

**BID TABULATION FOR:**

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

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE  
TO SERVE PINWOOD AT GRAND TEXAS SECTION 1  
EAST MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 4  
MONTGOMERY COUNTY, TEXAS  
AUGUST 6, 2020  
LJA ENGINEERING, INC.  
D. FORREST  
AUGUST 6, 2020  
2025-4002 (9.2)

BIDDER'S NAME	TOTAL BID AMOUNT
1) DIMAS BROS. CONSTRUCTION, LLC	\$1,851,411.65
2) CLEARWATER UTILITIES, INC.	\$1,947,672.13
3) R CONSTRUCTION CIVIL, LLC DBA R CONSTRUCTION COMPANY	\$1,968,456.00
4) KENNETH LAMB CONSTRUCTION COMPANY, LTD	\$1,978,831.10
5) TEXASITE, LLC	\$1,996,824.00
6) CROSTEX CONSTRUCTION, INC.	\$2,040,000.00
7) C.E. BARKER, LTD	\$2,069,044.70
8) BLAZEY CONSTRUCTION SERVICES, LLC	\$2,110,700.42
9) TRIPLE B SERVICES, LLP	\$2,149,836.08
10) D. L. ELLIOTT ENTERPRISES, INC.	\$2,235,426.40

CALENDAR DAYS - 50/60



I, David A. Rivera, P.E., hereby certify these bid tabulations to be true and correct.

\* MATHEMATICAL ERROR

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>WATER ITEMS</b>									
1.	8" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	214	\$16.75	\$3,584.50	\$16.00	\$3,424.00	\$17.00	\$3,638.00
2.	12" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	5,372	\$24.25	\$130,271.00	\$23.00	\$123,556.00	\$23.00	\$123,556.00
3.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	5,586	\$0.50	\$2,793.00	\$0.25	\$1,396.50	\$0.05	\$279.30
4.	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	1,914	\$1.00	\$1,914.00	\$3.25	\$6,220.50	\$0.50	\$957.00
5.	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	4	\$835.00	\$3,340.00	\$853.00	\$3,412.00	\$900.00	\$3,600.00
6.	12" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	20	\$1,620.00	\$32,400.00	\$1,596.00	\$31,920.00	\$1,800.00	\$36,000.00
7.	8" PLUG AND CLAMP WITH 2" BLOW OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	2	\$600.00	\$1,200.00	\$469.00	\$938.00	\$900.00	\$1,800.00
8.	12" PLUG AND CLAMP WITH 2" BLOW OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	6	\$700.00	\$4,200.00	\$499.00	\$2,994.00	\$900.00	\$5,400.00
9.	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, FITTINGS, 6" GATE VALVE AND BOX, AND LEAD PIPE, COMPLETE IN PLACE	EA	16	\$2,968.00	\$47,488.00	\$2,686.00	\$42,976.00	\$3,800.00	\$60,800.00
10.	2" AIR RELEASE VALVE ASSEMBLY FOR WATERLINE INCLUDES SERVICE MANHOLE, VENT PIPING, AND BOLLARDS, COMPLETE IN PLACE	EA	1	\$4,600.00	\$4,600.00	\$6,135.00	\$6,135.00	\$5,000.00	\$5,000.00
11.	CAST IRON FITTINGS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	TON	4.2	\$1.00	\$4.20	\$1,234.00	\$5,182.80	\$1,300.00	\$5,460.00
12.	WET CONNECTION OF PROPOSED 12" WATERLINE TO EXISTING WATERLINE INCLUDES FITTINGS, ALL ADAPTERS AND CONNECTORS NECESSARY, AND REMOVAL OF EXISTING PLUG AND CLAMP AND 2" BLOW OFF VALVE AND BOX (ALL DEPTHS), COMPLETE IN PLACE	EA	1	\$350.00	\$350.00	\$358.00	\$358.00	\$200.00	\$200.00
<b>SUBTOTAL WATER ITEMS</b>					<b>\$232,144.70</b>		<b>\$228,512.80</b>		<b>\$246,690.30</b>
<b>SANITARY SEWER ITEMS</b>									
1.	8" PVC SEWER PIPE, ASTM D-2241, SDR-26, CLASS 160, 0'-8' CUT INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	512	\$25.25	\$12,928.00	\$29.00	\$14,848.00	\$20.00	\$10,240.00
2.	8" PVC SEWER PIPE, ASTM D-2241, SDR-26, CLASS 160, 8'-12' CUT INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2,152	\$29.00	\$62,408.00	\$31.00	\$66,712.00	\$20.00	\$43,040.00
3.	8" PVC SEWER PIPE, ASTM D-2241, SDR-26, CLASS 160, 12'-16' CUT INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2,189	\$29.00	\$63,481.00	\$32.00	\$70,048.00	\$25.00	\$54,725.00
4.	8" PVC SEWER PIPE, ASTM D-2241, SDR-26, CLASS 160, 16'-20' CUT INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	318	\$32.85	\$10,446.30	\$34.00	\$10,812.00	\$35.00	\$11,130.00
5.	8" PVC SEWER PIPE, ASTM D-2241, SDR-26, CLASS 160, 20'-24' CUT INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	194	\$37.00	\$7,178.00	\$34.00	\$6,596.00	\$48.00	\$9,312.00
6.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	5,365	\$0.50	\$2,682.50	\$0.50	\$2,682.50	\$0.05	\$268.25
7.	DEWATERING FOR SANITARY SEWER, ALL SIZES, ALL DEPTHS, (DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	3,500	\$25.00	\$87,500.00	\$25.00	\$87,500.00	\$25.00	\$87,500.00
8.	ADDITIONAL COST FOR SANITARY SEWER BEDDING & BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	3,500	\$15.00	\$52,500.00	\$15.00	\$52,500.00	\$15.00	\$52,500.00
9.	STANDARD 4' DIAMETER SANITARY SEWER MANHOLE (0' - 8' DEPTH), INCLUDES PLASTIC INFLOW PROTECTOR, PROTECTIVE INTERIOR COATING, AND ADJUSTMENTS, COMPLETE IN PLACE	EA	14	\$2,358.00	\$33,012.00	\$2,042.00	\$28,588.00	\$3,000.00	\$42,000.00

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ITEM	DESCRIPTION	UNIT	QTY	1) DIMAS BROS. CONSTRUCTION, LLC		2) CLEARWATER UTILITIES, INC.		3) R CONSTRUCTION CIVIL, LLC DBA R CONSTRUCTION COMPANY	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
10.	EXTRA VERTICAL DEPTH FOR 4' DIAMETER SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	21	\$95.00	\$1,995.00	\$107.00	\$2,247.00	\$230.00	\$4,830.00
11.	STANDARD 5' DIAMETER SANITARY SEWER MANHOLE (0' - 10' DEPTH), INCLUDES PLASTIC INFLOW PROTECTOR, PROTECTIVE INTERIOR COATING, AND ADJUSTMENTS, COMPLETE IN PLACE	EA	22	\$3,891.00	\$85,602.00	\$2,865.00	\$63,030.00	\$4,400.00	\$96,800.00
12.	EXTRA VERTICAL DEPTH FOR 5' DIAMETER SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	126	\$118.00	\$14,868.00	\$199.00	\$25,074.00	\$310.00	\$39,060.00
13.	STANDARD SANITARY SEWER DROP STRUCTURE, ALL SIZES, (0-2' DROP), COMPLETE IN PLACE	EA	2	\$550.00	\$1,100.00	\$501.00	\$1,002.00	\$600.00	\$1,200.00
14.	EXTRA DEPTH ON SANITARY SEWER DROP (OVER 2' OF DEPTH), COMPLETE IN PLACE	VF	2	\$1.00	\$2.00	\$20.00	\$40.00	\$25.00	\$50.00
15.	SHORT SIDE SINGLE OR DOUBLE 6" GREEN 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	49	\$558.00	\$27,342.00	\$1,155.00	\$56,595.00	\$900.00	\$44,100.00
16.	LONG SIDE SINGLE OR DOUBLE 6" GREEN 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	1,387	\$32.30	\$44,800.10	\$40.00	\$55,480.00	\$35.00	\$48,545.00
17.	8" SANITARY SEWER PLUG, ALL DEPTHS, COMPLETE IN PLACE	EA	5	\$100.00	\$500.00	\$48.00	\$240.00	\$50.00	\$250.00
18.	UTILITY SPOIL TO BE USED FOR ONSITE FILL, SPREAD, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	1,941	\$1.00	\$1,941.00	\$3.25	\$6,308.25	\$0.50	\$970.50
19.	VIDEO INSPECTION OF SANITARY SEWER, ALL SIZES, INCLUDES DIGITAL COPY, COMPLETE IN PLACE	LF	5,365	\$1.00	\$5,365.00	\$1.00	\$5,365.00	\$1.00	\$5,365.00
<b>SUBTOTAL SANITARY SEWER ITEMS</b>					<b>\$515,650.90</b>		<b>\$555,667.75</b>		<b>\$551,885.75</b>
<b>STORM SEWER ITEMS</b>									
1.	24" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	3,733	\$54.95	\$205,128.35	\$47.00	\$175,451.00	\$52.00	\$194,116.00
2.	30" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	307	\$65.85	\$20,215.95	\$57.00	\$17,499.00	\$70.00	\$21,490.00
3.	36" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	345	\$86.55	\$29,859.75	\$76.00	\$26,220.00	\$92.00	\$31,740.00
4.	48" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	1,304	\$124.80	\$162,739.20	\$118.00	\$153,872.00	\$129.00	\$168,216.00
5.	4'X2' RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	364	\$160.50	\$58,422.00	\$156.00	\$56,784.00	\$145.00	\$52,780.00
6.	7'X3' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	234	\$310.00	\$72,540.00	\$317.00	\$74,178.00	\$305.00	\$71,370.00
7.	6'X3' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	474	\$245.50	\$116,367.00	\$264.00	\$125,136.00	\$261.00	\$123,714.00
8.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	6,761	\$0.50	\$3,380.50	\$0.50	\$3,380.50	\$0.05	\$338.05
9.	DEWATERING FOR STORM SEWER, ALL SIZES, ALL DEPTHS, (ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	6,761	\$25.00	\$169,025.00	\$25.00	\$169,025.00	\$25.00	\$169,025.00
10.	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	34	\$1,635.00	\$55,590.00	\$2,057.00	\$69,938.00	\$2,050.00	\$69,700.00

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ITEM	DESCRIPTION	UNIT	QTY	1) DIMAS BROS. CONSTRUCTION, LLC		2) CLEARWATER UTILITIES, INC.		3) R CONSTRUCTION CIVIL, LLC DBA R CONSTRUCTION COMPANY	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
11.	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 42" STORM SEWER AND LARGER, INCLUDES ADJUSTMENTS, ALL SIZES, COMPLETE IN PLACE	EA	13	\$2,518.00	\$32,734.00	\$4,328.00	\$56,264.00	\$3,900.00	\$50,700.00
12.	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH REINFORCED CONCRETE TYPE "C" MANHOLE TOP, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	0	\$0.00	\$0.00	\$6,809.00	\$0.00	\$0.00	\$0.00
13.	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH REINFORCED CONCRETE TYPE "C" MANHOLE TOP FOR 4' X 2' BOX, 30" STORM, 36" STORM, COMPLETE IN PLACE	EA	1	\$4,000.00	\$4,000.00	\$6,809.00	\$6,809.00	\$6,000.00	\$6,000.00
14.	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH REINFORCED CONCRETE TYPE "C" MANHOLE TOP FOR 4' X 2' BOX, 4' X 2' BOX, 24" STORM, COMPLETE IN PLACE	EA	1	\$7,000.00	\$7,000.00	\$6,809.00	\$6,809.00	\$6,000.00	\$6,000.00
15.	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH REINFORCED CONCRETE TYPE "C" MANHOLE TOP FOR 6' X 3' BOX, 48" STORM, 24" STORM, COMPLETE IN PLACE	EA	1	\$7,000.00	\$7,000.00	\$6,809.00	\$6,809.00	\$8,000.00	\$8,000.00
16.	STAGE I - REINFORCED CONCRETE H-2 INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE 1 INLET, COMPLETE IN PLACE	EA	21	\$791.00	\$16,611.00	\$1,226.00	\$25,746.00	\$1,100.00	\$23,100.00
17.	STAGE II - REINFORCED CONCRETE H-2 INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	20	\$1,108.00	\$22,160.00	\$1,060.00	\$21,200.00	\$1,300.00	\$26,000.00
18.	STAGE I - REINFORCED CONCRETE 10' INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE 1 INLET, COMPLETE IN PLACE	EA	8	\$1,560.00	\$12,480.00	\$2,071.00	\$16,568.00	\$800.00	\$6,400.00
19.	STAGE II - REINFORCED CONCRETE 10' INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	8	\$1,784.00	\$14,272.00	\$1,814.00	\$14,512.00	\$1,900.00	\$15,200.00
20.	REINFORCED CONCRETE 25' INLET ON PROPOSED 6' X 3' BOX CULVERT, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE 1 INLET, COMPLETE IN PLACE	EA	1	\$5,800.00	\$5,800.00	\$5,419.00	\$5,419.00	\$4,000.00	\$4,000.00
21.	REINFORCED CONCRETE H-2 INLET ON PROPOSED 6' X 3' BOX CULVERT INCLUDES INLET PROTECTION BARRIER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$1,800.00	\$3,600.00	\$1,432.00	\$2,864.00	\$4,000.00	\$8,000.00
22.	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH 8'X8' GRATE OPENING FOR 4' X 2' RCB AND 6' X 3' RCB, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$10,000.00	\$10,000.00	\$13,013.00	\$13,013.00	\$7,000.00	\$7,000.00
23.	REINFORCED CONCRETE BOX CULVERT OUTFALL STRUCTURE, INCLUDES CONCRETE SLOPE PAVING WITH 4' TOE WALL ALONG FLOWLINE OF CHANNEL, 3:1 S.E.T., 2' TOE WALL ON ALL OTHER SIDES, 5' (2" THICK) CEMENT STABILIZED SAND AROUND, AND ALL OTHER APPURTENANCES, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$6,800.00	\$13,600.00	\$5,675.00	\$11,350.00	\$15,000.00	\$30,000.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
24.	18" THICK CONCRETE RIP RAP, INCLUDES GEOTEXTILE FABRIC, COMPLETE IN PLACE	CY	152	\$88.00	\$13,376.00	\$77.00	\$11,704.00	\$135.00	\$20,520.00
25.	UTILITY SPOIL TO BE USED FOR ONSITE FILL, SPREAD, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	8,200	\$1.00	\$8,200.00	\$3.25	\$26,650.00	\$0.50	\$4,100.00
26.	ROCK FILTER DAM, TYPE 2, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$767.00	\$767.00	\$2,000.00	\$2,000.00
27.	3:1 SAFETY END TREATMENT FOR 7' X 3' RCB, COMPLETE IN PLACE	EA	4	\$1,800.00	\$7,200.00	\$3,834.00	\$15,336.00	\$6,000.00	\$24,000.00
<b>SUBTOTAL STORM SEWER ITEMS</b>					<b>\$1,072,800.75</b>		<b>\$1,113,303.50</b>		<b>\$1,143,509.05</b>
<b>MISCELLANEOUS ITEMS</b>									
1.	CONSTRUCTION STAKING BY THE CONTRACTOR PER LJA SURVEYING, COORDINATE WITH LUTHER DALY, 713.341.8087, COMPLETE IN PLACE	LS	1	\$15,300.00	\$15,300.00	\$15,300.00	\$15,300.00	\$15,300.00	\$15,300.00
2.	INSTALL, MAINTAIN, AND REMOVE CONCRETE WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$767.00	\$767.00	\$200.00	\$200.00
3.	INSTALL, MAINTAIN, AND REMOVE REINFORCED FILTER FABRIC FENCE (SILT BARRIER FENCING), ONLY AT THE DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	LF	21,243	\$0.10	\$2,124.30	\$1.00	\$21,243.00	\$0.10	\$2,124.30
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	2	\$800.00	\$1,600.00	\$1,534.00	\$3,068.00	\$800.00	\$1,600.00
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	\$800.00	\$800.00	\$1,800.00	\$1,800.00	\$800.00	\$800.00
6.	UTILITY SPOILS, INCLUDES HAULING EXCAVATED MATERIAL ONSITE, 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	\$2,000.00	\$2,000.00	\$1.00	\$1.00	\$0.10	\$0.10
7.	EXCAVATION AND GRADING OF EXTREME EVENT OVERFLOW SWALE, INCLUDES STRIPPING, STOCKPILING STRIPPINGS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LF	300	\$9.00	\$2,700.00	\$8.00	\$2,400.00	\$5.00	\$1,500.00
8.	BROADCAST SEEDING, INCLUDES FERTILIZING AND WATERING, TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	3.63	\$700.00	\$2,541.00	\$716.00	\$2,599.08	\$550.00	\$1,996.50
9.	HYDROMULCH SEEDING AND FINE GRADING, INCLUDES WATERING, TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	2	\$1,500.00	\$3,000.00	\$1,380.00	\$2,760.00	\$1,300.00	\$2,600.00
10.	EXTRA CEMENT STABILIZED SAND BACKFILL, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	CY	250	\$1.00	\$250.00	\$1.00	\$250.00	\$1.00	\$250.00
<b>SUBTOTAL MISCELLANEOUS ITEMS</b>					<b>\$30,815.30</b>		<b>\$50,188.08</b>		<b>\$26,370.90</b>
<b>BID SUMMARY</b>									
SUBTOTAL WATER ITEMS					\$232,144.70		\$228,512.80		\$246,690.30
SUBTOTAL SANITARY SEWER ITEMS					\$515,650.90		\$555,667.75		\$551,885.75
SUBTOTAL STORM SEWER ITEMS					\$1,072,800.75		\$1,113,303.50		\$1,143,509.05
SUBTOTAL MISCELLANEOUS ITEMS					\$30,815.30		\$50,188.08		\$26,370.90
<b>TOTAL AMOUNT BID</b>					<b>\$1,851,411.65</b>		<b>\$1,947,672.13</b>		<b>\$1,968,456.00</b>

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 TO SERVE PINWOOD AT GRAND TEXAS SECTION 1  
 EAST MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 4  
 MONTGOMERY COUNTY, TEXAS  
 AUGUST 6, 2020  
 LJA ENGINEERING, INC.  
 D. FORREST  
 AUGUST 6, 2020  
 2025-4002 (9.2)

4) KENNETH LAMB CONSTRUCTION  
 COMPANY, LTD

5) TEXASITE, LLC

6) CROSTEX CONSTRUCTION, INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>WATER ITEMS</b>									
1.	8" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	214	\$19.00	\$4,066.00	\$18.00	\$3,852.00	\$15.00	\$3,210.00
2.	12" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	5,372	\$30.00	\$161,160.00	\$27.00	\$145,044.00	\$26.75	\$143,701.00
3.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	5,586	\$1.00	\$5,586.00	\$1.00	\$5,586.00	\$0.05	\$279.30
4.	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	1,914	\$2.00	\$3,828.00	\$1.00	\$1,914.00	\$0.50	\$957.00
5.	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	4	\$963.00	\$3,852.00	\$1,000.00	\$4,000.00	\$800.00	\$3,200.00
6.	12" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	20	\$1,842.00	\$36,840.00	\$2,000.00	\$40,000.00	\$1,675.00	\$33,500.00
7.	8" PLUG AND CLAMP WITH 2" BLOW OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	2	\$851.00	\$1,702.00	\$600.00	\$1,200.00	\$700.00	\$1,400.00
8.	12" PLUG AND CLAMP WITH 2" BLOW OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	6	\$1,082.00	\$6,492.00	\$750.00	\$4,500.00	\$730.00	\$4,380.00
9.	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, FITTINGS, 6" GATE VALVE AND BOX, AND LEAD PIPE, COMPLETE IN PLACE	EA	16	\$3,323.00	\$53,168.00	\$3,200.00	\$51,200.00	\$4,175.00	\$66,800.00
10.	2" AIR RELEASE VALVE ASSEMBLY FOR WATERLINE INCLUDES SERVICE MANHOLE, VENT PIPING, AND BOLLARDS, COMPLETE IN PLACE	EA	1	\$5,078.00	\$5,078.00	\$5,500.00	\$5,500.00	\$6,500.00	\$6,500.00
11.	CAST IRON FITTINGS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	TON	4.2	\$1,810.00	\$7,602.00	\$2,700.00	\$11,340.00	\$100.00	\$420.00
12.	WET CONNECTION OF PROPOSED 12" WATERLINE TO EXISTING WATERLINE INCLUDES FITTINGS, ALL ADAPTERS AND CONNECTORS NECESSARY, AND REMOVAL OF EXISTING PLUG AND CLAMP AND 2" BLOW OFF VALVE AND BOX (ALL DEPTHS), COMPLETE IN PLACE	EA	1	\$394.00	\$394.00	\$350.00	\$350.00	\$100.00	\$100.00
<b>SUBTOTAL WATER ITEMS</b>					<b>\$289,768.00</b>		<b>\$274,486.00</b>		<b>\$264,447.30</b>
<b>SANITARY SEWER ITEMS</b>									
1.	8" PVC SEWER PIPE, ASTM D-2241, SDR-26, CLASS 160, 0'-8' CUT INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	512	\$19.00	\$9,728.00	\$32.00	\$16,384.00	\$16.00	\$8,192.00
2.	8" PVC SEWER PIPE, ASTM D-2241, SDR-26, CLASS 160, 8'-12' CUT INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2,152	\$22.00	\$47,344.00	\$33.00	\$71,016.00	\$19.50	\$41,964.00
3.	8" PVC SEWER PIPE, ASTM D-2241, SDR-26, CLASS 160, 12'-16' CUT INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2,189	\$28.00	\$61,292.00	\$34.00	\$74,426.00	\$25.25	\$55,272.25
4.	8" PVC SEWER PIPE, ASTM D-2241, SDR-26, CLASS 160, 16'-20' CUT INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	318	\$33.00	\$10,494.00	\$37.00	\$11,766.00	\$31.00	\$9,858.00
5.	8" PVC SEWER PIPE, ASTM D-2241, SDR-26, CLASS 160, 20'-24' CUT INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	194	\$39.00	\$7,566.00	\$47.00	\$9,118.00	\$41.00	\$7,954.00
6.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	5,365	\$1.00	\$5,365.00	\$1.00	\$5,365.00	\$0.05	\$268.25
7.	DEWATERING FOR SANITARY SEWER, ALL SIZES, ALL DEPTHS, (DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	3,500	\$25.00	\$87,500.00	\$25.00	\$87,500.00	\$25.00	\$87,500.00
8.	ADDITIONAL COST FOR SANITARY SEWER BEDDING & BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	3,500	\$15.00	\$52,500.00	\$15.00	\$52,500.00	\$15.00	\$52,500.00
9.	STANDARD 4' DIAMETER SANITARY SEWER MANHOLE (0' - 8' DEPTH), INCLUDES PLASTIC INFLOW PROTECTOR, PROTECTIVE INTERIOR COATING, AND ADJUSTMENTS, COMPLETE IN PLACE	EA	14	\$2,500.00	\$35,000.00	\$3,200.00	\$44,800.00	\$2,325.00	\$32,550.00

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 MONTGOMERY COUNTY, TEXAS  
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 LJA ENGINEERING, INC.  
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4) KENNETH LAMB CONSTRUCTION  
 COMPANY, LTD

5) TEXASITE, LLC

6) CROSTEX CONSTRUCTION, INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
10.	EXTRA VERTICAL DEPTH FOR 4' DIAMETER SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	21	\$180.00	\$3,780.00	\$150.00	\$3,150.00	\$200.00	\$4,200.00
11.	STANDARD 5' DIAMETER SANITARY SEWER MANHOLE (0' - 10' DEPTH), INCLUDES PLASTIC INFLOW PROTECTOR, PROTECTIVE INTERIOR COATING, AND ADJUSTMENTS, COMPLETE IN PLACE	EA	22	\$4,200.00	\$92,400.00	\$4,150.00	\$91,300.00	\$4,000.00	\$88,000.00
12.	EXTRA VERTICAL DEPTH FOR 5' DIAMETER SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	126	\$180.00	\$22,680.00	\$165.00	\$20,790.00	\$330.00	\$41,580.00
13.	STANDARD SANITARY SEWER DROP STRUCTURE, ALL SIZES, (0-2' DROP), COMPLETE IN PLACE	EA	2	\$675.00	\$1,350.00	\$530.00	\$1,060.00	\$450.00	\$900.00
14.	EXTRA DEPTH ON SANITARY SEWER DROP (OVER 2' OF DEPTH), COMPLETE IN PLACE	VF	2	\$30.00	\$60.00	\$25.00	\$50.00	\$45.00	\$90.00
15.	SHORT SIDE SINGLE OR DOUBLE 6" GREEN 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	49	\$778.00	\$38,122.00 *	\$800.00	\$39,200.00	\$925.00	\$45,325.00
16.	LONG SIDE SINGLE OR DOUBLE 6" GREEN 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	1,387	\$28.00	\$38,836.00	\$32.00	\$44,384.00	\$28.25	\$39,182.75
17.	8" SANITARY SEWER PLUG, ALL DEPTHS, COMPLETE IN PLACE	EA	5	\$113.00	\$565.00	\$100.00	\$500.00	\$50.00	\$250.00
18.	UTILITY SPOIL TO BE USED FOR ONSITE FILL, SPREAD, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	1,941	\$2.00	\$3,882.00	\$1.00	\$1,941.00	\$0.50	\$970.50
19.	VIDEO INSPECTION OF SANITARY SEWER, ALL SIZES, INCLUDES DIGITAL COPY, COMPLETE IN PLACE	LF	5,365	\$1.00	\$5,365.00	\$0.01	\$53.65	\$1.50	\$8,047.50
<b>SUBTOTAL SANITARY SEWER ITEMS</b>					<b>\$523,829.00 *</b>		<b>\$575,303.65</b>		<b>\$524,604.25</b>
<b>STORM SEWER ITEMS</b>									
1.	24" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	3,733	\$45.00	\$167,985.00	\$50.00	\$186,650.00	\$49.20	\$183,663.60
2.	30" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	307	\$59.00	\$18,113.00	\$62.00	\$19,034.00	\$60.70	\$18,634.90
3.	36" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	345	\$81.00	\$27,945.00	\$84.00	\$28,980.00	\$81.70	\$28,186.50
4.	48" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	1,304	\$132.00	\$172,128.00	\$130.00	\$169,520.00	\$127.00	\$165,608.00
5.	4'X2' RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	364	\$157.00	\$57,148.00	\$165.00	\$60,060.00	\$161.00	\$58,604.00
6.	7'X3' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	234	\$321.00	\$75,114.00	\$234.00	\$54,756.00	\$339.00	\$79,326.00
7.	6'X3' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	474	\$276.00	\$130,824.00	\$290.00	\$137,460.00	\$280.00	\$132,720.00
8.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	6,761	\$1.00	\$6,761.00	\$1.00	\$6,761.00	\$0.05	\$338.05
9.	DEWATERING FOR STORM SEWER, ALL SIZES, ALL DEPTHS, (ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	6,761	\$25.00	\$169,025.00	\$25.00	\$169,025.00	\$25.00	\$169,025.00
10.	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	34	\$1,850.00	\$62,900.00	\$2,100.00	\$71,400.00	\$2,050.00	\$69,700.00

\* MATHEMATICAL ERROR

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 TO SERVE PINWOOD AT GRAND TEXAS SECTION 1  
 EAST MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 4  
 MONTGOMERY COUNTY, TEXAS  
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 LJA ENGINEERING, INC.  
 D. FORREST  
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5) TEXASITE, LLC

6) CROSTEX CONSTRUCTION, INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
11.	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 42" STORM SEWER AND LARGER, INCLUDES ADJUSTMENTS, ALL SIZES, COMPLETE IN PLACE	EA	13	\$2,500.00	\$32,500.00	\$4,200.00	\$54,600.00	\$3,500.00	\$45,500.00
12.	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH REINFORCED CONCRETE TYPE "C" MANHOLE TOP, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	0	\$0.00	\$0.00	\$0.00	\$0.00	\$15,000.00	\$0.00
13.	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH REINFORCED CONCRETE TYPE "C" MANHOLE TOP FOR 4' X 2' BOX, 30" STORM, 36" STORM, COMPLETE IN PLACE	EA	1	\$6,900.00	\$6,900.00	\$4,900.00	\$4,900.00	\$6,000.00	\$6,000.00
14.	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH REINFORCED CONCRETE TYPE "C" MANHOLE TOP FOR 4' X 2' BOX, 4' X 2' BOX, 24" STORM, COMPLETE IN PLACE	EA	1	\$7,900.00	\$7,900.00	\$4,900.00	\$4,900.00	\$6,000.00	\$6,000.00
15.	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH REINFORCED CONCRETE TYPE "C" MANHOLE TOP FOR 6' X 3' BOX, 48" STORM, 24" STORM, COMPLETE IN PLACE	EA	1	\$6,900.00	\$6,900.00	\$4,900.00	\$4,900.00	\$7,500.00	\$7,500.00
16.	STAGE I - REINFORCED CONCRETE H-2 INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE 1 INLET, COMPLETE IN PLACE	EA	21	\$975.00	\$20,475.00	\$1,100.00	\$23,100.00	\$1,500.00	\$31,500.00
17.	STAGE II - REINFORCED CONCRETE H-2 INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	20	\$1,500.00	\$30,000.00	\$1,100.00	\$22,000.00	\$600.00	\$12,000.00
18.	STAGE I - REINFORCED CONCRETE 10' INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE 1 INLET, COMPLETE IN PLACE	EA	8	\$975.00	\$7,800.00	\$1,950.00	\$15,600.00	\$1,500.00	\$12,000.00
19.	STAGE II - REINFORCED CONCRETE 10' INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	8	\$2,125.00	\$17,000.00	\$1,100.00	\$8,800.00	\$1,750.00	\$14,000.00
20.	REINFORCED CONCRETE 25' INLET ON PROPOSED 6' X 3' BOX CULVERT, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE 1 INLET, COMPLETE IN PLACE	EA	1	\$3,600.00	\$3,600.00	\$7,000.00	\$7,000.00	\$6,000.00	\$6,000.00
21.	REINFORCED CONCRETE H-2 INLET ON PROPOSED 6' X 3' BOX CULVERT INCLUDES INLET PROTECTION BARRIER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$1,900.00	\$3,800.00	\$2,700.00	\$5,400.00	\$3,500.00	\$7,000.00
22.	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH 8'X8' GRATE OPENING FOR 4' X 2' RCB AND 6' X 3' RCB, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$10,150.00	\$10,150.00	\$15,500.00	\$15,500.00	\$16,000.00	\$16,000.00
23.	REINFORCED CONCRETE BOX CULVERT OUTFALL STRUCTURE, INCLUDES CONCRETE SLOPE PAVING WITH 4' TOE WALL ALONG FLOWLINE OF CHANNEL, 3:1 S.E.T., 2' TOE WALL ON ALL OTHER SIDES, 5' (2" THICK) CEMENT STABILIZED SAND AROUND, AND ALL OTHER APPURTENANCES, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$3,500.00	\$7,000.00	\$5,600.00	\$11,200.00	\$15,000.00	\$30,000.00



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ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
24.	18" THICK CONCRETE RIP RAP, INCLUDES GEOTEXTILE FABRIC, COMPLETE IN PLACE	CY	152	\$80.00	\$12,160.00	\$75.00	\$11,400.00	\$90.00	\$13,680.00
25.	UTILITY SPOIL TO BE USED FOR ONSITE FILL, SPREAD, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	8,200	\$2.00	\$16,400.00	\$1.00	\$8,200.00	\$0.50	\$4,100.00
26.	ROCK FILTER DAM, TYPE 2, COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$100.00	\$100.00	\$2,500.00	\$2,500.00
27.	3:1 SAFETY END TREATMENT FOR 7' X 3' RCB, COMPLETE IN PLACE	EA	4	\$5,050.00	\$20,200.00	\$2,000.00	\$8,000.00	\$10,000.00	\$40,000.00
<b>SUBTOTAL STORM SEWER ITEMS</b>					<b>\$1,091,728.00</b>		<b>\$1,109,246.00</b>		<b>\$1,159,586.05</b>
<b>MISCELLANEOUS ITEMS</b>									
1.	CONSTRUCTION STAKING BY THE CONTRACTOR PER LJA SURVEYING, COORDINATE WITH LUTHER DALY, 713.341.8087, COMPLETE IN PLACE	LS	1	\$15,300.00	\$15,300.00	\$15,300.00	\$15,300.00	\$15,468.40	\$15,468.40
2.	INSTALL, MAINTAIN, AND REMOVE CONCRETE WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$100.00	\$100.00	\$50.00	\$50.00	\$750.00	\$750.00
3.	INSTALL, MAINTAIN, AND REMOVE REINFORCED FILTER FABRIC FENCE (SILT BARRIER FENCING), ONLY AT THE DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	LF	21,243	\$1.20	\$25,491.60	\$0.45	\$9,559.35	\$0.50	\$10,621.50
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	2	\$2,500.00	\$5,000.00	\$200.00	\$400.00	\$1,800.00	\$3,600.00
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	\$1,000.00	\$1,000.00	\$750.00	\$750.00
6.	UTILITY SPOILS, INCLUDES HAULING EXCAVATED MATERIAL ONSITE, 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	\$12,055.00	\$12,055.00	\$1.00	\$1.00	\$42,200.00	\$42,200.00
7.	EXCAVATION AND GRADING OF EXTREME EVENT OVERFLOW SWALE, INCLUDES STRIPPING, STOCKPILING STRIPPINGS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LF	300	\$15.00	\$4,500.00	\$7.00	\$2,100.00	\$25.00	\$7,500.00
8.	BROADCAST SEEDING, INCLUDES FERTILIZING AND WATERING, TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	3.63	\$650.00	\$2,359.50	\$600.00	\$2,178.00	\$750.00	\$2,722.50
9.	HYDROMULCH SEEDING AND FINE GRADING, INCLUDES WATERING, TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	2	\$1,350.00	\$2,700.00	\$1,100.00	\$2,200.00	\$1,500.00	\$3,000.00
10.	EXTRA CEMENT STABILIZED SAND BACKFILL, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	CY	250	\$20.00	\$5,000.00	\$20.00	\$5,000.00	\$19.00	\$4,750.00
<b>SUBTOTAL MISCELLANEOUS ITEMS</b>					<b>\$73,506.10</b>		<b>\$37,788.35</b>		<b>\$91,362.40</b>
<b>BID SUMMARY</b>									
SUBTOTAL WATER ITEMS					\$289,768.00		\$274,486.00		\$264,447.30
SUBTOTAL SANITARY SEWER ITEMS					\$523,829.00 *		\$575,303.65		\$524,604.25
SUBTOTAL STORM SEWER ITEMS					\$1,091,728.00		\$1,109,246.00		\$1,159,586.05
SUBTOTAL MISCELLANEOUS ITEMS					\$73,506.10		\$37,788.35		\$91,362.40
<b>TOTAL AMOUNT BID</b>					<b>\$1,978,831.10 *</b>		<b>\$1,996,824.00</b>		<b>\$2,040,000.00</b>

\* MATHEMATICAL ERROR

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CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE  
 TO SERVE PINWOOD AT GRAND TEXAS SECTION 1  
 EAST MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 4  
 MONTGOMERY COUNTY, TEXAS  
 AUGUST 6, 2020  
 LJA ENGINEERING, INC.  
 D. FORREST  
 AUGUST 6, 2020  
 2025-4002 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	7) C.E. BARKER, LTD		8) BLAZEY CONSTRUCTION SERVICES, LLC		9) TRIPLE B SERVICES, LLP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>WATER ITEMS</b>									
1.	8" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	214	\$14.95	\$3,199.30	\$18.24	\$3,903.36	\$25.05	\$5,360.70
2.	12" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	5,372	\$24.15	\$129,733.80	\$29.35	\$157,668.20	\$28.25	\$151,759.00
3.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	5,586	\$0.11	\$614.46	\$0.27	\$1,508.22	\$0.01	\$55.86
4.	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	1,914	\$2.32	\$4,440.48	\$3.24	\$6,201.36	\$2.50	\$4,785.00
5.	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	4	\$896.94	\$3,587.76	\$823.91	\$3,295.64	\$1,185.00	\$4,740.00
6.	12" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	20	\$1,836.40	\$36,728.00	\$1,608.85	\$32,177.00	\$1,970.00	\$39,400.00
7.	8" PLUG AND CLAMP WITH 2" BLOW OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	2	\$447.76	\$895.52	\$387.77	\$775.54	\$655.00	\$1,310.00
8.	12" PLUG AND CLAMP WITH 2" BLOW OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	6	\$492.64	\$2,955.84	\$418.56	\$2,511.36	\$685.00	\$4,110.00
9.	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, FITTINGS, 6" GATE VALVE AND BOX, AND LEAD PIPE, COMPLETE IN PLACE	EA	16	\$3,541.87	\$56,669.92	\$2,850.74	\$45,611.84	\$2,990.00	\$47,840.00
10.	2" AIR RELEASE VALVE ASSEMBLY FOR WATERLINE INCLUDES SERVICE MANHOLE, VENT PIPING, AND BOLLARDS, COMPLETE IN PLACE	EA	1	\$5,646.91	\$5,646.91	\$8,166.29	\$8,166.29	\$3,990.00	\$3,990.00
11.	CAST IRON FITTINGS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	TON	4.2	\$655.72	\$2,754.02	\$108.07	\$453.89	\$0.01	\$0.04
12.	WET CONNECTION OF PROPOSED 12" WATERLINE TO EXISTING WATERLINE INCLUDES FITTINGS, ALL ADAPTERS AND CONNECTORS NECESSARY, AND REMOVAL OF EXISTING PLUG AND CLAMP AND 2" BLOW OFF VALVE AND BOX (ALL DEPTHS), COMPLETE IN PLACE	EA	1	\$960.60	\$960.60	\$686.05	\$686.05	\$575.00	\$575.00
<b>SUBTOTAL WATER ITEMS</b>					<b>\$248,186.61</b>		<b>\$262,958.75</b>		<b>\$263,925.60</b>
<b>SANITARY SEWER ITEMS</b>									
1.	8" PVC SEWER PIPE, ASTM D-2241, SDR-26, CLASS 160, 0'-8' CUT INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	512	\$23.02	\$11,786.24	\$27.14	\$13,895.68	\$30.65	\$15,692.80
2.	8" PVC SEWER PIPE, ASTM D-2241, SDR-26, CLASS 160, 8'-12' CUT INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2,152	\$24.00	\$51,648.00	\$27.29	\$58,728.08	\$30.65	\$65,958.80
3.	8" PVC SEWER PIPE, ASTM D-2241, SDR-26, CLASS 160, 12'-16' CUT INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2,189	\$27.15	\$59,431.35	\$27.60	\$60,416.40	\$30.65	\$67,092.85
4.	8" PVC SEWER PIPE, ASTM D-2241, SDR-26, CLASS 160, 16'-20' CUT INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	318	\$34.51	\$10,974.18	\$31.06	\$9,877.08	\$37.80	\$12,020.40
5.	8" PVC SEWER PIPE, ASTM D-2241, SDR-26, CLASS 160, 20'-24' CUT INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	194	\$58.72	\$11,391.68	\$38.89	\$7,544.66	\$37.80	\$7,333.20
6.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	5,365	\$0.11	\$590.15	\$0.27	\$1,448.55	\$0.01	\$53.65
7.	DEWATERING FOR SANITARY SEWER, ALL SIZES, ALL DEPTHS, (DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	3,500	\$25.00	\$87,500.00	\$25.00	\$87,500.00	\$25.00	\$87,500.00
8.	ADDITIONAL COST FOR SANITARY SEWER BEDDING & BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	3,500	\$15.00	\$52,500.00	\$15.00	\$52,500.00	\$15.00	\$52,500.00
9.	STANDARD 4' DIAMETER SANITARY SEWER MANHOLE (0' - 8' DEPTH), INCLUDES PLASTIC INFLOW PROTECTOR, PROTECTIVE INTERIOR COATING, AND ADJUSTMENTS, COMPLETE IN PLACE	EA	14	\$2,181.95	\$30,547.30	\$2,593.06	\$36,302.84	\$2,550.00	\$35,700.00

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 TO SERVE PINWOOD AT GRAND TEXAS SECTION 1  
 EAST MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 4  
 MONTGOMERY COUNTY, TEXAS  
 AUGUST 6, 2020  
 LJA ENGINEERING, INC.  
 D. FORREST  
 AUGUST 6, 2020  
 2025-4002 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	7) C.E. BARKER, LTD		8) BLAZEY CONSTRUCTION SERVICES, LLC		9) TRIPLE B SERVICES, LLP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
10.	EXTRA VERTICAL DEPTH FOR 4' DIAMETER SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	21	\$183.60	\$3,855.60	\$156.66	\$3,289.86	\$0.01	\$0.21
11.	STANDARD 5' DIAMETER SANITARY SEWER MANHOLE (0' - 10' DEPTH), INCLUDES PLASTIC INFLOW PROTECTOR, PROTECTIVE INTERIOR COATING, AND ADJUSTMENTS, COMPLETE IN PLACE	EA	22	\$4,868.18	\$107,099.96	\$4,629.70	\$101,853.40	\$4,750.00	\$104,500.00
12.	EXTRA VERTICAL DEPTH FOR 5' DIAMETER SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	126	\$260.71	\$32,849.46	\$221.49	\$27,907.74	\$0.01	\$1.26
13.	STANDARD SANITARY SEWER DROP STRUCTURE, ALL SIZES, (0-2' DROP), COMPLETE IN PLACE	EA	2	\$822.99	\$1,645.98	\$517.70	\$1,035.40	\$465.00	\$930.00
14.	EXTRA DEPTH ON SANITARY SEWER DROP (OVER 2' OF DEPTH), COMPLETE IN PLACE	VF	2	\$39.53	\$79.06	\$15.23	\$30.46	\$5.00	\$10.00
15.	SHORT SIDE SINGLE OR DOUBLE 6" GREEN 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	49	\$797.83	\$39,093.67	\$816.70	\$40,018.30	\$730.00	\$35,770.00
16.	LONG SIDE SINGLE OR DOUBLE 6" GREEN 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	1,387	\$40.91	\$56,742.17	\$41.90	\$58,115.30	\$28.50	\$39,529.50
17.	8" SANITARY SEWER PLUG, ALL DEPTHS, COMPLETE IN PLACE	EA	5	\$171.68	\$858.40	\$78.00	\$390.00	\$125.00	\$625.00
18.	UTILITY SPOIL TO BE USED FOR ONSITE FILL, SPREAD, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	1,941	\$2.32	\$4,503.12	\$3.24	\$6,288.84	\$2.50	\$4,852.50
19.	VIDEO INSPECTION OF SANITARY SEWER, ALL SIZES, INCLUDES DIGITAL COPY, COMPLETE IN PLACE	LF	5,365	\$0.11	\$590.15	\$2.32	\$12,446.80	\$0.90	\$4,828.50
<b>SUBTOTAL SANITARY SEWER ITEMS</b>					<b>\$563,686.47</b>		<b>\$579,589.39</b>		<b>\$534,898.67</b>
<b>STORM SEWER ITEMS</b>									
1.	24" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	3,733	\$53.15	\$198,408.95	\$50.48	\$188,441.84	\$60.75	\$226,779.75
2.	30" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	307	\$67.17	\$20,621.19	\$61.72	\$18,948.04	\$78.25	\$24,022.75
3.	36" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	345	\$92.51	\$31,915.95	\$83.23	\$28,714.35	\$100.25	\$34,586.25
4.	48" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	1,304	\$145.07	\$189,171.28	\$129.23	\$168,515.92	\$143.65	\$187,319.60
5.	4'X2' RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	364	\$172.87	\$62,924.68	\$164.95	\$60,041.80	\$169.25	\$61,607.00
6.	7'X3' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	234	\$336.49	\$78,738.66	\$338.79	\$79,276.86	\$337.40	\$78,951.60
7.	6'X3' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	474	\$281.07	\$133,227.18	\$291.67	\$138,251.58	\$288.00	\$136,512.00
8.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	6,761	\$0.11	\$743.71	\$0.27	\$1,825.47	\$0.01	\$67.61
9.	DEWATERING FOR STORM SEWER, ALL SIZES, ALL DEPTHS, (ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	6,761	\$25.00	\$169,025.00	\$25.00	\$169,025.00	\$25.00	\$169,025.00
10.	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	34	\$2,093.04	\$71,163.36	\$2,106.86	\$71,633.24	\$2,300.00	\$78,200.00

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 D. FORREST  
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ITEM	DESCRIPTION	UNIT	QTY	7) C.E. BARKER, LTD		8) BLAZEY CONSTRUCTION SERVICES, LLC		9) TRIPLE B SERVICES, LLP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
11.	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 42" STORM SEWER AND LARGER, INCLUDES ADJUSTMENTS, ALL SIZES, COMPLETE IN PLACE	EA	13	\$3,304.80	\$42,962.40	\$2,641.68	\$34,341.84	\$3,630.00	\$47,190.00
12.	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH REINFORCED CONCRETE TYPE "C" MANHOLE TOP, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13.	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH REINFORCED CONCRETE TYPE "C" MANHOLE TOP FOR 4' X 2' BOX, 30" STORM, 36" STORM, COMPLETE IN PLACE	EA	1	\$9,014.39	\$9,014.39	\$8,973.07	\$8,973.07	\$3,015.00	\$3,015.00
14.	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH REINFORCED CONCRETE TYPE "C" MANHOLE TOP FOR 4' X 2' BOX, 4' X 2' BOX, 24" STORM, COMPLETE IN PLACE	EA	1	\$9,014.39	\$9,014.39	\$9,064.91	\$9,064.91	\$13,100.00	\$13,100.00
15.	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH REINFORCED CONCRETE TYPE "C" MANHOLE TOP FOR 6' X 3' BOX, 48" STORM, 24" STORM, COMPLETE IN PLACE	EA	1	\$9,014.39	\$9,014.39	\$4,213.73	\$4,213.73	\$8,185.00	\$8,185.00
16.	STAGE I - REINFORCED CONCRETE H-2 INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE 1 INLET, COMPLETE IN PLACE	EA	21	\$1,255.82	\$26,372.22	\$1,307.34	\$27,454.14	\$1,085.00	\$22,785.00
17.	STAGE II - REINFORCED CONCRETE H-2 INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	20	\$1,101.60	\$22,032.00	\$1,037.22	\$20,744.40	\$1,035.00	\$20,700.00
18.	STAGE I - REINFORCED CONCRETE 10' INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE 1 INLET, COMPLETE IN PLACE	EA	8	\$1,586.30	\$12,690.40	\$3,187.31	\$25,498.48	\$1,085.00	\$8,680.00
19.	STAGE II - REINFORCED CONCRETE 10' INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	8	\$1,211.76	\$9,694.08	\$1,685.49	\$13,483.92	\$1,685.00	\$13,480.00
20.	REINFORCED CONCRETE 25' INLET ON PROPOSED 6' X 3' BOX CULVERT, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE 1 INLET, COMPLETE IN PLACE	EA	1	\$7,745.35	\$7,745.35	\$8,076.31	\$8,076.31	\$3,205.00	\$3,205.00
21.	REINFORCED CONCRETE H-2 INLET ON PROPOSED 6' X 3' BOX CULVERT INCLUDES INLET PROTECTION BARRIER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$2,357.42	\$4,714.84	\$1,523.42	\$3,046.84	\$1,900.00	\$3,800.00
22.	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH 8'X8' GRATE OPENING FOR 4' X 2' RCB AND 6' X 3' RCB, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$10,391.39	\$10,391.39	\$15,126.20	\$15,126.20	\$14,180.00	\$14,180.00
23.	REINFORCED CONCRETE BOX CULVERT OUTFALL STRUCTURE, INCLUDES CONCRETE SLOPE PAVING WITH 4' TOE WALL ALONG FLOWLINE OF CHANNEL, 3:1 S.E.T., 2' TOE WALL ON ALL OTHER SIDES, 5' (2" THICK) CEMENT STABILIZED SAND AROUND, AND ALL OTHER APPURTENANCES, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$4,532.96	\$9,065.92	\$16,746.86	\$33,493.72	\$4,605.00	\$9,210.00

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ITEM	DESCRIPTION	UNIT	QTY	7) C.E. BARKER, LTD		8) BLAZEY CONSTRUCTION SERVICES, LLC		9) TRIPLE B SERVICES, LLP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
24.	18" THICK CONCRETE RIP RAP, INCLUDES GEOTEXTILE FABRIC, COMPLETE IN PLACE	CY	152	\$164.95	\$25,072.40	\$86.44	\$13,138.88	\$186.00	\$28,272.00
25.	UTILITY SPOIL TO BE USED FOR ONSITE FILL, SPREAD, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	8,200	\$2.32	\$19,024.00	\$3.24	\$26,568.00	\$4.45	\$36,490.00
26.	ROCK FILTER DAM, TYPE 2, COMPLETE IN PLACE	EA	1	\$3,987.79	\$3,987.79	\$1,998.82	\$1,998.82	\$2,800.00	\$2,800.00
27.	3:1 SAFETY END TREATMENT FOR 7' X 3' RCB, COMPLETE IN PLACE	EA	4	\$2,784.84	\$11,139.36	\$9,237.78	\$36,951.12	\$2,800.00	\$11,200.00
<b>SUBTOTAL STORM SEWER ITEMS</b>					<b>\$1,187,875.28</b>		<b>\$1,206,848.48</b>		<b>\$1,243,363.56</b>
<b>MISCELLANEOUS ITEMS</b>									
1.	CONSTRUCTION STAKING BY THE CONTRACTOR PER LJA SURVEYING, COORDINATE WITH LUTHER DALY, 713.341.8087, COMPLETE IN PLACE	LS	1	\$15,300.00	\$15,300.00	\$15,300.00	\$15,300.00	\$15,300.00	\$15,300.00
2.	INSTALL, MAINTAIN, AND REMOVE CONCRETE WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$1,101.60	\$1,101.60	\$648.27	\$648.27	\$1,350.00	\$1,350.00
3.	INSTALL, MAINTAIN, AND REMOVE REINFORCED FILTER FABRIC FENCE (SILT BARRIER FENCING), ONLY AT THE DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	LF	21,243	\$1.38	\$29,315.34	\$1.35	\$28,678.05	\$1.75	\$37,175.25
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	2	\$2,930.26	\$5,860.52	\$1,620.66	\$3,241.32	\$3,100.00	\$6,200.00
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	\$550.80	\$550.80	\$999.41	\$999.41	\$1,900.00	\$1,900.00
6.	UTILITY SPOILS, INCLUDES HAULING EXCAVATED MATERIAL ONSITE, 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	\$0.01	\$0.01	\$3.24	\$3.24	\$30,000.00	\$30,000.00
7.	EXCAVATION AND GRADING OF EXTREME EVENT OVERFLOW SWALE, INCLUDES STRIPPING, STOCKPILING STRIPPINGS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LF	300	\$9.18	\$2,754.00	\$4.32	\$1,296.00	\$5.00	\$1,500.00
8.	BROADCAST SEEDING, INCLUDES FERTILIZING AND WATERING, TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	3.63	\$826.20	\$2,999.11	\$757.00	\$2,747.91	\$850.00	\$3,085.50
9.	HYDROMULCH SEEDING AND FINE GRADING, INCLUDES WATERING, TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	2	\$1,707.48	\$3,414.96	\$1,944.80	\$3,889.60	\$1,600.00	\$3,200.00
10.	EXTRA CEMENT STABILIZED SAND BACKFILL, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	CY	250	\$32.00	\$8,000.00	\$18.00	\$4,500.00	\$31.75	\$7,937.50
<b>SUBTOTAL MISCELLANEOUS ITEMS</b>					<b>\$69,296.34</b>		<b>\$61,303.80</b>		<b>\$107,648.25</b>
<b>BID SUMMARY</b>									
SUBTOTAL WATER ITEMS					\$248,186.61		\$262,958.75		\$263,925.60
SUBTOTAL SANITARY SEWER ITEMS					\$563,686.47		\$579,589.39		\$534,898.67
SUBTOTAL STORM SEWER ITEMS					\$1,187,875.28		\$1,206,848.48		\$1,243,363.56
SUBTOTAL MISCELLANEOUS ITEMS					\$69,296.34		\$61,303.80		\$107,648.25
<b>TOTAL AMOUNT BID</b>					<b>\$2,069,044.70</b>		<b>\$2,110,700.42</b>		<b>\$2,149,836.08</b>

**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER, SANITARY SEWER, AND DRAINAGE  
 TO SERVE PINWOOD AT GRAND TEXAS SECTION 1  
 EAST MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 4  
 MONTGOMERY COUNTY, TEXAS  
 AUGUST 6, 2020  
 LJA ENGINEERING, INC.  
 D. FORREST  
 AUGUST 6, 2020  
 2025-4002 (9.2)

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

10) D. L. ELLIOTT ENTERPRISES, INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
<b>WATER ITEMS</b>					
1.	8" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	214	\$18.00	\$3,852.00
2.	12" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	5,372	\$27.00	\$145,044.00
3.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	5,586	\$1.00	\$5,586.00
4.	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	1,914	\$1.00	\$1,914.00
5.	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	4	\$900.00	\$3,600.00
6.	12" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	20	\$1,800.00	\$36,000.00
7.	8" PLUG AND CLAMP WITH 2" BLOW OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	2	\$1,200.00	\$2,400.00
8.	12" PLUG AND CLAMP WITH 2" BLOW OFF VALVE AND BOX ASSEMBLY, COMPLETE IN PLACE	EA	6	\$1,200.00	\$7,200.00
9.	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, FITTINGS, 6" GATE VALVE AND BOX, AND LEAD PIPE, COMPLETE IN PLACE	EA	16	\$4,200.00	\$67,200.00
10.	2" AIR RELEASE VALVE ASSEMBLY FOR WATERLINE INCLUDES SERVICE MANHOLE, VENT PIPING, AND BOLLARDS, COMPLETE IN PLACE	EA	1	\$7,500.00	\$7,500.00
11.	CAST IRON FITTINGS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	TON	4.2	\$2,000.00	\$8,400.00
12.	WET CONNECTION OF PROPOSED 12" WATERLINE TO EXISTING WATERLINE INCLUDES FITTINGS, ALL ADAPTERS AND CONNECTORS NECESSARY, AND REMOVAL OF EXISTING PLUG AND CLAMP AND 2" BLOW OFF VALVE AND BOX (ALL DEPTHS), COMPLETE IN PLACE	EA	1	\$700.00	\$700.00
<b>SUBTOTAL WATER ITEMS</b>					<b>\$289,396.00</b>
<b>SANITARY SEWER ITEMS</b>					
1.	8" PVC SEWER PIPE, ASTM D-2241, SDR-26, CLASS 160, 0'-8' CUT INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	512	\$21.00	\$10,752.00
2.	8" PVC SEWER PIPE, ASTM D-2241, SDR-26, CLASS 160, 8'-12' CUT INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2,152	\$25.00	\$53,800.00
3.	8" PVC SEWER PIPE, ASTM D-2241, SDR-26, CLASS 160, 12'-16' CUT INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2,189	\$31.00	\$67,859.00
4.	8" PVC SEWER PIPE, ASTM D-2241, SDR-26, CLASS 160, 16'-20' CUT INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	318	\$50.00	\$15,900.00
5.	8" PVC SEWER PIPE, ASTM D-2241, SDR-26, CLASS 160, 20'-24' CUT INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	194	\$75.00	\$14,550.00
6.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	5,365	\$1.00	\$5,365.00
7.	DEWATERING FOR SANITARY SEWER, ALL SIZES, ALL DEPTHS, (DIRECTED BY ENGINEER), COMPLETE IN PLACE	LF	3,500	\$25.00	\$87,500.00
8.	ADDITIONAL COST FOR SANITARY SEWER BEDDING & BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	3,500	\$15.00	\$52,500.00
9.	STANDARD 4' DIAMETER SANITARY SEWER MANHOLE (0' - 8' DEPTH), INCLUDES PLASTIC INFLOW PROTECTOR, PROTECTIVE INTERIOR COATING, AND ADJUSTMENTS, COMPLETE IN PLACE	EA	14	\$2,300.00	\$32,200.00

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 AUGUST 6, 2020  
 LJA ENGINEERING, INC.  
 D. FORREST  
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**BID OPENING DATE:**  
**BID OPENING LOCATION:**  
**TABULATION BY:**  
**TABULATION DATE:**  
**LJA JOB NO.**

10) D. L. ELLIOTT ENTERPRISES, INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
10.	EXTRA VERTICAL DEPTH FOR 4' DIAMETER SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	21	\$180.00	\$3,780.00
11.	STANDARD 5' DIAMETER SANITARY SEWER MANHOLE (0' - 10' DEPTH), INCLUDES PLASTIC INFLOW PROTECTOR, PROTECTIVE INTERIOR COATING, AND ADJUSTMENTS, COMPLETE IN PLACE	EA	22	\$4,500.00	\$99,000.00
12.	EXTRA VERTICAL DEPTH FOR 5' DIAMETER SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	126	\$275.00	\$34,650.00
13.	STANDARD SANITARY SEWER DROP STRUCTURE, ALL SIZES, (0-2' DROP), COMPLETE IN PLACE	EA	2	\$900.00	\$1,800.00
14.	EXTRA DEPTH ON SANITARY SEWER DROP (OVER 2' OF DEPTH), COMPLETE IN PLACE	VF	2	\$30.00	\$60.00
15.	SHORT SIDE SINGLE OR DOUBLE 6" GREEN 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	49	\$1,200.00	\$58,800.00
16.	LONG SIDE SINGLE OR DOUBLE 6" GREEN 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	1,387	\$34.00	\$47,158.00
17.	8" SANITARY SEWER PLUG, ALL DEPTHS, COMPLETE IN PLACE	EA	5	\$63.00	\$315.00
18.	UTILITY SPOIL TO BE USED FOR ONSITE FILL, SPREAD, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	1,941	\$1.00	\$1,941.00
19.	VIDEO INSPECTION OF SANITARY SEWER, ALL SIZES, INCLUDES DIGITAL COPY, COMPLETE IN PLACE	LF	5,365	\$1.40	\$7,511.00

**SUBTOTAL SANITARY SEWER ITEMS**

**\$595,441.00**

**STORM SEWER ITEMS**

1.	24" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	3,733	\$54.00	\$201,582.00
2.	30" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	307	\$67.00	\$20,569.00
3.	36" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	345	\$97.00	\$33,465.00
4.	48" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	1,304	\$148.00	\$192,992.00
5.	4'X2' RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	364	\$180.00	\$65,520.00
6.	7'X3' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	234	\$365.00	\$85,410.00
7.	6'X3' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	474	\$300.00	\$142,200.00
8.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	6,761	\$1.00	\$6,761.00
9.	DEWATERING FOR STORM SEWER, ALL SIZES, ALL DEPTHS, (ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	6,761	\$25.00	\$169,025.00
10.	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	34	\$2,300.00	\$78,200.00

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 LJA ENGINEERING, INC.  
 D. FORREST  
 AUGUST 6, 2020  
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10) D. L. ELLIOTT ENTERPRISES, INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
11.	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 42" STORM SEWER AND LARGER, INCLUDES ADJUSTMENTS, ALL SIZES, COMPLETE IN PLACE	EA	13	\$3,000.00	\$39,000.00
12.	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH REINFORCED CONCRETE TYPE "C" MANHOLE TOP, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	0	\$20,000.00	\$0.00
13.	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH REINFORCED CONCRETE TYPE "C" MANHOLE TOP FOR 4' X 2' BOX, 30" STORM, 36" STORM, COMPLETE IN PLACE	EA	1	\$10,000.00	\$10,000.00
14.	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH REINFORCED CONCRETE TYPE "C" MANHOLE TOP FOR 4' X 2' BOX, 4' X 2' BOX, 24" STORM, COMPLETE IN PLACE	EA	1	\$4,800.00	\$4,800.00
15.	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH REINFORCED CONCRETE TYPE "C" MANHOLE TOP FOR 6' X 3' BOX, 48" STORM, 24" STORM, COMPLETE IN PLACE	EA	1	\$9,800.00	\$9,800.00
16.	STAGE I - REINFORCED CONCRETE H-2 INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE 1 INLET, COMPLETE IN PLACE	EA	21	\$1,040.00	\$21,840.00
17.	STAGE II - REINFORCED CONCRETE H-2 INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	20	\$1,560.00	\$31,200.00
18.	STAGE I - REINFORCED CONCRETE 10' INLET, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE 1 INLET, COMPLETE IN PLACE	EA	8	\$2,720.00	\$21,760.00
19.	STAGE II - REINFORCED CONCRETE 10' INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	8	\$4,080.00	\$32,640.00
20.	REINFORCED CONCRETE 25' INLET ON PROPOSED 6' X 3' BOX CULVERT, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE 1 INLET, COMPLETE IN PLACE	EA	1	\$11,000.00	\$11,000.00
21.	REINFORCED CONCRETE H-2 INLET ON PROPOSED 6' X 3' BOX CULVERT INCLUDES INLET PROTECTION BARRIER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$1,800.00	\$3,600.00
22.	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH 8'X8' GRATE OPENING FOR 4' X 2' RCB AND 6' X 3' RCB, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$12,500.00	\$12,500.00
23.	REINFORCED CONCRETE BOX CULVERT OUTFALL STRUCTURE, INCLUDES CONCRETE SLOPE PAVING WITH 4' TOE WALL ALONG FLOWLINE OF CHANNEL, 3:1 S.E.T., 2' TOE WALL ON ALL OTHER SIDES, 5' (2" THICK) CEMENT STABILIZED SAND AROUND, AND ALL OTHER APPURTENANCES, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$17,000.00	\$34,000.00



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10) D. L. ELLIOTT ENTERPRISES, INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
24.	18" THICK CONCRETE RIP RAP, INCLUDES GEOTEXTILE FABRIC, COMPLETE IN PLACE	CY	152	\$180.00	\$27,360.00
25.	UTILITY SPOIL TO BE USED FOR ONSITE FILL, SPREAD, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	8,200	\$1.00	\$8,200.00
26.	ROCK FILTER DAM, TYPE 2, COMPLETE IN PLACE	EA	1	\$600.00	\$600.00
27.	3:1 SAFETY END TREATMENT FOR 7' X 3' RCB, COMPLETE IN PLACE	EA	4	\$3,500.00	\$14,000.00
<b>SUBTOTAL STORM SEWER ITEMS</b>					<b>\$1,278,024.00</b>
<b>MISCELLANEOUS ITEMS</b>					
1.	CONSTRUCTION STAKING BY THE CONTRACTOR PER LJA SURVEYING, COORDINATE WITH LUTHER DALY, 713.341.8087, COMPLETE IN PLACE	LS	1	\$15,300.00	\$15,300.00
2.	INSTALL, MAINTAIN, AND REMOVE CONCRETE WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$600.00	\$600.00
3.	INSTALL, MAINTAIN, AND REMOVE REINFORCED FILTER FABRIC FENCE (SILT BARRIER FENCING), ONLY AT THE DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	LF	21,243	\$1.30	\$27,615.90
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	2	\$1,600.00	\$3,200.00
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	\$1,500.00	\$1,500.00
6.	UTILITY SPOILS, INCLUDES HAULING EXCAVATED MATERIAL ONSITE, 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	\$1.00	\$1.00
7.	EXCAVATION AND GRADING OF EXTREME EVENT OVERFLOW SWALE, INCLUDES STRIPPING, STOCKPILING STRIPPINGS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LF	300	\$30.00	\$9,000.00
8.	BROADCAST SEEDING, INCLUDES FERTILIZING AND WATERING, TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	3.63	\$950.00	\$3,448.50
9.	HYDROMULCH SEEDING AND FINE GRADING, INCLUDES WATERING, TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	2	\$2,200.00	\$4,400.00
10.	EXTRA CEMENT STABILIZED SAND BACKFILL, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	CY	250	\$30.00	\$7,500.00
<b>SUBTOTAL MISCELLANEOUS ITEMS</b>					<b>\$72,565.40</b>
<b>BID SUMMARY</b>					
SUBTOTAL WATER ITEMS					\$289,396.00
SUBTOTAL SANITARY SEWER ITEMS					\$595,441.00
SUBTOTAL STORM SEWER ITEMS					\$1,278,024.00
SUBTOTAL MISCELLANEOUS ITEMS					\$72,565.40
<b>TOTAL AMOUNT BID</b>					<b>\$2,235,426.40</b>