

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES & PAVING AND APPURTENANCES TO SERVE BRIDGELAND JACK ROAD SECTION 5
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 491
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
FEBRUARY 11, 2025
LJA ENGINEERING, INC.
A.CAROTHERS
FEBRUARY 11, 2025
1104-6217 (9.2)

BID OPENING DATE:

BID OPENING LOCATION:

TABULATION BY:

TABULATION DATE:

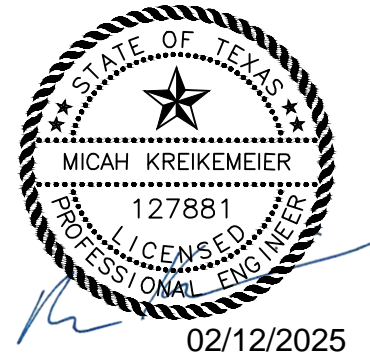
LJA JOB NO.

BIDDER NAME	BASE BID	ALTERNATE NO. 1 PLUS BASE BID	ALTERNATE NO. 2 PLUS BASE BID	ALTERNATE NO. 3 PLUS BASE BID	ALTERNATE NO. 4 PLUS BASE BID	
1) UNITAS CONSTRUCTION, INC.	\$9,907,022.00	\$9,978,882.00	\$9,934,147.00	\$10,076,726.72	\$10,012,022.00	160
2) CE BARKER LTD.	\$10,732,446.20	\$10,783,468.20	\$10,747,946.20	\$10,857,297.00	\$10,774,446.20	175

CALENDAR DAYS 160



I, Micah Kreikemeier , PE, hereby certify these bid tabulations to be true and correct.



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NO.	ITEM DESCRIPTION	UNIT	QTY	1) UNITAS CONSTRUCTION, INC.		2) CE BARKER LTD.	
				UNIT COST	TOTAL	UNIT COST	TOTAL
BASE BID WATER ITEMS							
1.	8" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	2052	\$34.00	\$69,768.00	\$40.00	\$82,080.00
2.	8" PVC RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	746	\$44.00	\$32,824.00	\$60.00	\$44,760.00
3.	12" PVC WATER LINE, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	2943	\$59.00	\$173,637.00	\$70.00	\$206,010.00
4.	12" PVC RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	591	\$82.00	\$48,462.00	\$100.00	\$59,100.00
5.	8" PVC WATER IRRIGATION LINE, C-900, DR 18, CLASS 235 (PURPLE PIPE), INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	909	\$34.00	\$30,906.00	\$40.00	\$36,360.00
6.	12" PVC WATER IRRIGATION LINE, C-900, DR 18, CLASS 235 (PURPLE PIPE), INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	1175	\$67.00	\$78,725.00	\$70.00	\$82,250.00
7.	12" PVC RESTRAINED JOINT WATER IRRIGATION LINE, C-900, DR 18, CLASS 235 (PURPLE PIPE), INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	259	\$84.00	\$21,756.00	\$115.00	\$29,785.00
8.	16" PVC WATER IRRIGATION LINE, C-900, DR 18, CLASS 235 (PURPLE PIPE), INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	1143	\$510.00	\$582,930.00	\$85.00	\$97,155.00
9.	16" PVC RESTRAINED JOINT WATER IRRIGATION LINE, C-900, DR 18, CLASS 235 (PURPLE PIPE), INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	30	\$163.00	\$4,890.00	\$235.00	\$7,050.00
10.	20" PVC WATER IRRIGATION LINE, C-900, DR 18, CLASS 235 (PURPLE PIPE), INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	1195	\$110.00	\$131,450.00	\$120.00	\$143,400.00
11.	20" PVC RESTRAINED JOINT WATER IRRIGATION LINE, C-900, DR 18, CLASS 235 (PURPLE PIPE), INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	223	\$160.00	\$35,680.00	\$255.00	\$56,865.00
12.	TRENCH SAFETY SYSTEM FOR WATER LINE, INCLUDES ALL LATERAL LEADS, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	11336	\$0.10	\$1,133.60	\$1.00	\$11,336.00
13.	STEEL CASING FOR 8" WATER LINE AT ALL PAVEMENT CROSSINGS, INCLUDES CEMENT STABILIZED SAND, SPACERS, AND END SEALS, COMPLETE IN PLACE	LF	508	\$74.00	\$37,592.00	\$75.00	\$38,100.00
14.	STEEL CASING FOR 12" WATER LINE AT ALL PAVEMENT CROSSINGS, INCLUDES CEMENT STABILIZED SAND, SPACERS, AND END SEALS, COMPLETE IN PLACE	LF	231	\$100.00	\$23,100.00	\$100.00	\$23,100.00
15.	STEEL CASING FOR 12" WATER IRRIGATION LINE AT ALL PAVEMENT CROSSINGS, INCLUDES CEMENT STABILIZED SAND, SPACERS, AND END SEALS, COMPLETE IN PLACE	LF	189	\$102.00	\$19,278.00	\$100.00	\$18,900.00

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LJA JOB NO.

HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 491
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
FEBRUARY 11, 2025
LJA ENGINEERING, INC.
A.CAROTHERS
FEBRUARY 11, 2025
1104-6217 (9.2)

NO.	ITEM DESCRIPTION	UNIT	QTY	1) UNITAS CONSTRUCTION, INC.		2) CE BARKER LTD.	
				UNIT COST	TOTAL	UNIT COST	TOTAL
16.	STEEL CASING FOR 16" WATER IRRIGATION LINE AT ALL PAVEMENT CROSSINGS, INCLUDES CEMENT STABILIZED SAND, SPACERS, AND END SEALS, COMPLETE IN PLACE	LF	87	\$125.00	\$10,875.00	\$150.00	\$13,050.00
17.	PLUG & CLAMP WITH 2" BLOW-OFF VALVE & BOX ASSEMBLY, ALL SIZES, COMPLETE IN PLACE	EA	8	\$1,600.00	\$12,800.00	\$2,000.00	\$16,000.00
18.	FLUSHING VALVE UNIT, INCLUDES APPROPRIATE TEE, FITTINGS, 6" GATE VALVE & BOX, AND LEAD PIPE, ALL DEPTHS, COMPLETE IN PLACE	EA	17	\$5,800.00	\$98,600.00	\$6,700.00	\$113,900.00
19.	WET CONNECTION OF PROPOSED 12" WATER LINE TO EXISTING WATER LINE, INCLUDES FITTINGS, ALL ADAPTERS AND CONNECTORS NECESSARY, AND REMOVAL OF EXISTING PLUG & CLAMP AND 2" BLOW-OFF VALVE & BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$690.00	\$690.00	\$2,000.00	\$2,000.00
20.	WET CONNECTION OF PROPOSED 20" WATER IRRIGATION LINE TO EXISTING WATER IRRIGATION LINE, INCLUDES FITTINGS, ALL ADAPTERS AND CONNECTORS NECESSARY, AND REMOVAL OF EXISTING PLUG & CLAMP AND 2" BLOW-OFF VALVE & BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,100.00	\$2,100.00	\$5,500.00	\$5,500.00
21.	8" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE"	EA	12	\$1,700.00	\$20,400.00	\$2,300.00	\$27,600.00
22.	12" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	7	\$3,300.00	\$23,100.00	\$4,000.00	\$28,000.00
23.	16" AWWA BUTTERFLY VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE"	EA	2	\$7,000.00	\$14,000.00	\$10,000.00	\$20,000.00
24.	2" AIR RELEASE VALVE ASSEMBLY FOR WATER LINE, COMPLETE IN PLACE	EA	2	\$9,000.00	\$18,000.00	\$8,000.00	\$16,000.00
25.	2" AIR RELEASE VALVE ASSEMBLY FOR IRRIGATION WATER LINE, COMPLETE IN PLACE	EA	1	\$11,000.00	\$11,000.00	\$8,000.00	\$8,000.00
26.	8" PVC IRRIGATION SLEEVE, SCHEDULE 40, INCLUDES RISERS, PVC END CAPS, CEMENT STABILIZED SAND BACKFILL AND MARKERS, COMPLETE IN PLACE	LF	950	\$42.00	\$39,900.00	\$20.00	\$19,000.00
27.	INSTALL 4" IRRIGATION TAP AND 4" GATE VALVE, COMPLETE IN PLACE	EA	5	\$3,500.00	\$17,500.00	\$3,500.00	\$17,500.00
28.	DRY AUGER FOR 12" WATER LINE, (EXCLUDES CARRIER PIPE), INCLUDES BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	70	\$320.00	\$22,400.00	\$200.00	\$14,000.00
29.	DRY AUGER FOR 12" IRRIGATION WATER LINE, (EXCLUDES CARRIER PIPE) INCLUDES BORE PITS, ALL DETPHS, COMPLETE IN PLACE	LF	70	\$320.00	\$22,400.00	\$200.00	\$14,000.00
SUBTOTAL BASE BID WATER ITEMS					\$1,605,896.60		\$1,250,801.00
BASE BID SANITARY SEWER ITEMS							
1.	10" PVC SEWER PIPE, ASTM D-2241, SDR 26, 8' - 12' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	151	\$46.00	\$6,946.00	\$70.00	\$10,570.00
2.	10" PVC SEWER PIPE, ASTM D-2241, SDR 26, 16' - 20' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	135	\$60.00	\$8,100.00	\$100.00	\$13,500.00
3.	10" PVC FORCE MAIN, C-900, DR 18, CLASS 235, INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	1460	\$58.00	\$84,680.00	\$70.00	\$102,200.00

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LJA ENGINEERING, INC.
A.CAROTHERS
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NO.	ITEM DESCRIPTION	UNIT	QTY	1) UNITAS CONSTRUCTION, INC.		2) CE BARKER LTD.	
				UNIT COST	TOTAL	UNIT COST	TOTAL
4.	TRENCH SAFETY SYSTEM FOR SANITARY SEWER, INCLUDES ALL LATERAL LEADS, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	1730	\$0.10	\$173.00	\$1.00	\$1,730.00
5.	VIDEO INSPECTION OF SANITARY SEWER, ALL SIZES, INCLUDES DIGITAL COPY, COMPLETE IN PLACE	LF	500	\$3.00	\$1,500.00	\$2.00	\$1,000.00
6.	STEEL CASING FOR 10" SANITARY SEWER, INCLUDES SPACERS AND END SEALS, COMPLETE IN PLACE	LF	221	\$98.00	\$21,658.00	\$150.00	\$33,150.00
7.	CORE INTO EXISTING CORROSION RESISTANT SANITARY SEWER MANHOLE AND CONNECT PROPOSED 10" FORCE MAIN, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,800.00	\$2,800.00	\$10,000.00	\$10,000.00
8.	EXTRA VERTICAL DEPTH OF SANITARY SEWER MANHOLES (OVER 8' DEPTH), ALL SIZES, COMPLETE IN PLACE	VF	28	\$185.00	\$5,180.00	\$500.00	\$14,000.00
9.	STANDARD SANITARY SEWER MANHOLE (0'-8' DEPTH), (INCLUDES INFLOW PROTECTOR), COMPLETE IN PLACE	EA	2	\$2,200.00	\$4,400.00	\$5,000.00	\$10,000.00
10.	STANDARD 4' DIAMETER PRECAST SANITARY SEWER MANHOLE, SEALED AND VENTED, (0' - 8' DEPTH), INCLUDES PROTECTIVE INTERIOR COATING AND ADJUSTMENTS, COMPLETE IN PLACE	EA	2	\$5,300.00	\$10,600.00	\$8,000.00	\$16,000.00
11.	10" SANITARY SEWER PLUG AND CLAMP FOR FORCE MAIN, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$850.00	\$850.00	\$1,000.00	\$1,000.00
12.	DRY AUGER 10" FORCE MAIN, (EXCLUDES CARRIER PIPE), INCLUDES BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	70	\$325.00	\$22,750.00	\$200.00	\$14,000.00
SUBTOTAL BASE BID SANITARY SEWER ITEMS					\$169,637.00		\$227,150.00
BASE BID DRAINAGE FACILITIES ITEMS							
1.	24" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	1195	\$75.00	\$89,625.00	\$125.00	\$149,375.00
2.	30" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	575	\$95.00	\$54,625.00	\$150.00	\$86,250.00
3.	36" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	359	\$138.00	\$49,542.00	\$200.00	\$71,800.00
4.	48" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	633	\$200.00	\$126,600.00	\$300.00	\$189,900.00
5.	54" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	1333	\$300.00	\$399,900.00	\$400.00	\$533,200.00
6.	7' X 4' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	557	\$700.00	\$389,900.00	\$800.00	\$445,600.00
7.	9' X 8' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	1248	\$1,100.00	\$1,372,800.00	\$1,300.00	\$1,622,400.00
8.	10' X 8' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	44	\$1,200.00	\$52,800.00	\$1,525.00	\$67,100.00

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NO.	ITEM DESCRIPTION	UNIT	QTY	1) UNITAS CONSTRUCTION, INC.		2) CE BARKER LTD.	
				UNIT COST	TOTAL	UNIT COST	TOTAL
9.	10' X 9' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	395	\$1,300.00	\$513,500.00	\$1,600.00	\$632,000.00
10.	11' X 6' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	116	\$1,400.00	\$162,400.00	\$1,550.00	\$179,800.00
11.	11' X 8' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	115	\$1,500.00	\$172,500.00	\$1,800.00	\$207,000.00
12.	14' X 10' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	200	\$1,900.00	\$380,000.00	\$2,300.00	\$460,000.00
13.	TRENCH SAFETY SYSTEM FOR STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	6752	\$0.10	\$675.20	\$1.00	\$6,752.00
14.	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$2,900.00	\$5,800.00	\$3,400.00	\$6,800.00
15.	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 48" STORM SEWER AND LARGER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$5,100.00	\$30,600.00	\$6,000.00	\$36,000.00
16.	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH REINFORCED CONCRETE TYPE "C" MANHOLE TOP, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	9	\$27,000.00	\$243,000.00	\$39,000.00	\$351,000.00
17.	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH REINFORCED CONCRETE TYPE "E" INLET TOP, ALL SIDES OPEN, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$16,000.00	\$16,000.00	\$24,000.00	\$24,000.00
18.	STAGE I - MODIFIED REINFORCED CONCRETE TYPE "C-2" INLET, (15' MINIMUM INSIDE OPENING), INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	22	\$1,300.00	\$28,600.00	\$2,400.00	\$52,800.00
19.	STAGE II - MODIFIED REINFORCED CONCRETE TYPE "C-2" INLET, (15' MINIMUM INSIDE OPENING), ALL DEPTHS, COMPLETE IN PLACE	EA	22	\$1,600.00	\$35,200.00	\$2,800.00	\$61,600.00
20.	STANDARD REINFORCED CONCRETE PRECAST TYPE "D" INLET, INCLUDES INLET PROTECTION BARRIER, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$2,900.00	\$5,800.00	\$6,000.00	\$12,000.00
21.	REINFORCED CONCRETE BOX CULVERT OUTFALL STRUCTURE, INCLUDES 18" TOE ALL AROUND, 18" CLAY LINER BELOW ALL SLOPE PAVING, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$6,000.00	\$12,000.00	\$15,000.00	\$30,000.00
22.	4" REINFORCED CONCRETE SLOPE PAVEMENT WITH TOE WALLS ALL AROUND, COMPLETE IN PLACE	SY	114	\$100.00	\$11,400.00	\$150.00	\$17,100.00
23.	6:1 SAFETY END TREATMENT FOR 24" STORM SEWER, COMPLETE IN PLACE	EA	4	\$1,300.00	\$5,200.00	\$2,500.00	\$10,000.00
24.	6:1 SAFETY END TREATMENT FOR 7' X 4' BOX CULVERT, INCLUDES PIPE RUNNERS, COMPLETE IN PLACE	EA	4	\$5,000.00	\$20,000.00	\$10,000.00	\$40,000.00
25.	EXCAVATION AND GRADING OF DRAINAGE SWALE, 4:1 MINIMUM SIDE SLOPE - V-BOTTOM, (ALL DEPTHS), INCLUDES HAULING OF SPOIL MATERIAL, STRIPPING, STOCKPILING STRIPPINGS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LF	5577	\$5.00	\$27,885.00	\$3.00	\$16,731.00

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				UNIT COST	TOTAL	UNIT COST	TOTAL
26.	EXCAVATION AND GRADING OF DRAINAGE SWALE, 4:1 MINIMUM SIDE SLOPE - 12" BOTTOM, (ALL DEPTHS), INCLUDES HAULING OF SPOIL MATERIAL, STRIPPING, STOCKPILING STRIPPINGS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LF	1713	\$10.00	\$17,130.00	\$5.00	\$8,565.00
27.	REGRADE EXISTING DRAINAGE SWALE, INCLUDES EXCAVATION, STRIPPING, STOCKPILING STRIPPINGS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LF	1450	\$4.00	\$5,800.00	\$5.00	\$7,250.00
28.	8" BRICK PLUG FOR 14' X 10' REINFORCED CONCRETE BOX CULVERT, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$4,900.00	\$9,800.00	\$5,000.00	\$10,000.00
SUBTOTAL BASE BID DRAINAGE FACILITIES ITEMS					\$4,239,082.20		\$5,335,023.00
BASE BID MISCELLANEOUS ITEMS							
1.	8" PVC IRRIGATION SLEEVE, SCHEDULE 40, INCLUDES RISERS, PVC END CAPS, CEMENT STABILIZED SAND BACKFILL AND MARKERS, COMPLETE IN PLACE	LF	500	\$50.00	\$25,000.00	\$20.00	\$10,000.00
2.	DEWATERING AND WET SAND CONSTRUCTION AS PER DETAILS AND RECOMMENDED BY GEOTECHNICAL ENGINEER FOR SANITARY SEWER, (AS DIRECTED BY ENGINEER), ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	500	\$50.00	\$25,000.00	\$50.00	\$25,000.00
3.	DEWATERING AND WET SAND CONSTRUCTION AS PER DETAILS AND RECOMMENDED BY GEOTECHNICAL ENGINEER FOR STORM SEWER, (AS DIRECTED BY ENGINEER), ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	3000	\$50.00	\$150,000.00	\$50.00	\$150,000.00
4.	CLEARING AND GRUBBING, INCLUDES ROOT RAKING AND BACK DRAGGING, AND OFFSITE DISPOSAL OF CLEARED AND GRUBBED MATERIAL, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	1	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00
5.	UTILITY SPOILS, INCLUDES HAULING EXCAVATED MATERIAL ONSITE, INCLUDES STRIPPING, STOCKPILING STRIPPINGS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, FINAL GRADING, AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	22237	\$3.00	\$66,711.00	\$1.00	\$22,237.00
6.	EXTRA CEMENT STABILIZED SAND BACKFILL, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	CY	100	\$25.00	\$2,500.00	\$45.00	\$4,500.00
7.	EXTRA 18" THICK CONCRETE RIP RAP, PER DETAIL, INCLUDES GEOTEXTILE FABRIC, COMPLETE IN PLACE	SY	100	\$100.00	\$10,000.00	\$75.00	\$7,500.00
SUBTOTAL BASE BID MISCELLANEOUS ITEMS					\$286,711.00		\$226,737.00
BASE BID PAVING ITEMS							
1.	ROADWAY EXCAVATION TO BE USED FOR FILL TO FINAL GRADE WITHIN THE PROJECT LIMITS, INCLUDES STRIPPING, STOCKPILING STRIPPINGS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	22297	\$5.00	\$111,485.00	\$5.00	\$111,485.00

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES & PAVING AND APPURTENANCES TO SERVE BRIDGELAND JACK ROAD SECTION 5

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

HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 491
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
FEBRUARY 11, 2025
LJA ENGINEERING, INC.
A.CAROTHERS
FEBRUARY 11, 2025
1104-6217 (9.2)

NO.	ITEM DESCRIPTION	UNIT	QTY	1) UNITAS CONSTRUCTION, INC.		2) CE BARKER LTD.	
				UNIT COST	TOTAL	UNIT COST	TOTAL
2.	IMPORT OF OFFSITE FILL, INCLUDES STRIPPING, STOCKPILING STRIPPINGS, HAUL, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	95143	\$2.00	\$190,286.00	\$6.00	\$570,858.00
3.	10" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	27934	\$85.00	\$2,374,390.00	\$69.00	\$1,927,446.00
4.	2" TYPE "D" HMAC PAVING WITH 8" BLACK BASE AND PRIME COAT, COMPLETE IN PLACE	SY	635	\$144.00	\$91,440.00	\$75.00	\$47,625.00
5.	8" LIME/FLY ASH STABILIZED SUBGRADE MANIPULATION, COMPLETE IN PLACE	SY	30734	\$4.00	\$122,936.00	\$8.00	\$245,872.00
6.	HYDRATED LIME FOR 8" STABILIZED SUBGRADE PREPARATION, 16 LBS/SY, AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	245.87	\$330.00	\$81,137.10	\$300.00	\$73,761.00
7.	FLY ASH FOR 8" STABILIZED SUBGRADE PREPARATION, 65 LBS/SY, AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	998.86	\$135.00	\$134,846.10	\$150.00	\$149,829.00
8.	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	19230	\$4.00	\$76,920.00	\$4.00	\$76,920.00
9.	DEMUCK AND FILL EXISTING DRAINAGE SWALE, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, COMPLETE IN PLACE	LF	2100	\$5.00	\$10,500.00	\$5.00	\$10,500.00
10.	6" REINFORCED CONCRETE DRIVEWAY WITH 6" STABILIZED BASE, COMPLETE IN PLACE	SY	41	\$85.00	\$3,485.00	\$150.00	\$6,150.00
11.	REMOVE AND OFFSITE DISPOSAL OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	2	\$1.00	\$2.00	\$250.00	\$500.00
12.	2' SAWCUT, REMOVE AND OFFSITE DISPOSAL OF EXISTING 10" ASPHALT, EXPOSE, CLEAN, AND TIE INTO PROPOSED 10" ASPHALT, COMPLETE IN PLACE	LF	151	\$10.00	\$1,510.00	\$10.00	\$1,510.00
13.	PERMANENT TRAFFIC CONTROL DEVICES, INCLUDES ALL TRAFFIC BUTTONS, PAVEMENT STRIPING, MARKERS, REFLECTIVE PAINT ON MEDIAN NOSES, STREET SIGNS, TRAFFIC SIGNS, ETC., COMPLETE IN PLACE	LS	1	\$21,000.00	\$21,000.00	\$15,000.00	\$15,000.00
14.	ADA RAMPS, INCLUDES TRUNCATED DOME PAVERS WITH CONTRASTING COLOR PER DETAIL, COMPLETE IN PLACE	EA	4	\$1,650.00	\$6,600.00	\$1,900.00	\$7,600.00
SUBTOTAL BASE BID PAVING ITEMS					\$3,226,537.20		\$3,245,056.00
BASE BID DETENTION POND ITEMS							
1.	DETENTION EXCAVATION TO BE USED FOR FILL TO FINAL GRADE WITHIN THE PROJECT LIMITS, INCLUDES STRIPPING, STOCKPILING STRIPPINGS, PLACEMENT AND COMPACTION TO 95% STANDARD PROCTOR DENSITY, WITH MAXIMUM 8" LIFTS, AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	37368	\$5.00	\$186,840.00	\$6.00	\$224,208.00
2.	60" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	367	\$340.00	\$124,780.00	\$450.00	\$165,150.00

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES & PAVING AND APPURTENANCES TO SERVE BRIDGELAND JACK ROAD SECTION 5

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

HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 491
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
FEBRUARY 11, 2025
LJA ENGINEERING, INC.
A.CAROTHERS
FEBRUARY 11, 2025
1104-6217 (9.2)

NO.	ITEM DESCRIPTION	UNIT	QTY	1) UNITAS CONSTRUCTION, INC.		2) CE BARKER LTD.	
				UNIT COST	TOTAL	UNIT COST	TOTAL
3.	REINFORCED CONCRETE PIPE OUTFALL STRUCTURE, INCLUDES 18" TOE ALL AROUND, 18" CLAY LINER BELOW ALL SLOPE PAVING, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE"	EA	1	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00
4.	4" REINFORCED CONCRETE SLOPE PAVEMENT WITH TOE WALLS ALL AROUND, COMPLETE IN PLACE	SY	48	\$100.00	\$4,800.00	\$120.00	\$5,760.00
5.	18" THICK CONCRETE RIP RAP, INCLUDES GEOTEXTILE FABRIC, COMPLETE IN PLACE	SY	56	\$100.00	\$5,600.00	\$95.00	\$5,320.00
6.	FLOATABLES COLLECTION SCREEN AND STRUCTURE (SEE DETAILS ON SHEETS 78-80), COMPLETE IN PLACE	EA	1	\$12,000.00	\$12,000.00	\$10,000.00	\$10,000.00
SUBTOTAL BASE BID DETENTION POND ITEMS					\$349,020.00		\$420,438.00
BASE BID PAVING MISCELLANEOUS ITEMS							
1.	EXTRA TRAFFIC CONTROL SIGNS, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$1,200.00	\$1,200.00
2.	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
3.	INSTALL, MAINTAIN, AND REMOVE CONCRETE TRUCK WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$200.00	\$200.00	\$750.00	\$750.00
4.	INSTALL, MAINTAIN, AND REMOVE STABILIZED CONSTRUCTION EXIT, AND REGRADE AREA TO MATCH FINISHED GRADE, COMPLETE IN PLACE	EA	2	\$1,500.00	\$3,000.00	\$2,000.00	\$4,000.00
5.	REMOVE AND OFFSITE DISPOSAL OF BARB WIRE FENCE, COMPLETE IN PLACE	LF	176	\$2.00	\$352.00	\$6.20	\$1,091.20
6.	REMOVE EXISTING STRIPING, BUTTONS, AND SIGNAGE, COMPLETE IN PLACE	LS	1	\$2,000.00	\$2,000.00	\$3,100.00	\$3,100.00
7.	AS BUILT SURVEY OF FINAL LOT GRADING, BERMS, SWALES, AND FILL AREAS, INCLUDING GRADE STAKES ON PERIMETER REAL LOT PINS FOR OWNER'S FENCE, INCLUDES AN EXHIBIT CERTIFIED BY A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF TEXAS, AS WELL AS AN AUTOCAD FILE OF SURVEY (PERSECTION 5.2 IN BID SPECIFICATIONS AND SECTION 01000 "GENERAL REQUIREMENTS"), COMPLETE IN PLACE	LS	1	\$2,849.00	\$2,849.00	\$2,800.00	\$2,800.00
8.	AS BUILT SURVEY OF M.H. AND INLET INVERT ELEVATIONS, AND TOP OF CURB AND GUTTER LINE OF BOULEVARD MEDIANS AND CUL-DE-SAC ISLANDS, INCLUDES AN EXHIBIT CERTIFIED BY A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF TEXAS, AS WELL AS AN AUTOCAD FILE OF SURVEY (PER SECTION 5.2 IN BID SPECIFICATIONS AND SECTION 01000 "GENERAL REQUIREMENTS"), COMPLETE IN PLACE	LS	1	\$14,737.00	\$14,737.00	\$7,500.00	\$7,500.00
9.	AS BUILT SURVEY OF ALL PAVEMENT HIGH POINTS, LOW POINTS, TOP OF CURB AND GUTTER LINE, AND LOT CORNERS, INCLUDES AN EXHIBIT CERTIFIED BY A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF TEXAS, AS WELL AS AN AUTOCAD FILE OF SURVEY (PER SECTION 5.2 IN BID SPECIFICATIONS AND SECTION 01000 "GENERAL REQUIREMENTS"), COMPLETE IN PLACE	LS	1	\$5,500.00	\$5,500.00	\$5,800.00	\$5,800.00
SUBTOTAL BASE BID PAVING MISCELLANEOUS ITEMS					\$30,138.00		\$27,241.20

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES & PAVING AND APPURTENANCES TO SERVE BRIDGELAND JACK ROAD SECTION 5

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

HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 491
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
FEBRUARY 11, 2025
LJA ENGINEERING, INC.
A.CAROTHERS
FEBRUARY 11, 2025
1104-6217 (9.2)

NO.	ITEM DESCRIPTION	UNIT	QTY	1) UNITAS CONSTRUCTION, INC.		2) CE BARKER LTD.	
				UNIT COST	TOTAL	UNIT COST	TOTAL
ALTERNATE NO. 1 ALTERNATE BID ITEM NO. 1							
1.	CONSTRUCT 6" THICK CRUSHED CONCRETE OR GRAVEL ROAD WITH 6" STABILIZED SUBGRADE, (AS DIRECTED BY GEOTECHNICAL ENGINEER), INCLUDES GEOTEXTILE FABRIC, COMPLETE IN PLACE	SY	378	\$25.00	\$9,450.00	\$55.00	\$20,790.00
2.	REMOVE AND RELOCATE 6" THICK CRUSHED CONCRETE OR GRAVEL ROAD	SY	3658	\$15.00	\$54,870.00	\$4.00	\$14,632.00
3.	REMOVE AND RELOCATE EXISTING 36" STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE	LF	52	\$145.00	\$7,540.00	\$300.00	\$15,600.00
SUBTOTAL ALTERNATE NO. 1 ALTERNATE BID ITEM NO. 1					\$71,860.00		\$51,022.00
ALTERNATE NO. 2 ALTERNATE BID ITEM NO. 2							
1.	HYDROMULCH SEEDING AND FINE GRADING, INCLUDES WATERING, TO ACHIEVE 90% HOMOGENEOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	7.75	\$3,500.00	\$27,125.00	\$2,000.00	\$15,500.00
SUBTOTAL ALTERNATE NO. 2 ALTERNATE BID ITEM NO. 2					\$27,125.00		\$15,500.00
ALTERNATE NO. 3 ALTERNATE BID ITEMS NO. 3							
1.	CEMENT FOR 8" STABILIZED SUBGRADE PREPARATION. 80 ;LBS/SY, AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECHNICAL ENGINEER, TO BE USED IN LIEU OF PAVING ITEMS NO. 6 & 7, COMPLETE IN PLACE	TON	1201.52	\$321.00	\$385,687.92	\$290.00	\$348,440.80
SUBTOTAL ALTERNATE NO. 3 ALTERNATE BID ITEMS NO. 3					\$385,687.92		\$348,440.80
ALTERNATE NO. 4 ALTERNATE BID ITEMS NO. 4							
1.	DRY AUGER AND STEEL CASING FOR 12" WATER LINE, (EXCLUDES CARRIER PIPE), INCLUDES BORE PITS, SPACERS AND END SEALS, ALL DEPTHS, COMPLETE IN PLACE	LF	70	\$500.00	\$35,000.00	\$200.00	\$14,000.00
2.	DRY AUGER AND STEEL CASING FOR 12" IRRIGATION WATER LINE, (EXCLUDES CARRIER PIPE), INCLUDES BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	70	\$500.00	\$35,000.00	\$200.00	\$14,000.00
3.	DRY AUGER AND STEEL CASING FOR 10" FORCE MAIN, (EXCLUDES CARRIER PIPE), INCLUDES BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	70	\$500.00	\$35,000.00	\$200.00	\$14,000.00
SUBTOTAL ALTERNATE NO. 4 ALTERNATE BID ITEMS NO. 4					\$105,000.00		\$42,000.00
BID SUMMARY							
BASE BID WATER ITEMS					\$1,605,896.60		\$1,250,801.00
BASE BID SANITARY SEWER ITEMS					\$169,637.00		\$227,150.00
BASE BID DRAINAGE FACILITIES ITEMS					\$4,239,082.20		\$5,335,023.00
BASE BID MISCELLANEOUS ITEMS					\$286,711.00		\$226,737.00
BASE BID PAVING ITEMS					\$3,226,537.20		\$3,245,056.00
BASE BID DETENTION POND ITEMS					\$349,020.00		\$420,438.00
BASE BID PAVING MISCELLANEOUS ITEMS					\$30,138.00		\$27,241.20

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES & PAVING AND APPURTENANCES TO SERVE BRIDGELAND JACK ROAD SECTION 5

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LJA JOB NO.

HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 491
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
FEBRUARY 11, 2025
LJA ENGINEERING, INC.
A.CAROTHERS
FEBRUARY 11, 2025
1104-6217 (9.2)

NO.	ITEM DESCRIPTION	UNIT	QTY	1) UNITAS CONSTRUCTION, INC.		2) CE BARKER LTD.	
				UNIT COST	TOTAL	UNIT COST	TOTAL
TOTAL AMOUNT BASE BID					\$9,907,022.00		\$10,732,446.20
ALTERNATE NO. 1							
TOTAL AMOUNT BASE BID					\$9,907,022.00		\$10,732,446.20
ALTERNATE BID ITEM NO. 1					\$71,860.00		\$51,022.00
TOTAL ALTERNATE NO. 1 PLUS BASE BID					\$9,978,882.00		\$10,783,468.20
ALTERNATE NO. 2							
TOTAL AMOUNT BASE BID					\$9,907,022.00		\$10,732,446.20
ALTERNATE BID ITEM NO. 2					\$27,125.00		\$15,500.00
TOTAL ALTERNATE NO. 2 PLUS BASE BID					\$9,934,147.00		\$10,747,946.20
ALTERNATE NO. 3							
TOTAL AMOUNT BASE BID					\$9,907,022.00		\$10,732,446.20
DEDUCT PAVING ITEMS ITEM NO. 6					-\$81,137.10		-\$73,761.00
DEDUCT PAVING ITEMS ITEM NO. 7					-\$134,846.10		-\$149,829.00
ALTERNATE BID ITEMS NO. 3					\$385,687.92		\$348,440.80
TOTAL ALTERNATE NO. 3 PLUS BASE BID					\$10,076,726.72		\$10,857,297.00
ALTERNATE NO. 4							
TOTAL AMOUNT BASE BID					\$9,907,022.00		\$10,732,446.20
ALTERNATE BID ITEMS NO. 4					\$105,000.00		\$42,000.00
TOTAL ALTERNATE NO. 4 PLUS BASE BID					\$10,012,022.00		\$10,774,446.20