANITARY SEWER, ALL SIZES, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	3,368	\$0.60	\$2,020.80	\$0.32	\$1,077.76	\$1.00	\$3,368.00
17.	ADDITIONAL COST FOR SANITARY SEWER BEDDING FOR UNSATISFACTORY SOIL CONDITIONS, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	1,000	\$15.00	\$15,000.00	\$15.00	\$15,000.00	\$15.00	\$15,000.00
18.	DEWATERING FOR SANITARY SEWER, ALL SIZES, ALL DEPTHS, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	1,000	\$22.00	\$22,000.00	\$22.00	\$22,000.00	\$22.00	\$22,000.00
19.	14" STEEL CASING FOR 8" SANITARY SEWER, INCLUDES SPACERS AND END SEALS, COMPLETE IN PLACE	LF	122	\$70.00	\$8,540.00	\$63.11	\$7,699.42	\$65.00	\$7,930.00
20.	AUGER FOR 8" SANITARY SEWER (EXCLUDES CARRIER PIPE), INCLUDES BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	26	\$78.00	\$2,028.00	\$74.20	\$1,929.20	\$200.00	\$5,200.00
SUBTOTAL SANITARY SEWER ITEMS					\$344,014.40		\$374,098.06		\$341,856.50
DRAINAGE FACILITIES ITEMS									
1.	24" STORM SEWER LEAD, ASTM C-76, CLASS III, ALL CUTS, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	563	\$54.00	\$30,402.00	\$53.79	\$30,283.77	\$54.25	\$30,542.75
2.	24" STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	1,566	\$54.00	\$84,672.00	\$52.92	\$82,978.56	\$51.75	\$81,144.00
3.	30" STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	742	\$73.00	\$54,166.00	\$64.43	\$47,807.06	\$64.00	\$47,488.00

* Denotes mathematical error

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE BERGAMO VISTA SECTION 1
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495
 CITY OF HOUSTON, HARRIS COUNTY, TEXAS
 MARCH 5, 2020
 LJA ENGINEERING, INC.
 J. RIVERA
 MARCH 5, 2020
 JOB NO. 2450-2011D (9.2)

BID OPENING DATE:
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LJA JOB NO.

4) D. L. ELLIOTT ENTERPRISES, INC. 5) BLAZEY CONSTRUCTION SERVICES, LLC 6) CROSTEX CONSTRUCTION, INC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4.	36" STORM SEWER, ASTM C-76, CLASS III, ALL CUTS. INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	472	\$96.00	\$45,312.00	\$87.65	\$41,370.80	\$87.25	\$41,182.00
5.	48" STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	222	\$145.00	\$32,190.00	\$140.48	\$31,186.56	\$138.00	\$30,636.00
6.	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	21	\$2,500.00	\$52,500.00	\$2,092.41	\$43,940.61	\$2,200.00	\$46,200.00
7.	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 48" TO 72" STORM SEWER OR AS SHOWN IN PLANS, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$7,400.00	\$22,200.00	\$4,012.70	\$12,038.10	\$4,000.00	\$12,000.00
8.	STAGE I – REINFORCED CONCRETE TYPE "C" INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE 1 INLET, COMPLETE IN PLACE	EA	25	\$1,400.00	\$35,000.00	\$1,152.83	\$28,820.75	\$1,800.00	\$45,000.00
9.	STAGE II – REINFORCED CONCRETE TYPE "C" INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	25	\$1,400.00	\$35,000.00	\$1,354.86	\$33,871.50	\$400.00	\$10,000.00
10.	REINFORCED CONCRETE TYPE "E" INLET, ALL SIDES OPEN, COMPLETE IN PLACE	EA	2	\$2,000.00	\$4,000.00	\$2,567.07	\$5,134.14	\$4,000.00	\$8,000.00
11.	REMOVE AND OFFSITE DISPOSAL OF EXISTING 8" BRICK PLUG AND CONNECT 48" RCP TO EXISTING 48" RCP, ALL DEPTHS COMPLETE IN PLACE	EA	1	\$330.00	\$330.00	\$514.17	\$514.17	\$250.00	\$250.00
12.	TRENCH SAFETY SYSTEM FOR STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	3,567	\$1.00	\$3,567.00	\$0.22	\$784.74	\$1.05	\$3,745.35
13.	CONTRACTOR SHALL CONSTRUCT AND REMOVE A TEMPORARY COFFER DAM, OR STORM PLUG, FOR PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER (AS DIRECTED BY ENGINEER), INCLUDES BYPASS PUMPING, COMPLETE IN PLACE	EA	1	\$3,900.00	\$3,900.00	\$6,494.80	\$6,494.80	\$7,500.00	\$7,500.00
14.	CLEAN OUT EXISTING OUTFALL PIPES, COMPLETE IN PLACE	EA	1	\$600.00	\$600.00	\$580.00	\$580.00	\$8,000.00	\$8,000.00
15.	VIDEO INSPECTION OF STORM SEWER, ALL SIZES, INCLUDES DIGITAL COPY, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	3,567	\$3.00	\$10,701.00	\$3.09	\$11,022.03	\$6.00	\$21,402.00
16.	ADDITIONAL COST FOR STORM SEWER BEDDING FOR UNSATISFACTORY SOIL CONDITIONS, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	1,000	\$15.00	\$15,000.00	\$15.00	\$15,000.00	\$15.00	\$15,000.00
17.	DEWATERING FOR STORM SEWER, (AS DIRECTED BY 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					\$451,540.00		\$413,827.59		\$430,090.10
MISCELLANEOUS ITEMS									
1.	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE (SILT BARRIER FENCING), COMPLETE IN PLACE	LF	11,229	\$1.00	\$11,229.00	\$1.25	\$14,036.25	\$1.00	\$11,229.00
2.	INSTALL AND MAINTAIN STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	EA	1	\$1,700.00	\$1,700.00	\$1,623.70	\$1,623.70	\$1,750.00	\$1,750.00
3.	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING INSPECTIONS, MAINTENANCE OF FILTER FABRIC AND STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	LS	1	\$1,700.00	\$1,700.00	\$1,488.39	\$1,488.39	\$790.60	\$790.60
4.	INSTALL, MAINTAIN, AND REMOVE CONCRETE TRUCK WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$700.00	\$700.00	\$568.29	\$568.29	\$750.00	\$750.00
5.	ADDITIONAL COST FOR UNSATISFACTORY SOIL CONDITIONS FOR MANHOLES, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	52	\$12.00	\$624.00	\$12.00	\$624.00	\$12.00	\$624.00

* Denotes mathematical error

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE BERGAMO VISTA SECTION 1
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495
 CITY OF HOUSTON, HARRIS COUNTY, TEXAS
 MARCH 5, 2020
 LJA ENGINEERING, INC.
 J. RIVERA
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4) D. L. ELLIOTT ENTERPRISES, INC. 5) BLAZEY CONSTRUCTION SERVICES, LLC 6) CROSTEX CONSTRUCTION, INC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6.	INLET PROTECTION BARRIER FOR STAGE II INLET, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	EA	30	\$50.00	\$1,500.00	\$59.54	\$1,786.20	\$25.00	\$750.00
7.	BROADCASTING SEEDING FOR R.O.W., INCLUDES FERTILIZING AND WATERING TO ACHIEVE 90% HOMOGENOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	5	\$725.00	\$3,625.00	\$865.97	\$4,329.85	\$500.00	\$2,500.00
8.	EXTRA CEMENT STABILIZED SAND PER GEOTECHNICAL REPORT (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$30.00	\$3,000.00
9.	UTILITY SPOILS, INCLUDES HAULING EXCAVATED MATERIAL ON-SITE, STRIPPING, STOCKPILE OF STRIPPINGS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, FINAL GRADING, AND REAPPLICATION OF STRIPPINGS, COMPLETE IN PLACE.	LS	1	\$10,700.00	\$10,700.00	\$13,335.98	\$13,335.98	\$15,000.00	\$15,000.00
10.	WOOD MATS AT LOCATIONS WHERE THE CONTRACTOR CROSSES EXISTING PIPELINES, AS REQUIRED BY EACH PIPELINE'S REPRESENTATIVES, COMPLETE IN PLACE.	LS	1	\$1,700.00	\$1,700.00	\$4,871.10	\$4,871.10	\$10,000.00	\$10,000.00
SUBTOTAL MISCELLANEOUS ITEMS					\$35,478.00		\$44,663.76		\$46,393.60
OFFSITE WATER LINE BID ITEMS									
1.	12" PVC WATER RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	2,264	\$37.00	\$83,768.00	\$43.99	\$99,593.36	\$51.00	\$115,464.00
2.	TRENCH SAFETY SYSTEM, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	2,166	\$1.00	\$2,166.00	\$0.22	\$476.52	\$1.05	\$2,274.30
3.	12" AWWA GATE VALVE AND BOX WITH RESTRAINED JOINTS, COMPLETE IN PLACE	EA	4	\$1,900.00	\$7,600.00	\$1,764.95	\$7,059.80	\$1,900.00	\$7,600.00
4.	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, FITTINGS, 6" GATE VALVE AND BOX, LEAD PIPE, AND FIRE HYDRANT UNIT, COMPLETE IN PLACE	EA	4	\$4,100.00	\$16,400.00	\$3,482.30	\$13,849.20	\$3,800.00	\$15,200.00
5.	12" PLUG AND CLAMP, COMPLETE IN PLACE	EA	1	\$190.00	\$190.00	\$235.21	\$235.21	\$250.00	\$250.00
6.	2" BLOW-OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	1	\$1,250.00	\$1,250.00	\$277.00	\$277.00	\$570.00	\$570.00
7.	DRY AUGER FOR 12" WATER LINE (EXCLUDES CARRIER PIPE), INCLUDES BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	47	\$145.00	\$6,815.00	\$212.16	\$9,971.52	\$200.00	\$9,400.00
8.	20" STEEL CASING FOR 12" WATER LINE, INCLUDES SPACERS AND END SEALS, COMPLETE IN PLACE	LF	181	\$70.00	\$12,670.00	\$92.17	\$16,682.77	\$80.00	\$10,860.00
9.	DRY AUGER FOR 20" STEEL CASING (EXCLUDES CASING & CARRIER PIPE), INCLUDES BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	50	\$160.00	\$8,000.00	\$233.81	\$11,690.50	\$200.00	\$10,000.00
10.	16"x12" TAPPING SLEEVE AND VALVE AND BOX, COMPLETE IN PLACE	EA	1	\$5,700.00	\$5,700.00	\$5,374.44	\$5,374.44	\$7,500.00	\$7,500.00
11.	REGRADE AND RESEED EXISTING ROADSIDE DITCH, COMPLETE IN PLACE	LF	2,300	\$2.20	\$5,060.00	\$3.39	\$7,797.00	\$3.50	\$8,050.00
12.	INSTALL, MAINTAIN, AND REMOVE REINFORCED FILTER FABRIC FENCE (SILT BARRIER FENCING), COMPLETE IN PLACE	LF	1,345	\$1.00	\$1,345.00	\$1.25	\$1,681.25	\$1.50	\$2,017.50
13.	TEMPORARY TRAFFIC CONTROL PLAN, COMPLETE IN PLACE	LS	1	\$4,500.00	\$4,500.00	\$1,625.00	\$1,625.00	\$3,500.00	\$3,500.00
SUBTOTAL OFFSITE WATER LINE BID ITEMS					\$155,464.00		\$176,313.57		\$192,685.80

* Denotes mathematical error

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CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE BERGAMO VISTA SECTION 1
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495
 CITY OF HOUSTON, HARRIS COUNTY, TEXAS
 MARCH 5, 2020
 LJA ENGINEERING, INC.
 J. RIVERA
 MARCH 5, 2020
 JOB NO. 2450-2011D (9.2)

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

4) D. L. ELLIOTT ENTERPRISES, INC. 5) BLAZEY CONSTRUCTION SERVICES, LLC 6) CROSTEX CONSTRUCTION, INC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
FORCE MAIN BID ITEMS									
1.	6" PVC FORCE MAIN, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES FITTINGS & BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	3,653	\$15.00	\$54,795.00	\$13.27	\$48,475.31	\$21.00	\$76,713.00
2.	6" PVC FORCE MAIN, C-900, DR 18, CLASS 235, RESTRAINED JOINT PIPE, ALL DEPTHS, INCLUDES RESTRAINED JOINT FITTINGS & BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,108	\$23.00	\$25,484.00	\$17.61	\$19,511.88	\$26.00	\$28,808.00
3.	6" PVC FORCE MAIN, C-900, DR 14, CLASS 305, RESTRAINED JOINT PIPE, ALL DEPTHS, INCLUDES RESTRAINED JOINT FITTINGS & BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	55	\$50.00	\$2,750.00	\$20.62	\$1,134.10	\$28.50	\$1,567.50
4.	TRENCH SAFETY SYSTEM FOR FORCE MAIN, ALL DEPTHS AND SIZES, COMPLETE IN PLACE	LF	4,100	\$1.00	\$4,100.00	\$0.22	\$902.00	\$1.05	\$4,305.00
5.	12" STEEL CASING FOR 6" FORCE MAIN, INCLUDES SPACERS AND END SEALS, COMPLETE IN PLACE	LF	861	\$55.00	\$38,355.00	\$99.92	\$66,047.12	\$50.00	\$33,050.00
6.	DRY AUGER FOR 12" STEEL CASING (EXCLUDES CARRIER PIPE) UNDER PIPELINES, INCLUDES BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	392	\$110.00	\$43,120.00	\$244.64	\$95,898.88	\$185.00	\$64,680.00
7.	FORCE MAIN AIR RELEASE VALVE WITH ISOLATION VALVE AND BOX AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	3	\$17,900.00	\$53,700.00	\$9,043.01	\$27,129.03	\$15,000.00	\$45,000.00
8.	AIR RELEASE VALVE MANHOLE FOR 6" FORCE MAIN, ALL DEPTHS, INCLUDES INFLOW PROTECTORS, COMPLETE IN PLACE	EA	3	\$4,960.00	\$14,880.00	\$5,203.49	\$15,610.47	\$10,000.00	\$30,000.00
9.	REMOVE AND OFFSITE DISPOSAL OF EXISTING FORCE MAIN PLUG AND CONNECT EXISTING 6" FORCE MAIN TO PROPOSED 6" FORCE MAIN, OR 6" SANITARY SEWER PLUG, INCLUDES 3" PVC MARKER TO 1 FT ABOVE NATURAL GROUND, COMPLETE IN PLACE	EA	2	\$170.00	\$340.00	\$600.77	\$1,201.54	\$1,000.00	\$2,000.00
10.	INSTALL, MAINTAIN, AND REMOVE REINFORCED FILTER FABRIC FENCE (SILT BARRIER FENCING), COMPLETE IN PLACE	LF	4,200	\$1.00	\$4,200.00	\$1.25	\$5,250.00	\$1.50	\$6,300.00
11.	INSTALL, MAINTAIN AND REMOVE STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	EA	1	\$1,700.00	\$1,700.00	\$1,623.70	\$1,623.70	\$1,750.00	\$1,750.00
12.	INSTALL, MAINTAIN, AND REMOVE CONCRETE TRUCK WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$700.00	\$700.00	\$568.29	\$568.29	\$750.00	\$750.00
13.	INLET PROTECTION BARRIERS, (SAND BAGS FOR EXISTING INLETS), (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	10	\$50.00	\$500.00	\$59.54	\$595.40	\$25.00	\$250.00
14.	REGRADE AND RESEED EXISTING ROADSIDE DITCH, COMPLETE IN PLACE	LF	3,829	\$2.20	\$8,423.80	\$2.86	\$10,950.94	\$3.50	\$13,401.50
15.	TEMPORARY TRAFFIC CONTROL PLAN, COMPLETE IN PLACE	LS	1	\$2,800.00	\$2,800.00	\$1,625.00	\$1,625.00	\$6,000.00	\$6,000.00
16.	BROADCASTING SEEDING FOR DISTURBED AREA, INCLUDES FERTILIZING AND WATERING TO ACHIEVE 90% HOMOGENOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	1	\$725.00	\$725.00	\$865.97	\$865.97	\$500.00	\$500.00
17.	AUGER FOR 12" STEEL CASING (EXCLUDES CARRIER PIPE), INCLUDES BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	269	\$110.00	\$29,590.00	\$44.38	\$11,938.22	\$85.00	\$22,865.00
18.	LIGHT CLEARING & GRUBBING, COMPLETE IN PLACE	AC	1	\$7,500.00	\$7,500.00	\$12,989.59	\$12,989.59	\$7,500.00	\$7,500.00
SUBTOTAL FORCE MAIN BID ITEMS					\$291,662.80		\$322,317.44		\$345,440.00

* Denotes mathematical error

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ITEM DESCRIPTION	UNIT	QTY	4) D. L. ELLIOTT ENTERPRISES, INC.		5) BLAZEY CONSTRUCTION SERVICES, LLC		6) CROSTEX CONSTRUCTION, INC	
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
BID SUMMARY								
WATER ITEMS				\$201,201.00		\$192,291.27		\$183,535.00
SUBTOTAL SANITARY SEWER ITEMS				\$344,014.40		\$374,098.05		\$341,855.50
SUBTOTAL DRAINAGE FACILITIES ITEMS				\$451,540.00		\$413,827.59		\$430,090.10
SUBTOTAL MISCELLANEOUS ITEMS				\$35,478.00		\$44,663.76		\$46,393.60
SUBTOTAL OFFSITE WATER LINE BID ITEMS				\$155,464.00		\$176,313.57		\$182,685.80
SUBTOTAL FORCE MAIN BID ITEMS				\$291,682.80		\$322,317.44		\$345,440.00
TOTAL AMOUNT BID				\$1,479,360.20		\$1,523,511.68		\$1,540,000.00

LJA Engineering, Inc.

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7) BAY UTILITIES, LLC

8) KENNETH LAMB CONSTRUCTION CO., LTD

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER ITEMS							
1.	8" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS & BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	2,605	\$14.00	\$36,470.00	\$23.00	\$59,915.00
2.	6" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS & BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	256	\$11.00	\$2,816.00	\$18.00	\$4,608.00
3.	4" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS & BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	77	\$9.00	\$693.00	\$17.00	\$1,309.00
4.	8" PVC RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	1,228	\$27.00	\$33,156.00	\$42.00	\$51,576.00
5.	TRENCH SAFETY SYSTEM, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	4,166	\$1.00	\$4,166.00	\$2.00	\$8,332.00
6.	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	18	\$940.00	\$16,920.00	\$982.00	\$17,876.00
7.	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, FITTINGS, 6" GATE VALVE AND BOX, LEAD PIPE, AND FIRE HYDRANT UNIT, COMPLETE IN PLACE	EA	10	\$3,200.00	\$32,000.00	\$3,051.00	\$30,510.00
8.	8" PLUG AND CLAMP, COMPLETE IN PLACE	EA	2	\$250.00	\$500.00	\$130.00	\$260.00
9.	4" PLUG AND CLAMP, COMPLETE IN PLACE	EA	2	\$220.00	\$440.00	\$101.00	\$202.00
10.	2" BLOW-OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	4	\$800.00	\$3,200.00	\$992.00	\$3,968.00
11.	SHORT SIDE, DOUBLE OR SINGLE SERVICE, 1" (CTS POLYETHYLENE, SDR-9), WATER SERVICE INCLUDES METER BOX, CURB STOP, ALL NECESSARY CONNECTORS AND TAPS, COMPLETE IN PLACE	EA	24	\$520.00	\$12,480.00	\$584.00	\$14,016.00
12.	LONG SIDE, DOUBLE OR SINGLE SERVICE, 1" (CTS POLYETHYLENE, SDR-9), WATER SERVICE INCLUDES METER BOX, CURB STOP, ALL NECESSARY CONNECTORS AND TAPS, COMPLETE IN PLACE	EA	19	\$840.00	\$15,960.00	\$963.00	\$18,297.00
13.	TRENCH SAFETY SYSTEM FOR 1" WATER SERVICE, ALL DEPTHS, COMPLETE IN PLACE	LF	1,424	\$1.00	\$1,424.00	\$2.00	\$2,848.00
14.	14" STEEL CASING FOR 8" WATER LINE, INCLUDES SPACERS AND END SEALS, COMPLETE IN PLACE	LF	242	\$68.00	\$16,456.00	\$60.00	\$14,520.00
WATER ITEMS					\$176,681.00		\$228,037.00
SANITARY SEWER ITEMS							
1.	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 0'-8' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	478	\$28.00	\$13,384.00	\$24.00	\$11,472.00
2.	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 8'-12' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,144	\$31.00	\$35,464.00	\$28.00	\$32,032.00
3.	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	358	\$36.00	\$12,888.00	\$34.00	\$12,172.00
4.	8" PVC SEWER PIPE, AWWA C-900, DR-18, CLASS 235, 16'-20' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,388	\$43.00	\$59,684.00	\$40.00	\$55,520.00
5.	DRY AUGER FOR 14" STEEL CASING, (EXCLUDES CARRIER PIPE), INCLUDES BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	122	\$290.00	\$35,380.00	\$125.00	\$15,250.00

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7) BAY UTILITIES, LLC

8) KENNETH LAMB CONSTRUCTION CO., LTD

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6.	TRENCH SAFETY SYSTEM FOR SANITARY SEWER, ALL DEPTHS AND SIZES, COMPLETE IN PLACE	LF	5,140	\$1.00	\$5,140.00	\$2.00	\$10,280.00
7.	STANDARD SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (0'-8' DEPTH), COMPLETE IN PLACE	EA	26	\$2,000.00	\$52,000.00	\$2,351.00	\$61,126.00
8.	EXTRA VERTICAL DEPTH OF STANDARD SANITARY SEWER MANHOLES (OVER 8' DEPTH), ALL SIZES, COMPLETE IN PLACE	VF	133	\$100.00	\$13,300.00	\$200.00	\$26,600.00
9.	STANDARD 4' DIAMETER SANITARY SEWER MANHOLE, SEALED AND VENTED, (0'-8' DEPTH), INCLUDES PROTECTIVE INTERIOR COATING AND ADJUSTMENTS, COMPLETE IN PLACE	EA	2	\$5,700.00	\$11,400.00	\$4,101.00	\$8,202.00
10.	STANDARD SANITARY SEWER DROP STRUCTURE, ALL SIZES, (0'-2' DROP), COMPLETE IN PLACE	EA	3	\$650.00	\$1,950.00	\$867.00	\$2,801.00
11.	EXTRA DEPTH ON SANITARY SEWER DROP (OVER 2' DEPTH), COMPLETE IN PLACE	VF	14	\$24.00	\$336.00	\$50.00	\$700.00
12.	LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEAD, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDES PIPE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	EA	23	\$1,300.00	\$29,900.00	\$1,334.00	\$30,882.00
13.	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEAD, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDES PIPE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	EA	17	\$760.00	\$12,920.00	\$614.00	\$10,438.00
14.	REMOVE AND OFFSITE DISPOSAL OF EXISTING SANITARY SEWER PLUG AND CONNECT 10" SANITARY TO PROPOSED MANHOLE, COMPLETE IN PLACE	EA	1	\$530.00	\$530.00	\$150.00	\$150.00
15.	VIDEO INSPECTION OF SANITARY SEWER, ALL SIZES, INCLUDES DIGITAL COPY, (TO BE USED ONLY AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	3,368	\$3.00	\$10,104.00	\$0.01	\$33.68
16.	CLEANING OF SANITARY SEWER, ALL SIZES, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	3,368	\$2.00	\$6,736.00	\$0.01	\$33.68
17.	ADDITIONAL COST FOR SANITARY SEWER BEDDING FOR UNSATISFACTORY SOIL CONDITIONS, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	1,000	\$15.00	\$15,000.00	\$15.00	\$15,000.00
18.	DEWATERING FOR SANITARY SEWER, ALL SIZES, ALL DEPTHS, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	1,000	\$22.00	\$22,000.00	\$22.00	\$22,000.00
19.	14" STEEL CASING FOR 8" SANITARY SEWER, INCLUDES SPACERS AND END SEALS, COMPLETE IN PLACE	LF	122	\$88.00	\$10,736.00	\$60.00	\$7,320.00
20.	AUGER FOR 8" SANITARY SEWER (EXCLUDES CARRIER PIPE), INCLUDES BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	26	\$120.00	\$3,120.00	\$125.00	\$3,250.00
SUBTOTAL SANITARY SEWER ITEMS					\$381,972.00		\$324,882.38
DRAINAGE FACILITIES ITEMS							
1.	24" STORM SEWER LEAD, ASTM C-76, CLASS III, ALL CUTS, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	563	\$51.00	\$28,713.00	\$61.00	\$34,343.00
2.	24" STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	1,568	\$50.00	\$78,400.00	\$54.00	\$84,672.00
3.	30" STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	742	\$65.00	\$48,230.00	\$68.00	\$50,456.00

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7) BAY UTILITIES, LLC

8) KENNETH LAMB CONSTRUCTION CO., LTD

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4.	36" STORM SEWER, ASTM C-76, CLASS III, ALL CUTS. INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	472	\$162.00	\$76,464.00	\$94.00	\$44,368.00
5.	48" STORM SEWER, ASTM C-76, CLASS III, ALL CUTS. INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	222	\$152.00	\$33,744.00	\$145.00	\$32,190.00
6.	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	21	\$2,500.00	\$52,500.00	\$2,001.00	\$42,021.00
7.	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 48" TO 72" STORM SEWER OR AS SHOWN IN PLANS, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$6,800.00	\$20,400.00	\$3,000.00	\$9,000.00
8.	STAGE I – REINFORCED CONCRETE TYPE "C" INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE 1 INLET, COMPLETE IN PLACE	EA	25	\$970.00	\$24,250.00	\$1,051.00	\$26,275.00
9.	STAGE II – REINFORCED CONCRETE TYPE "C" INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	25	\$1,600.00	\$40,000.00	\$1,551.00	\$38,775.00
10.	REINFORCED CONCRETE TYPE "E" INLET, ALL SIDES OPEN, COMPLETE IN PLACE	EA	2	\$1,750.00	\$3,500.00	\$2,001.00	\$4,002.00
11.	REMOVE AND OFFSITE DISPOSAL OF EXISTING 8" BRICK PLUG AND CONNECT 48" RCP TO EXISTING 48" RCP, ALL DEPTHS COMPLETE IN PLACE	EA	1	\$530.00	\$530.00	\$300.00	\$300.00
12.	TRENCH SAFETY SYSTEM FOR STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	3,567	\$1.00	\$3,567.00	\$2.00	\$7,134.00
13.	CONTRACTOR SHALL CONSTRUCT AND REMOVE A TEMPORARY COFFER DAM, OR STORM PLUG, FOR PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER (AS DIRECTED BY ENGINEER), INCLUDES BYPASS PUMPING, COMPLETE IN PLACE	EA	1	\$7,000.00	\$7,000.00	\$5,000.00	\$5,000.00
14.	CLEAN OUT EXISTING OUTFALL PIPES, COMPLETE IN PLACE	EA	1	\$4,800.00	\$4,800.00	\$500.00	\$500.00
15.	VIDEO INSPECTION OF STORM SEWER, ALL SIZES, INCLUDES DIGITAL COPY, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	3,567	\$3.00	\$10,701.00	\$0.01	\$35.67
16.	ADDITIONAL COST FOR STORM SEWER BEDDING FOR UNSATISFACTORY SOIL CONDITIONS, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	1,000	\$15.00	\$15,000.00	\$15.00	\$15,000.00
17.	DEWATERING FOR STORM SEWER, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	1,000	\$22.00	\$22,000.00	\$22.00	\$22,000.00
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$469,799.00		\$416,071.67
MISCELLANEOUS ITEMS							
1.	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE (SILT BARRIER FENCING), COMPLETE IN PLACE	LF	11,229	\$1.80	\$17,966.40	\$1.00	\$11,229.00
2.	INSTALL AND MAINTAIN STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	EA	1	\$1,700.00	\$1,700.00	\$2,500.00	\$2,500.00
3.	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDING INSPECTIONS, MAINTENANCE OF FILTER FABRIC AND STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	LS	1	\$1,400.00	\$1,400.00	\$3,500.00	\$3,500.00
4.	INSTALL, MAINTAIN, AND REMOVE CONCRETE TRUCK WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$1,200.00	\$1,200.00	\$250.00	\$250.00
5.	ADDITIONAL COST FOR UNSATISFACTORY SOIL CONDITIONS FOR MANHOLES, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	52	\$12.00	\$624.00	\$12.00	\$624.00

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ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6.	INLET PROTECTION BARRIER FOR STAGE II INLET, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	EA	30	\$43.00	\$1,290.00	\$100.00	\$3,000.00
7.	BROADCASTING SEEDING FOR R.O.W., INCLUDES FERTILIZING AND WATERING TO ACHIEVE 90% HOMOGENOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	5	\$800.00	\$4,000.00	\$1,500.00	\$7,500.00
8.	EXTRA CEMENT STABILIZED SAND PER GEOTECHNICAL REPORT (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	100	\$30.00	\$3,000.00	\$20.00	\$2,000.00
9.	UTILITY SPOILS, INCLUDES HAULING EXCAVATED MATERIAL ON-SITE, STRIPPING, STOCKPILE OF STRIPPINGS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, FINAL GRADING, AND REAPPLICATION OF STRIPPINGS, COMPLETE IN PLACE.	LS	1	\$6,600.00	\$6,600.00	\$15,588.00	\$15,588.00
10.	WOOD MATS AT LOCATIONS WHERE THE CONTRACTOR CROSSES EXISTING PIPELINES. AS REQUIRED BY EACH PIPELINE'S REPRESENTATIVES, COMPLETE IN PLACE.	LS	1	\$6,400.00	\$6,400.00	\$5,000.00	\$5,000.00
SUBTOTAL MISCELLANEOUS ITEMS					\$44,180.40		\$51,171.00
OFFSITE WATER LINE BID ITEMS							
1.	12" PVC WATER RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	2,264	\$44.00	\$99,616.00	\$61.00	\$138,104.00
2.	TRENCH SAFETY SYSTEM, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	2,166	\$1.00	\$2,166.00	\$1.00	\$2,166.00
3.	12" AWWA GATE VALVE AND BOX WITH RESTRAINED JOINTS. COMPLETE IN PLACE	EA	4	\$1,900.00	\$7,600.00	\$1,868.00	\$7,472.00
4.	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, FITTINGS, 6" GATE VALVE AND BOX, LEAD PIPE, AND FIRE HYDRANT UNIT. COMPLETE IN PLACE	EA	4	\$3,750.00	\$15,000.00	\$4,116.00	\$16,464.00
5.	12" PLUG AND CLAMP, COMPLETE IN PLACE	EA	1	\$380.00	\$380.00	\$461.00	\$461.00
6.	2" BLOW-OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$1,451.00	\$1,451.00
7.	DRY AUGER FOR 12" WATER LINE (EXCLUDES CARRIER PIPE), INCLUDES BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	47	\$250.00	\$11,750.00	\$126.00	\$5,922.00
8.	20" STEEL CASING FOR 12" WATER LINE, INCLUDES SPACERS AND END SEALS, COMPLETE IN PLACE	LF	181	\$100.00	\$18,100.00	\$75.00	\$13,575.00
9.	DRY AUGER FOR 20" STEEL CASING (EXCLUDES CASING & CARRIER PIPE), INCLUDES BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	50	\$300.00	\$15,000.00	\$58.00	\$2,900.00
10.	16"x12" TAPPING SLEEVE AND VALVE AND BOX. COMPLETE IN PLACE	EA	1	\$7,200.00	\$7,200.00	\$5,086.00	\$5,086.00
11.	REGRADE AND RESEED EXISTING ROADSIDE DITCH, COMPLETE IN PLACE	LF	2,300	\$7.50	\$17,250.00	\$10.00	\$23,000.00
12.	INSTALL, MAINTAIN, AND REMOVE REINFORCED FILTER FABRIC FENCE (SILT BARRIER FENCING), COMPLETE IN PLACE	LF	1,345	\$1.60	\$2,152.00	\$1.00	\$1,345.00
13.	TEMPORARY TRAFFIC CONTROL PLAN, COMPLETE IN PLACE	LS	1	\$8,000.00	\$8,000.00	\$2,500.00	\$2,500.00
SUBTOTAL OFFSITE WATER LINE BID ITEMS					\$208,014.00		\$220,446.00

* Denotes 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 BERGAMO VISTA SECTION 1
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495
 CITY OF HOUSTON, HARRIS COUNTY, TEXAS
 MARCH 5, 2020
 LJA ENGINEERING, INC.
 J. RIVERA
 MARCH 5, 2020
 JOB NO. 2450-2011D (9.2)

7) BAY UTILITIES, LLC

8) KENNETH LAMB CONSTRUCTION CO., LTD

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
FORCE MAIN BID ITEMS							
1.	6" PVC FORCE MAIN, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES FITTINGS & BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	3,653	\$14.00	\$51,142.00	\$21.00	\$76,713.00
2.	6" PVC FORCE MAIN, C-900, DR 18, CLASS 235, RESTRAINED JOINT PIPE, ALL DEPTHS, INCLUDES RESTRAINED JOINT FITTINGS & BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,108	\$19.00	\$21,052.00	\$41.00	\$45,428.00
3.	6" PVC FORCE MAIN, C-900, DR 14, CLASS 305, RESTRAINED JOINT PIPE, ALL DEPTHS, INCLUDES RESTRAINED JOINT FITTINGS & BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	55	\$36.00	\$1,980.00	\$49.00	\$2,695.00
4.	TRENCH SAFETY SYSTEM FOR FORCE MAIN, ALL DEPTHS AND SIZES, COMPLETE IN PLACE	LF	4,100	\$1.00	\$4,100.00	\$1.00	\$4,100.00
5.	12" STEEL CASING FOR 6" FORCE MAIN, INCLUDES SPACERS AND END SEALS, COMPLETE IN PLACE	LF	661	\$81.00	\$53,541.00	\$60.00	\$39,660.00
6.	DRY AUGER FOR 12" STEEL CASING (EXCLUDES CARRIER PIPE) UNDER PIPELINES, INCLUDES BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	392	\$230.00	\$90,160.00	\$140.00	\$54,880.00
7.	FORCE MAIN AIR RELEASE VALVE WITH ISOLATION VALVE AND BOX AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	3	\$22,000.00	\$66,000.00	\$9,000.00	\$27,000.00
8.	AIR RELEASE VALVE MANHOLE FOR 6" FORCE MAIN, ALL DEPTHS, INCLUDES INFLOW PROTECTORS, COMPLETE IN PLACE	EA	3	\$2,000.00	\$6,000.00	\$21,301.00	\$63,903.00
9.	REMOVE AND OFFSITE DISPOSAL OF EXISTING FORCE MAIN PLUG AND CONNECT EXISTING 6" FORCE MAIN TO PROPOSED 6" FORCE MAIN, OR 6" SANITARY SEWER PLUG, INCLUDES 3" PVC MARKER TO 1 FT ABOVE NATURAL GROUND, COMPLETE IN PLACE	EA	2	\$320.00	\$640.00	\$500.00	\$1,000.00
10.	INSTALL, MAINTAIN, AND REMOVE REINFORCED FILTER FABRIC FENCE (SILT BARRIER FENCING), COMPLETE IN PLACE	LF	4,200	\$1.60	\$6,720.00	\$1.00	\$4,200.00
11.	INSTALL, MAINTAIN AND REMOVE STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	EA	1	\$1,700.00	\$1,700.00	\$2,500.00	\$2,500.00
12.	INSTALL, MAINTAIN, AND REMOVE CONCRETE TRUCK WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$1,300.00	\$1,300.00	\$250.00	\$250.00
13.	INLET PROTECTION BARRIERS, (SAND BAGS FOR EXISTING INLETS), (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	10	\$32.00	\$320.00	\$50.00	\$500.00
14.	REGRADE AND RESEED EXISTING ROADSIDE DITCH, COMPLETE IN PLACE	LF	3,829	\$7.50	\$28,717.50	\$10.00	\$38,290.00
15.	TEMPORARY TRAFFIC CONTROL PLAN, COMPLETE IN PLACE	LS	1	\$5,900.00	\$5,900.00	\$5,000.00	\$5,000.00
16.	BROADCASTING SEEDING FOR DISTURBED AREA, INCLUDES FERTILIZING AND WATERING TO ACHIEVE 90% HOMOGENOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	1	\$800.00	\$800.00	\$1,500.00	\$1,500.00
17.	AUGER FOR 12" STEEL CASING (EXCLUDES CARRIER PIPE), INCLUDES BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	269	\$102.00	\$27,438.00	\$130.00	\$34,970.00
18.	LIGHT CLEARING & GRUBBING, COMPLETE IN PLACE	AC	1	\$2,000.00	\$2,000.00	\$6,500.00	\$6,500.00
SUBTOTAL FORCE MAIN BID ITEMS					\$369,510.50		\$409,089.00

* Denotes mathematical error

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
 TO SERVE BERGAMO VISTA SECTION 1
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495
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7) BAY UTILITIES, LLC

8) KENNETH LAMB CONSTRUCTION CO., LTD

ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
BID SUMMARY						
WATER ITEMS				\$176,681.00		\$228,037.00
SUBTOTAL SANITARY SEWER ITEMS				\$351,972.00		\$324,862.36
SUBTOTAL DRAINAGE FACILITIES ITEMS				\$469,799.00		\$418,071.67
SUBTOTAL MISCELLANEOUS ITEMS				\$44,180.40		\$51,171.00
SUBTOTAL OFFSITE WATER LINE BID ITEMS				\$205,014.00		\$220,446.00
SUBTOTAL FORCE MAIN BID ITEMS				\$369,510.50		\$409,089.00
TOTAL AMOUNT BID				\$1,617,156.90		\$1,649,677.03

LJA Engineering, Inc.