

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
TO SERVE GRAND PRAIRIE HIGHLANDS SECTION FOUR  
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 570C  
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS  
MAY 17, 2023  
LJA ENGINEERING, INC.  
C CORTEZ  
MAY 17, 2023  
0386-5040D (9.2)

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

BIDDER'S NAME	TOTAL AMOUNT BID
1) BLAZEY CONSTRUCTION SERVICES LLC	\$1,587,235.24
2) TEXASITE, LLC	\$1,608,990.00
3) UNITAS CONSTRUCTION, INC.	\$1,621,323.30
4) DIMAS BROS. CONSTRUCTION	\$1,661,569.05
5) FELLERS AND CLARK LP	\$1,671,500.00
6) KENNETH LAMB CONSTRUCTION CO.,LTD.	\$1,692,146.00
7) R CONSTRUCTION CIVIL, LLC	\$1,747,998.52

CALENDAR DAYS 55/65

*Carissa M. Fabian*

I, Carissa Fabian, P.E., hereby certify these bid tabulations to be true and correct.



*Carissa M. Fabian*  
5/18/23

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ITEM	DESCRIPTION	UNIT	QTY	1) BLAZEY CONSTRUCTION SERVICES LLC		2) TEXASITE, LLC		3) UNITAS CONSTRUCTION, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>SECTION 4 – WATER ITEMS (INTERNAL)</b>									
1	8" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	1597	\$16.60	\$26,510.20	\$35.00	\$55,895.00	\$33.00	\$52,701.00
2	8" PVC WATER LINE, C-900, DR 14, CLASS 305, RESTRAINED JOINT, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	826	\$34.00	\$28,084.00	\$50.00	\$41,300.00	\$49.50	\$40,887.00
3	12" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	495	\$45.00	\$22,275.00	\$61.00	\$30,195.00	\$59.00	\$29,205.00
4	12" PVC WATER LINE, C-900, DR 14, CLASS 305, RESTRAINED JOINT, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	111	\$86.00	\$9,546.00	\$99.00	\$10,989.00	\$100.00	\$11,100.00
5	TRENCH SAFETY SYSTEM, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	3029	\$0.30	\$908.70	\$1.00	\$3,029.00	\$0.10	\$302.90
6	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	986	\$1.70	\$1,676.20	\$2.00	\$1,972.00	\$2.00	\$1,972.00
7	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	6	\$1,685.00	\$10,110.00	\$1,700.00	\$10,200.00	\$1,680.00	\$10,080.00
8	12" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	2	\$3,128.00	\$6,256.00	\$3,100.00	\$6,200.00	\$3,145.00	\$6,290.00
9	8" PLUG AND CLAMP WITH 2" BLOW OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	2	\$1,546.00	\$3,092.00	\$1,700.00	\$3,400.00	\$580.00	\$1,160.00
10	12" PLUG AND CLAMP WITH 2" BLOW OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	1	\$1,679.00	\$1,679.00	\$1,700.00	\$1,700.00	\$685.00	\$685.00
11	WET CONNECTION OF PROPOSED 8" WATERLINE TO EXISTING 8" WATERLINE INCLUDES FITTINGS, ALL ADAPTERS AND CONNECTORS NECESSARY, AND REMOVAL AND DISPOSAL, OF EXISTING PLUG AND CLAMP AND 2" BLOW OFF VALVE AND BOX (ALL DEPTHS), COMPLETE IN PLACE	EA	1	\$890.00	\$890.00	\$400.00	\$400.00	\$3,270.00	\$3,270.00
12	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, FITTINGS, 6" GATE VALVE AND BOX, 6" LEAD AND FIRE HYDRANT, BEDDING AND BACKFILL AND TRENCH SAFETY, COMPLETE IN PLACE	EA	7	\$5,010.00	\$35,070.00	\$4,800.00	\$33,600.00	\$4,380.00	\$30,660.00
13	ADDITIONAL CAST IRON FITTINGS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	TON	2	\$317.00	\$634.00	\$1.00	\$2.00	\$1.00	\$2.00
<b>SECTION 4 – WATER ITEMS (INTERNAL) SUBTOTAL:</b>					<b>\$146,731.10</b>		<b>\$198,882.00</b>		<b>\$188,314.90</b>
<b>SECTION 4 - WATER ITEMS (TRUNK)</b>									
1	12" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	513	\$47.50	\$24,367.50	\$59.00	\$30,267.00	\$60.85	\$31,216.05
2	12" PVC WATER LINE, C-900, DR 14, CLASS 305, RESTRAINED JOINT, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	74	\$94.00	\$6,956.00	\$102.00	\$7,548.00	\$98.60	\$7,296.40
3	TRENCH SAFETY SYSTEM, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	587	\$0.30	\$176.10	\$1.00	\$587.00	\$0.10	\$58.70

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	230	\$1.70	\$391.00	\$2.00	\$460.00	\$2.00	\$460.00
5	WET CONNECTION OF PROPOSED 12" WATERLINE TO EXISTING 12" WATERLINE INCLUDES FITTINGS, ALL ADAPTERS AND CONNECTORS NECESSARY, AND REMOVAL AND DISPOSAL, OF EXISTING PLUG AND CLAMP AND 2" BLOW OFF VALVE AND BOX (ALL DEPTHS), COMPLETE IN PLACE	EA	1	\$1,124.00	\$1,124.00	\$700.00	\$700.00	\$370.00	\$370.00
6	12" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	1	\$3,123.00	\$3,123.00	\$3,200.00	\$3,200.00	\$3,150.00	\$3,150.00
<b>SECTION 4 - WATER ITEMS (TRUNK) SUBTOTAL:</b>					<b>\$36,137.60</b>	<b>\$42,762.00</b>	<b>\$42,551.15</b>		
<b>SECTION 4 - SANITARY SEWER ITEMS (INTERNAL)</b>									
1	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 0'-12' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1098	\$21.70	\$23,826.60	\$37.00	\$40,626.00	\$37.50	\$41,175.00
2	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1595	\$26.00	\$41,470.00	\$39.00	\$62,205.00	\$39.25	\$62,603.75
3	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 16'-20' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	250	\$34.00	\$8,500.00	\$43.00	\$10,750.00	\$46.70	\$11,675.00
4	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	1812	\$1.70	\$3,080.40	\$2.00	\$3,624.00	\$2.00	\$3,624.00
5	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4011	\$0.30	\$1,203.30	\$1.00	\$4,011.00	\$0.10	\$401.10
6	STANDARD 4' DIAMETER SANITARY SEWER MANHOLE (0' - 8' DEPTH), INCLUDES INFLOW PROTECTORS AND FINAL GRADE ADJUSTMENTS, COMPLETE IN PLACE	EA	15	\$2,648.00	\$39,720.00	\$2,700.00	\$40,500.00	\$1,895.00	\$28,425.00
7	STANDARD MANHOLE VENT FOR SEALED SANITARY SEWER MANHOLE, COMPLETE IN PLACE	EA	1	\$3,026.00	\$3,026.00	\$4,600.00	\$4,600.00	\$5,015.00	\$5,015.00
8	EXTRA VERTICAL DEPTH FOR 4' DIAMETER SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	60	\$167.00	\$10,020.00	\$171.00	\$10,260.00	\$180.00	\$10,800.00
9	8" SANITARY SEWER PLUG, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$155.00	\$310.00	\$192.00	\$384.00	\$105.00	\$210.00
10	SHORT SIDE SINGLE OR DOUBLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, RISER/STACK, WYE, PLUG, MARKER, MANHOLE DROPS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	28	\$1,435.00	\$40,180.00	\$1,200.00	\$33,600.00	\$1,105.00	\$30,940.00
11	LONG SIDE SINGLE OR DOUBLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, RISER/STACK, WYE, PLUG, MARKER, MANHOLE DROPS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	1068	\$68.50	\$73,158.00	\$45.00	\$48,060.00	\$38.50	\$41,118.00
12	ADDITIONAL COST FOR WATER AND SANITARY SEWER CROSSINGS, ALL DEPTHS, INCLUDES UPGRADE TO 20' SECTION FOR RESTRAINED JOINT AWWA C900 DR 14 PIPE FOR BOTH WATER AND SANITARY SEWER LINES WHERE APPLICABLE AND RESTRAINED JOINT FITTINGS, INCLUDING CEMENT STABILIZED BACKFILL, COMPLETE IN PLACE	EA	3	\$2,620.00	\$7,860.00	\$100.00	\$300.00	\$1,555.00	\$4,665.00
13	DEWATERING FOR SANITARY SEWER, ALL SIZES, ALL DEPTHS, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	2005	\$20.00	\$40,100.00	\$20.00	\$40,100.00	\$20.00	\$40,100.00

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14	VIDEO INSPECTION OF SANITARY SEWER, ALL SIZES, INCLUDES DIGITAL COPY, COMPLETE IN PLACE	LS	1	\$6,616.00	\$6,616.00	\$450.00	\$450.00	\$6,180.00	\$6,180.00
15	EXTRA CEMENT STABILIZED SAND (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$15.00	\$750.00	\$15.00	\$750.00	\$15.00	\$750.00
<b>SECTION 4 - SANITARY SEWER ITEMS (INTERNAL) SUBTOTAL:</b>					<b>\$299,820.30</b>		<b>\$300,220.00</b>		<b>\$287,681.85</b>
<b>SECTION 4 - SANITARY SEWER ITEMS (TRUNK)</b>									
1	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 0'-12' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	14	\$22.00	\$308.00	\$34.00	\$476.00	\$37.50	\$525.00
2	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 16'-20' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	338	\$34.00	\$11,492.00	\$39.00	\$13,182.00	\$46.70	\$15,784.60
3	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 20'+ CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	290	\$60.00	\$17,400.00	\$48.00	\$13,920.00	\$71.90	\$20,851.00
4	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	242	\$1.70	\$411.40	\$2.00	\$484.00	\$2.00	\$484.00
5	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	642	\$0.30	\$192.60	\$1.00	\$642.00	\$0.10	\$64.20
6	STANDARD 4' DIAMETER SANITARY SEWER MANHOLE (0' - 8' DEPTH), INCLUDES INFLOW PROTECTORS AND FINAL GRADE ADJUSTMENTS, COMPLETE IN PLACE	EA	4	\$2,774.00	\$11,096.00	\$2,700.00	\$10,800.00	\$1,865.00	\$7,460.00
7	EXTRA VERTICAL DEPTH FOR 4' DIAMETER SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	44	\$167.00	\$7,348.00	\$171.00	\$7,524.00	\$180.00	\$7,920.00
8	STANDARD SANITARY SEWER MANHOLE EXTERNAL DROP STRUCTURE, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,158.00	\$1,158.00	\$700.00	\$700.00	\$575.00	\$575.00
9	REMOVAL AND OFFSITE DISPOSAL OF EXISTING 8" PLUG AND CONNECT PROPOSED 8" SANITARY SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,173.00	\$1,173.00	\$200.00	\$200.00	\$265.00	\$265.00
10	ADDITIONAL COST FOR WATER AND SANITARY SEWER CROSSINGS, ALL DEPTHS, INCLUDES UPGRADE TO 20' SECTION FOR RESTRAINED JOINT AWWA C900 DR 14 PIPE FOR BOTH WATER AND SANITARY SEWER LINES WHERE APPLICABLE AND RESTRAINED JOINT FITTINGS, INCLUDING CEMENT STABILIZED BACKFILL, COMPLETE IN PLACE	EA	1	\$1,558.00	\$1,558.00	\$1,800.00	\$1,800.00	\$1,555.00	\$1,555.00
11	DEWATERING FOR SANITARY SEWER, ALL SIZES, ALL DEPTHS, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	321	\$20.00	\$6,420.00	\$20.00	\$6,420.00	\$20.00	\$6,420.00
12	8" SANITARY SEWER PLUG, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$155.00	\$155.00	\$200.00	\$200.00	\$100.00	\$100.00
<b>SECTION 4 - SANITARY SEWER ITEMS (TRUNK) SUBTOTAL:</b>					<b>\$58,712.00</b>		<b>\$56,348.00</b>		<b>\$62,003.80</b>

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<b>SECTION 4 - DRAINAGE FACILITIES ITEMS</b>									
1	24" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	1088	\$74.00	\$80,512.00	\$76.00	\$82,688.00	\$76.00	\$82,688.00
2	30" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	16	\$94.00	\$1,504.00	\$99.00	\$1,584.00	\$100.00	\$1,600.00
3	36" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	548	\$134.00	\$73,432.00	\$138.00	\$75,624.00	\$156.00	\$85,488.00
4	42" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	180	\$182.00	\$32,760.00	\$206.00	\$37,080.00	\$183.00	\$32,940.00
5	60" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	782	\$378.00	\$295,596.00	\$402.00	\$314,364.00	\$340.00	\$265,880.00
6	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	3938	\$1.70	\$6,694.60	\$2.00	\$7,876.00	\$2.00	\$7,876.00
7	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	EA	2614	\$0.26	\$679.64	\$1.00	\$2,614.00	\$0.10	\$261.40
8	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	12	\$3,971.00	\$47,652.00	\$3,200.00	\$38,400.00	\$3,720.00	\$44,640.00
9	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 48" STORM SEWER AND GREATER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	5	\$9,741.00	\$48,705.00	\$3,600.00	\$18,000.00	\$19,015.00	\$95,075.00
10	8" BRICK PLUG FOR 60" RCP STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$47.00	\$47.00	\$1,000.00	\$1,000.00	\$1,050.00	\$1,050.00
11	STAGE I - REINFORCED CONCRETE 5' TYPE C INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE 1 INLET, COMPLETE IN PLACE	EA	18	\$1,653.00	\$29,754.00	\$1,700.00	\$30,600.00	\$1,000.00	\$18,000.00
12	STAGE II - REINFORCED CONCRETE 5' TYPE C INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	18	\$1,813.00	\$32,634.00	\$2,100.00	\$37,800.00	\$1,325.00	\$23,850.00
13	STAGE I - REINFORCED CONCRETE 10' INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE 1 INLET, COMPLETE IN PLACE	EA	3	\$1,747.00	\$5,241.00	\$1,700.00	\$5,100.00	\$1,115.00	\$3,345.00
14	STAGE II - REINFORCED CONCRETE 10' INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$2,127.00	\$6,381.00	\$2,600.00	\$7,800.00	\$2,810.00	\$8,430.00
15	OUTFALL STRUCTURE FOR 60" RCP, INCLUDES SLOPE PAVING AND RIP RAP, COMPLETE IN PLACE	EA	1	\$12,296.00	\$12,296.00	\$11,500.00	\$11,500.00	\$5,250.00	\$5,250.00
16	ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES & DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$15.00	\$750.00	\$15.00	\$750.00	\$15.00	\$750.00
17	EXTRA CEMENT STABILIZED SAND (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$15.00	\$750.00	\$15.00	\$750.00	\$15.00	\$750.00
18	4" REINFORCED CONCRETE SLOPE PAVING, TO INCLUDE 24" TOE AROUND PERIMETER OF SLOPE PAVING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$183.00	\$9,150.00	\$1.00	\$50.00	\$80.00	\$4,000.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
19	18" RIP RAP, (GRADE 1) WITH 8" TOP SOIL, (TO BE USED AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$90.00	\$4,500.00	\$1.00	\$50.00	\$75.00	\$3,750.00
20	AS-BUILT SURVEY FOR ALL LOT CORNERS, BUILDING LINE, BACK OF PAD AND BACK OF LOT, INCLUDES A CERTIFIED EXHIBIT AND AN AUTOCAD FILE OF SURVEY, COORDINATE WITH LJA SURVEYING INC., AARON G. FERGUSON, 713.953.5196, COMPLETE IN PLACE	LS	1	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00
21	FULL CONSTRUCTION STAKING FOR SECTION 4 ITEMS, COORDINATE WITH COORDINATE WITH LJA SURVEYING INC., AARON G. FERGUSON, 713.953.5196, COMPLETE IN PLACE	LS	1	\$12,500.00	\$12,500.00	\$12,500.00	\$12,500.00	\$12,500.00	\$12,500.00
<b>SECTION 4 - DRAINAGE FACILITIES ITEMS SUBTOTAL:</b>					<b>\$709,038.24</b>		<b>\$693,630.00</b>		<b>\$705,623.40</b>
<b>SECTION 4 - OFFSITE DRAINAGE FACILITIES ITEMS</b>									
1	24" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	32	\$74.00	\$2,368.00	\$77.00	\$2,464.00	\$77.00	\$2,464.00
2	36" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	8	\$134.00	\$1,072.00	\$138.00	\$1,104.00	\$146.00	\$1,168.00
3	42" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	474	\$182.00	\$86,268.00	\$185.00	\$87,690.00	\$185.00	\$87,690.00
4	48" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	588	\$219.00	\$128,772.00	\$220.00	\$129,360.00	\$225.00	\$132,300.00
5	54" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	140	\$324.00	\$45,360.00	\$323.00	\$45,220.00	\$309.00	\$43,260.00
6	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	2138	\$1.70	\$3,634.60	\$2.00	\$4,276.00	\$2.00	\$4,276.00
7	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	EA	1242	\$0.30	\$372.60	\$1.00	\$1,242.00	\$0.10	\$124.20
8	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$5,576.00	\$11,152.00	\$3,200.00	\$6,400.00	\$5,250.00	\$10,500.00
9	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 48" STORM SEWER AND GREATER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$8,067.00	\$32,268.00	\$3,600.00	\$14,400.00	\$7,380.00	\$29,520.00
10	8" BRICK PLUG FOR 24" RCP STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$47.00	\$188.00	\$300.00	\$1,200.00	\$800.00	\$3,200.00
11	8" BRICK PLUG FOR 36" RCP STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$47.00	\$47.00	\$350.00	\$350.00	\$1,050.00	\$1,050.00
12	OUTFALL STRUCTURE FOR 54" RCP, INCLUDES SLOPE PAVING AND RIP RAP, COMPLETE IN PLACE	EA	1	\$6,775.00	\$6,775.00	\$11,000.00	\$11,000.00	\$5,250.00	\$5,250.00
<b>SECTION 4 - OFFSITE DRAINAGE FACILITIES ITEMS SUBTOTAL:</b>					<b>\$318,277.20</b>		<b>\$304,706.00</b>		<b>\$320,802.20</b>

**BID TABULATION FOR:**

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

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
 TO SERVE GRAND PRAIRIE HIGHLANDS SECTION FOUR  
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 570C  
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS  
 MAY 17, 2023  
 LJA ENGINEERING, INC.  
 C CORTEZ  
 MAY 17, 2023  
 0386-5040D (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) BLAZEY CONSTRUCTION SERVICES LLC		2) TEXASITE, LLC		3) UNITAS CONSTRUCTION, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>SECTION 4 – STORM WATER POLLUTION PREVENTION PLAN ITEMS</b>									
1	INSTALL, MAINTAIN, AND REMOVE REINFORCED FILTER FABRIC FENCE (SILT BARRIER FENCING), COMPLETE IN PLACE	LF	200	\$2.25	\$450.00	\$2.00	\$400.00	\$1.60	\$320.00
2	STAGE II INLET PROTECTION BARRIER (4 SAND BAGS PER INLET) FOR PROPOSED AND EXISTING INLETS, COMPLETE IN PLACE	EA	21	\$42.00	\$882.00	\$100.00	\$2,100.00	\$52.00	\$1,092.00
3	INSTALL, MAINTAIN, AND REMOVE CONCRETE WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$549.00	\$549.00	\$500.00	\$500.00	\$1,050.00	\$1,050.00
4	INSTALL, MAINTAIN, AND REMOVE STABILIZED CONSTRUCTION EXIT, AND REGRADE AREA TO MATCH FINISHED GRADE, ONLY AT THE DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	EA	1	\$1,568.00	\$1,568.00	\$2,300.00	\$2,300.00	\$1,575.00	\$1,575.00
5	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDES GENERAL SOURCE CONTROLS AND ALL ITEMS NOT SPECIFICALLY LISTED IN THE BID PROPOSAL, COMPLETE IN PLACE	LS	1	\$1,438.00	\$1,438.00	\$1,200.00	\$1,200.00	\$1,050.00	\$1,050.00
6	BROADCAST SEEDING, INCLUDES FERTILIZING AND WATERING, TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	1	\$836.00	\$836.00	\$500.00	\$500.00	\$800.00	\$800.00
7	HYDROMULCH SEEDING AND FINE GRADING, INCLUDES WATERING, TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	1	\$2,405.00	\$2,405.00	\$1,500.00	\$1,500.00	\$1,575.00	\$1,575.00
8	REPAIRS TO MAINTENANCE BERMS AND CHANNEL SIDE SLOPES, INCLUDES REGRADE AND SEEDING (DRY APPLICATION) OF DAMAGED AREAS TO EXISTING OR BETTER CONDITIONS, COMPLETE IN PLACE	SY	814	\$5.70	\$4,639.80	\$3.00	\$2,442.00	\$6.00	\$4,884.00
<b>SECTION 4 – STORM WATER POLLUTION PREVENTION PLAN ITEMS SUBTOTAL:</b>					<b>\$12,767.80</b>		<b>\$10,942.00</b>		<b>\$12,346.00</b>
<b>SECTION 4 - MISCELLANEOUS ITEMS</b>									
1	TEMPORARY TRAFFIC CONTROL DEVICES AS NEEDED FOR THE DURATION OF THE PROJECT, (FLAGGERS, CONES, ETC.), PER TXDOT STANDARDS, INCLUDES INSTALLATION, MAINTENANCE AND REMOVAL.	LS	1	\$5,751.00	\$5,751.00	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00
<b>SECTION 4 - MISCELLANEOUS ITEMS SUBTOTAL:</b>					<b>\$5,751.00</b>		<b>\$1,500.00</b>		<b>\$2,000.00</b>
<b>BIDDING SUMMARY</b>									
SUBTOTAL SECTION 4 – WATER ITEMS (INTERNAL)					\$146,731.10		\$198,882.00		\$188,314.90
SUBTOTAL SECTION 4 - WATER ITEMS (TRUNK)					\$36,137.60		\$42,762.00		\$42,551.15
SUBTOTAL SECTION 4 - SANITARY SEWER ITEMS (INTERNAL)					\$299,820.30		\$300,220.00		\$287,681.85
SUBTOTAL SECTION 4 - SANITARY SEWER ITEMS (TRUNK)					\$58,712.00		\$56,348.00		\$62,003.80
SUBTOTAL SECTION 4 - DRAINAGE FACILITIES ITEMS					\$709,038.24		\$693,630.00		\$705,623.40
SUBTOTAL SECTION 4 - OFFSITE DRAINAGE FACILITIES ITEMS					\$318,277.20		\$304,706.00		\$320,802.20
SUBTOTAL SECTION 4 – STORM WATER POLLUTION PREVENTION PLAN ITEMS					\$12,767.80		\$10,942.00		\$12,346.00
SUBTOTAL SECTION 4 - MISCELLANEOUS ITEMS					\$5,751.00		\$1,500.00		\$2,000.00
<b>TOTAL AMOUNT BASE BID</b>					<b>\$1,587,235.24</b>		<b>\$1,608,990.00</b>		<b>\$1,621,323.30</b>

**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
 TO SERVE GRAND PRAIRIE HIGHLANDS SECTION FOUR  
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 570C  
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS  
 MAY 17, 2023  
 LJA ENGINEERING, INC.  
 C CORTEZ  
 MAY 17, 2023  
 0386-5040D (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) DIMAS BROS. CONSTRUCTION		5) FELLERS AND CLARK LP		6) KENNETH LAMB CONSTRUCTION CO.,LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>SECTION 4 – WATER ITEMS (INTERNAL)</b>									
1	8" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	1597	\$35.75	\$57,092.75	\$41.50	\$66,275.50	\$36.00	\$57,492.00
2	8" PVC WATER LINE, C-900, DR 14, CLASS 305, RESTRAINED JOINT, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	826	\$45.15	\$37,293.90	\$50.15	\$41,423.90	\$59.00	\$48,734.00
3	12" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	495	\$62.15	\$30,764.25	\$77.50	\$38,362.50	\$65.00	\$32,175.00
4	12" PVC WATER LINE, C-900, DR 14, CLASS 305, RESTRAINED JOINT, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	111	\$96.60	\$10,722.60	\$93.70	\$10,400.70	\$106.00	\$11,766.00
5	TRENCH SAFETY SYSTEM, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	3029	\$1.00	\$3,029.00	\$0.15	\$454.35	\$1.00	\$3,029.00
6	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	986	\$3.00	\$2,958.00	\$2.85	\$2,810.10	\$1.00	\$986.00
7	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	6	\$1,595.00	\$9,570.00	\$2,090.05	\$12,540.30	\$1,624.00	\$9,744.00
8	12" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	2	\$2,984.00	\$5,968.00	\$3,805.35	\$7,610.70	\$3,106.00	\$6,212.00
9	8" PLUG AND CLAMP WITH 2" BLOW OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	2	\$855.00	\$1,710.00	\$569.50	\$1,139.00	\$1,127.00	\$2,254.00
10	12" PLUG AND CLAMP WITH 2" BLOW OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	1	\$1,184.00	\$1,184.00	\$569.50	\$569.50	\$1,410.00	\$1,410.00
11	WET CONNECTION OF PROPOSED 8" WATERLINE TO EXISTING 8" WATERLINE INCLUDES FITTINGS, ALL ADAPTERS AND CONNECTORS NECESSARY, AND REMOVAL AND DISPOSAL, OF EXISTING PLUG AND CLAMP AND 2" BLOW OFF VALVE AND BOX (ALL DEPTHS), COMPLETE IN PLACE	EA	1	\$484.00	\$484.00	\$170.85	\$170.85	\$826.00	\$826.00
12	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, FITTINGS, 6" GATE VALVE AND BOX, 6" LEAD AND FIRE HYDRANT, BEDDING AND BACKFILL AND TRENCH SAFETY, COMPLETE IN PLACE	EA	7	\$4,890.00	\$34,230.00	\$5,115.15	\$35,806.05	\$5,396.00	\$37,772.00
13	ADDITIONAL CAST IRON FITTINGS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	TON	2	\$1.00	\$2.00	\$113.90	\$227.80	\$100.00	\$200.00
<b>SECTION 4 – WATER ITEMS (INTERNAL) SUBTOTAL:</b>					<b>\$195,008.50</b>		<b>\$217,791.25</b>		<b>\$212,600.00</b>
<b>SECTION 4 - WATER ITEMS (TRUNK)</b>									
1	12" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	513	\$60.50	\$31,036.50	\$77.50	\$39,757.50	\$62.00	\$31,806.00
2	12" PVC WATER LINE, C-900, DR 14, CLASS 305, RESTRAINED JOINT, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	74	\$80.00	\$5,920.00	\$93.70	\$6,933.80	\$109.00	\$8,066.00
3	TRENCH SAFETY SYSTEM, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	587	\$1.00	\$587.00	\$0.15	\$88.05	\$1.00	\$587.00



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 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 570C  
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS  
 MAY 17, 2023  
 LJA ENGINEERING, INC.  
 C CORTEZ  
 MAY 17, 2023  
 0386-5040D (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) DIMAS BROS. CONSTRUCTION		5) FELLERS AND CLARK LP		6) KENNETH LAMB CONSTRUCTION CO.,LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	230	\$3.00	\$690.00	\$2.85	\$655.50	\$1.00	\$230.00
5	WET CONNECTION OF PROPOSED 12" WATERLINE TO EXISTING 12" WATERLINE INCLUDES FITTINGS, ALL ADAPTERS AND CONNECTORS NECESSARY, AND REMOVAL AND DISPOSAL, OF EXISTING PLUG AND CLAMP AND 2" BLOW OFF VALVE AND BOX (ALL DEPTHS), COMPLETE IN PLACE	EA	1	\$700.00	\$700.00	\$170.85	\$170.85	\$1,160.00	\$1,160.00
6	12" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	1	\$2,984.00	\$2,984.00	\$3,805.35	\$3,805.35	\$3,105.00	\$3,105.00
<b>SECTION 4 - WATER ITEMS (TRUNK) SUBTOTAL:</b>					<b>\$41,917.50</b>		<b>\$51,411.05</b>		<b>\$44,954.00</b>
<b>SECTION 4 - SANITARY SEWER ITEMS (INTERNAL)</b>									
1	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 0'-12' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1098	\$42.35	\$46,500.30	\$49.80	\$54,680.40	\$34.00	\$37,332.00
2	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1595	\$43.75	\$69,781.25	\$49.80	\$79,431.00	\$45.00	\$71,775.00
3	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 16'-20' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	250	\$65.00	\$16,250.00	\$49.80	\$12,450.00	\$60.00	\$15,000.00
4	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	1812	\$3.00	\$5,436.00	\$2.85	\$5,164.20	\$1.00	\$1,812.00
5	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4011	\$1.00	\$4,011.00	\$0.15	\$601.65	\$1.00	\$4,011.00
6	STANDARD 4' DIAMETER SANITARY SEWER MANHOLE (0' - 8' DEPTH), INCLUDES INFLOW PROTECTORS AND FINAL GRADE ADJUSTMENTS, COMPLETE IN PLACE	EA	15	\$3,225.00	\$48,375.00	\$2,589.70	\$38,845.50	\$2,875.00	\$43,125.00
7	STANDARD MANHOLE VENT FOR SEALED SANITARY SEWER MANHOLE, COMPLETE IN PLACE	EA	1	\$3,884.00	\$3,884.00	\$2,562.70	\$2,562.70	\$4,932.00	\$4,932.00
8	EXTRA VERTICAL DEPTH FOR 4' DIAMETER SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	60	\$140.00	\$8,400.00	\$131.00	\$7,860.00	\$220.00	\$13,200.00
9	8" SANITARY SEWER PLUG, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$184.00	\$368.00	\$142.40	\$284.80	\$155.00	\$310.00
10	SHORT SIDE SINGLE OR DOUBLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, RISER/STACK, WYE, PLUG, MARKER, MANHOLE DROPS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	28	\$918.00	\$25,704.00	\$1,218.85	\$34,127.80	\$1,078.00	\$30,184.00
11	LONG SIDE SINGLE OR DOUBLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, RISER/STACK, WYE, PLUG, MARKER, MANHOLE DROPS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	1068	\$50.85	\$54,307.80	\$46.10	\$49,234.80	\$42.00	\$44,856.00
12	ADDITIONAL COST FOR WATER AND SANITARY SEWER CROSSINGS, ALL DEPTHS, INCLUDES UPGRADE TO 20' SECTION FOR RESTRAINED JOINT AWWA C900 DR 14 PIPE FOR BOTH WATER AND SANITARY SEWER LINES WHERE APPLICABLE AND RESTRAINED JOINT FITTINGS, INCLUDING CEMENT STABILIZED BACKFILL, COMPLETE IN PLACE	EA	3	\$100.00	\$300.00	\$341.70	\$1,025.10	\$100.00	\$300.00
13	DEWATERING FOR SANITARY SEWER, ALL SIZES, ALL DEPTHS, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	2005	\$20.00	\$40,100.00	\$20.00	\$40,100.00	\$20.00	\$40,100.00

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ITEM	DESCRIPTION	UNIT	QTY	4) DIMAS BROS. CONSTRUCTION		5) FELLERS AND CLARK LP		6) KENNETH LAMB CONSTRUCTION CO.,LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
14	VIDEO INSPECTION OF SANITARY SEWER, ALL SIZES, INCLUDES DIGITAL COPY, COMPLETE IN PLACE	LS	1	\$1,500.00	\$1,500.00	\$6,311.50	\$6,311.50	\$6,800.00	\$6,800.00
15	EXTRA CEMENT STABILIZED SAND (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$25.00	\$1,250.00	\$15.00	\$750.00	\$15.00	\$750.00
<b>SECTION 4 - SANITARY SEWER ITEMS (INTERNAL) SUBTOTAL:</b>					<b>\$326,167.35</b>		<b>\$333,429.45</b>		<b>\$314,487.00</b>
<b>SECTION 4 - SANITARY SEWER ITEMS (TRUNK)</b>									
1	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 0'-12' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	14	\$43.05	\$602.70	\$49.80	\$697.20	\$31.00	\$434.00
2	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 16'-20' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	338	\$57.00	\$19,266.00	\$49.80	\$16,832.40	\$57.00	\$19,266.00
3	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 20'+ CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	290	\$66.20	\$19,198.00	\$49.80	\$14,442.00	\$82.00	\$23,780.00
4	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	242	\$3.00	\$726.00	\$2.85	\$689.70	\$1.00	\$242.00
5	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	642	\$1.00	\$642.00	\$0.15	\$96.30	\$1.00	\$642.00
6	STANDARD 4' DIAMETER SANITARY SEWER MANHOLE (0' - 8' DEPTH), INCLUDES INFLOW PROTECTORS AND FINAL GRADE ADJUSTMENTS, COMPLETE IN PLACE	EA	4	\$4,150.00	\$16,600.00	\$2,589.70	\$10,358.80	\$3,000.00	\$12,000.00
7	EXTRA VERTICAL DEPTH FOR 4' DIAMETER SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	44	\$140.00	\$6,160.00	\$131.00	\$5,764.00	\$220.00	\$9,680.00
8	STANDARD SANITARY SEWER MANHOLE EXTERNAL DROP STRUCTURE, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$784.00	\$784.00	\$961.30	\$961.30	\$1,063.00	\$1,063.00
9	REMOVAL AND OFFSITE DISPOSAL OF EXISTING 8" PLUG AND CONNECT PROPOSED 8" SANITARY SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$184.00	\$184.00	\$398.65	\$398.65	\$300.00	\$300.00
10	ADDITIONAL COST FOR WATER AND SANITARY SEWER CROSSINGS, ALL DEPTHS, INCLUDES UPGRADE TO 20' SECTION FOR RESTRAINED JOINT AWWA C900 DR 14 PIPE FOR BOTH WATER AND SANITARY SEWER LINES WHERE APPLICABLE AND RESTRAINED JOINT FITTINGS, INCLUDING CEMENT STABILIZED BACKFILL, COMPLETE IN PLACE	EA	1	\$100.00	\$100.00	\$341.70	\$341.70	\$100.00	\$100.00
11	DEWATERING FOR SANITARY SEWER, ALL SIZES, ALL DEPTHS, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	321	\$20.00	\$6,420.00	\$20.00	\$6,420.00	\$20.00	\$6,420.00
12	8" SANITARY SEWER PLUG, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$184.00	\$184.00	\$142.40	\$142.40	\$155.00	\$155.00
<b>SECTION 4 - SANITARY SEWER ITEMS (TRUNK) SUBTOTAL:</b>					<b>\$70,866.70</b>		<b>\$57,144.45</b>		<b>\$74,082.00</b>

**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES  
 TO SERVE GRAND PRAIRIE HIGHLANDS SECTION FOUR  
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 570C  
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS  
 MAY 17, 2023  
 LJA ENGINEERING, INC.  
 C CORTEZ  
 MAY 17, 2023  
 0386-5040D (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) DIMAS BROS. CONSTRUCTION		5) FELLERS AND CLARK LP		6) KENNETH LAMB CONSTRUCTION CO.,LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>SECTION 4 - DRAINAGE FACILITIES ITEMS</b>									
1	24" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	1088	\$86.05	\$93,622.40	\$81.05	\$88,182.40	\$75.00	\$81,600.00
2	30" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	16	\$108.30	\$1,732.80	\$110.75	\$1,772.00	\$96.00	\$1,536.00
3	36" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	548	\$146.15	\$80,090.20	\$138.25	\$75,761.00	\$136.00	\$74,528.00
4	42" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	180	\$192.75	\$34,695.00	\$186.10	\$33,498.00	\$187.00	\$33,660.00
5	60" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	782	\$380.00	\$297,160.00	\$360.70	\$282,067.40	\$403.00	\$315,146.00
6	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	3938	\$3.00	\$11,814.00	\$2.85	\$11,223.30	\$1.00	\$3,938.00
7	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	EA	2614	\$1.00	\$2,614.00	\$0.15	\$392.10	\$1.00	\$2,614.00
8	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	12	\$3,284.00	\$39,408.00	\$3,080.95	\$36,971.40	\$4,700.00	\$56,400.00
9	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 48" STORM SEWER AND GREATER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	5	\$5,208.00	\$26,040.00	\$7,693.80	\$38,469.00	\$7,250.00	\$36,250.00
10	8" BRICK PLUG FOR 60" RCP STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$184.00	\$184.00	\$968.15	\$968.15	\$500.00	\$500.00
11	STAGE I - REINFORCED CONCRETE 5' TYPE C INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE 1 INLET, COMPLETE IN PLACE	EA	18	\$911.00	\$16,398.00	\$1,064.95	\$19,169.10	\$1,300.00	\$23,400.00
12	STAGE II - REINFORCED CONCRETE 5' TYPE C INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	18	\$1,380.00	\$24,840.00	\$2,369.10	\$42,643.80	\$2,110.00	\$37,980.00
13	STAGE I - REINFORCED CONCRETE 10' INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE 1 INLET, COMPLETE IN PLACE	EA	3	\$1,334.00	\$4,002.00	\$1,201.65	\$3,604.95	\$1,300.00	\$3,900.00
14	STAGE II - REINFORCED CONCRETE 10' INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$2,065.00	\$6,195.00	\$2,875.95	\$8,627.85	\$2,810.00	\$8,430.00
15	OUTFALL STRUCTURE FOR 60" RCP, INCLUDES SLOPE PAVING AND RIP RAP, COMPLETE IN PLACE	EA	1	\$11,884.00	\$11,884.00	\$8,542.35	\$8,542.35	\$8,800.00	\$8,800.00
16	ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES & DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$15.00	\$750.00	\$15.00	\$750.00	\$15.00	\$750.00
17	EXTRA CEMENT STABILIZED SAND (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$25.00	\$1,250.00	\$30.00	\$1,500.00	\$15.00	\$750.00
18	4" REINFORCED CONCRETE SLOPE PAVING, TO INCLUDE 24" TOE AROUND PERIMETER OF SLOPE PAVING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$80.00	\$4,000.00	\$100.00	\$5,000.00	\$175.00	\$8,750.00

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 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS  
 MAY 17, 2023  
 LJA ENGINEERING, INC.  
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 0386-5040D (9.2)

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ITEM	DESCRIPTION	UNIT	QTY	4) DIMAS BROS. CONSTRUCTION		5) FELLERS AND CLARK LP		6) KENNETH LAMB CONSTRUCTION CO.,LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
19	18" RIP RAP, (GRADE 1) WITH 8" TOP SOIL, (TO BE USED AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$80.00	\$4,000.00	\$90.00	\$4,500.00	\$110.00	\$5,500.00
20	AS-BUILT SURVEY FOR ALL LOT CORNERS, BUILDING LINE, BACK OF PAD AND BACK OF LOT, INCLUDES A CERTIFIED EXHIBIT AND AN AUTOCAD FILE OF SURVEY, COORDINATE WITH LJA SURVEYING INC., AARON G. FERGUSON, 713.953.5196, COMPLETE IN PLACE	LS	1	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00
21	FULL CONSTRUCTION STAKING FOR SECTION 4 ITEMS, COORDINATE WITH COORDINATE WITH LJA SURVEYING INC., AARON G. FERGUSON, 713.953.5196, COMPLETE IN PLACE	LS	1	\$12,500.00	\$12,500.00	\$12,500.00	\$12,500.00	\$12,500.00	\$12,500.00
<b>SECTION 4 - DRAINAGE FACILITIES ITEMS SUBTOTAL:</b>					<b>\$680,679.40</b>		<b>\$683,642.80</b>		<b>\$724,432.00</b>
<b>SECTION 4 - OFFSITE DRAINAGE FACILITIES ITEMS</b>									
1	24" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	32	\$93.25	\$2,984.00	\$82.20	\$2,630.40	\$72.00	\$2,304.00
2	36" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	8	\$154.50	\$1,236.00	\$137.30	\$1,098.40	\$135.00	\$1,080.00
3	42" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	474	\$211.80	\$100,393.20	\$186.10	\$88,211.40	\$183.00	\$86,742.00
4	48" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	588	\$236.30	\$138,944.40	\$220.00	\$129,360.00	\$220.00	\$129,360.00
5	54" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	140	\$335.70	\$46,998.00	\$310.85	\$43,519.00	\$324.00	\$45,360.00
6	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	2138	\$3.00	\$6,414.00	\$2.85	\$6,093.30	\$1.00	\$2,138.00
7	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	EA	1242	\$1.00	\$1,242.00	\$0.15	\$186.30	\$1.00	\$1,242.00
8	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$2,988.00	\$5,976.00	\$3,080.95	\$6,161.90	\$4,600.00	\$9,200.00
9	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 48" STORM SEWER AND GREATER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$5,684.00	\$22,736.00	\$7,693.80	\$30,775.20	\$5,925.00	\$23,700.00
10	8" BRICK PLUG FOR 24" RCP STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$184.00	\$736.00	\$199.35	\$797.40	\$300.00	\$1,200.00
11	8" BRICK PLUG FOR 36" RCP STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$184.00	\$184.00	\$455.60	\$455.60	\$400.00	\$400.00
12	OUTFALL STRUCTURE FOR 54" RCP, INCLUDES SLOPE PAVING AND RIP RAP, COMPLETE IN PLACE	EA	1	\$7,084.00	\$7,084.00	\$7,972.85	\$7,972.85	\$7,900.00	\$7,900.00
<b>SECTION 4 - OFFSITE DRAINAGE FACILITIES ITEMS SUBTOTAL:</b>					<b>\$334,927.60</b>		<b>\$317,261.75</b>		<b>\$310,626.00</b>

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 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 570C  
 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS  
 MAY 17, 2023  
 LJA ENGINEERING, INC.  
 C CORTEZ  
 MAY 17, 2023  
 0386-5040D (9.2)

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ITEM	DESCRIPTION	UNIT	QTY	4) DIMAS BROS. CONSTRUCTION		5) FELLERS AND CLARK LP		6) KENNETH LAMB CONSTRUCTION CO.,LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>SECTION 4 – STORM WATER POLLUTION PREVENTION PLAN ITEMS</b>									
1	INSTALL, MAINTAIN, AND REMOVE REINFORCED FILTER FABRIC FENCE (SILT BARRIER FENCING), COMPLETE IN PLACE	LF	200	\$2.00	\$400.00	\$1.15	\$230.00	\$1.35	\$270.00
2	STAGE II INLET PROTECTION BARRIER (4 SAND BAGS PER INLET) FOR PROPOSED AND EXISTING INLETS, COMPLETE IN PLACE	EA	21	\$25.00	\$525.00	\$11.40	\$239.40	\$25.00	\$525.00
3	INSTALL, MAINTAIN, AND REMOVE CONCRETE WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$113.90	\$113.90	\$150.00	\$150.00
4	INSTALL, MAINTAIN, AND REMOVE STABILIZED CONSTRUCTION EXIT, AND REGRADE AREA TO MATCH FINISHED GRADE, ONLY AT THE DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$1,708.50	\$1,708.50	\$1,500.00	\$1,500.00
5	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDES GENERAL SOURCE CONTROLS AND ALL ITEMS NOT SPECIFICALLY LISTED IN THE BID PROPOSAL, COMPLETE IN PLACE	LS	1	\$500.00	\$500.00	\$1,993.25	\$1,993.25	\$1,000.00	\$1,000.00
6	BROADCAST SEEDING, INCLUDES FERTILIZING AND WATERING, TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	1	\$800.00	\$800.00	\$797.30	\$797.30	\$950.00	\$950.00
7	HYDROMULCH SEEDING AND FINE GRADING, INCLUDES WATERING, TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	1	\$2,500.00	\$2,500.00	\$1,708.50	\$1,708.50	\$1,500.00	\$1,500.00
8	REPAIRS TO MAINTENANCE BERMS AND CHANNEL SIDE SLOPES, INCLUDES REGRADE AND SEEDING (DRY APPLICATION) OF DAMAGED AREAS TO EXISTING OR BETTER CONDITIONS, COMPLETE IN PLACE	SY	814	\$5.50	\$4,477.00	\$2.85	\$2,319.90	\$5.00	\$4,070.00
<b>SECTION 4 – STORM WATER POLLUTION PREVENTION PLAN ITEMS SUBTOTAL:</b>					<b>\$10,502.00</b>		<b>\$9,110.75</b>		<b>\$9,965.00</b>
<b>SECTION 4 - MISCELLANEOUS ITEMS</b>									
1	TEMPORARY TRAFFIC CONTROL DEVICES AS NEEDED FOR THE DURATION OF THE PROJECT, (FLAGGERS, CONES, ETC.), PER TXDOT STANDARDS, INCLUDES INSTALLATION, MAINTENANCE AND REMOVAL.	LS	1	\$1,500.00	\$1,500.00	\$1,708.50	\$1,708.50	\$1,000.00	\$1,000.00
<b>SECTION 4 - MISCELLANEOUS ITEMS SUBTOTAL:</b>					<b>\$1,500.00</b>		<b>\$1,708.50</b>		<b>\$1,000.00</b>
<b>BIDDING SUMMARY</b>									
SUBTOTAL SECTION 4 – WATER ITEMS (INTERNAL)					\$195,008.50		\$217,791.25		\$212,600.00
SUBTOTAL SECTION 4 - WATER ITEMS (TRUNK)					\$41,917.50		\$51,411.05		\$44,954.00
SUBTOTAL SECTION 4 - SANITARY SEWER ITEMS (INTERNAL)					\$326,167.35		\$333,429.45		\$314,487.00
SUBTOTAL SECTION 4 - SANITARY SEWER ITEMS (TRUNK)					\$70,866.70		\$57,144.45		\$74,082.00
SUBTOTAL SECTION 4 - DRAINAGE FACILITIES ITEMS					\$680,679.40		\$683,642.80		\$724,432.00
SUBTOTAL SECTION 4 - OFFSITE DRAINAGE FACILITIES ITEMS					\$334,927.60		\$317,261.75		\$310,626.00
SUBTOTAL SECTION 4 – STORM WATER POLLUTION PREVENTION PLAN ITEMS					\$10,502.00		\$9,110.75		\$9,965.00
SUBTOTAL SECTION 4 - MISCELLANEOUS ITEMS					\$1,500.00		\$1,708.50		\$1,000.00
<b>TOTAL AMOUNT BASE BID</b>					<b>\$1,661,569.05</b>		<b>\$1,671,500.00</b>		<b>\$1,692,146.00</b>

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7) R CONSTRUCTION CIVIL, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
<b>SECTION 4 – WATER ITEMS (INTERNAL)</b>					
1	8" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	1597	\$40.00	\$63,880.00
2	8" PVC WATER LINE, C-900, DR 14, CLASS 305, RESTRAINED JOINT, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	826	\$52.00	\$42,952.00
3	12" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	495	\$60.00	\$29,700.00
4	12" PVC WATER LINE, C-900, DR 14, CLASS 305, RESTRAINED JOINT, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	111	\$103.00	\$11,433.00
5	TRENCH SAFETY SYSTEM, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	3029	\$0.10	\$302.90
6	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	986	\$1.00	\$986.00
7	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	6	\$1,800.00	\$10,800.00
8	12" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	2	\$3,200.00	\$6,400.00
9	8" PLUG AND CLAMP WITH 2" BLOW OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	2	\$1,500.00	\$3,000.00
10	12" PLUG AND CLAMP WITH 2" BLOW OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	1	\$1,600.00	\$1,600.00
11	WET CONNECTION OF PROPOSED 8" WATERLINE TO EXISTING 8" WATERLINE INCLUDES FITTINGS, ALL ADAPTERS AND CONNECTORS NECESSARY, AND REMOVAL AND DISPOSAL, OF EXISTING PLUG AND CLAMP AND 2" BLOW OFF VALVE AND BOX (ALL DEPTHS), COMPLETE IN PLACE	EA	1	\$300.00	\$300.00
12	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, FITTINGS, 6" GATE VALVE AND BOX, 6" LEAD AND FIRE HYDRANT, BEDDING AND BACKFILL AND TRENCH SAFETY, COMPLETE IN PLACE	EA	7	\$5,200.00	\$36,400.00
13	ADDITIONAL CAST IRON FITTINGS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	TON	2	\$0.01	\$0.02
<b>SECTION 4 – WATER ITEMS (INTERNAL) SUBTOTAL:</b>					<b>\$207,753.92</b>
<b>SECTION 4 - WATER ITEMS (TRUNK)</b>					
1	12" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	513	\$60.00	\$30,780.00
2	12" PVC WATER LINE, C-900, DR 14, CLASS 305, RESTRAINED JOINT, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	74	\$105.00	\$7,770.00
3	TRENCH SAFETY SYSTEM, ALL SIZES AND DEPTHS, COMPLETE IN PLACE	LF	587	\$0.10	\$58.70

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7) R CONSTRUCTION CIVIL, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
4	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	230	\$1.00	\$230.00
5	WET CONNECTION OF PROPOSED 12" WATERLINE TO EXISTING 12" WATERLINE INCLUDES FITTINGS, ALL ADAPTERS AND CONNECTORS NECESSARY, AND REMOVAL AND DISPOSAL, OF EXISTING PLUG AND CLAMP AND 2" BLOW OFF VALVE AND BOX (ALL DEPTHS), COMPLETE IN PLACE	EA	1	\$600.00	\$600.00
6	12" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	1	\$3,200.00	\$3,200.00
<b>SECTION 4 - WATER ITEMS (TRUNK) SUBTOTAL:</b>					<b>\$42,638.70</b>
<b>SECTION 4 - SANITARY SEWER ITEMS (INTERNAL)</b>					
1	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 0'-12' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1098	\$37.00	\$40,626.00
2	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1595	\$40.00	\$63,800.00
3	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 16'-20' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	250	\$55.00	\$13,750.00
4	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	1812	\$1.00	\$1,812.00
5	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	4011	\$0.10	\$401.10
6	STANDARD 4' DIAMETER SANITARY SEWER MANHOLE (0' - 8' DEPTH), INCLUDES INFLOW PROTECTORS AND FINAL GRADE ADJUSTMENTS, COMPLETE IN PLACE	EA	15	\$2,800.00	\$42,000.00
7	STANDARD MANHOLE VENT FOR SEALED SANITARY SEWER MANHOLE, COMPLETE IN PLACE	EA	1	\$3,000.00	\$3,000.00
8	EXTRA VERTICAL DEPTH FOR 4' DIAMETER SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	60	\$180.00	\$10,800.00
9	8" SANITARY SEWER PLUG, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$100.00	\$200.00
10	SHORT SIDE SINGLE OR DOUBLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, RISER/STACK, WYE, PLUG, MARKER, MANHOLE DROPS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	28	\$1,300.00	\$36,400.00
11	LONG SIDE SINGLE OR DOUBLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, TRENCH SAFETY, RISER/STACK, WYE, PLUG, MARKER, MANHOLE DROPS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	1068	\$48.00	\$51,264.00
12	ADDITIONAL COST FOR WATER AND SANITARY SEWER CROSSINGS, ALL DEPTHS, INCLUDES UPGRADE TO 20' SECTION FOR RESTRAINED JOINT AWWA C900 DR 14 PIPE FOR BOTH WATER AND SANITARY SEWER LINES WHERE APPLICABLE AND RESTRAINED JOINT FITTINGS, INCLUDING CEMENT STABILIZED BACKFILL, COMPLETE IN PLACE	EA	3	\$1,700.00	\$5,100.00
13	DEWATERING FOR SANITARY SEWER, ALL SIZES, ALL DEPTHS, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	2005	\$20.00	\$40,100.00

**BID TABULATION FOR:**

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TO SERVE GRAND PRAIRIE HIGHLANDS SECTION FOUR  
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 570C  
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS  
MAY 17, 2023  
LJA ENGINEERING, INC.  
C CORTEZ  
MAY 17, 2023  
0386-5040D (9.2)

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

7) R CONSTRUCTION CIVIL, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
14	VIDEO INSPECTION OF SANITARY SEWER, ALL SIZES, INCLUDES DIGITAL COPY, COMPLETE IN PLACE	LS	1	\$8,000.00	\$8,000.00
15	EXTRA CEMENT STABILIZED SAND (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$15.00	\$750.00
<b>SECTION 4 - SANITARY SEWER ITEMS (INTERNAL) SUBTOTAL:</b>					<b>\$318,003.10</b>
<b>SECTION 4 - SANITARY SEWER ITEMS (TRUNK)</b>					
1	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 0'-12' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	14	\$38.00	\$532.00
2	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 16'-20' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	338	\$55.00	\$18,590.00
3	8" PVC SEWER PIPE, ASTM D-2241, SDR 26, 20'+ CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	290	\$75.00	\$21,750.00
4	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	242	\$1.00	\$242.00
5	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	642	\$0.10	\$64.20
6	STANDARD 4' DIAMETER SANITARY SEWER MANHOLE (0' - 8' DEPTH), INCLUDES INFLOW PROTECTORS AND FINAL GRADE ADJUSTMENTS, COMPLETE IN PLACE	EA	4	\$2,500.00	\$10,000.00
7	EXTRA VERTICAL DEPTH FOR 4' DIAMETER SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	44	\$180.00	\$7,920.00
8	STANDARD SANITARY SEWER MANHOLE EXTERNAL DROP STRUCTURE, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00
9	REMOVAL AND OFFSITE DISPOSAL OF EXISTING 8" PLUG AND CONNECT PROPOSED 8" SANITARY SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$200.00	\$200.00
10	ADDITIONAL COST FOR WATER AND SANITARY SEWER CROSSINGS, ALL DEPTHS, INCLUDES UPGRADE TO 20' SECTION FOR RESTRAINED JOINT AWWA C900 DR 14 PIPE FOR BOTH WATER AND SANITARY SEWER LINES WHERE APPLICABLE AND RESTRAINED JOINT FITTINGS, INCLUDING CEMENT STABILIZED BACKFILL, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00
11	DEWATERING FOR SANITARY SEWER, ALL SIZES, ALL DEPTHS, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	321	\$20.00	\$6,420.00
12	8" SANITARY SEWER PLUG, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$100.00	\$100.00
<b>SECTION 4 - SANITARY SEWER ITEMS (TRUNK) SUBTOTAL:</b>					<b>\$68,818.20</b>



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7) R CONSTRUCTION CIVIL, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
<b>SECTION 4 - DRAINAGE FACILITIES ITEMS</b>					
1	24" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	1088	\$86.00	\$93,568.00
2	30" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	16	\$107.00	\$1,712.00
3	36" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	548	\$150.00	\$82,200.00
4	42" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	180	\$205.00	\$36,900.00
5	60" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	782	\$400.00	\$312,800.00
6	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	3938	\$1.00	\$3,938.00
7	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	EA	2614	\$0.10	\$261.40
8	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	12	\$3,000.00	\$36,000.00
9	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 48" STORM SEWER AND GREATER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	5	\$20,000.00	\$100,000.00
10	8" BRICK PLUG FOR 60" RCP STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00
11	STAGE I - REINFORCED CONCRETE 5' TYPE C INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE 1 INLET, COMPLETE IN PLACE	EA	18	\$1,200.00	\$21,600.00
12	STAGE II - REINFORCED CONCRETE 5' TYPE C INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	18	\$2,800.00	\$50,400.00
13	STAGE I - REINFORCED CONCRETE 10' INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE 1 INLET, COMPLETE IN PLACE	EA	3	\$1,200.00	\$3,600.00
14	STAGE II - REINFORCED CONCRETE 10' INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$3,500.00	\$10,500.00
15	OUTFALL STRUCTURE FOR 60" RCP, INCLUDES SLOPE PAVING AND RIP RAP, COMPLETE IN PLACE	EA	1	\$8,000.00	\$8,000.00
16	ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES & DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$15.00	\$750.00
17	EXTRA CEMENT STABILIZED SAND (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$15.00	\$750.00
18	4" REINFORCED CONCRETE SLOPE PAVING, TO INCLUDE 24" TOE AROUND PERIMETER OF SLOPE PAVING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$0.01	\$0.50

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 CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS  
 MAY 17, 2023  
 LJA ENGINEERING, INC.  
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 MAY 17, 2023  
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7) R CONSTRUCTION CIVIL, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
19	18" RIP RAP, (GRADE 1) WITH 8" TOP SOIL, (TO BE USED AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$0.01	\$0.50
20	AS-BUILT SURVEY FOR ALL LOT CORNERS, BUILDING LINE, BACK OF PAD AND BACK OF LOT, INCLUDES A CERTIFIED EXHIBIT AND AN AUTOCAD FILE OF SURVEY, COORDINATE WITH LJA SURVEYING INC., AARON G. FERGUSON, 713.953.5196, COMPLETE IN PLACE	LS	1	\$7,500.00	\$7,500.00
21	FULL CONSTRUCTION STAKING FOR SECTION 4 ITEMS, COORDINATE WITH COORDINATE WITH LJA SURVEYING INC., AARON G. FERGUSON, 713.953.5196, COMPLETE IN PLACE	LS	1	\$12,500.00	\$12,500.00

**SECTION 4 - DRAINAGE FACILITIES ITEMS SUBTOTAL:****\$783,480.40****SECTION 4 - OFFSITE DRAINAGE FACILITIES ITEMS**

1	24" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	32	\$85.00	\$2,720.00
2	36" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	8	\$150.00	\$1,200.00
3	42" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	474	\$200.00	\$94,800.00
4	48" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	588	\$235.00	\$138,180.00
5	54" RCP STORM SEWER, C-76, CLASS III, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL AND CEMENT STABILIZED SAND BACKFILL UNDER AND WITHIN 1' OF PAVING, COMPLETE IN PLACE	LF	140	\$340.00	\$47,600.00
6	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	2138	\$1.00	\$2,138.00
7	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	EA	1242	\$0.10	\$124.20
8	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$3,200.00	\$6,400.00
9	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 48" STORM SEWER AND GREATER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$4,500.00	\$18,000.00
10	8" BRICK PLUG FOR 24" RCP STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$500.00	\$2,000.00
11	8" BRICK PLUG FOR 36" RCP STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00
12	OUTFALL STRUCTURE FOR 54" RCP, INCLUDES SLOPE PAVING AND RIP RAP, COMPLETE IN PLACE	EA	1	\$8,000.00	\$8,000.00

**SECTION 4 - OFFSITE DRAINAGE FACILITIES ITEMS SUBTOTAL:****\$321,662.20**

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7) R CONSTRUCTION CIVIL, LLC

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
<b>SECTION 4 – STORM WATER POLLUTION PREVENTION PLAN ITEMS</b>					
1	INSTALL, MAINTAIN, AND REMOVE REINFORCED FILTER FABRIC FENCE (SILT BARRIER FENCING), COMPLETE IN PLACE	LF	200	\$1.50	\$300.00
2	STAGE II INLET PROTECTION BARRIER (4 SAND BAGS PER INLET) FOR PROPOSED AND EXISTING INLETS, COMPLETE IN PLACE	EA	21	\$25.00	\$525.00
3	INSTALL, MAINTAIN, AND REMOVE CONCRETE WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00
4	INSTALL, MAINTAIN, AND REMOVE STABILIZED CONSTRUCTION EXIT, AND REGRADE AREA TO MATCH FINISHED GRADE, ONLY AT THE DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	EA	1	\$1.00	\$1.00
5	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE, INCLUDES GENERAL SOURCE CONTROLS AND ALL ITEMS NOT SPECIFICALLY LISTED IN THE BID PROPOSAL, COMPLETE IN PLACE	LS	1	\$1,000.00	\$1,000.00
6	BROADCAST SEEDING, INCLUDES FERTILIZING AND WATERING, TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	1	\$1.00	\$1.00
7	HYDROMULCH SEEDING AND FINE GRADING, INCLUDES WATERING, TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	1	\$1.00	\$1.00
8	REPAIRS TO MAINTENANCE BERMS AND CHANNEL SIDE SLOPES, INCLUDES REGRAIDING AND SEEDING (DRY APPLICATION) OF DAMAGED AREAS TO EXISTING OR BETTER CONDITIONS, COMPLETE IN PLACE	SY	814	\$1.00	\$814.00
<b>SECTION 4 – STORM WATER POLLUTION PREVENTION PLAN ITEMS SUBTOTAL:</b>					<b>\$3,142.00</b>
<b>SECTION 4 - MISCELLANEOUS ITEMS</b>					
1	TEMPORARY TRAFFIC CONTROL DEVICES AS NEEDED FOR THE DURATION OF THE PROJECT, (FLAGGERS, CONES, ETC.), PER TXDOT STANDARDS, INCLUDES INSTALLATION, MAINTENANCE AND REMOVAL.	LS	1	\$2,500.00	\$2,500.00
<b>SECTION 4 - MISCELLANEOUS ITEMS SUBTOTAL:</b>					<b>\$2,500.00</b>
<b>BIDDING SUMMARY</b>					
SUBTOTAL SECTION 4 – WATER ITEMS (INTERNAL)					\$207,753.92
SUBTOTAL SECTION 4 - WATER ITEMS (TRUNK)					\$42,638.70
SUBTOTAL SECTION 4 - SANITARY SEWER ITEMS (INTERNAL)					\$318,003.10
SUBTOTAL SECTION 4 - SANITARY SEWER ITEMS (TRUNK)					\$68,818.20
SUBTOTAL SECTION 4 - DRAINAGE FACILITIES ITEMS					\$783,480.40
SUBTOTAL SECTION 4 - OFFSITE DRAINAGE FACILITIES ITEMS					\$321,662.20
SUBTOTAL SECTION 4 – STORM WATER POLLUTION PREVENTION PLAN ITEMS					\$3,142.00
SUBTOTAL SECTION 4 - MISCELLANEOUS ITEMS					\$2,500.00
<b>TOTAL AMOUNT BASE BID</b>					<b>\$1,747,998.52</b>