

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES & PAVING AND APPURTENANCES TO SERVE BRIDGELAND JACK ROAD SECTION 3
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 491
CITY OF HOUSTON E.T.J., HARRIS COUNTY, TEXAS
DECEMBER 20, 2024
LJA ENGINEERING, INC.
A.CAROTHERS
DECEMBER 20, 2024
1104-6208 (9.2)

BID OPENING DATE:

BID OPENING LOCATION:

TABULATION BY:

TABULATION DATE:

LJA JOB NO.

BIDDER NAME

BASE BID

- | | |
|------------------------------|----------------|
| 1) UNITAS CONSTRUCTION, INC. | \$2,007,714.00 |
| 2) CE BARKER LTD. | \$2,886,099.90 |

CALENDAR DAYS -80



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



12/24/2024

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NO.	ITEM DESCRIPTION	UNIT	QTY	1) UNITAS CONSTRUCTION, INC.		2) CE BARKER LTD.	
				UNIT COST	TOTAL	UNIT COST	TOTAL
WATER ITEMS							
1.	16" PVC WATER IRRIGATION LINE, C-900, DR 18, CLASS 235 (PURPLE PIPE), INCLUDES FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	310	\$85.00	\$26,350.00	\$175.00	\$54,250.00
2.	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	438	\$125.00	\$54,750.00	\$165.00	\$72,270.00
3.	TRENCH SAFETY SYSTEM FOR WATER LINE, INCLUDES ALL LATERAL LEADS, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	748	\$1.00	\$748.00	\$1.30	\$972.40
4.	ADJUST EXISTING WATERLINE AIR RELEASE VALVE ASSEMBLY, INCLUDING SERVICE MANHOLE, WITH RIM TO 6" ABOVE PROPOSED TOP OF CURB, COMPELTE IN PLACE	EA	2	\$4,100.00	\$8,200.00	\$4,050.00	\$8,100.00
5.	2" AIR RELEASE VALVE ASSEMBLY FOR NON-POTABLE WATER LINE, INCLUDES SERVICE MANHOLE, VENT PIPING, AND BOLLARDS, COMPLETE IN PLACE	EA	2	\$11,000.00	\$22,000.00	\$48,600.00	\$97,200.00
6.	EXTRA VERTICAL DEPTH OF WATER AIR RELEASE VALVE, (OVER 8' DEPTH), ALL SIZES, COMPLETE IN PLACE	VF	13	\$300.00	\$3,900.00	\$1,375.00	\$17,875.00
7.	WET CONNECTION OF PROPOSED 16" 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	2	\$1,600.00	\$3,200.00	\$7,800.00	\$15,600.00
SUBTOTAL WATER ITEMS					\$119,148.00		\$266,267.40
SANITARY SEWER ITEMS							
1.	ADJUST EXISTING SANITARY SEWER AIR RELEASE VALVE ASSEMBLY, INCLUDING SERVICE MANHOLE, WITH RIM TO 6" ABOVE PROPOSED TOP OF CURB, COMPLETE IN PLACE	EA	1	\$4,500.00	\$4,500.00	\$10,450.00	\$10,450.00
2.	EXTRA VERTICAL DEPTH OF SANITARY AIR RELEASE VALVES, (OVER 8' DEPTH), ALL SIZES, COMPLETE IN PLACE	VF	7	\$160.00	\$1,120.00	\$1,250.00	\$8,750.00
SUBTOTAL SANITARY SEWER ITEMS					\$5,620.00		\$19,200.00
DRAINAGE FACILITIES ITEMS							
1.	24" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	462	\$79.00	\$36,498.00	\$185.00	\$85,470.00
2.	30" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	139	\$100.00	\$13,900.00	\$215.00	\$29,885.00
3.	36" RCP STORM SEWER, ASTM C-76, CLASS III, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	19	\$140.00	\$2,660.00	\$365.00	\$6,935.00
4.	CONSTRUCT REINFORCED CONCRETE TYPE "C" MANHOLE TOP ON EXISTING 6'X4' STORM SEWER, INCLUDES ADJUSTMENTS AND APPURTENANCES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,800.00	\$2,800.00	\$4,235.00	\$4,235.00
5.	5' X 4' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	382	\$420.00	\$160,440.00	\$650.00	\$248,300.00

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NO.	ITEM DESCRIPTION	UNIT	QTY	1) UNITAS CONSTRUCTION, INC.		2) CE BARKER LTD.	
				UNIT COST	TOTAL	UNIT COST	TOTAL
6.	6' X 4' REINFORCED CONCRETE BOX CULVERT, ASTM C-1433, INCLUDES BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	449	\$510.00	\$228,990.00	\$775.00	\$347,975.00
7.	TRENCH SAFETY SYSTEM FOR STORM SEWER, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	2500	\$1.00	\$2,500.00	\$1.30	\$3,250.00
8.	REINFORCED CONCRETE TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	4	\$3,500.00	\$14,000.00	\$5,100.00	\$20,400.00
9.	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH REINFORCED CONCRETE TYPE "C" MANHOLE TOP, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE,	EA	4	\$23,000.00	\$92,000.00	\$29,700.00	\$118,800.00
10.	REINFORCED CONCRETE STORM SEWER JUNCTION BOX WITH REINFORCED CONCRETE TYPE "E" INLET TOP, TWO SIDES OPEN, INCLUDES ADJUSTMENTS, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$15,000.00	\$15,000.00	\$20,950.00	\$20,950.00
11.	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	6	\$1,600.00	\$9,600.00	\$1,530.00	\$9,180.00
12.	STAGE II - MODIFIED REINFORCED CONCRETE TYPE "C-2" INLET, (15' MINIMUM INSIDE OPENING), ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$2,000.00	\$12,000.00	\$3,975.00	\$23,850.00
13.	REINFORCED CONCRETE TYPE "A" INLET, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$5,800.00	\$11,600.00	\$6,850.00	\$13,700.00
14.	BREAK INTO EXISTING STORM SEWER MANHOLE AND CONNECT PROPOSED 24" STORM SEWER, INCLUDES APPURTENANCES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,200.00	\$1,200.00	\$7,750.00	\$7,750.00
15.	REMOVE AND OFFSITE DISPOSAL OF BACKSLOPE INTERCEPTOR AND STORM OUTFALL STRUCTURE, INCLUDING EXISTING 24" CGMP, INTERCEPTOR STRUCTURE, SLOPE PAVEMENT, AND ALL APPURTENANCES, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$3,800.00	\$3,800.00	\$4,700.00	\$4,700.00
16.	OUTFALL STRUCTURE, INCLUDES SLOPE PAVEMENT, SLOPED END TREATMENT, CUT BOX FLUSH WITH SLOPE PAVEMENT, AND ALL APPURTENANCES, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$11,000.00	\$11,000.00	\$11,300.00	\$11,300.00
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$617,988.00		\$956,680.00
MISCELLANEOUS ITEMS							
1.	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	2877	\$10.00	\$28,770.00	\$2.00	\$5,754.00
2.	DEWATERING AND WET SAND CONSTRUCTION FOR SANITARY SEWER, (AS DIRECTED BY ENGINEER), ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	800	\$20.00	\$16,000.00	\$20.00	\$16,000.00
3.	DEWATERING AND WET SAND CONSTRUCTION FOR STORM SEWER, (AS DIRECTED BY ENGINEER), ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	1210	\$20.00	\$24,200.00	\$20.00	\$24,200.00

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NO.	ITEM DESCRIPTION	UNIT	QTY	1) UNITAS CONSTRUCTION, INC.		2) CE BARKER LTD.	
				UNIT COST	TOTAL	UNIT COST	TOTAL
4.	EXTRA CEMENT STABILIZED SAND BACKFILL, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	CY	100	\$20.00	\$2,000.00	\$75.00	\$7,500.00
5.	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	\$75.00	\$37,500.00
6.	CLEARING AND GRUBBING, INCLUDES CHIPPING, ROOT RAKING AND BACK DRAGGIN, AND OFFSITE DISPOSAL OF CLEARED AND GRUBBED MATERIAL, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	1	\$1,000.00	\$1,000.00	\$19,400.00	\$19,400.00
SUBTOTAL MISCELLANEOUS ITEMS					\$96,970.00		\$110,354.00
PAVING ITEMS							
1.	ROADWAY EXCAVATION, INCLUDES STRIPPING, STOCKPILING AND RE-APPLICATION OF STRIPPINGS TO APPLICABLE AREAS, COMPLETE IN PLACE	CY	62571	\$3.00	\$187,713.00	\$7.75	\$484,925.25
2.	10" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	6093	\$95.00	\$578,835.00	\$92.00	\$560,556.00
3.	8" LIME/FLY ASH STABILIZED SUBGRADE MANIPULATION, COMPLETE IN PLACE	SY	6394	\$4.00	\$25,576.00	\$7.50	\$47,955.00
4.	HYDRATED LIME FOR 8" STABILIZED SUBGRADE PREPARATION, 16 LBS/SY, AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	51.15	\$330.00	\$16,879.50	\$375.00	\$19,181.25
5.	FLY ASH FOR 8" STABILIZED SUBGRADE PREPARATION, 65 LBS/SY, AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	208	\$130.00	\$27,040.00	\$220.00	\$45,760.00
6.	6" REINFORCED CONCRETE DRIVEWAY WITH 6" STABILIZED BASE, COMPLETE IN PLACE	SY	62	\$4.00	\$248.00	\$85.00	\$5,270.00
7.	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	1489	\$85.00	\$126,565.00	\$5.00	\$7,445.00
8.	ADA RAMPS, INCLUDES TRUNCATED DOME PAVERS WITH CONTRASTING COLOR PER DETAIL, COMPLETE IN PLACE	EA	2	\$1,800.00	\$3,600.00	\$2,200.00	\$4,400.00
9.	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	\$8,000.00	\$8,000.00	\$19,431.00	\$19,431.00
10.	TRAFFIC RAIL TYPE T402 WITH RECTANGULAR TUBE OPTION, INCLUDES INSTALLATION AND MATERIALS, COMPLETE IN PLACE	LF	888	\$200.00	\$177,600.00	\$320.00	\$284,160.00
11.	CONNECT PROPOSED 10" REINFORCED CONCRETE PAVEMENT TO EXISTING REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	LF	48	\$100.00	\$4,800.00	\$130.00	\$6,240.00
12.	REMOVE AND OFFSITE DISPOSAL OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	4	\$5.00	\$20.00	\$350.00	\$1,400.00
SUBTOTAL PAVING ITEMS					\$1,156,876.50		\$1,486,723.50
PAVING MISCELLANEOUS ITEMS							
1.	EXTRA TRAFFIC CONTROL SIGNS, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$2,600.00	\$2,600.00

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				UNIT COST	TOTAL	UNIT COST	TOTAL
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	\$500.00	\$500.00	\$1,300.00	\$1,300.00
3.	INSTALL, MAINTAIN, AND REMOVE CONCRETE TRUCK WASHOUT AREA, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$975.00	\$975.00
4.	INSTALL, MAINTAIN, AND REMOVE STABILIZED CONSTRUCTION EXIT, AND REGRADE AREA TO MATCH FINISHED GRADE, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$3,200.00	\$3,200.00
5.	AS BUILT SURVEY OF ALL PAVEMENT HIGH POINTS AND LOW POINTS, INCLUDES AN EXHIBIT CERTIFIED BY A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF TEXAS, AS WELL AS AN AUTOCAD FILE OF SURVEY, COMPLETE IN PLACE	LS	1	\$9,111.50	\$9,111.50	\$38,800.00	\$38,800.00
SUBTOTAL PAVING MISCELLANEOUS ITEMS					\$11,111.50		\$46,875.00

BID SUMMARY

WATER ITEMS	\$119,148.00	\$266,267.40
SANITARY SEWER ITEMS	\$5,620.00	\$19,200.00
DRAINAGE FACILITIES ITEMS	\$617,988.00	\$956,680.00
MISCELLANEOUS ITEMS	\$96,970.00	\$110,354.00
PAVING ITEMS	\$1,156,876.50	\$1,486,723.50
PAVING MISCELLANEOUS ITEMS	\$11,111.50	\$46,875.00
TOTAL AMOUNT BASE BID	\$2,007,714.00	\$2,886,099.90

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