

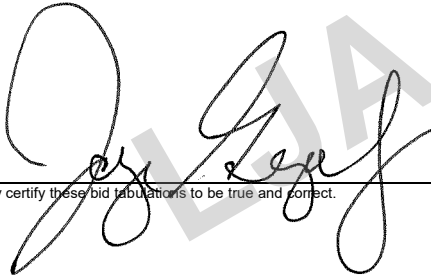
BID TABULATION FOR:

CONSTRUCTION OF WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND PAVING AND APPURTENANCES PHASE 2 TO SERVE FORT BEND PARKWAY BUSINESS PARK
MISSOURI CITY MANAGEMENT DISTRICT NO. 2
CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
NOVEMBER 18, 2020
LJA ENGINEERING, INC.
P.CHATTERJEE
NOVEMBER 19, 2020
2088-4002 (9.2)

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

BIDDER'S NAME	TOTAL AMOUNT BID	BID INCLUDING ALTERNATE BID ITEMS
1) TRIPLE B SERVICES, LLP	\$2,389,911.35	\$2,413,911.35
2) ALLGOOD CONSTRUCTION CO., INC.	\$2,410,199.91	\$2,461,949.91
3) JOSLIN CONSTRUCTION	\$2,704,525.00	\$2,708,725.00
4) R CONSTRUCTION CIVIL	\$2,898,908.40	\$2,910,908.40
5) HARRIS CONSTRUCTION COMPANY, LTD.	\$2,948,119.20	\$2,987,119.20

CALENDAR DAYS 120/135



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



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BID OPENING LOCATION:
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LJA JOB NO.

CONSTRUCTION OF WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND PAVING AND APPURTENANCES PHASE 2 TO SERVE FORT BENI
 MISSOURI CITY MANAGEMENT DISTRICT NO. 2
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
 NOVEMBER 18, 2020
 LJA ENGINEERING, INC.
 P.CHATTERJEE
 NOVEMBER 19, 2020
 2088-4002 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) TRIPLE B SERVICES, LLP		2) ALLGOOD CONSTRUCTION CO., INC.		3) JOSLIN CONSTRUCTION	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER ITEMS									
1	12" P.V.C. WATER LINE AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	4464	\$34.00	\$151,776.00	\$34.05	\$151,999.20	\$35.00	\$156,240.00
2	STEEL CASING WITH RESTRAINED JOINTS FOR 12" WATER LINE, DOES NOT INCLUDE WATER PIPE, COMPLETE IN PLACE	LF	218	\$95.00	\$20,710.00	\$71.50	\$15,587.00	\$65.00	\$14,170.00
3	TRENCHLESS CONSTRUCTION FOR STEEL CASING, INCLUDING EXCAVATION, BACKFILL AND COMPACTION OF BORE PITS, COMPLETE IN PLACE	LF	218	\$43.00	\$9,374.00	\$93.50	\$20,383.00	\$140.00	\$30,520.00
4	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, GATE VALVE & BOX, LEAD AND FLUSHING VALVE, AND TRENCH SAFETY, COMPLETE IN PLACE	EA	15	\$4,590.00	\$68,850.00	\$4,587.00	\$68,805.00	\$4,000.00	\$60,000.00
5	PLUG & CLAMP, ALL SIZES, COMPLETE IN PLACE	EA	1	\$385.00	\$385.00	\$192.50	\$192.50	\$350.00	\$350.00
6	2" BLOW-OFF ASSEMBLY IN BOX, COMPLETE IN PLACE	EA	1	\$670.00	\$670.00	\$412.50	\$412.50	\$500.00	\$500.00
7	12" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	6	\$2,345.00	\$14,070.00	\$2,035.00	\$12,210.00	\$2,000.00	\$12,000.00
8	REMOVE AND DISPOSE OF EXISTING 12" PLUG AND CLAMP AND BLOW-OFF VALVE ASSEMBLY AND MAKE 12" WET CONNECTION, COMPLETE IN PLACE	EA	2	\$482.00	\$964.00	\$335.50	\$671.00	\$900.00	\$1,800.00
9	TRENCH SAFETY SYSTEM, COMPLETE IN PLACE	LF	4564	\$1.00	\$4,564.00	\$0.22	\$1,004.08	\$1.00	\$4,564.00
WATER ITEMS SUBTOTAL:					\$271,363.00		\$271,264.28		\$280,144.00
SANITARY SEWER ITEMS									
1	10" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	123	\$54.00	\$6,642.00	\$35.96	\$4,423.08	\$63.00	\$7,749.00
2	15" P.V.C. SEWER PIPE, ASTM D-3034, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2605	\$55.00	\$143,275.00	\$49.62	\$129,260.10	\$67.00	\$174,535.00
3	TRENCHLESS CONSTRUCTION OF FOR STEEL CASING FOR 10" P.V.C. SEWER PIPE, (EXCLUDES CASING AND CARRIER PIPE), INCLUDES EXCAVATION AND BACK FILL OF BORE PITS, COMPLETE IN PLACE	LF	35	\$99.00	\$3,465.00	\$93.50	\$3,272.50	\$225.00	\$7,875.00
4	STEEL CASING FOR 10" SANITARY SEWER, (EXCLUDES CARRIER PIPE), INCLUDES SPACERS AND END SEALS, COMPLETE IN PLACE	LF	35	\$82.00	\$2,870.00	\$56.10	\$1,963.50	\$55.00	\$1,925.00
5	PRECAST STANDARD SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (8' DEPTH), INCLUDES STAINLESS STEEL INFLOW PROTECTOR AND ADJUSTMENTS, COMPLETE IN PLACE	EA	9	\$6,330.00	\$56,970.00	\$3,465.00	\$31,185.00	\$3,500.00	\$31,500.00
6	EXTRA DEPTH OF SANITARY SEWER MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	55	\$245.00	\$13,475.00	\$275.00	\$15,125.00	\$295.00	\$16,225.00
7	REMOVE AND DISPOSE OF EXISTING 15" SANITARY SEWER PLUG AND CONNECT PROPOSED 15" SANITARY SEWER PIPE	EA	1	\$290.00	\$290.00	\$550.00	\$550.00	\$850.00	\$850.00
8	TRENCH SAFETY SYSTEM, COMPLETE IN PLACE	LF	2605	\$1.00	\$2,605.00	\$0.22	\$573.10	\$1.00	\$2,605.00
SANITARY SEWER ITEMS SUBTOTAL:					\$229,592.00		\$186,352.28		\$243,264.00
DRAINAGE ITEMS									
1	24-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2100	\$60.00	\$126,000.00	\$65.20	\$136,920.00	\$59.00	\$123,900.00

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CONSTRUCTION OF WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND PAVING AND APPURTENANCES PHASE 2 TO SERVE FORT BENI
 MISSOURI CITY MANAGEMENT DISTRICT NO. 2
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
 NOVEMBER 18, 2020
 LJA ENGINEERING, INC.
 P.CHATTERJEE
 NOVEMBER 19, 2020
 2088-4002 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) TRIPLE B SERVICES, LLP		2) ALLGOOD CONSTRUCTION CO., INC.		3) JOSLIN CONSTRUCTION	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
2	STAGE I - STANDARD PRECAST INLET (TYPE "C") WITH EXTENSION, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	41	\$1,530.00	\$62,730.00	\$1,111.00	\$45,551.00	\$1,300.00	\$53,300.00
3	STAGE II - STANDARD PRECAST INLET (TYPE "C") WITH EXTENSION, ALL DEPTHS, COMPLETE IN PLACE	EA	41	\$2,100.00	\$86,100.00	\$1,567.50	\$64,267.50	\$1,500.00	\$61,500.00
4	CONTRACTOR TO BREAK INTO EXISTING JUNCTION BOX/EXISTING INLET AND CONNECT PROPOSED 24" STORM SEWER, INCLUDES ANY PATCHING OF EXISTING MANHOLE, COMPLETE IN PLACE	EA	25	\$1,200.00	\$30,000.00	\$82.50	\$2,062.50	\$500.00	\$12,500.00
5	ADJUST EXISTING JUNCTION MANHOLE FRAME AND COVER TO FINISHED GRADE, COMPLETE IN PLACE	EA	1	\$650.00	\$650.00	\$302.50	\$302.50	\$500.00	\$500.00
6	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2100	\$1.00	\$2,100.00	\$0.22	\$462.00	\$1.00	\$2,100.00
DRAINAGE ITEMS SUBTOTAL:					\$307,580.00	\$249,565.50			\$253,800.00
MISCELLANEOUS ITEMS (WS&D)									
1	DEWATERING FOR UTILITY CONSTRUCTION, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$25.00	\$2,500.00	\$27.50	\$2,750.00	\$30.00	\$3,000.00
2	ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL WHERE UNSATISFACTORY SOIL CONDITIONS EXIST, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$15.00	\$1,500.00	\$11.00	\$1,100.00	\$25.00	\$2,500.00
3	EXTRA CEMENT STABILIZED SAND, (1.1 SACKS PER CUBIC YARD), (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$32.50	\$1,625.00	\$1.10	\$55.00	\$35.00	\$1,750.00
4	UTILITY SPOILS TO BE USED ON-SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, HAULING, PLACEMENT AND COMPACTION TO 90% PROCTOR DENSITY, AND RE-APPLICATION OF STRIPPINGS TO EXCAVATED AREA AND FILL AREAS, COMPLETE IN PLACE	CY	2653	\$4.50	\$11,938.50	\$3.58	\$9,497.74	\$3.00	\$7,959.00
5	REMOVAL AND DISPOSAL OF EXISTING SIDEWALK FROM JOINT TO JOINT AND REPLACE TO MATCH EXISTING SIDEWALK (AS NEEDED FOR CONSTRUCTION), COMPLETE IN PLACE	LS	1	\$1,460.00	\$1,460.00	\$181,500.00	\$181,500.00	\$1,000.00	\$1,000.00
6	SITE RESTORATION AND HYDROMULCH WHERE GRASS IS DISTURBED ALONG HURRICANE LANE	AC	2	\$4,720.00	\$9,440.00	\$2,750.00	\$5,500.00	\$3,000.00	\$6,000.00
MISCELLANEOUS ITEMS (WS&D) SUBTOTAL:					\$28,463.50	\$200,402.74			\$22,209.00
PAVING ITEMS									
1	8" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	18897	\$47.00	\$888,159.00	\$47.15	\$890,993.55	\$58.00	\$1,096,026.00
2	10" LIME STABILIZED SUBGRADE (MANIPULATION), COMPLETE IN PLACE	SY	21921	\$4.20	\$92,068.20	\$2.53	\$55,460.13	\$6.00	\$131,526.00
3	HYDRATED LIME FOR 10" STABILIZED SUBGRADE (8% LIME BY WEIGHT, 60 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	658	\$180.00	\$118,440.00	\$201.25	\$132,422.50	\$170.00	\$111,860.00
4	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	12704	\$3.75	\$47,640.00	\$2.88	\$36,587.52	\$8.00	\$101,632.00
5	ROADWAY EXCAVATION TO BE USED FOR FILL TO FINAL GRADE WITHIN THE PROJECT LIMITS, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, HAUL, PLACEMENT AND COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	10807	\$4.75	\$51,333.25	\$3.74	\$40,418.18	\$8.00	\$86,456.00

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CONSTRUCTION OF WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND PAVING AND APPURTENANCES PHASE 2 TO SERVE FORT BENI
 MISSOURI CITY MANAGEMENT DISTRICT NO. 2
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
 NOVEMBER 18, 2020
 LJA ENGINEERING, INC.
 P.CHATTERJEE
 NOVEMBER 19, 2020
 2088-4002 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) TRIPLE B SERVICES, LLP		2) ALLGOOD CONSTRUCTION CO., INC.		3) JOSLIN CONSTRUCTION	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6	TRAFFIC CONTROL SIGN AND POST IN ACCORDANCE WITH THE CITY OF MISSOURI CITY STREET SIGN DETAIL, INCLUDES STOP SIGNS, STREET NAME SIGNS WITH "NO OUTLET" IF NEEDED, DIRECTIONAL SIGNS WITH SUPPLEMENTS, ETC. (SIGNS AND POSTS TO BE PROVIDED BY ONE WAY STRIPINGS AND SIGNS), COMPLETE IN PLACE	EA	5	\$525.00	\$2,625.00	\$684.25	\$3,421.25	\$600.00	\$3,000.00
7	PERMANENT TRAFFIC CONTROL DEVICES FOR HURRICANE LANE (INCLUDES TRAFFIC BUTTONS, PAVEMENT STRIPING ON PROPOSED LANES, REMOVAL OF STRIPING AND RE-STRIPING ON EXISTING LANE), COMPLETE IN PLACE	LS	1	\$12,500.00	\$12,500.00	\$15,812.50	\$15,812.50	\$23,000.00	\$23,000.00
8	INSTALL TYPE III BARRICADE, COMPLETE IN PLACE	EA	3	\$900.00	\$2,700.00	\$1,092.50	\$3,277.50	\$1,000.00	\$3,000.00
9	REMOVE AND DISPOSE OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	1	\$150.00	\$150.00	\$115.00	\$115.00	\$300.00	\$300.00
10	REMOVAL AND OFF-SITE DISPOSAL OF EXISTING ASPHALT PAVING AND BASE, COMPLETE IN PLACE	SY	404	\$10.00	\$4,040.00	\$4.03	\$1,628.12	\$7.00	\$2,828.00
11	REMOVE AND DISPOSE OF EXISTING 8" REINFORCED CONCRETE PAVEMENT, INCLUDES FULL DEPTH SAWCUT, COMPLETE IN PLACE	SY	335	\$47.00	\$15,745.00	\$11.50	\$3,852.50	\$10.00	\$3,350.00
12	CONNECT PROPOSED 8" REINFORCED CONCRETE PAVEMENT TO EXISTING REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	LF	1272	\$11.00	\$13,992.00	\$13.80	\$17,553.60	\$10.00	\$12,720.00
13	REMOVE AND DISPOSE OF EXISTING 6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	1207	\$2.00	\$2,414.00	\$2.30	\$2,776.10	\$3.00	\$3,621.00
14	STANDARD CONCRETE PAVING HEADER, COMPLETE IN PLACE	LF	321	\$14.00	\$4,494.00	\$8.63	\$2,770.23	\$20.00	\$6,420.00
15	5' WIDE, 4 1/2" THICK REINFORCED CONCRETE SIDEWALK, COMPLETE IN PLACE	SY	3633	\$49.00	\$178,017.00	\$51.75	\$188,007.75	\$47.00	\$170,751.00
16	WHEELCHAIR RAMPS PER DETAIL IN THE CONSTRUCTION PLANS, COMPLETE IN PLACE	EA	12	\$1,400.00	\$16,800.00	\$1,092.50	\$13,110.00	\$850.00	\$10,200.00
17	IRRIGATION SLEEVE, 8" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	400	\$29.00	\$11,600.00	\$21.28	\$8,512.00	\$20.00	\$8,000.00
18	SITE RESTORATION, INCLUDING LANDSCAPING AND PLACEMENT OF SOD WHERE GRASS IS DISTURBED, COMPLETE IN PLACE	LS	1	\$8,000.00	\$8,000.00	\$11,500.00	\$11,500.00	\$15,000.00	\$15,000.00
PAVING ITEMS SUBTOTAL:					\$1,470,717.45		\$1,428,218.43		\$1,789,690.00
MISCELLANEOUS ITEMS (PAVING)									
1	TEMPORARY TRAFFIC CONTROL PLAN, INCLUDES INSTALLATION, IMPLEMENTATION AND REMOVAL UPON COMPLETION, COMPLETE IN PLACE	LS	1	\$7,250.00	\$7,250.00	\$8,625.00	\$8,625.00	\$8,500.00	\$8,500.00
2	UTILITY SPOILS TO BE USED ON-SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, PLACEMENT, COMPACTION TO 95% PROCTOR DENSITY AND REAPPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	2200	\$4.75	\$10,450.00	\$3.74	\$8,228.00	\$4.00	\$8,800.00
3	DEWATERING, ALL SIZES AND DEPTHS, FOR SANITARY SEWER CONSTRUCTION (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	500	\$25.00	\$12,500.00	\$28.75	\$14,375.00	\$25.00	\$12,500.00
4	LIGHT CLEARING AND GRUBBING, INCLUDES REMOVING ALL STUMPS AND ROOTS, EXCAVATION OF BURN PITS, BURNING OF CLEARING DEBRIS, HAULING OF ASHES OUTSIDE THE BOUNDARY OF THE DEVELOPMENT, CLEAN-OUT OF BURN PITS & COMPACTION TO 95% STANDARD PROCTOR DENSITY IN MAXIMUM 8" LIFTS, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	6	\$4,850.00	\$29,100.00	\$4,025.00	\$24,150.00	\$9,000.00	\$54,000.00
5	EXISTING RIP-RAP TO BE REMOVED AND DISPOSED, COMPLETE IN PLACE	SY	182	\$14.00	\$2,548.00	\$11.50	\$2,093.00	\$17.00	\$3,094.00
MISCELLANEOUS ITEMS (PAVING) SUBTOTAL:					\$61,848.00		\$57,471.00		\$86,894.00

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 MISSOURI CITY MANAGEMENT DISTRICT NO. 2
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
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ITEM	DESCRIPTION	UNIT	QTY	1) TRIPLE B SERVICES, LLP		2) ALLGOOD CONSTRUCTION CO., INC.		3) JOSLIN CONSTRUCTION	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
SWPPP ITEMS									
1	STORMWATER POLLUTION PREVENTION PLAN COMPLIANCE INCLUDING MAINTAINING EXISTING FILTER FABRIC FENCE AND STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	LS	1	\$1,200.00	\$1,200.00	\$575.00	\$575.00	\$2,500.00	\$2,500.00
2	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION ENTRANCE AT LOCATION SHOWN ON PLANS, COMPLETE IN PLACE	EA	2	\$3,500.00	\$7,000.00	\$1,437.50	\$2,875.00	\$3,500.00	\$7,000.00
3	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT PIT, COMPLETE IN PLACE	EA	2	\$900.00	\$1,800.00	\$920.00	\$1,840.00	\$1,250.00	\$2,500.00
4	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE	LF	5972	\$1.20	\$7,166.40	\$1.44	\$8,599.68	\$2.00	\$11,944.00
5	INLET STAGE I PROTECTION BARRIERS (AS SHOWN ON PLANS), COMPLETE IN PLACE	EA	46	\$1.00	\$46.00	\$51.75	\$2,380.50	\$50.00	\$2,300.00
6	INLET STAGE II PROTECTION BARRIERS (AS SHOWN ON PLANS), COMPLETE IN PLACE	EA	57	\$55.00	\$3,135.00	\$11.50	\$655.50	\$40.00	\$2,280.00
SWPPP ITEMS SUBTOTAL:					\$20,347.40		\$16,925.68		\$28,524.00
ALTERNATE BID ITEMS									
1	ADDITIONAL COST TO CHIP AND HAUL CLEARING DEBRIS OUTSIDE THE LIMITS OF THE PROJECT, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	6	\$4,000.00	\$24,000.00	\$8,625.00	\$51,750.00	\$700.00	\$4,200.00
ALTERNATE BID ITEMS SUBTOTAL:					\$24,000.00		\$51,750.00		\$4,200.00
BIDDING SUMMARY									
SUBTOTAL WATER ITEMS					\$271,363.00		\$271,264.28		\$280,144.00
SUBTOTAL SANITARY SEWER ITEMS					\$229,592.00		\$186,352.28		\$243,264.00
SUBTOTAL DRAINAGE ITEMS					\$307,580.00		\$249,565.50		\$253,800.00
SUBTOTAL MISCELLANEOUS ITEMS (WS&D)					\$28,463.50		\$200,402.74		\$22,209.00
SUBTOTAL PAVING ITEMS					\$1,470,717.45		\$1,428,218.43		\$1,789,690.00
SUBTOTAL MISCELLANEOUS ITEMS (PAVING)					\$61,848.00		\$57,471.00		\$86,894.00
SUBTOTAL SWPPP ITEMS					\$20,347.40		\$16,925.68		\$28,524.00
TOTAL AMOUNT BASE BID					\$2,389,911.35		\$2,410,199.91		\$2,704,525.00
ALTERNATE BID ITEMS									
TOTAL AMOUNT BASE BID					\$2,389,911.35		\$2,410,199.91		\$2,704,525.00
SUBTOTAL ALTERNATE BID ITEMS					\$24,000.00		\$51,750.00		\$4,200.00
TOTAL AMOUNT INCLUDING ALTERNATE BID ITEMS					\$2,413,911.35		\$2,461,949.91		\$2,708,725.00

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ITEM	DESCRIPTION	UNIT	QTY	4) R CONSTRUCTION CIVIL		5) HARRIS CONSTRUCTION COMPANY, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER ITEMS							
1	12" P.V.C. WATER LINE AWWA C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, COMPLETE IN PLACE	LF	4464	\$60.00	\$267,840.00	\$33.95	\$151,552.80
2	STEEL CASING WITH RESTRAINED JOINTS FOR 12" WATER LINE, DOES NOT INCLUDE WATER PIPE, COMPLETE IN PLACE	LF	218	\$70.00	\$15,260.00	\$69.50	\$15,151.00
3	TRENCHLESS CONSTRUCTION FOR STEEL CASING, INCLUDING EXCAVATION, BACKFILL AND COMPACTION OF BORE PITS, COMPLETE IN PLACE	LF	218	\$160.00	\$34,880.00	\$120.00	\$26,160.00
4	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, GATE VALVE & BOX, LEAD AND FLUSHING VALVE, AND TRENCH SAFETY, COMPLETE IN PLACE	EA	15	\$5,500.00	\$82,500.00	\$4,750.00	\$71,250.00
5	PLUG & CLAMP, ALL SIZES, COMPLETE IN PLACE	EA	1	\$200.00	\$200.00	\$250.00	\$250.00
6	2" BLOW-OFF ASSEMBLY IN BOX, COMPLETE IN PLACE	EA	1	\$700.00	\$700.00	\$600.00	\$600.00
7	12" AWWA GATE VALVE & BOX, COMPLETE IN PLACE	EA	6	\$2,100.00	\$12,600.00	\$2,325.00	\$13,950.00
8	REMOVE AND DISPOSE OF EXISTING 12" PLUG AND CLAMP AND BLOW-OFF VALVE ASSEMBLY AND MAKE 12" WET CONNECTION, COMPLETE IN PLACE	EA	2	\$300.00	\$600.00	\$500.00	\$1,000.00
9	TRENCH SAFETY SYSTEM, COMPLETE IN PLACE	LF	4564	\$0.10	\$456.40	\$1.25	\$5,705.00
WATER ITEMS SUBTOTAL:					\$415,036.40		\$285,618.80
SANITARY SEWER ITEMS							
1	10" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	123	\$60.00	\$7,380.00	\$102.00	\$12,546.00
2	15" P.V.C. SEWER PIPE, ASTM D-3034, SDR 26, 12'-16' CUT, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2605	\$75.00	\$195,375.00	\$51.00	\$132,855.00
3	TRENCHLESS CONSTRUCTION OF FOR STEEL CASING FOR 10" P.V.C. SEWER PIPE, (EXCLUDES CASING AND CARRIER PIPE), INCLUDES EXCAVATION AND BACK FILL OF BORE PITS, COMPLETE IN PLACE	LF	35	\$225.00	\$7,875.00	\$235.00	\$8,225.00
4	STEEL CASING FOR 10" SANITARY SEWER, (EXCLUDES CARRIER PIPE), INCLUDES SPACERS AND END SEALS, COMPLETE IN PLACE	LF	35	\$70.00	\$2,450.00	\$70.00	\$2,450.00
5	PRECAST STANDARD SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (8' DEPTH), INCLUDES STAINLESS STEEL INFLOW PROTECTOR AND ADJUSTMENTS, COMPLETE IN PLACE	EA	9	\$5,600.00	\$50,400.00	\$6,225.00	\$56,025.00
6	EXTRA DEPTH OF SANITARY SEWER MANHOLE, (OVER 8' DEPTH), COMPLETE IN PLACE	VF	55	\$350.00	\$19,250.00	\$485.00	\$26,675.00
7	REMOVE AND DISPOSE OF EXISTING 15" SANITARY SEWER PLUG AND CONNECT PROPOSED 15" SANITARY SEWER PIPE	EA	1	\$400.00	\$400.00	\$400.00	\$400.00
8	TRENCH SAFETY SYSTEM, COMPLETE IN PLACE	LF	2605	\$0.10	\$260.50	\$1.25	\$3,256.25
SANITARY SEWER ITEMS SUBTOTAL:					\$283,390.50		\$242,432.25
DRAINAGE ITEMS							
1	24-INCH RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDES BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2100	\$85.00	\$178,500.00	\$71.50	\$150,150.00

BID TABULATION FOR:

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LJA JOB NO.

CONSTRUCTION OF WATER, SANITARY SEWER AND DRAINAGE FACILITIES AND PAVING AND APPURTENANCES PHASE 2 TO SERVE FORT BEND PARKV
 MISSOURI CITY MANAGEMENT DISTRICT NO. 2
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
 NOVEMBER 18, 2020
 LJA ENGINEERING, INC.
 P.CHATTERJEE
 NOVEMBER 19, 2020
 2088-4002 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) R CONSTRUCTION CIVIL		5) HARRIS CONSTRUCTION COMPANY, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
2	STAGE I - STANDARD PRECAST INLET (TYPE "C") WITH EXTENSION, ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	41	\$800.00	\$32,800.00	\$1,150.00	\$47,150.00
3	STAGE II - STANDARD PRECAST INLET (TYPE "C") WITH EXTENSION, ALL DEPTHS, COMPLETE IN PLACE	EA	41	\$2,000.00	\$82,000.00	\$2,250.00	\$92,250.00
4	CONTRACTOR TO BREAK INTO EXISTING JUNCTION BOX/EXISTING INLET AND CONNECT PROPOSED 24" STORM SEWER, INCLUDES ANY PATCHING OF EXISTING MANHOLE, COMPLETE IN PLACE	EA	25	\$800.00	\$20,000.00	\$1,500.00	\$37,500.00
5	ADJUST EXISTING JUNCTION MANHOLE FRAME AND COVER TO FINISHED GRADE, COMPLETE IN PLACE	EA	1	\$300.00	\$300.00	\$500.00	\$500.00
6	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2100	\$0.10	\$210.00	\$1.25	\$2,625.00
DRAINAGE ITEMS SUBTOTAL:					\$313,810.00	\$330,175.00	
MISCELLANEOUS ITEMS (WS&D)							
1	DEWATERING FOR UTILITY CONSTRUCTION, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$25.00	\$2,500.00	\$30.00	\$3,000.00
2	ADDITIONAL COST FOR STORM SEWER BEDDING AND BACKFILL WHERE UNSATISFACTORY SOIL CONDITIONS EXIST, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$10.00	\$1,000.00	\$25.00	\$2,500.00
3	EXTRA CEMENT STABILIZED SAND, (1.1 SACKS PER CUBIC YARD), (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$20.00	\$1,000.00	\$60.00	\$3,000.00
4	UTILITY SPOILS TO BE USED ON-SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, HAULING, PLACEMENT AND COMPACTION TO 90% PROCTOR DENSITY, AND RE-APPLICATION OF STRIPPINGS TO EXCAVATED AREA AND FILL AREAS, COMPLETE IN PLACE	CY	2653	\$5.00	\$13,265.00	\$3.00	\$7,959.00
5	REMOVAL AND DISPOSAL OF EXISTING SIDEWALK FROM JOINT TO JOINT AND REPLACE TO MATCH EXISTING SIDEWALK (AS NEEDED FOR CONSTRUCTION), COMPLETE IN PLACE	LS	1	\$50,000.00	\$50,000.00	\$246,500.00	\$246,500.00
6	SITE RESTORATION AND HYDROMULCH WHERE GRASS IS DISTURBED ALONG HURRICANE LANE	AC	2	\$1,800.00	\$3,600.00	\$3,000.00	\$6,000.00
MISCELLANEOUS ITEMS (WS&D) SUBTOTAL:					\$71,365.00	\$268,959.00	
PAVING ITEMS							
1	8" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	18897	\$58.00	\$1,096,026.00	\$52.75	\$996,816.75
2	10" LIME STABILIZED SUBGRADE (MANIPULATION), COMPLETE IN PLACE	SY	21921	\$4.50	\$98,644.50	\$3.25	\$71,243.25
3	HYDRATED LIME FOR 10" STABILIZED SUBGRADE (8% LIME BY WEIGHT, 60 LBS/SY), AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	658	\$200.00	\$131,600.00	\$225.00	\$148,050.00
4	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	12704	\$3.50	\$44,464.00	\$3.25	\$41,288.00
5	ROADWAY EXCAVATION TO BE USED FOR FILL TO FINAL GRADE WITHIN THE PROJECT LIMITS, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, HAUL, PLACEMENT AND COMPACTION OF MATERIALS TO 95% STANDARD PROCTOR DENSITY AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	10807	\$4.00	\$43,228.00	\$4.75	\$51,333.25

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 MISSOURI CITY MANAGEMENT DISTRICT NO. 2
 CITY OF MISSOURI CITY, FORT BEND COUNTY, TEXAS
 NOVEMBER 18, 2020
 LJA ENGINEERING, INC.
 P.CHATTERJEE
 NOVEMBER 19, 2020
 2088-4002 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) R CONSTRUCTION CIVIL		5) HARRIS CONSTRUCTION COMPANY, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6	TRAFFIC CONTROL SIGN AND POST IN ACCORDANCE WITH THE CITY OF MISSOURI CITY STREET SIGN DETAIL, INCLUDES STOP SIGNS, STREET NAME SIGNS WITH "NO OUTLET" IF NEEDED, DIRECTIONAL SIGNS WITH SUPPLEMENTS, ETC. (SIGNS AND POSTS TO BE PROVIDED BY ONE WAY STRIPINGS AND SIGNS), COMPLETE IN PLACE	EA	5	\$500.00	\$2,500.00	\$995.00	\$4,975.00
7	PERMANENT TRAFFIC CONTROL DEVICES FOR HURRICANE LANE (INCLUDES TRAFFIC BUTTONS, PAVEMENT STRIPING ON PROPOSED LANES, REMOVAL OF STRIPING AND RE-STRIPING ON EXISTING LANE), COMPLETE IN PLACE	LS	1	\$20,000.00	\$20,000.00	\$51,025.00	\$51,025.00
8	INSTALL TYPE III BARRICADE, COMPLETE IN PLACE	EA	3	\$900.00	\$2,700.00	\$1,200.00	\$3,600.00
9	REMOVE AND DISPOSE OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	1	\$1.00	\$1.00	\$200.00	\$200.00
10	REMOVAL AND OFF-SITE DISPOSAL OF EXISTING ASPHALT PAVING AND BASE, COMPLETE IN PLACE	SY	404	\$10.00	\$4,040.00	\$12.50	\$5,050.00
11	REMOVE AND DISPOSE OF EXISTING 8" REINFORCED CONCRETE PAVEMENT, INCLUDES FULL DEPTH SAWCUT, COMPLETE IN PLACE	SY	335	\$10.00	\$3,350.00	\$24.00	\$8,040.00
12	CONNECT PROPOSED 8" REINFORCED CONCRETE PAVEMENT TO EXISTING REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	LF	1272	\$25.00	\$31,800.00	\$20.00	\$25,440.00
13	REMOVE AND DISPOSE OF EXISTING 6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	1207	\$5.00	\$6,035.00	\$16.75	\$20,217.25
14	STANDARD CONCRETE PAVING HEADER, COMPLETE IN PLACE	LF	321	\$15.00	\$4,815.00	\$12.00	\$3,852.00
15	5' WIDE, 4 1/2" THICK REINFORCED CONCRETE SIDEWALK, COMPLETE IN PLACE	SY	3633	\$50.00	\$181,650.00	\$62.75	\$227,970.75
16	WHEELCHAIR RAMPS PER DETAIL IN THE CONSTRUCTION PLANS, COMPLETE IN PLACE	EA	12	\$1,500.00	\$18,000.00	\$1,250.00	\$15,000.00
17	IRRIGATION SLEEVE, 8" PVC SCHEDULE 40, INCLUDES PVC END CAPS, COMPLETE IN PLACE	LF	400	\$30.00	\$12,000.00	\$36.00	\$14,400.00
18	SITE RESTORATION, INCLUDING LANDSCAPING AND PLACEMENT OF SOD WHERE GRASS IS DISTURBED, COMPLETE IN PLACE	LS	1	\$10,000.00	\$10,000.00	\$40,250.00	\$40,250.00
PAVING ITEMS SUBTOTAL:					\$1,710,853.50		\$1,728,751.25
MISCELLANEOUS ITEMS (PAVING)							
1	TEMPORARY TRAFFIC CONTROL PLAN, INCLUDES INSTALLATION, IMPLEMENTATION AND REMOVAL UPON COMPLETION, COMPLETE IN PLACE	LS	1	\$20,000.00	\$20,000.00	\$15,000.00	\$15,000.00
2	UTILITY SPOILS TO BE USED ON-SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, PLACEMENT, COMPACTION TO 95% PROCTOR DENSITY AND REAPPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	2200	\$3.00	\$6,600.00	\$3.00	\$6,600.00
3	DEWATERING, ALL SIZES AND DEPTHS, FOR SANITARY SEWER CONSTRUCTION (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	500	\$25.00	\$12,500.00	\$30.00	\$15,000.00
4	LIGHT CLEARING AND GRUBBING, INCLUDES REMOVING ALL STUMPS AND ROOTS, EXCAVATION OF BURN PITS, BURNING OF CLEARING DEBRIS, HAULING OF ASHES OUTSIDE THE BOUNDARY OF THE DEVELOPMENT, CLEAN-OUT OF BURN PITS & COMPACTION TO 95% STANDARD PROCTOR DENSITY IN MAXIMUM 8" LIFTS, (ONLY AREAS AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	6	\$7,500.00	\$45,000.00	\$3,000.00	\$18,000.00
5	EXISTING RIP-RAP TO BE REMOVED AND DISPOSED, COMPLETE IN PLACE	SY	182	\$10.00	\$1,820.00	\$74.45	\$13,549.90
MISCELLANEOUS ITEMS (PAVING) SUBTOTAL:					\$85,920.00		\$68,149.90

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ITEM	DESCRIPTION	UNIT	QTY	4) R CONSTRUCTION CIVIL		5) HARRIS CONSTRUCTION COMPANY, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
SWPPP ITEMS							
1	STORMWATER POLLUTION PREVENTION PLAN COMPLIANCE INCLUDING MAINTAINING EXISTING FILTER FABRIC FENCE AND STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	LS	1	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00
2	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION ENTRANCE AT LOCATION SHOWN ON PLANS, COMPLETE IN PLACE	EA	2	\$2,000.00	\$4,000.00	\$2,500.00	\$5,000.00
3	INSTALLATION, MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT PIT, COMPLETE IN PLACE	EA	2	\$500.00	\$1,000.00	\$1,000.00	\$2,000.00
4	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE	LF	5972	\$1.50	\$8,958.00	\$1.50	\$8,958.00
5	INLET STAGE I PROTECTION BARRIERS (AS SHOWN ON PLANS), COMPLETE IN PLACE	EA	46	\$25.00	\$1,150.00	\$50.00	\$2,300.00
6	INLET STAGE II PROTECTION BARRIERS (AS SHOWN ON PLANS), COMPLETE IN PLACE	EA	57	\$25.00	\$1,425.00	\$75.00	\$4,275.00
SWPPP ITEMS SUBTOTAL:					\$18,533.00		\$24,033.00
ALTERNATE BID ITEMS							
1	ADDITIONAL COST TO CHIP AND HAUL CLEARING DEBRIS OUTSIDE THE LIMITS OF THE PROJECT, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	AC	6	\$2,000.00	\$12,000.00	\$6,500.00	\$39,000.00
ALTERNATE BID ITEMS SUBTOTAL:					\$12,000.00		\$39,000.00
BIDDING SUMMARY							
SUBTOTAL WATER ITEMS					\$415,036.40		\$285,618.80
SUBTOTAL SANITARY SEWER ITEMS					\$283,390.50		\$242,432.25
SUBTOTAL DRAINAGE ITEMS					\$313,810.00		\$330,175.00
SUBTOTAL MISCELLANEOUS ITEMS (WS&D)					\$71,365.00		\$268,959.00
SUBTOTAL PAVING ITEMS					\$1,710,853.50		\$1,728,751.25
SUBTOTAL MISCELLANEOUS ITEMS (PAVING)					\$85,920.00		\$68,149.90
SUBTOTAL SWPPP ITEMS					\$18,533.00		\$24,033.00
TOTAL AMOUNT BASE BID					\$2,898,908.40		\$2,948,119.20
ALTERNATE BID ITEMS							
TOTAL AMOUNT BASE BID					\$2,898,908.40		\$2,948,119.20
SUBTOTAL ALTERNATE BID ITEMS					\$12,000.00		\$39,000.00
TOTAL AMOUNT INCLUDING ALTERNATE BID ITEMS					\$2,910,908.40		\$2,987,119.20