

BID TABULATION FOR:

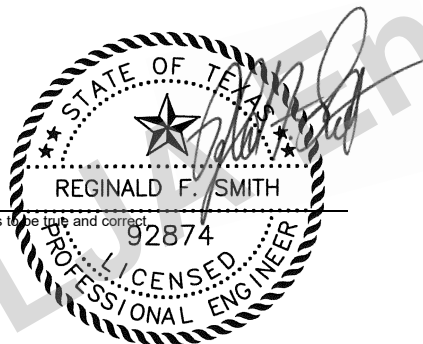
CONSTRUCTION OF WATER, SANITARY SEWER COLLECTION SYSTEM, DRAINAGE FACILITIES  
AND PAVING & APPURTENANCES TO SERVE SANDROCK STATION  
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 460  
CITY OF HOUSTON, HARRIS COUNTY, TEXAS

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

OCTOBER 8, 2021  
LJA ENGINEERING, INC.  
D. FORREST  
OCTOBER 8, 2021  
2792-2004 (9.2)

BIDDER'S NAME	TOTAL AMOUNT BID	BID INCLUDING ALTERNATE BID ITEMS
1) R CONSTRUCTION CIVIL	\$2,474,990.00	\$2,608,990.00

CALENDAR DAYS - 120/140



I, Reginald F. Smith, P.E., hereby certify these bid tabulations to be true and correct.

8 October 2021

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1) R CONSTRUCTION CIVIL

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
<b>WATER DISTRIBUTION SYSTEM ITEMS</b>					
1	12"X8" TAPPING SLEEVE AND VALVE WITH BOX; COMPLETE IN PLACE	EA	2	\$5,000.00	\$10,000.00
2	8" AWWA GATE VALVE AND BOX; COMPLETE IN PLACE	EA	9	\$1,900.00	\$17,100.00
3	FIRE HYDRANT ASSEMBLY; COMPLETE IN PLACE	EA	7	\$6,000.00	\$42,000.00
4	8" C900 DR18 PVC WATER PIPE, OPEN CUT, INCLUDES ALL FITTINGS; COMPLETE IN PLACE	LF	2750	\$40.00	\$110,000.00
5	NEAR SIDE, DOUBLE OR SINGLE 1/2" TO 1 1/2" WATER LINE SERVICES, INCLUDING METER BOX AND ALL NECESSARY CONNECTORS AND TAPS, COMPLETE IN PLACE	EA	34	\$800.00	\$27,200.00
6	FAR SIDE, DOUBLE OR SINGLE 1/2" TO 1 1/2" WATER LINE SERVICES, INCLUDING METER BOX AND ALL NECESSARY CONNECTORS AND TAPS, COMPLETE IN PLACE	EA	19	\$2,000.00	\$38,000.00
7	8" PVC RESTRAINED JOINT WATER LINE, C900, DR18, CLASS 235, OPEN CUT, INCLUDES RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, ALL DEPTHS, COMPLETE IN PLACE	LF	920	\$55.00	\$50,600.00
8	TRENCHLESS CONSTRUCTION OF 8" WATER LINE (PVC, C-900, DR-18) WITH RESTRAINED JOINTS, INCLUDES BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	60	\$120.00	\$7,200.00
9	TRENCH SAFETY, COMPLETE IN PLACE	LF	3700	\$0.10	\$370.00
10	UTILITY SPOILS DISPOSAL, (ON SITE PLACEMENT AND COMPACTION), COMPLETE IN PLACE	CY	1780	\$3.00	\$5,340.00
<b>WATER DISTRIBUTION SYSTEM ITEMS SUBTOTAL:</b>					<b>\$307,810.00</b>
<b>SANITARY SEWER SYSTEM ITEMS</b>					
1	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-3034, SDR -26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, STACK, WYE, PLUG, DROPS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	19	\$1,400.00	\$26,600.00
2	LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-3034, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, STACK, WYE PLUG, DROPS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	2565	\$60.00	\$153,900.00
3	8" PVC SANITARY SEWER PIPE, ASTM D-3034, SDR 26, ALL DEPTHS, OPEN CUT, INCLUDING BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2255	\$48.00	\$108,240.00
4	10" PVC SANITARY SEWER PIPE, ASTM D-3034, SDR 26, ALL DEPTHS, OPEN CUT, INCLUDEING BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	352	\$55.00	\$19,360.00
5	48" DIAMETER STANDARD SEWER MANHOLE (0' - 8' DEPTH), (INCLUDES INFLOW PROTECTOR AND ADJUSTMENTS), COMPLETE IN PLACE	EA	20	\$3,500.00	\$70,000.00
6	EXTRA VERTICAL DEPTH OF SANITARY SEWER MANHOLES (OVER 8' DEPTH), ALL SIZES, COMPLETE IN PLACE	VF	60	\$190.00	\$11,400.00
7	CLEAN AND TV PROPOSED SANITARY SEWER SYSTEM (ALL SIZES), COMPLETE IN PLACE	LF	2605	\$2.50	\$6,512.50
8	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	2605	\$0.10	\$260.50

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1) R CONSTRUCTION CIVIL

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
9	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 8" SANITARY SEWER LINE, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00
10	CONSTRUCT SANITARY SEWER MANHOLE ON EXISTING LINE, INCLUDES PLASTIC INFLOW PROTECTOR AND ADJUSTMENTS, COMPLETE IN PLACE	EA	1	\$5,000.00	\$5,000.00
11	UTILITY SPOILS DISPOSAL (ON-SITE PLACEMENT AND COMPACTION), COMPLETE IN PLACE	CY	2315	\$3.00	\$6,945.00
<b>SANITARY SEWER SYSTEM ITEMS SUBTOTAL:</b>					<b>\$409,718.00</b>
<b>DRAINAGE SYSTEM ITEMS</b>					
1	STORM SEWER MANHOLE, TYPE "C" FOR 42" DIAMETER PIPE AND SMALLER, INCLUDES ADJUSTMENTS, (ALL DEPTHS); COMPLETE IN PLACE	EA	19	\$4,000.00	\$76,000.00
2	CURB INLET, TYPE "B-B"; COMPLETE IN PLACE	EA	22	\$3,500.00	\$77,000.00
3	24" RCP STORM SEWER, OPEN CUT, ALL DEPTHS, INCLUDES ALL BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1525	\$88.00	\$134,200.00
4	30" RCP, STORM SEWER, OPEN CUT, ALL DEPTHS, INCLUDES ALL BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1060	\$110.00	\$116,600.00
5	36" RCP, STORM SEWER, OPEN CUT, ALL DEPTHS, INCLUDES ALL BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	740	\$150.00	\$111,000.00
6	48" RCP STORM SEWER, OPEN CUT, ALL DEPTHS, INCLUDES ALL BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	114	\$375.00	\$42,750.00
7	48" RCP BORE AND JACK, INCLUDES BORE PITS, ALL DEPTHS, COMPLETE IN PLACE	LF	35	\$1,000.00	\$35,000.00
8	TRENCH SAFETY, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	LF	3440	\$0.10	\$344.00
9	DUAL STORM SEWER MANHOLE RESTRICTOR, ASSEMBLY WITH HIGH LEVEL 15" PVC WITHIN 24" RCP AND, LOW LEVEL 48" RCP WITH AND GROUTED-IN 12" PVC, COMPLETE IN PLACE	EA	1	\$25,000.00	\$25,000.00
10	6" SLOPE PAVING AT OUTFALL STRUCTURES, COMPLETE IN PLACE	SY	38	\$150.00	\$5,700.00
11	DETENTION POND EXCAVATION AND ON-SITE FILL PLACEMENT, COMPLETE IN PLACE	CY	13400	\$10.00	\$134,000.00
12	STORMWATER QUALITY TRASH RACK / FLOATABLES COLLECTION SCREEN, COMPLETE IN PLACE	EA	1	\$30,000.00	\$30,000.00
13	CLEAN AND TV PROPOSED STORM SEWER SYSTEM (ALL SIZES), COMPLETE IN PLACE	LF	3440	\$4.00	\$13,760.00
14	SWALES INCLUDING BACKSLOPE INTERCEPTOR SWALES, 3:1 SIDE SLOPE (MAX), V BOTTOM, COMPLETE IN PLACE	LF	3660	\$4.50	\$16,470.00
15	EXTREME EVENT OVER FLOW SPILLWAY WITH, FLEX-A-MAT LINING, COMPLETE IN PLACE	SY	100	\$100.00	\$10,000.00
16	REINFORCED CONCRETE TYPE "E" INLET, TWO SIDES OPEN, ALL DEPTHS, WITH SAFETY BARS, COMPLETE IN PLACE	EA	2	\$4,000.00	\$8,000.00
17	TYPE "C" INLET ON EXISTING 24" RCP STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$5,000.00	\$5,000.00

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ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
18	STORM SEWER MANHOLE, TYPE "C" FOR 42" DIAMTER PIPE AND SMALLER, INCLUDES ADJUSTMENTS, ALL DEPTHS, WITH TYPE "E" INLET TOP, COMPLETE IN PLACE	EA	2	\$8,000.00	\$16,000.00
19	8" BRICK PLUG FOR 36" STORM SEWER WITHIN MEDIAN OF MARTIN LUTHER KING BOULEVARD, COMPLETE IN PLACE	EA	2	\$800.00	\$1,600.00
20	4.5" THICK REINFORCED CONCRETE-LINED SWALE, COMPLETE IN PLACE	LF	342	\$45.00	\$15,390.00
21	HYDROMULCH SEEDING AND FINE GRADING OF RESERVES, INCLUDES WATERING, TO ACHIEVE 90% HOMOGENOUS GRASS COVERAGE, (AS DIRECTED BY ENGINEER), COMPLETE IN PLACE	AC	4.98	\$1,800.00	\$8,964.00
22	BREAK INTO EXISTING REINFORCED CONCRETE BOX STORM SEWER AND CONNECT PROPOSED 48" STORM SEWER, INCLUDES CONCRETE COLLAR, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$5,000.00	\$5,000.00

**DRAINAGE SYSTEM ITEMS SUBTOTAL: \$887,778.00**

**ROADWAY & SIDEWALK ITEMS**

1	6" THICK REINFORCED CONCRETE PAVEMENT; COMPLETE IN PLACE	SY	10665	\$52.00	\$554,580.00
2	6" LIME STABILIZED SUBGRADE MANIPULATION, INCLUDES COMPACTION TO 95% STANDARD PROTECTOR DENSITY; COMPLETE IN PLACE	SY	12192	\$4.50	\$54,864.00
3	LIME FOR SUBGRADE STABILIZATION (7% LIME BY WEIGHT) AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY THE GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	280	\$230.00	\$64,400.00
4	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	1300	\$4.50	\$5,850.00
5	4"X12" MOUNTABLE REINFORCED CONCRETE CURB; COMPLETE IN PLACE	LF	4700	\$4.50	\$21,150.00
6	4.5" THICK REINFORCED CONCRETE SIDEWALK, 5' WIDE; ALONG RESERVES AND SITE FRONTAGES TO SANDROCK DRIVE AND PARK VILLAGE DRIVE, COMPLETE IN PLACE	SF	1415	\$10.00	\$14,150.00
7	FINAL LOT GRADING INCLUDE STRIPPING AND PROOF ROLLING, HAULING, PLACEMENT AND COMPACTION OF FILL AND REPLACEMENT OF STRIPPINGS, COMPLETE IN PLACE	EA	111	\$325.00	\$36,075.00
8	ROADWAY EXCAVATION AND ON-SITE FILL PLACEMENT, COMPLETE IN PLACE	CY	3260	\$6.00	\$19,560.00
9	AS-BUILT FINAL LOT GRADING SURVEY, COMPLETE IN PLACE	LS	1	\$10,000.00	\$10,000.00
10	PERMANENT TRAFFIC CONTROL DEVICES, INCLUDING TRAFFIC BUTTONS, PAVEMENT STRIPING, MARKERS, REFLECTIVE PAINT, STOP SIGNS, STREET SIGNS, AND ALL OTHER TRAFFIC SIGNS SHOWN IN PLANS, COMPLETE IN PLACE	LS	1	\$10,000.00	\$10,000.00
11	ACCESSIBLE RAMP WITH TRUNCATED DOMES, COMPLETE IN PLACE	EA	5	\$2,500.00	\$12,500.00
12	4.5" THICK REINFORCED CONCRETE SIDEWAL, 6' WIDE ALONG THE SITE'S FRONTAGE TO MARTIN LUTHER KING BOULEVARD, COMPLETE IN PLACE	SF	485	\$10.00	\$4,850.00
13	6" REINFORCED CONCRETE CURB DOWELLED ON TO EXISTING PAVEMENT, COMPLETE IN PLACE	LF	200	\$30.00	\$6,000.00
14	SAWCUT, FULL DEPTH OF EXISTING PAVEMENT, COMPLETE IN PLACE	LF	276	\$10.00	\$2,760.00

**ROADWAY & SIDEWALK ITEMS SUBTOTAL: \$816,739.00**

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ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
<b>SWPPP ITEMS</b>					
1	INSTALL, MAINTAIN, AND REMOVE STABILIZED CONSTRUCTION EXIT; COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00
2	INSTALL, MAINTAIN, AND REMOVE CONCRETE TRUCK WASHOUT; COMPLETE IN PLACE	EA	1	\$600.00	\$600.00
3	INSTALL, MAINTAIN, AND REMOVE REINFORCED FILTER FABRIC FENCE; COMPLETE IN PLACE	LF	10430	\$1.50	\$15,645.00
4	INLET PROTECTION BARRIERS STAGE I AND STAGE II, COMPLETE IN PLACE	EA	27	\$50.00	\$1,350.00
5	SOLID SOD; 16" STRIP ALONG BACK OF CURB, COMPLETE IN PLACE	SY	890	\$5.00	\$4,450.00
6	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE AND INSPECTIONS, COMPLETE IN PLACE	LS	1	\$2,000.00	\$2,000.00
<b>SWPPP ITEMS SUBTOTAL:</b>					<b>\$26,045.00</b>
<b>EXTRA WORK ITEMS</b>					
1	DEWATERING - AS AUTHORIZED BY ENGINEER, COMPLETE IN PLACE	LF	230	\$30.00	\$6,900.00
<b>EXTRA WORK ITEMS SUBTOTAL:</b>					<b>\$6,900.00</b>
<b>MISCELLANEOUS ITEMS</b>					
1	RESTORATION OF RIGHT-OF-WAY ALONG SITE FRONTAGES, COMPLETE IN PLACE	LF	1	\$10,000.00	\$10,000.00
2	TEMPORARY TRAFFIC CONTROL AND REGULATION, COMPLETE IN PLACE	LS	1	\$10,000.00	\$10,000.00
<b>MISCELLANEOUS ITEMS SUBTOTAL:</b>					<b>\$20,000.00</b>
<b>ALTERNATE BID ITEMS</b>					
1	DETENTION POND EXCAVATION AND OFF-SITE DISPOSAL, COMPLETE IN PLACE	CY	13400	\$20.00	\$268,000.00
<b>ALTERNATE BID ITEMS SUBTOTAL:</b>					<b>\$268,000.00</b>
<b>BIDDING SUMMARY</b>					
SUBTOTAL WATER DISTRIBUTION SYSTEM ITEMS					\$307,810.00
SUBTOTAL SANITARY SEWER SYSTEM ITEMS					\$409,718.00
SUBTOTAL DRAINAGE SYSTEM ITEMS					\$887,778.00
SUBTOTAL ROADWAY & SIDEWALK ITEMS					\$816,739.00
SUBTOTAL SWPPP ITEMS					\$26,045.00
SUBTOTAL EXTRA WORK ITEMS					\$6,900.00
SUBTOTAL MISCELLANEOUS ITEMS					\$20,000.00
<b>TOTAL AMOUNT BASE BID</b>					<b>\$2,474,990.00</b>
<b>ALTERNATE BID ITEMS</b>					
TOTAL AMOUNT BASE BID					\$2,474,990.00
DEDUCT DRAINAGE SYSTEM ITEMS ITEM NO.11					-\$134,000.00
SUBTOTAL ALTERNATE BID ITEMS					\$268,000.00
<b>TOTAL AMOUNT INCLUDING ALTERNATE BID ITEMS</b>					<b>\$2,608,990.00</b>