

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES  
& PAVING AND APPURTENANCES TO SERVE FULSHEAR LAKES LAKESIDE PARK SECTION 1  
FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 216  
CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS  
APRIL 12, 2023  
LJA ENGINEERING, INC.  
A.OTTO  
APRIL 12, 2023  
2493-0129 (9.2)

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

BIDDER'S NAME	TOTAL AMOUNT BID	PROPOSED CONTRACT TIME
1) HURTADO CONSTRUCTION COMPANY	\$848,115.23	45/60
2) R CONSTRUCTION CIVIL, LLC	\$876,662.45	55/65
3) PRINCIPAL SERVICES, LTD	\$906,071.88	25/35
4) CROSTEX CONSTRUCTION INC.	\$950,000.00	75/90



*Kane Mudd*

04/14/2023

I, Kane Mudd, PE, hereby certify these bid tabulations to be true and correct.

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 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 216  
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS  
 APRIL 12, 2023  
 LJA ENGINEERING, INC.  
 A. OTTO  
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ITEM	DESCRIPTION	UNIT	QTY	1) HURTADO CONSTRUCTION COMPANY		2) R CONSTRUCTION CIVIL, LLC		3) PRINCIPAL SERVICES, LTD		
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
<b>WATER ITEMS</b>										
1	8" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES BEDDING, BACKFILL, AND FITTINGS, COMPLETE IN PLACE	LF	1446	\$33.28	\$48,122.88	\$35.00	\$50,610.00	\$30.00	\$43,380.00	
2	8" PVC RESTRAINED-JOINT WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES BEDDING, BACKFILL, AND FITTINGS, COMPLETE IN PLACE	LF	56	\$48.00	\$2,688.00	\$60.00	\$3,360.00	\$54.00	\$3,024.00	
3	8" AWWA GATE VALVE AND BOX, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	1	\$1,638.00	\$1,638.00	\$1,925.00	\$1,925.00	\$1,800.00	\$1,800.00	
4	TRENCH SAFETY SYSTEM, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	LF	1502	\$0.02	\$30.04	\$0.10	\$150.20	\$0.10	\$150.20	
5	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, LEAD, AND FIRE HYDRANT, COMPLETE IN PLACE	EA	3	\$6,488.00	\$19,464.00	\$5,850.00	\$17,550.00	\$5,000.00	\$15,000.00	
6	REMOVE AND DISPOSE OF EXISTING PLUG & CLAMP, (ALL SIZES), 2" BLOW-OFF VALVE AND BOX AND CONNECT PROPOSED WATER LINE TO EXISTING WATER LINE, TO INCLUDE ALL NECESSARY ADAPTERS AND CONNECTORS AND DISINFECTION OF EXISTING WATER LINE AS NEEDED, COMPLETE IN PLACE	EA	2	\$8.00	\$16.00	\$340.00	\$680.00	\$600.00	\$1,200.00	
7	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	338	\$0.48	\$162.24	\$2.00	\$676.00	\$2.00	\$676.00	
8	EXTRA CAST IRON FITTINGS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	TON	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	
<b>WATER ITEMS SUBTOTAL:</b>					<b>\$73,121.16</b>		<b>\$75,951.20</b>		<b>\$66,230.20</b>	
<b>SANITARY SEWER SYSTEM ITEMS</b>										
1	8" PVC SEWER PIPE, 0' - 12' CUT, ASTM D-3034, SDR 26, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1552	\$42.00	\$65,184.00	\$34.00	\$52,768.00	\$45.00	\$69,840.00	
2	TRENCH SAFETY SYSTEM, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	LF	2222	\$0.02	\$44.44	\$0.10	\$222.20	\$0.10	\$222.20	
3	STANDARD SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (0' - 8' DEPTH), TO INCLUDE INFLOW PREVENTER AND FINAL ADJUSTMENTS AS REQUIRED, COMPLETE IN PLACE	EA	9	\$2,668.00	\$24,012.00	\$2,650.00	\$23,850.00	\$2,500.00	\$22,500.00	
4	EXTRA DEPTH OF SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	6	\$138.00	\$828.00	\$175.00	\$1,050.00	\$200.00	\$1,200.00	
5	DEWATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	222	\$250.00	\$55,500.00	\$250.00	\$55,500.00	\$250.00	\$55,500.00	
6	ADDITIONAL COST FOR SANITARY SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL. CONDITIONS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	222	\$15.00	\$3,330.00	\$15.00	\$3,330.00	\$15.00	\$3,330.00	
7	EXTRA CEMENT STABILIZED SAND, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00	
8	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	14	\$1,058.00	\$14,812.00	\$1,575.00	\$22,050.00	\$1,000.00	\$14,000.00	
9	"FAR SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), ALL LENGTHS INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	670	\$54.88	\$36,769.60	\$50.00	\$33,500.00	\$44.00	\$29,480.00	
10	CORE INTO SANITARY MANHOLE AND CONNECT PROPOSED 8" SANITARY SEWER TO MANHOLE, COMPLETE IN PLACE	EA	2	\$800.00	\$1,600.00	\$1,375.00	\$2,750.00	\$100.00	\$200.00	
11	STANDARD SANITARY SEWER DROP STRUCTURE, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$400.00	\$400.00	\$800.00	\$800.00	

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 A. OTTO  
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ITEM	DESCRIPTION	UNIT	QTY	1) HURTADO CONSTRUCTION COMPANY		2) R CONSTRUCTION CIVIL, LLC		3) PRINCIPAL SERVICES, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
12	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	333	\$0.48	\$159.84	\$2.00	\$666.00	\$2.00	\$666.00
<b>SANITARY SEWER SYSTEM ITEMS SUBTOTAL:</b>					<b>\$205,039.88</b>		<b>\$198,086.20</b>		<b>\$199,738.20</b>
<b>STORM SEWER SYSTEM ITEMS</b>									
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, COMPLETE IN PLACE	LF	735	\$74.88	\$55,036.80	\$79.00	\$58,065.00	\$85.00	\$62,475.00
2	30" RCP STORM SEWER, ASTM C-76, CLASS III, COMPLETE IN PLACE	LF	690	\$98.00	\$67,620.00	\$109.00	\$75,210.00	\$103.00	\$71,070.00
3	STAGE I – STANDARD (TYPE "H-2") INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	12	\$1,028.00	\$12,336.00	\$1,050.00	\$12,600.00	\$1,200.00	\$14,400.00
4	STAGE II – STANDARD (TYPE "H-2") INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	12	\$1,448.00	\$17,376.00	\$2,150.00	\$25,800.00	\$1,000.00	\$12,000.00
5	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, INCLUDING FINAL ADJUSTMENTS AS REQUIRED, COMPLETE IN PLACE	EA	10	\$2,088.00	\$20,880.00	\$2,550.00	\$25,500.00	\$2,500.00	\$25,000.00
6	TRENCH SAFETY SYSTEM, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	LF	1424	\$0.08	\$113.92	\$0.10	\$142.40	\$0.10	\$142.40
7	REMOVE AND DISPOSE OF EXISTING BRICK PLUG AND CONNECT PROPOSED STORM SEWER, COMPLETE IN PLACE	EA	1	\$8.00	\$8.00	\$550.00	\$550.00	\$250.00	\$250.00
8	BREAK INTO EXISTING MANHOLE AND CONNECT PROPOSED STORM SEWER, COMPLETE IN PLACE	EA	1	\$8.00	\$8.00	\$550.00	\$550.00	\$250.00	\$250.00
9	DEWATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	142	\$25.00	\$3,550.00	\$25.00	\$3,550.00	\$25.00	\$3,550.00
10	ADDITIONAL COST FOR STORM SEWER BEDDING & BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	142	\$15.00	\$2,130.00	\$15.00	\$2,130.00	\$15.00	\$2,130.00
11	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	1003	\$0.48	\$481.44	\$1.00	\$1,003.00	\$2.00	\$2,006.00
12	EXTRA CEMENT STABILIZED SAND, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00
<b>STORM SEWER SYSTEM ITEMS SUBTOTAL:</b>					<b>\$181,540.16</b>		<b>\$207,100.40</b>		<b>\$195,273.40</b>
<b>MISCELLANEOUS WS&amp;D ITEMS</b>									
1	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE ALONG BACK OF CURB (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	3283	\$1.25	\$4,103.75	\$1.25	\$4,103.75	\$1.25	\$4,103.75
2	INSTALL AND MAINTAIN FILTER FABRIC FENCE (TO BE USED AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	3012	\$1.00	\$3,012.00	\$1.00	\$3,012.00	\$1.00	\$3,012.00
3	STAGE II INLET PROTECTION BARRIER (TO BE USED AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	12	\$1.00	\$12.00	\$30.00	\$360.00	\$10.00	\$120.00
4	STABILIZED CONSTRUCTION EXIT, INCLUDES INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	1	\$488.00	\$488.00	\$1,750.00	\$1,750.00	\$500.00	\$500.00

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ITEM	DESCRIPTION	UNIT	QTY	1) HURTADO CONSTRUCTION COMPANY		2) R CONSTRUCTION CIVIL, LLC		3) PRINCIPAL SERVICES, LTD	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
5	STORMWATER POLLUTION PREVENTION PLAN COMPLIANCE. INSPECTIONS, MAINTENANCE OF ENTRANCE AND FENCE, NOI, NOT AND ALL OTHER ITEMS NOT SPECIFICALLY LISTED ABOVE, COMPLETE IN PLACE	LS	1	\$800.00	\$800.00	\$1,300.00	\$1,300.00	\$100.00	\$100.00
6	CITY OF FULSHEAR INSPECTION FEE (0.75% OF TOTAL CONSTRUCTION COST OF WS&D FACILITIES)	LS	1	\$3,537.68	\$3,537.68	\$3,525.00	\$3,525.00	\$3,500.00	\$3,500.00
<b>MISCELLANEOUS WS&amp;D ITEMS SUBTOTAL:</b>					<b>\$11,953.43</b>	<b>\$14,050.75</b>	<b>\$11,335.75</b>		
<b>PAVING IMPROVEMENT ITEMS</b>									
1	6" REINFORCED CONCRETE PAVEMENT, INCLUDING REINFORCED CONCRETE CURB, COMPLETE IN PLACE	SY	5300	\$48.00	\$254,400.00	\$47.00	\$249,100.00	\$55.00	\$291,500.00
2	8" LIME STABILIZED SUB-GRADE (MANIPULATION), COMPLETE IN PLACE	SY	6036	\$2.88	\$17,383.68	\$3.40	\$20,522.40	\$4.00	\$24,144.00
3	HYDRATED LIME FOR 8" STABILIZED SUB-GRADE (60 LBS / SY) AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	181	\$298.00	\$53,938.00	\$265.00	\$47,965.00	\$295.00	\$53,395.00
4	R.O.W. EXCAVATION, TO INCLUDE STRIPPING & PROOFROLLING, COMPLETE IN PLACE	CY	1689	\$1.68	\$2,837.52	\$3.25	\$5,489.25	\$5.00	\$8,445.00
5	PLACEMENT OF R.O.W. EXCAVATION MATERIAL, TO INCLUDE STRIPPING & PROOFROLLING, HAULING, PLACEMENT AND COMPACTION OF MATERIALS, COMPLETE IN PLACE	CY	1689	\$1.68	\$2,837.52	\$3.25	\$5,489.25	\$5.00	\$8,445.00
6	LOT AND RESERVE EXCAVATION, TO INCLUDE STRIPPING & PROOFROLLING, COMPLETE IN PLACE	CY	239	\$2.28	\$544.92	\$12.00	\$2,868.00	\$7.00	\$1,673.00
7	PLACEMENT OF LOT AND RESERVE EXCAVATION MATERIAL, TO INCLUDE STRIPPING & PROOFROLLING, HAULING, PLACEMENT AND COMPACTION OF MATERIALS, COMPLETE IN PLACE	CY	239	\$2.28	\$544.92	\$12.00	\$2,868.00	\$7.00	\$1,673.00
8	COMPLETE LOT GRADING (47 LOTS AND 3 RESERVES) AND FINAL DRESSING OF ALL AREAS, COMPLETE IN PLACE	LS	1	\$8,800.00	\$8,800.00	\$10,700.00	\$10,700.00	\$7,500.00	\$7,500.00
9	PERMANENT TRAFFIC CONTROL SIGNS INCLUDING STOP SIGNS, WITH STREET NAMES, DIRECTION SIGNS WITH SUPPLEMENTS, ETC., ACCORDING TO DETAILS ON SHEET 22 & 22A, COMPLETE IN PLACE	EA	3	\$548.00	\$1,644.00	\$530.00	\$1,590.00	\$600.00	\$1,800.00
10	PERMANENT TRAFFIC CONTROL DEVICES, (INCLUDING TRAFFIC BUTTONS, PAVEMENT STRIPING), COMPLETE IN PLACE	LS	1	\$1,048.00	\$1,048.00	\$1,050.00	\$1,050.00	\$1,500.00	\$1,500.00
11	REMOVAL OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	2	\$0.02	\$0.04	\$1.00	\$2.00	\$50.00	\$100.00
12	CONNECT PROPOSED 6" CONCRETE PAVEMENT TO EXISTING PAVEMENT HEADER, COMPLETE IN PLACE	EA	2	\$1,128.00	\$2,256.00	\$2,200.00	\$4,400.00	\$940.00	\$1,880.00
13	BRICK PAVER CONSTRUCTION PER DETAIL ON SHEET 13, TO INCLUDE REINFORCED CONCRETE CURB AND BEDDING SAND, COMPLETE IN PLACE	SY	63	\$198.00	\$12,474.00	\$190.00	\$11,970.00	\$132.00	\$8,316.00
<b>PAVING IMPROVEMENT ITEMS SUBTOTAL:</b>					<b>\$358,708.60</b>	<b>\$364,013.90</b>	<b>\$410,371.00</b>		
<b>MISCELLANEOUS ITEMS - PAVING</b>									
1	CONCRETE TRUCK WASHOUT PIT, TO INCLUDE INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$500.00	\$500.00	\$100.00	\$100.00
2	FORT BEND COUNTY ROAD BOND, (TOTAL BOND AMOUNT = \$122,528.70)	LS	1	\$2,952.00	\$2,952.00	\$1,960.00	\$1,960.00	\$3,500.00	\$3,500.00
3	FURNISH PERFORMANCE, PAYMENT, AND MAINTENANCE BONDS PER CONTRACT	LS	1	\$14,000.00	\$14,000.00	\$15,000.00	\$15,000.00	\$19,523.33	\$19,523.33
<b>MISCELLANEOUS ITEMS - PAVING SUBTOTAL:</b>					<b>\$17,752.00</b>	<b>\$17,460.00</b>	<b>\$23,123.33</b>		

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b><u>BIDDING SUMMARY</u></b>									
	SUBTOTAL WATER ITEMS				\$73,121.16		\$75,951.20		\$66,230.20
	SUBTOTAL SANITARY SEWER SYSTEM ITEMS				\$205,039.88		\$198,086.20		\$199,738.20
	SUBTOTAL STORM SEWER SYSTEM ITEMS				\$181,540.16		\$207,100.40		\$195,273.40
	SUBTOTAL MISCELLANEOUS WS&D ITEMS				\$11,953.43		\$14,050.75		\$11,335.75
	SUBTOTAL PAVING IMPROVEMENT ITEMS				\$358,708.60		\$364,013.90		\$410,371.00
	SUBTOTAL MISCELLANEOUS ITEMS - PAVING				\$17,752.00		\$17,460.00		\$23,123.33
	<b>TOTAL AMOUNT BASE BID</b>				<b>\$848,115.23</b>		<b>\$876,662.45</b>		<b>\$906,071.88</b>

LJA Engineering, INC.

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4) CROSTEX CONSTRUCTION INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
<b>WATER ITEMS</b>					
1	8" PVC WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES BEDDING, BACKFILL, AND FITTINGS, COMPLETE IN PLACE	LF	1446	\$35.00	\$50,610.00
2	8" PVC RESTRAINED-JOINT WATER PIPE, AWWA C-900, DR 18, CLASS 235, INCLUDES BEDDING, BACKFILL, AND FITTINGS, COMPLETE IN PLACE	LF	56	\$53.00	\$2,968.00
3	8" AWWA GATE VALVE AND BOX, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	1	\$1,750.00	\$1,750.00
4	TRENCH SAFETY SYSTEM, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	LF	1502	\$1.05	\$1,577.10
5	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, LEAD, AND FIRE HYDRANT, COMPLETE IN PLACE	EA	3	\$6,400.00	\$19,200.00
6	REMOVE AND DISPOSE OF EXISTING PLUG & CLAMP, (ALL SIZES), 2" BLOW-OFF VALVE AND BOX AND CONNECT PROPOSED WATER LINE TO EXISTING WATER LINE, TO INCLUDE ALL NECESSARY ADAPTERS AND CONNECTORS AND DISINFECTION OF EXISTING WATER LINE AS NEEDED, COMPLETE IN PLACE	EA	2	\$1,500.00	\$3,000.00
7	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	338	\$1.00	\$338.00
8	EXTRA CAST IRON FITTINGS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	TON	1	\$1,000.00	\$1,000.00
<b>WATER ITEMS SUBTOTAL:</b>					<b>\$80,443.10</b>
<b>SANITARY SEWER SYSTEM ITEMS</b>					
1	8" PVC SEWER PIPE, 0' - 12' CUT, ASTM D-3034, SDR 26, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1552	\$35.00	\$54,320.00
2	TRENCH SAFETY SYSTEM, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	LF	2222	\$1.05	\$2,333.10
3	STANDARD SANITARY SEWER MANHOLE FOR 6"-24" SANITARY SEWER PIPES, (0' - 8' DEPTH), TO INCLUDE INFLOW PREVENTER AND FINAL ADJUSTMENTS AS REQUIRED, COMPLETE IN PLACE	EA	9	\$3,000.00	\$27,000.00
4	EXTRA DEPTH OF SANITARY SEWER MANHOLE (OVER 8' DEPTH), COMPLETE IN PLACE	VF	6	\$300.00	\$1,800.00
5	DEWATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	222	\$250.00	\$55,500.00
6	ADDITIONAL COST FOR SANITARY SEWER BEDDING AND BACKFILL FOR UNSATISFACTORY SOIL. CONDITIONS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	222	\$15.00	\$3,330.00
7	EXTRA CEMENT STABILIZED SAND, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	100	\$20.00	\$2,000.00
8	"SHORT SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	14	\$1,565.00	\$21,910.00
9	"FAR SIDE" DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-2241, SDR 26, (ALL DEPTHS), ALL LENGTHS INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	LF	670	\$42.00	\$28,140.00
10	CORE INTO SANITARY MANHOLE AND CONNECT PROPOSED 8" SANITARY SEWER TO MANHOLE, COMPLETE IN PLACE	EA	2	\$2,500.00	\$5,000.00
11	STANDARD SANITARY SEWER DROP STRUCTURE, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$750.00	\$750.00

**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES  
 & PAVING AND APPURTENANCES TO SERVE FULSHEAR LAKES LAKESIDE PARK SECTION 1  
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 216  
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS  
 APRIL 12, 2023  
 LJA ENGINEERING, INC.  
 A.OTTO  
 APRIL 12, 2023  
 2493-0129 (9.2)

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

## 4) CROSTEX CONSTRUCTION INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
12	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	333	\$1.00	\$333.00
<b>SANITARY SEWER SYSTEM ITEMS SUBTOTAL:</b>					<b>\$202,416.10</b>
<b>STORM SEWER SYSTEM ITEMS</b>					
1	24" RCP STORM SEWER, ASTM C-76, CLASS III, COMPLETE IN PLACE	LF	735	\$74.00	\$54,390.00
2	30" RCP STORM SEWER, ASTM C-76, CLASS III, COMPLETE IN PLACE	LF	690	\$95.00	\$65,550.00
3	STAGE I – STANDARD (TYPE "H-2") INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	12	\$2,000.00	\$24,000.00
4	STAGE II – STANDARD (TYPE "H-2") INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	12	\$1,000.00	\$12,000.00
5	TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, INCLUDING FINAL ADJUSTMENTS AS REQUIRED, COMPLETE IN PLACE	EA	10	\$3,600.00	\$36,000.00
6	TRENCH SAFETY SYSTEM, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	LF	1424	\$1.05	\$1,495.20
7	REMOVE AND DISPOSE OF EXISTING BRICK PLUG AND CONNECT PROPOSED STORM SEWER, COMPLETE IN PLACE	EA	1	\$1,200.00	\$1,200.00
8	BREAK INTO EXISTING MANHOLE AND CONNECT PROPOSED STORM SEWER, COMPLETE IN PLACE	EA	1	\$1,250.00	\$1,250.00
9	DEWATERING, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	142	\$25.00	\$3,550.00
10	ADDITIONAL COST FOR STORM SEWER BEDDING & BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	142	\$15.00	\$2,130.00
11	UTILITY SPOIL TO BE HAULED, SPREAD AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	1003	\$1.00	\$1,003.00
12	EXTRA CEMENT STABILIZED SAND, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	100	\$20.00	\$2,000.00
<b>STORM SEWER SYSTEM ITEMS SUBTOTAL:</b>					<b>\$204,568.20</b>
<b>MISCELLANEOUS WS&amp;D ITEMS</b>					
1	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE ALONG BACK OF CURB (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	3283	\$1.25	\$4,103.75
2	INSTALL AND MAINTAIN FILTER FABRIC FENCE (TO BE USED AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	3012	\$1.00	\$3,012.00
3	STAGE II INLET PROTECTION BARRIER (TO BE USED AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	12	\$50.00	\$600.00
4	STABILIZED CONSTRUCTION EXIT, INCLUDES INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	1	\$1,800.00	\$1,800.00

**BID TABULATION FOR:**

CONSTRUCTION OF THE WATER, SANITARY SEWER, DRAINAGE FACILITIES  
 & PAVING AND APPURTENANCES TO SERVE FULSHEAR LAKES LAKESIDE PARK SECTION 1  
 FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 216  
 CITY OF FULSHEAR E.T.J., FORT BEND COUNTY, TEXAS  
 APRIL 12, 2023  
 LJA ENGINEERING, INC.  
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**LJA JOB NO.**

4) CROSTEX CONSTRUCTION INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
5	STORMWATER POLLUTION PREVENTION PLAN COMPLIANCE. INSPECTIONS, MAINTENANCE OF ENTRANCE AND FENCE, NOI, NOT AND ALL OTHER ITEMS NOT SPECIFICALLY LISTED ABOVE, COMPLETE IN PLACE	LS	1	\$3,500.00	\$3,500.00
6	CITY OF FULSHEAR INSPECTION FEE (0.75% OF TOTAL CONSTRUCTION COST OF WS&D FACILITIES)	LS	1	\$4,000.00	\$4,000.00

**MISCELLANEOUS WS&D ITEMS SUBTOTAL: \$17,015.75**

**PAVING IMPROVEMENT ITEMS**

1	6" REINFORCED CONCRETE PAVEMENT, INCLUDING REINFORCED CONCRETE CURB, COMPLETE IN PLACE	SY	5300	\$54.55	\$289,115.00
2	8" LIME STABILIZED SUB-GRADE (MANIPULATION), COMPLETE IN PLACE	SY	6036	\$3.55	\$21,427.80
3	HYDRATED LIME FOR 8" STABILIZED SUB-GRADE (60 LBS / SY) AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	181	\$283.00	\$51,223.00
4	R.O.W. EXCAVATION, TO INCLUDE STRIPPING & PROOFROLLING, COMPLETE IN PLACE	CY	1689	\$5.05	\$8,529.45
5	PLACEMENT OF R.O.W. EXCAVATION MATERIAL, TO INCLUDE STRIPPING & PROOFROLLING, HAULING, PLACEMENT AND COMPACTION OF MATERIALS, COMPLETE IN PLACE	CY	1689	\$3.55	\$5,995.95
6	LOT AND RESERVE EXCAVATION, TO INCLUDE STRIPPING & PROOFROLLING, COMPLETE IN PLACE	CY	239	\$5.05	\$1,206.95
7	PLACEMENT OF LOT AND RESERVE EXCAVATION MATERIAL, TO INCLUDE STRIPPING & PROOFROLLING, HAULING, PLACEMENT AND COMPACTION OF MATERIALS, COMPLETE IN PLACE	CY	239	\$3.55	\$848.45
8	COMPLETE LOT GRADING (47 LOTS AND 3 RESERVES) AND FINAL DRESSING OF ALL AREAS, COMPLETE IN PLACE	LS	1	\$7,100.00	\$7,100.00
9	PERMANENT TRAFFIC CONTROL SIGNS INCLUDING STOP SIGNS, WITH STREET NAMES, DIRECTION SIGNS WITH SUPPLEMENTS, ETC., ACCORDING TO DETAILS ON SHEET 22 & 22A, COMPLETE IN PLACE	EA	3	\$2,500.00	\$7,500.00
10	PERMANENT TRAFFIC CONTROL DEVICES, (INCLUDING TRAFFIC BUTTONS, PAVEMENT STRIPING), COMPLETE IN PLACE	LS	1	\$2,525.00	\$2,525.00
11	REMOVAL OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	2	\$100.00	\$200.00
12	CONNECT PROPOSED 6" CONCRETE PAVEMENT TO EXISTING PAVEMENT HEADER, COMPLETE IN PLACE	EA	2	\$560.00	\$1,120.00
13	BRICK PAVER CONSTRUCTION PER DETAIL ON SHEET 13, TO INCLUDE REINFORCED CONCRETE CURB AND BEDDING SAND, COMPLETE IN PLACE	SY	63	\$205.00	\$12,915.00

**PAVING IMPROVEMENT ITEMS SUBTOTAL: \$409,706.60**

**MISCELLANEOUS ITEMS - PAVING**

1	CONCRETE TRUCK WASHOUT PIT, TO INCLUDE INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00
2	FORT BEND COUNTY ROAD BOND, (TOTAL BOND AMOUNT = \$122,528.70)	LS	1	\$3,200.00	\$3,200.00
3	FURNISH PERFORMANCE, PAYMENT, AND MAINTENANCE BONDS PER CONTRACT	LS	1	\$30,650.25	\$30,650.25

**MISCELLANEOUS ITEMS - PAVING SUBTOTAL: \$35,850.25**



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4) CROSTEX CONSTRUCTION INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
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**BIDDING SUMMARY**

SUBTOTAL WATER ITEMS					\$80,443.10
SUBTOTAL SANITARY SEWER SYSTEM ITEMS					\$202,416.10
SUBTOTAL STORM SEWER SYSTEM ITEMS					\$204,568.20
SUBTOTAL MISCELLANEOUS WS&D ITEMS					\$17,015.75
SUBTOTAL PAVING IMPROVEMENT ITEMS					\$409,706.60
SUBTOTAL MISCELLANEOUS ITEMS - PAVING					\$35,850.25
<b>TOTAL AMOUNT BASE BID</b>					<b>\$950,000.00</b>

LJA Engineering, Inc.