

BID TABULATION FOR:

CONSTRUCTION OF THE 2019 HURRICANE HARVEY EROSION REPAIRS ON VA1, VA9, AND VA12
WILLOW FORK DRAINAGE DISTRICT
CITY OF HOUSTON E.T.J., FORT BEND COUNTY, TEXAS

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

SEPTEMBER 2, 2021
LJA ENGINEERING, INC.
D. FORREST
SEPTEMBER 2, 2021
2642-0002T (9.2)

BIDDER'S NAME	TOTAL AMOUNT BID
1) DIVISION III + CONSTRUCTORS	\$176,725.00
2) COMPACT.TX	\$196,330.00
3) CHAMPIONS HYDRO-LAWN	\$238,369.07
4) AR TURNKEE	\$347,985.00
5) GAEL INC	\$410,519.00
6) TEXAS DEWATERING, LLC	\$505,955.00

CALENDAR DAYS - 45/60



A handwritten signature in black ink, appearing to read "S.W. Kalkomey", written over a horizontal line.

09/07/2021

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

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CONSTRUCTION OF THE 2019 HURRICANE HARVEY EROSION REPAIRS ON VA1, VA9, AND VA12
 WILLOW FORK DRAINAGE DISTRICT
 CITY OF HOUSTON E.T.J., FORT BEND COUNTY, TEXAS
 SEPTEMBER 2, 2021
 LJA ENGINEERING, INC.
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 2642-0002T (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) DIVISION III + CONSTRUCTORS		2) COMPACT.TX		3) CHAMPIONS HYDRO-LAWN	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
CHANNEL VA1 FEMA REIMBURSED ITEMS									
1	MOBILIZATION, INCLUDES BONDS, INSURANCE, CONSTRUCTION PERMITS, ETC., COMPLETE IN PLACE	LS	1	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$1,867.60	\$1,867.60
2	INSTALLATION, MAINTENANCE & REMOVAL OF COFFER DAM, COMPLETE IN PLACE	SF	120	\$50.00	\$6,000.00	\$10.00	\$1,200.00	\$39.00	\$4,680.00
3	BYPASS PUMPING AS NEEDED AND IN ACCORDANCE WITH SPECIFICATION 02241, COMPLETE IN PLACE	HR	40	\$50.00	\$2,000.00	\$100.00	\$4,000.00	\$222.00	\$8,880.00
4	REMOVE EXISTING CONCRETE SLOPE PAVING, COMPLETE IN PLACE	EA	1	\$1,700.00	\$1,700.00	\$1,080.00	\$1,080.00	\$6,720.00	\$6,720.00
5	INSTALL NEW 5" THICK REINFORCED CONCRETE SLOPE PAVING W/ TOE WALLS, COMPLETE IN PLACE	SF	360	\$12.00	\$4,320.00	\$10.00	\$3,600.00	\$30.00	\$10,800.00
6	HYDROMULCH SEED DISTURBED AREAS, COMPLETE IN PLACE	AC	1	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,700.00	\$2,700.00
7	INSTALLATION AND REMOVAL OF REINFORCED FILTER FABRIC FENCE, SWMHCA SPECIFICATIONS NO. 4311, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	100	\$3.00	\$300.00	\$2.00	\$200.00	\$5.00	\$500.00
8	INSTALLATION, MAINTENANCE, & REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	1	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00
9	TEMPORARY TRAFFIC CONTROL FOR SITE PER FORT BEND COUNTY STANDARDS, COMPLETE IN PLACE	HR	40	\$50.00	\$2,000.00	\$10.00	\$400.00	\$87.50	\$3,500.00
10	SITE PREPARATION OF FAILURE PRIOR TO PLACEMENT OF IMPORTED EMBANKMENT FILL, INCLUDING EXCAVATION OF EXISTING SIDE SLOPE, COMPLETE IN PLACE	CY	222	\$15.00	\$3,330.00	\$20.00	\$4,440.00	\$45.71	\$10,147.62
11	IMPORT, PLACE, AND COMPACT FILL MATERIAL, COMPLETE IN PLACE. FILL MATERIAL SHALL CONSIST OF 15-30 P.I. AND 70% OF PARTICLES PASSING THE NO. 200 SIEVE, TO BE USED AS EMBANKMENT FOR CHANNEL REPAIR	CY	222	\$30.00	\$6,660.00	\$60.00	\$13,320.00	\$22.80	\$5,061.60
CHANNEL VA1 FEMA REIMBURSED ITEMS SUBTOTAL:					\$41,810.00		\$43,240.00		\$59,856.82
CHANNEL VA1 ADDITIONAL REPAIRS (OUTSIDE OF FEMA AREA) ITEMS									
1	HYDROMULCH SEED DISTURBED AREAS, COMPLETE IN PLACE	AC	1	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,700.00	\$2,700.00
2	SITE PREPARATION OF FAILURE PRIOR TO PLACEMENT OF IMPORTED EMBANKMENT FILL, INCLUDING EXCAVATION OF EXISTING SIDE SLOPE, COMPLETE IN PLACE	CY	500	\$25.00	\$12,500.00	\$20.00	\$10,000.00	\$45.71	\$22,855.00
3	IMPORT, PLACE, AND COMPACT FILL MATERIAL, COMPLETE IN PLACE. FILL MATERIAL SHALL CONSIST OF 15-30 P.I. AND 70% OF PARTICLES PASSING THE NO. 200 SIEVE, TO BE USED AS EMBANKMENT FOR CHANNEL REPAIR	CY	500	\$35.00	\$17,500.00	\$60.00	\$30,000.00	\$22.80	\$11,400.00
CHANNEL VA1 ADDITIONAL REPAIRS (OUTSIDE OF FEMA AREA) ITEMS SUBTOTAL:					\$32,500.00		\$42,500.00		\$36,955.00
CHANNEL VA9 FEMA REIMBURSED ITEMS									
1	MOBILIZATION, INCLUDES BONDS, INSURANCE, CONSTRUCTION PERMITS, ETC., COMPLETE IN PLACE	LS	1	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$1,582.40	\$1,582.40
2	INSTALLATION, MAINTENANCE & REMOVAL OF COFFER DAM, COMPLETE IN PLACE	SF	120	\$50.00	\$6,000.00	\$10.00	\$1,200.00	\$39.00	\$4,680.00
3	BYPASS PUMPING AS NEEDED AND IN ACCORDANCE WITH SPECIFICATION 02241, COMPLETE IN PLACE	HR	40	\$50.00	\$2,000.00	\$100.00	\$4,000.00	\$222.00	\$8,880.00
4	HYDROMULCH SEED DISTURBED AREAS, COMPLETE IN PLACE	AC	1	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,700.00	\$2,700.00

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CONSTRUCTION OF THE 2019 HURRICANE HARVEY EROSION REPAIRS ON VA1, VA9, AND VA12
 WILLOW FORK DRAINAGE DISTRICT
 CITY OF HOUSTON E.T.J., FORT BEND COUNTY, TEXAS
 SEPTEMBER 2, 2021
 LJA ENGINEERING, INC.
 D. FORREST
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 2642-0002T (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) DIVISION III + CONSTRUCTORS		2) COMPACT.TX		3) CHAMPIONS HYDRO-LAWN	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
5	INSTALLATION AND REMOVAL OF REINFORCED FILTER FABRIC FENCE, SWMHCA SPECIFICATIONS NO. 4311, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	100	\$3.00	\$300.00	\$2.00	\$200.00	\$5.00	\$500.00
6	INSTALLATION, MAINTENANCE, & REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	1	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00
7	TEMPORARY TRAFFIC CONTROL FOR SITE PER FORT BEND COUNTY STANDARDS, COMPLETE IN PLACE	HR	40	\$50.00	\$2,000.00	\$10.00	\$400.00	\$87.50	\$3,500.00
8	SITE PREPARATION OF FAILURE PRIOR TO PLACEMENT OF IMPORTED EMBANKMENT FILL, INCLUDING EXCAVATION OF EXISTING SIDE SLOPE, COMPLETE IN PLACE	CY	103	\$20.00	\$2,060.00	\$20.00	\$2,060.00	\$165.05	\$17,000.15
9	REMOVE AND DISPOSAL OF EXISTING ARTICULATED CONCRETE BLOCK (ACB) AND REPLACE WITH CONCRETE RIP RAP (GRADUATION 1) 18" THICK INCLUDING 36" X 36" TOE WALL AROUND PERIMETER OF RIP RAP AND GEOTEXTILE UNDERNEATH RIP RAP.	SY	125	\$110.00	\$13,750.00	\$150.00	\$18,750.00	\$200.10	\$25,012.50
10	IMPORT, PLACE, AND COMPACT FILL MATERIAL, COMPLETE IN PLACE. FILL MATERIAL SHALL CONSIST OF 15-30 P.I. AND 70% OF PARTICLES PASSING THE NO. 200 SIEVE, TO BE USED AS EMBANKMENT FOR CHANNEL REPAIR	CY	103	\$35.00	\$3,605.00	\$60.00	\$6,180.00	\$22.80	\$2,348.40
11	REMOVE AND REPLACE EXISTING 24" CMP WITH NEW POLYMER COATED 24" CMP INCLUDING ALL BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	60	\$100.00	\$6,000.00	\$150.00	\$9,000.00	\$181.11	\$10,866.60
CHANNEL VA9 FEMA REIMBURSED ITEMS SUBTOTAL:					\$51,215.00		\$56,790.00		\$82,070.05
CHANNEL VA12 FEMA REIMBURSED ITEMS									
1	MOBILIZATION, INCLUDES BONDS, INSURANCE, CONSTRUCTION PERMITS, ETC., COMPLETE IN PLACE	LS	1	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$1,150.00	\$1,150.00
2	INSTALLATION, MAINTENANCE & REMOVAL OF COFFER DAM, COMPLETE IN PLACE	SF	120	\$50.00	\$6,000.00	\$10.00	\$1,200.00	\$39.00	\$4,680.00
3	BYPASS PUMPING AS NEEDED AND IN ACCORDANCE WITH SPECIFICATION 02241, COMPLETE IN PLACE	HR	40	\$60.00	\$2,400.00	\$100.00	\$4,000.00	\$222.00	\$8,880.00
4	HYDROMULCH SEED DISTURBED AREAS, COMPLETE IN PLACE	AC	1	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,700.00	\$2,700.00
5	INSTALLATION AND REMOVAL OF REINFORCED FILTER FABRIC FENCE, SWMHCA SPECIFICATIONS NO. 4311, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	100	\$3.00	\$300.00	\$2.00	\$200.00	\$5.00	\$500.00
6	INSTALLATION, MAINTENANCE, & REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	1	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00
7	TEMPORARY TRAFFIC CONTROL FOR SITE PER FORT BEND COUNTY STANDARDS, COMPLETE IN PLACE	HR	40	\$50.00	\$2,000.00	\$10.00	\$400.00	\$87.50	\$3,500.00
8	SITE PREPARATION OF FAILURE PRIOR TO PLACEMENT OF IMPORTED EMBANKMENT FILL, INCLUDING EXCAVATION OF EXISTING SIDE SLOPE, COMPLETE IN PLACE	CY	65	\$20.00	\$1,300.00	\$20.00	\$1,300.00	\$215.38	\$13,999.70
9	IMPORT, PLACE, AND COMPACT FILL MATERIAL, COMPLETE IN PLACE. FILL MATERIAL SHALL CONSIST OF 15-30 P.I. AND 70% OF PARTICLES PASSING THE NO. 200 SIEVE, TO BE USED AS EMBANKMENT FOR CHANNEL REPAIR	CY	65	\$40.00	\$2,600.00	\$60.00	\$3,900.00	\$22.80	\$1,482.00
CHANNEL VA12 FEMA REIMBURSED ITEMS SUBTOTAL:					\$30,100.00		\$26,000.00		\$41,891.70

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SEPTEMBER 2, 2021
LJA ENGINEERING, INC.
D. FORREST
SEPTEMBER 2, 2021
2642-0002T (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) DIVISION III + CONSTRUCTORS		2) COMPACT.TX		3) CHAMPIONS HYDRO-LAWN	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
CHANNEL VA12 ADDITIONAL REPAIRS (OUTSIDE OF FEMA AREA) ITEMS									
1	HYDROMULCH SEED DISTURBED AREAS, COMPLETE IN PLACE	AC	1	\$2,500.00	\$2,500.00	\$3,000.00	\$3,000.00	\$2,700.00	\$2,700.00
2	SITE PREPARATION OF FAILURE PRIOR TO PLACEMENT OF IMPORTED EMBANKMENT FILL, INCLUDING EXCAVATION OF EXISTING SIDE SLOPE, COMPLETE IN PLACE	CY	310	\$25.00	\$7,750.00	\$20.00	\$6,200.00	\$25.25	\$7,827.50
3	IMPORT, PLACE, AND COMPACT FILL MATERIAL, COMPLETE IN PLACE. FILL MATERIAL SHALL CONSIST OF 15-30 P.I. AND 70% OF PARTICLES PASSING THE NO. 200 SIEVE, TO BE USED AS EMBANKMENT FOR CHANNEL REPAIR	CY	310	\$35.00	\$10,850.00	\$60.00	\$18,600.00	\$22.80	\$7,068.00
CHANNEL VA12 ADDITIONAL REPAIRS (OUTSIDE OF FEMA AREA) ITEMS SUBTOTAL:					\$21,100.00		\$27,800.00		\$17,595.50
BIDDING SUMMARY									
SUBTOTAL CHANNEL VA1 FEMA REIMBURSED ITEMS					\$41,810.00		\$43,240.00		\$59,856.82
SUBTOTAL CHANNEL VA1 ADDITIONAL REPAIRS (OUTSIDE OF FEMA AREA) ITEMS					\$32,500.00		\$42,500.00		\$36,955.00
SUBTOTAL CHANNEL VA9 FEMA REIMBURSED ITEMS					\$51,215.00		\$56,790.00		\$82,070.05
SUBTOTAL CHANNEL VA12 FEMA REIMBURSED ITEMS					\$30,100.00		\$26,000.00		\$41,891.70
SUBTOTAL CHANNEL VA12 ADDITIONAL REPAIRS (OUTSIDE OF FEMA AREA) ITEMS					\$21,100.00		\$27,800.00		\$17,595.50
TOTAL AMOUNT BASE BID					\$176,725.00		\$196,330.00		\$238,369.07

LJA Engineering, Inc.

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ITEM	DESCRIPTION	UNIT	QTY	4) AR TURNKEE		5) GAEL INC		6) TEXAS DEWATERING, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
CHANNEL VA1 FEMA REIMBURSED ITEMS									
1	MOBILIZATION, INCLUDES BONDS, INSURANCE, CONSTRUCTION PERMITS, ETC., COMPLETE IN PLACE	LS	1	\$7,000.00	\$7,000.00	\$20,574.00	\$20,574.00	\$39,950.00	\$39,950.00
2	INSTALLATION, MAINTENANCE & REMOVAL OF COFFER DAM, COMPLETE IN PLACE	SF	120	\$130.00	\$15,600.00	\$65.00	\$7,800.00	\$42.00	\$5,040.00
3	BYPASS PUMPING AS NEEDED AND IN ACCORDANCE WITH SPECIFICATION 02241, COMPLETE IN PLACE	HR	40	\$200.00	\$8,000.00	\$400.00	\$16,000.00	\$80.50	\$3,220.00
4	REMOVE EXISTING CONCRETE SLOPE PAVING, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00	\$5,600.00	\$5,600.00	\$19,700.00	\$19,700.00
5	INSTALL NEW 5" THICK REINFORCED CONCRETE SLOPE PAVING W/ TOE WALLS, COMPLETE IN PLACE	SF	360	\$20.00	\$7,200.00	\$21.00	\$7,560.00	\$130.00	\$46,800.00
6	HYDROMULCH SEED DISTURBED AREAS, COMPLETE IN PLACE	AC	1	\$2,000.00	\$2,000.00	\$1,980.00	\$1,980.00	\$3,500.00	\$3,500.00
7	INSTALLATION AND REMOVAL OF REINFORCED FILTER FABRIC FENCE, SWMHCA SPECIFICATIONS NO. 4311, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	100	\$2.00	\$200.00	\$6.00	\$600.00	\$5.50	\$550.00
8	INSTALLATION, MAINTENANCE, & REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	1	\$600.00	\$600.00	\$5,800.00	\$5,800.00	\$2,500.00	\$2,500.00
9	TEMPORARY TRAFFIC CONTROL FOR SITE PER FORT BEND COUNTY STANDARDS, COMPLETE IN PLACE	HR	40	\$200.00	\$8,000.00	\$150.00	\$6,000.00	\$210.00	\$8,400.00
10	SITE PREPARATION OF FAILURE PRIOR TO PLACEMENT OF IMPORTED EMBANKMENT FILL, INCLUDING EXCAVATION OF EXISTING SIDE SLOPE, COMPLETE IN PLACE	CY	222	\$21.00	\$4,662.00	\$70.00	\$15,540.00	\$100.00	\$22,200.00
11	IMPORT, PLACE, AND COMPACT FILL MATERIAL, COMPLETE IN PLACE. FILL MATERIAL SHALL CONSIST OF 15-30 P.I. AND 70% OF PARTICLES PASSING THE NO. 200 SIEVE, TO BE USED AS EMBANKMENT FOR CHANNEL REPAIR	CY	222	\$125.00	\$27,750.00	\$75.00	\$16,650.00	\$83.00	\$18,426.00
CHANNEL VA1 FEMA REIMBURSED ITEMS SUBTOTAL:					\$83,012.00		\$104,104.00		\$170,286.00
CHANNEL VA1 ADDITIONAL REPAIRS (OUTSIDE OF FEMA AREA) ITEMS									
1	HYDROMULCH SEED DISTURBED AREAS, COMPLETE IN PLACE	AC	1	\$1,800.00	\$1,800.00	\$1,900.00	\$1,900.00	\$3,500.00	\$3,500.00
2	SITE PREPARATION OF FAILURE PRIOR TO PLACEMENT OF IMPORTED EMBANKMENT FILL, INCLUDING EXCAVATION OF EXISTING SIDE SLOPE, COMPLETE IN PLACE	CY	500	\$21.00	\$10,500.00	\$65.00	\$32,500.00	\$100.00	\$50,000.00
3	IMPORT, PLACE, AND COMPACT FILL MATERIAL, COMPLETE IN PLACE. FILL MATERIAL SHALL CONSIST OF 15-30 P.I. AND 70% OF PARTICLES PASSING THE NO. 200 SIEVE, TO BE USED AS EMBANKMENT FOR CHANNEL REPAIR	CY	500	\$125.00	\$62,500.00	\$70.00	\$35,000.00	\$83.00	\$41,500.00
CHANNEL VA1 ADDITIONAL REPAIRS (OUTSIDE OF FEMA AREA) ITEMS SUBTOTAL:					\$74,800.00		\$69,400.00		\$95,000.00
CHANNEL VA9 FEMA REIMBURSED ITEMS									
1	MOBILIZATION, INCLUDES BONDS, INSURANCE, CONSTRUCTION PERMITS, ETC., COMPLETE IN PLACE	LS	1	\$7,000.00	\$7,000.00	\$18,500.00	\$18,500.00	\$39,950.00	\$39,950.00
2	INSTALLATION, MAINTENANCE & REMOVAL OF COFFER DAM, COMPLETE IN PLACE	SF	120	\$130.00	\$15,600.00	\$68.00	\$8,160.00	\$42.00	\$5,040.00
3	BYPASS PUMPING AS NEEDED AND IN ACCORDANCE WITH SPECIFICATION 02241, COMPLETE IN PLACE	HR	40	\$200.00	\$8,000.00	\$400.00	\$16,000.00	\$80.50	\$3,220.00
4	HYDROMULCH SEED DISTURBED AREAS, COMPLETE IN PLACE	AC	1	\$2,000.00	\$2,000.00	\$1,980.00	\$1,980.00	\$3,500.00	\$3,500.00

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ITEM	DESCRIPTION	UNIT	QTY	4) AR TURNKEE		5) GAEL INC		6) TEXAS DEWATERING, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
5	INSTALLATION AND REMOVAL OF REINFORCED FILTER FABRIC FENCE, SWMHCA SPECIFICATIONS NO. 4311, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	100	\$2.00	\$200.00	\$6.00	\$600.00	\$5.50	\$550.00
6	INSTALLATION, MAINTENANCE, & REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	1	\$600.00	\$600.00	\$5,800.00	\$5,800.00	\$2,500.00	\$2,500.00
7	TEMPORARY TRAFFIC CONTROL FOR SITE PER FORT BEND COUNTY STANDARDS, COMPLETE IN PLACE	HR	40	\$200.00	\$8,000.00	\$150.00	\$6,000.00	\$210.00	\$8,400.00
8	SITE PREPARATION OF FAILURE PRIOR TO PLACEMENT OF IMPORTED EMBANKMENT FILL, INCLUDING EXCAVATION OF EXISTING SIDE SLOPE, COMPLETE IN PLACE	CY	103	\$21.00	\$2,163.00	\$70.00	\$7,210.00	\$100.00	\$10,300.00
9	REMOVE AND DISPOSAL OF EXISTING ARTICULATED CONCRETE BLOCK (ACB) AND REPLACE WITH CONCRETE RIP RAP (GRADUATION 1) 18" THICK INCLUDING 36" X 36" TOE WALL AROUND PERIMETER OF RIP RAP AND GEOTEXTILE UNDERNEATH RIP RAP.	SY	125	\$205.00	\$25,625.00	\$356.00	\$44,500.00	\$55.00	\$6,875.00
10	IMPORT, PLACE, AND COMPACT FILL MATERIAL, COMPLETE IN PLACE. FILL MATERIAL SHALL CONSIST OF 15-30 P.I. AND 70% OF PARTICLES PASSING THE NO. 200 SIEVE, TO BE USED AS EMBANKMENT FOR CHANNEL REPAIR	CY	103	\$125.00	\$12,875.00	\$75.00	\$7,725.00	\$83.00	\$8,549.00
11	REMOVE AND REPLACE EXISTING 24" CMP WITH NEW POLYMER COATED 24" CMP INCLUDING ALL BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	60	\$165.00	\$9,900.00	\$175.00	\$10,500.00	\$275.00	\$16,500.00
CHANNEL VA9 FEMA REIMBURSED ITEMS SUBTOTAL:					\$91,963.00		\$126,975.00		\$105,384.00
CHANNEL VA12 FEMA REIMBURSED ITEMS									
1	MOBILIZATION, INCLUDES BONDS, INSURANCE, CONSTRUCTION PERMITS, ETC., COMPLETE IN PLACE	LS	1	\$7,000.00	\$7,000.00	\$13,600.00	\$13,600.00	\$39,950.00	\$39,950.00
2	INSTALLATION, MAINTENANCE & REMOVAL OF COFFER DAM, COMPLETE IN PLACE	SF	120	\$130.00	\$15,600.00	\$68.00	\$8,160.00	\$42.00	\$5,040.00
3	BYPASS PUMPING AS NEEDED AND IN ACCORDANCE WITH SPECIFICATION 02241, COMPLETE IN PLACE	HR	40	\$200.00	\$8,000.00	\$400.00	\$16,000.00	\$80.50	\$3,220.00
4	HYDROMULCH SEED DISTURBED AREAS, COMPLETE IN PLACE	AC	1	\$2,000.00	\$2,000.00	\$1,980.00	\$1,980.00	\$3,500.00	\$3,500.00
5	INSTALLATION AND REMOVAL OF REINFORCED FILTER FABRIC FENCE, SWMHCA SPECIFICATIONS NO. 4311, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	100	\$2.00	\$200.00	\$6.00	\$600.00	\$5.50	\$550.00
6	INSTALLATION, MAINTENANCE, & REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	1	\$600.00	\$600.00	\$5,800.00	\$5,800.00	\$2,500.00	\$2,500.00
7	TEMPORARY TRAFFIC CONTROL FOR SITE PER FORT BEND COUNTY STANDARDS, COMPLETE IN PLACE	HR	40	\$200.00	\$8,000.00	\$150.00	\$6,000.00	\$210.00	\$8,400.00
8	SITE PREPARATION OF FAILURE PRIOR TO PLACEMENT OF IMPORTED EMBANKMENT FILL, INCLUDING EXCAVATION OF EXISTING SIDE SLOPE, COMPLETE IN PLACE	CY	65	\$25.00	\$1,625.00	\$80.00	\$5,200.00	\$100.00	\$6,500.00
9	IMPORT, PLACE, AND COMPACT FILL MATERIAL, COMPLETE IN PLACE. FILL MATERIAL SHALL CONSIST OF 15-30 P.I. AND 70% OF PARTICLES PASSING THE NO. 200 SIEVE, TO BE USED AS EMBANKMENT FOR CHANNEL REPAIR	CY	65	\$125.00	\$8,125.00	\$90.00	\$5,850.00	\$83.00	\$5,395.00
CHANNEL VA12 FEMA REIMBURSED ITEMS SUBTOTAL:					\$51,150.00		\$63,190.00		\$75,055.00

BID TABULATION FOR:

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

CONSTRUCTION OF THE 2019 HURRICANE HARVEY EROSION REPAIRS ON VA1, VA9, AND VA12
WILLOW FORK DRAINAGE DISTRICT
CITY OF HOUSTON E.T.J., FORT BEND COUNTY, TEXAS
SEPTEMBER 2, 2021
LJA ENGINEERING, INC.
D. FORREST
SEPTEMBER 2, 2021
2642-0002T (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) AR TURNKEE		5) GAEL INC		6) TEXAS DEWATERING, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
CHANNEL VA12 ADDITIONAL REPAIRS (OUTSIDE OF FEMA AREA) ITEMS									
1	HYDROMULCH SEED DISTURBED AREAS, COMPLETE IN PLACE	AC	1	\$1,800.00	\$1,800.00	\$1,900.00	\$1,900.00	\$3,500.00	\$3,500.00
2	SITE PREPARATION OF FAILURE PRIOR TO PLACEMENT OF IMPORTED EMBANKMENT FILL, INCLUDING EXCAVATION OF EXISTING SIDE SLOPE, COMPLETE IN PLACE	CY	310	\$21.00	\$6,510.00	\$70.00	\$21,700.00	\$100.00	\$31,000.00
3	IMPORT, PLACE, AND COMPACT FILL MATERIAL, COMPLETE IN PLACE. FILL MATERIAL SHALL CONSIST OF 15-30 P.I. AND 70% OF PARTICLES PASSING THE NO. 200 SIEVE, TO BE USED AS EMBANKMENT FOR CHANNEL REPAIR	CY	310	\$125.00	\$38,750.00	\$75.00	\$23,250.00	\$83.00	\$25,730.00
CHANNEL VA12 ADDITIONAL REPAIRS (OUTSIDE OF FEMA AREA) ITEMS SUBTOTAL:					\$47,060.00		\$46,850.00		\$60,230.00
BIDDING SUMMARY									
SUBTOTAL CHANNEL VA1 FEMA REIMBURSED ITEMS					\$83,012.00		\$104,104.00		\$170,286.00
SUBTOTAL CHANNEL VA1 ADDITIONAL REPAIRS (OUTSIDE OF FEMA AREA) ITEMS					\$74,800.00		\$69,400.00		\$95,000.00
SUBTOTAL CHANNEL VA9 FEMA REIMBURSED ITEMS					\$91,963.00		\$126,975.00		\$105,384.00
SUBTOTAL CHANNEL VA12 FEMA REIMBURSED ITEMS					\$51,150.00		\$63,190.00		\$75,055.00
SUBTOTAL CHANNEL VA12 ADDITIONAL REPAIRS (OUTSIDE OF FEMA AREA) ITEMS					\$47,060.00		\$46,850.00		\$60,230.00
TOTAL AMOUNT BASE BID					\$347,985.00		\$410,519.00		\$505,955.00

LJA Engineering, Inc.