

**BID TABULATION FOR:**

CONSTRUCTION OF THE KATY CROSSING LIFT STATION  
TO SERVE HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495  
CITY OF HOUSTON, E.T.J.  
HARRIS COUNTY, TEXAS  
FEBRUARY 6, 2018  
LJA ENGINEERING, INC.  
C. DURHAM  
FEBRUARY 6, 2018  
0218-3528 (9.2)

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

BIDDER'S NAME	TOTAL BID AMOUNT	TOTAL BID AMOUNT INCL. ALTERNATE
1) HASSELL CONSTRUCTION CO., INC.	\$765,653.00	\$728,183.00
2) PRINCIPAL PLANT SERVICES, LLC	\$810,465.94 *	\$735,313.61 *
3) C4 PARTNERS, LLC	\$860,464.54 *	\$753,675.04 *
4) SJ SERVICES, LLC	\$867,474.75 *	\$821,261.75 *
5) B-5 CONSTRUCTION CO., INC.	\$880,398.00 *	\$795,466.00 *
6) T & C CONSTRUCTION, LTD.	\$883,874.00	\$802,689.00
7) PELTIER BROTHERS CONSTRUCTION, LTD. BY PB, LLC; ITS GENERAL PARTNER	\$918,337.00 *	\$853,389.00 *
8) R & B GROUP, INC.	\$943,000.00 *	\$878,052.00 *
9) DESERT EAGLE, LLC DBA PANORAMA	\$961,736.00	\$885,547.00
10) R J CONSTRUCTION COMPANY, INC.	\$1,199,990.00 *	\$1,112,560.00 *

CALENDAR DAYS - 180 / 200



*CV*

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

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ITEM	DESCRIPTION	UNIT	QTY	1) HASSELL CONSTRUCTION CO., INC.		2) PRINCIPAL PLANT SERVICES, LLC		3) C4 PARTNERS, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>SANITARY LIFT STATION ITEMS</b>									
1.	SITE WORK, INCLUDING BUT NOT LIMITED TO SITE GRADING, BROADCAST SEEDING, SITE DRAINAGE, COMPLETE IN PLACE	LS	1	\$5,000.00	\$5,000.00	\$31,000.00	\$31,000.00	\$3,536.00	\$3,536.00
2.	10' CONCRETE WET WELL AND VALVE PAD, INCLUDING ACCESS HATCHES, VENT, AND ALL APPURTENANCES WITH DRAWINGS, COMPLETE IN PLACE	LS	1	\$165,000.00	\$165,000.00	\$207,500.00	\$207,500.00	\$180,580.00	\$180,580.00
3.	10 HP SUBMERSIBLE PUMP WITH MINIMUM EFFICIENCY OF 60% AT 584 GPM AND 40.9' T.D.H. WITH TWO PUMPS RUNNING, INCLUDING DISCHARGE ELBOW, GUIDE RAILS, AND ALL APPURTENANCES FOR PROPOSED PUMPS, COMPLETE IN PLACE	EA	3	\$27,000.00	\$81,000.00	\$22,333.33	\$66,999.99	\$24,320.00	\$72,960.00
4.	SANITARY LIFT STATION AND VALVE PAD PIPING, INCLUDING PIPE, VALVES, FITTINGS, SUPPORTS, AND ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$32,000.00	\$32,000.00	\$27,000.00	\$27,000.00	\$63,870.00	\$63,870.00
5.	16" AWWA C905, DR 18, SEWER PIPE, ALL DEPTHS, INCLUDING EXCAVATION, BACKFILL AND BEDDING, COMPLETE IN PLACE	LF	189	\$52.00	\$9,828.00	\$130.00	\$24,570.00	\$287.00	\$54,243.00
6.	6" AWWA C900, FORCE MAIN, DR 18, ALL DEPTHS, INCLUDING FITTINGS, EXCAVATION, BACKFILL AND BEDDING, COMPLETE IN PLACE	LF	52	\$41.00	\$2,132.00	\$80.00	\$4,160.00	\$61.75	\$3,211.00
7.	STANDARD SANITARY MANHOLE ALL DEPTHS, INCLUDES EXCAVATION, BEDDING, BACKFILL, COMPLETE IN PLACE	EA	1	\$3,000.00	\$3,000.00	\$7,500.00	\$7,500.00	\$5,775.00	\$5,775.00
8.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	241	\$6.00	\$1,446.00	\$4.15	\$1,000.15	\$0.44	\$106.04
9.	1" NON-POTABLE WATER LINE, COMPLETE IN PLACE	LF	30	\$14.00	\$420.00	\$50.00	\$1,500.00	\$15.50	\$465.00
10.	PROVIDE AND INSTALL NON-FREEZE HOSE BIBB, ALL NECESSARY APPURTENANCES, COMPLETE IN PLACE	LS	1	\$750.00	\$750.00	\$1,000.00	\$1,000.00	\$1,553.00	\$1,553.00
11.	1" NON-POTABLE WATERLINE PLUG OR CONNECT TO EXISTING 1" NON-POTABLE WATER LINE, COMPLETE IN PLACE	EA	1	\$300.00	\$300.00	\$100.00	\$100.00	\$442.00	\$442.00
12.	6" FORCE MAIN PLUG OR CONNECT TO EXISTING 6" FORCE MAIN, COMPLETE IN PLACE	EA	1	\$800.00	\$800.00	\$500.00	\$500.00	\$709.00	\$709.00
13.	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROP 16" SANITARY SEWER, COMPLETE IN PLACE	LS	1	\$2,100.00	\$2,100.00	\$3,000.00	\$3,000.00	\$2,838.00	\$2,838.00
14.	24 FOOT LONG, 24" RCP DRIVEWAY CULVERT WITH 3:1 SAFETY END TREATMENTS, AS SHOWN ON PLANS, COMPLETE IN PLACE	EA	1	\$1,400.00	\$1,400.00	\$7,500.00	\$7,500.00	\$4,504.00	\$4,504.00
15.	ASPHALT DRIVEWAY WITH 1-1/2" HMAC SURFACE, 6" (MIN) FLEXIBLE SUBGRADE, 6" (MIN) LIME OR CEMENT STABILIZED SUBGRADE AND CONNECTION TO EXISTING PAVEMENT, COMPLETE IN PLACE	SY	69	\$60.00	\$4,140.00	\$100.00	\$6,900.00	\$48.00	\$3,312.00
16.	7" CRUSHED CONCRETE ACCESS ROAD INCLUDING 8" LIME OR CEMENT STABILIZED SUBGRADE, AND GEOFABRIC (MIRAFI 500 OR APPROVED EQUAL), COMPLETE IN PLACE	SY	873	\$38.00	\$33,174.00	\$30.00	\$26,190.00	\$40.00	\$34,920.00
17.	6" CRUSHED CONCRETE SITE COVER WITH GEOFABRIC (MIRAFI 500 OR APPROVED EQUAL), COMPLETE IN PLACE	SY	142	\$28.00	\$3,976.00	\$20.00	\$2,840.00	\$33.50	\$4,757.00
18.	8 FOOT TALL CONCRETE PANEL FENCE, INCLUDING 18' DOUBLE SWING ACCESS GATE AND ALL APPURTENANCES, AS SHOWN ON PLANS, COMPLETE IN PLACE	LF	1,249	\$85.00	\$106,165.00	\$97.00	\$121,153.00	\$125.50	\$156,749.50
19.	TEMPORARY TRAFFIC CONTROL FOR WORK IN BECKENDORFF ROAD R.O.W, COMPLETE IN PLACE	LS	1	\$1,700.00	\$1,700.00	\$5,000.00	\$5,000.00	\$3,210.00	\$3,210.00
20.	8" PIPE BOLLARD, COMPLETE IN PLACE	EA	10	\$500.00	\$5,000.00	\$500.00	\$5,000.00	\$594.30	\$5,943.00

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ITEM	DESCRIPTION	UNIT	QTY	1) HASSELL CONSTRUCTION CO., INC.		2) PRINCIPAL PLANT SERVICES, LLC		3) C4 PARTNERS, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
21.	DRAINAGE SWALE, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	655	\$5.00	\$3,275.00	\$10.00	\$6,550.00	\$8.00	\$5,240.00
22.	NEW 800A SERVICE COMPLETE WITH METERING PER UTILITY STANDARDS, MAIN DISCONNECT AND ASSOCIATED CONDUIT AND CABLE, COMPLETE IN PLACE	LS	1	\$15,000.00	\$15,000.00	\$30,000.00	\$30,000.00	\$24,273.00	\$24,273.00
23.	NEW 500 KW DIESEL GENERATOR AND 800A ATS WITH INITIAL FILL OF FUEL, COMPLETE IN PLACE	LS	1	\$113,000.00	\$113,000.00	\$89,000.00	\$89,000.00	\$116,807.00	\$116,807.00
24.	NEW 800A POWER PANEL, ASSOCIATED BREAKERS AND SURGE PROTECTION, COMPLETE IN PLACE	LS	1	\$40,000.00	\$40,000.00	\$10,000.00	\$10,000.00	\$24,273.00	\$24,273.00
25.	NEW LIFT STATION CONTROL PANEL AND ASSOCIATED CONDUIT AND CABLE, COMPLETE IN PLACE	LS	1	\$17,000.00	\$17,000.00	\$32,000.00	\$32,000.00	\$24,273.00	\$24,273.00
26.	ALL MISCELLANEOUS CONDUIT AND CABLE INCLUDING ALL LIGHTING, OUTLETS, LIGHTING TRANSFORMERS AND LOW VOLTAGE PANEL, COMPLETE IN PLACE	LS	1	\$54,000.00	\$54,000.00	\$50,000.00	\$50,000.00	\$24,273.00	\$24,273.00
27.	ALLOWANCE FOR ESTABLISHING ELECTRICAL SERVICE AS DIRECTED BY CENTER POINT ENERGY, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LS	1	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
<b>SUBTOTAL SANITARY LIFT STATION ITEMS</b>					<b>\$721,608.00</b>		<b>\$787,963.14 *</b>		<b>\$842,822.54 *</b>
<b>MISCELLANEOUS ITEMS</b>									
1.	DEWATERING FOR STRUCTURE, AS REQUIRED BY SOIL CONDITIONS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LS	1	\$16,000.00	\$16,000.00	\$2,000.00	\$2,000.00	\$107.00	\$107.00
2.	DEWATERING OF LINE WORK (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	241	\$40.00	\$9,640.00	\$25.00	\$6,025.00	\$25.00	\$6,025.00
3.	EXTRA CEMENT STABILIZED SAND, (1.5 SACKS OF CEMENT PER CUBIC YARD CEMENT STABILIZED SAND), (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	20	\$38.00	\$760.00	\$25.00	\$500.00	\$12.00	\$240.00
4.	EXTRA 7" CRUSHED CONCRETE ACCESS ROAD WITH 8" LIME OR CEMENT STABILIZED SUBGRADE, AND GEOFABRIC (MIRAFI 500 OR APPROVED EQUAL) (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	SY	10	\$75.00	\$750.00	\$80.00	\$800.00	\$35.00	\$350.00
5.	EXTRA 4,000 PSI CONCRETE WITH REINFORCING STEEL, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	5	\$400.00	\$2,000.00	\$300.00	\$1,500.00	\$300.00	\$1,500.00
6.	HYDROMULCH SEEDING OF PROJECT SITE, AND ALL DISTURBED AREAS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	0.5	\$2,200.00	\$1,100.00	\$2,000.00	\$1,000.00	\$1,500.00	\$750.00
7.	CONTROL OF SURFACE WATER (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LS	1	\$2,000.00	\$2,000.00	\$500.00	\$500.00	\$100.00	\$100.00
8.	EXTRA COST OF UTILITY WET SAND CONSTRUCTION AS PER CITY OF HOUSTON, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	118	\$50.00	\$5,900.00	\$10.00	\$1,180.00	\$25.00	\$2,950.00
9.	STABILIZED CONSTRUCTION EXIT (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00	\$800.00	\$800.00
10.	STORM WATER POLLUTION PREVENTION PLAN, INCLUDING ADMINISTRATION, MAINTENANCE, AND REMOVAL AS REQUIRED BY THE PLANS AND AS DIRECTED BY THE ENGINEER, TO BE MAINTAINED UNTIL CONTRACTORS NOTICE OF TERMINATION IS SUBMITTED, COMPLETE IN PLACE	LS	1	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00	\$500.00	\$500.00
11.	FILTER FABRIC FENCE, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1,086	\$2.00	\$2,172.00	\$2.30	\$2,497.80 *	\$2.50	\$2,715.00

\* MATHEMATICAL ERROR

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ITEM DESCRIPTION	UNIT	QTY	1) HASSELL CONSTRUCTION CO., INC.		2) PRINCIPAL PLANT SERVICES, LLC		3) C4 PARTNERS, LLC		
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
12. INLET PROTECTION BARRIERS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	3	\$75.00	\$225.00	\$500.00	\$1,500.00	\$535.00	\$1,605.00	
<b>SUBTOTAL MISCELLANEOUS ITEMS</b>				<b>\$44,047.00</b>	<b>\$22,502.80 *</b>	<b>\$17,642.00</b>			
<b>ALTERNATE BID NO.1 ITEMS</b>									
1. 8' WOOD FENCE WITH 18' DOUBLE SWING GATE, AND ALL APPURTENANCES, (AS SHOWN ON PLANS AND EXHIBIT A), COMPLETE IN PLACE	LF	1,249	\$55.00	\$68,695.00	\$36.83	\$46,000.67 *	\$40.00	\$49,960.00	
<b>SUBTOTAL ALTERNATE BID NO.1 ITEMS</b>				<b>\$68,695.00</b>	<b>\$46,000.67 *</b>	<b>\$49,960.00</b>			
<b>BID SUMMARY</b>									
SUBTOTAL SANITARY LIFT STATION ITEMS				\$721,606.00	\$787,963.14 *	\$842,822.54 *			
SUBTOTAL MISCELLANEOUS ITEMS				\$44,047.00	\$22,502.80 *	\$17,642.00			
<b>TOTAL AMOUNT BID</b>				<b>\$765,653.00</b>	<b>\$810,465.94 *</b>	<b>\$860,464.54 *</b>			
ALTERNATE BID NO. 1									
TOTAL AMOUNT BID				\$765,653.00	\$810,465.94 *	\$860,464.54 *			
DEDUCT SANITARY LIFT STATION ITEM NO. 18				(\$106,165.00)	(\$121,153.00)	(\$156,749.50) *			
SUBTOTAL ALTERNATE BID NO.1 ITEMS				\$68,695.00	\$46,000.67 *	\$49,960.00			
<b>TOTAL AMOUNT BID INCLUDING ALTERNATE BID NO. 1</b>				<b>\$728,183.00</b>	<b>\$735,313.61 *</b>	<b>\$753,675.04 *</b>			

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ITEM	DESCRIPTION	UNIT	QTY	4) SJ SERVICES, LLC		5) B-5 CONSTRUCTION CO., INC.		6) T & C CONSTRUCTION, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>SANITARY LIFT STATION ITEMS</b>									
1.	SITE WORK, INCLUDING BUT NOT LIMITED TO SITE GRADING, BROADCAST SEEDING, SITE DRAINAGE, COMPLETE IN PLACE	LS	1	\$5,000.00	\$5,000.00	\$10,217.00	\$10,217.00	\$5,000.00	\$5,000.00
2.	10' CONCRETE WET WELL AND VALVE PAD, INCLUDING ACCESS HATCHES, VENT, AND ALL APPURTENANCES WITH DRAWINGS, COMPLETE IN PLACE	LS	1	\$159,560.25	\$159,560.25	\$128,744.00	\$128,744.00	\$290,000.00	\$290,000.00
3.	10 HP SUBMERSIBLE PUMP WITH MINIMUM EFFICIENCY OF 60% AT 584 GPM AND 40.9' T.D.H. WITH TWO PUMPS RUNNING, INCLUDING DISCHARGE ELBOW, GUIDE RAILS, AND ALL APPURTENANCES FOR PROPOSED PUMPS, COMPLETE IN PLACE	EA	3	\$10,000.00	\$30,000.00	\$27,770.00	\$83,310.00	\$15,000.00	\$45,000.00
4.	SANITARY LIFT STATION AND VALVE PAD PIPING, INCLUDING PIPE, VALVES, FITTINGS, SUPPORTS, AND ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$49,000.00	\$49,000.00	\$52,067.00	\$52,067.00	\$60,000.00	\$60,000.00
5.	16" AWWA C905, DR 18, SEWER PIPE, ALL DEPTHS, INCLUDING EXCAVATION, BACKFILL AND BEDDING, COMPLETE IN PLACE	LF	189	\$400.00	\$75,600.00	\$140.00	\$26,460.00	\$300.00	\$56,700.00
6.	6" AWWA C900, FORCE MAIN, DR 18, ALL DEPTHS, INCLUDING FITTINGS, EXCAVATION, BACKFILL AND BEDDING, COMPLETE IN PLACE	LF	52	\$75.00	\$3,900.00	\$94.00	\$4,888.00	\$50.00	\$2,600.00
7.	STANDARD SANITARY MANHOLE ALL DEPTHS, INCLUDES EXCAVATION, BEDDING, BACKFILL, COMPLETE IN PLACE	EA	1	\$5,500.00	\$5,500.00	\$5,523.00	\$5,523.00	\$6,000.00	\$6,000.00
8.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	241	\$10.00	\$2,410.00	\$22.00	\$5,302.00	\$1.00	\$241.00
9.	1" NON-POTABLE WATER LINE, COMPLETE IN PLACE	LF	30	\$10.00	\$300.00	\$33.00	\$990.00	\$30.00	\$900.00
10.	PROVIDE AND INSTALL NON-FREEZE HOSE BIBB, ALL NECESSARY APPURTENANCES, COMPLETE IN PLACE	LS	1	\$1,500.00	\$1,500.00	\$536.00	\$536.00	\$1,000.00	\$1,000.00
11.	1" NON-POTABLE WATERLINE PLUG OR CONNECT TO EXISTING 1" NON-POTABLE WATER LINE, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$580.00	\$580.00	\$1,000.00	\$1,000.00
12.	6" FORCE MAIN PLUG OR CONNECT TO EXISTING 6" FORCE MAIN, COMPLETE IN PLACE	EA	1	\$250.00	\$250.00	\$1,857.00	\$1,857.00	\$200.00	\$200.00
13.	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROP 16" SANITARY SEWER, COMPLETE IN PLACE	LS	1	\$1,000.00	\$1,000.00	\$1,813.00	\$1,813.00	\$500.00	\$500.00
14.	24 FOOT LONG, 24" RCP DRIVEWAY CULVERT WITH 3:1 SAFETY END TREATMENTS, AS SHOWN ON PLANS, COMPLETE IN PLACE	EA	1	\$7,500.00	\$7,500.00	\$6,644.00	\$6,644.00	\$2,000.00	\$2,000.00
15.	ASPHALT DRIVEWAY WITH 1-1/2" HMAC SURFACE, 6" (MIN) FLEXIBLE SUBGRADE, 6" (MIN) LIME OR CEMENT STABILIZED SUBGRADE AND CONNECTION TO EXISTING PAVEMENT, COMPLETE IN PLACE	SY	69	\$100.00	\$6,900.00	\$248.00	\$17,112.00	\$100.00	\$6,900.00
16.	7" CRUSHED CONCRETE ACCESS ROAD INCLUDING 8" LIME OR CEMENT STABILIZED SUBGRADE, AND GEOFABRIC (MIRAFI 500 OR APPROVED EQUAL), COMPLETE IN PLACE	SY	873	\$37.50	\$32,737.50	\$49.00	\$42,777.00	\$50.00	\$43,650.00
17.	6" CRUSHED CONCRETE SITE COVER WITH GEOFABRIC (MIRAFI 500 OR APPROVED EQUAL), COMPLETE IN PLACE	SY	142	\$30.00	\$4,260.00	\$57.00	\$8,094.00	\$40.00	\$5,680.00
18.	8 FOOT TALL CONCRETE PANEL FENCE, INCLUDING 18" DOUBLE SWING ACCESS GATE AND ALL APPURTENANCES, AS SHOWN ON PLANS, COMPLETE IN PLACE	LF	1,249	\$102.00	\$127,398.00	\$109.00	\$136,141.00	\$105.00	\$131,145.00
19.	TEMPORARY TRAFFIC CONTROL FOR WORK IN BECKENDORFF ROAD R.O.W, COMPLETE IN PLACE	LS	1	\$1,500.00	\$1,500.00	\$8,303.00	\$8,303.00	\$1,000.00	\$1,000.00
20.	8" PIPE BOLLARD, COMPLETE IN PLACE	EA	10	\$600.00	\$6,000.00	\$1,432.00	\$14,320.00	\$500.00	\$5,000.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
21.	DRAINAGE SWALE, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	655	\$5.00	\$3,275.00	\$7.00	\$4,585.00	\$3.00	\$1,965.00
22.	NEW 800A SERVICE COMPLETE WITH METERING PER UTILITY STANDARDS, MAIN DISCONNECT AND ASSOCIATED CONDUIT AND CABLE, COMPLETE IN PLACE	LS	1	\$58,000.00	\$58,000.00	\$37,251.00	\$37,251.00	\$5,000.00	\$5,000.00
23.	NEW 500 KW DIESEL GENERATOR AND 800A ATS WITH INITIAL FILL OF FUEL, COMPLETE IN PLACE	LS	1	\$100,000.00	\$100,000.00	\$129,722.00	\$129,722.00	\$110,000.00	\$110,000.00
24.	NEW 800A POWER PANEL, ASSOCIATED BREAKERS AND SURGE PROTECTION, COMPLETE IN PLACE	LS	1	\$38,800.00	\$38,800.00	\$15,366.00	\$15,366.00	\$10,000.00	\$10,000.00
25.	NEW LIFT STATION CONTROL PANEL AND ASSOCIATED CONDUIT AND CABLE, COMPLETE IN PLACE	LS	1	\$60,000.00	\$60,000.00	\$11,250.00	\$11,250.00	\$30,000.00	\$30,000.00
26.	ALL MISCELLANEOUS CONDUIT AND CABLE INCLUDING ALL LIGHTING, OUTLETS, LIGHTING TRANSFORMERS AND LOW VOLTAGE PANEL, COMPLETE IN PLACE	LS	1	\$48,000.00	\$48,000.00	\$54,383.00	\$54,383.00	\$20,000.00	\$20,000.00
27.	ALLOWANCE FOR ESTABLISHING ELECTRICAL SERVICE AS DIRECTED BY CENTER POINT ENERGY, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LS	1	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
<b>SUBTOTAL SANITARY LIFT STATION ITEMS</b>					<b>\$849,890.75 *</b>		<b>\$828,235.00</b>		<b>\$861,481.00</b>
<b>MISCELLANEOUS ITEMS</b>									
1.	DEWATERING FOR STRUCTURE, AS REQUIRED BY SOIL CONDITIONS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LS	1	\$1.00	\$1.00	\$20,000.00	\$20,000.00	\$3,000.00	\$3,000.00
2.	DEWATERING OF LINE WORK (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	241	\$25.00	\$6,025.00	\$25.00	\$6,025.00	\$25.00	\$6,025.00
3.	EXTRA CEMENT STABILIZED SAND, (1.5 SACKS OF CEMENT PER CUBIC YARD CEMENT STABILIZED SAND), (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	20	\$12.00	\$240.00	\$12.00	\$240.00	\$30.00	\$600.00
4.	EXTRA 7" CRUSHED CONCRETE ACCESS ROAD WITH 8" LIME OR CEMENT STABILIZED SUBGRADE, AND GEOFABRIC (MIRAFI 500 OR APPROVED EQUAL) (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	SY	10	\$37.50	\$375.00	\$65.00	\$650.00	\$60.00	\$600.00
5.	EXTRA 4,000 PSI CONCRETE WITH REINFORCING STEEL, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	5	\$300.00	\$1,500.00	\$300.00	\$1,500.00	\$300.00	\$1,500.00
6.	HYDROMULCH SEEDING OF PROJECT SITE, AND ALL DISTURBED AREAS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	0.5	\$1,500.00	\$750.00	\$1,500.00	\$750.00	\$1,500.00	\$750.00
7.	CONTROL OF SURFACE WATER (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LS	1	\$1.00	\$1.00	\$500.00	\$500.00	\$1,000.00	\$1,000.00
8.	EXTRA COST OF UTILITY WET SAND CONSTRUCTION AS PER CITY OF HOUSTON, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	118	\$15.00	\$1,770.00	\$60.00	\$7,080.00	\$20.00	\$2,360.00
9.	STABILIZED CONSTRUCTION EXIT (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$2,500.00	\$2,500.00	\$2,813.00	\$2,813.00	\$1,000.00	\$1,000.00
10.	STORM WATER POLLUTION PREVENTION PLAN, INCLUDING ADMINISTRATION, MAINTENANCE, AND REMOVAL AS REQUIRED BY THE PLANS AND AS DIRECTED BY THE ENGINEER, TO BE MAINTAINED UNTIL CONTRACTORS NOTICE OF TERMINATION IS SUBMITTED, COMPLETE IN PLACE	LS	1	\$1,500.00	\$1,500.00	\$5,513.00	\$5,513.00	\$2,000.00	\$2,000.00
11.	FILTER FABRIC FENCE, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1,086	\$2.00	\$2,172.00	\$4.50	\$4,887.00 *	\$3.00	\$3,258.00

\* MATHEMATICAL ERROR

**BID TABULATION FOR:**

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

CONSTRUCTION OF THE KATY CROSSING LIFT STATION  
 TO SERVE HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495  
 CITY OF HOUSTON, E.T.J.  
 HARRIS COUNTY, TEXAS  
 FEBRUARY 6, 2018  
 LJA ENGINEERING, INC.  
 C. DURHAM  
 FEBRUARY 6, 2018  
 0218-3528 (9.2)

ITEM DESCRIPTION	UNIT	QTY	4) 5J SERVICES, LLC		5) B-5 CONSTRUCTION CO., INC.		6) T & C CONSTRUCTION, LTD.	
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
12. INLET PROTECTION BARRIERS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	3	\$250.00	\$750.00 *	\$735.00	\$2,205.00	\$100.00	\$300.00
<b>SUBTOTAL MISCELLANEOUS ITEMS</b>					<b>\$17,584.00 *</b>		<b>\$52,163.00 *</b>	<b>\$22,393.00</b>
<b>ALTERNATE BID NO.1 ITEMS</b>								
1. 8' WOOD FENCE WITH 18' DOUBLE SWING GATE, AND ALL APPURTENANCES, (AS SHOWN ON PLANS AND EXHIBIT A), COMPLETE IN PLACE	LF	1,249	\$65.00	\$81,185.00	\$41.00	\$51,209.00	\$40.00	\$49,960.00
<b>SUBTOTAL ALTERNATE BID NO.1 ITEMS</b>					<b>\$81,185.00</b>		<b>\$51,209.00</b>	<b>\$49,960.00</b>
<b>BID SUMMARY</b>								
SUBTOTAL SANITARY LIFT STATION ITEMS					\$849,890.75 *		\$828,235.00	\$861,481.00
SUBTOTAL MISCELLANEOUS ITEMS					\$17,584.00 *		\$52,163.00 *	\$22,393.00
<b>TOTAL AMOUNT BID</b>					<b>\$867,474.75 *</b>		<b>\$880,398.00 *</b>	<b>\$883,874.00</b>
ALTERNATE BID NO. 1								
TOTAL AMOUNT BID					\$867,474.75 *		\$880,398.00 *	\$883,874.00
DEDUCT SANITARY LIFT STATION ITEM NO. 18					(\$127,398.00)		(\$136,141.00)	(\$131,145.00)
SUBTOTAL ALTERNATE BID NO.1 ITEMS					\$81,185.00		\$51,209.00	\$49,960.00
<b>TOTAL AMOUNT BID INCLUDING ALTERNATE BID NO. 1</b>					<b>\$821,261.75 *</b>		<b>\$795,466.00 *</b>	<b>\$802,689.00</b>

**BID TABULATION FOR:**

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CONSTRUCTION OF THE KATY CROSSING LIFT STATION  
 TO SERVE HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495  
 CITY OF HOUSTON, E.T.J.  
 HARRIS COUNTY, TEXAS  
 FEBRUARY 6, 2018  
 LJA ENGINEERING, INC.  
 C. DURHAM  
 FEBRUARY 6, 2018  
 0218-3528 (9.2)

7) PELTIER BROTHERS CONSTRUCTION,  
 LTD. BY PB, LLC; ITS GENERAL PARTNER

8) R & B GROUP, INC.

9) DESERT EAGLE, LLC DBA PANORAMA

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>SANITARY LIFT STATION ITEMS</b>									
1.	SITE WORK, INCLUDING BUT NOT LIMITED TO SITE GRADING, BROADCAST SEEDING, SITE DRAINAGE, COMPLETE IN PLACE	LS	1	\$2,000.00	\$2,000.00	\$20,000.00	\$20,000.00	\$2,670.00	\$2,670.00
2.	10' CONCRETE WET WELL AND VALVE PAD, INCLUDING ACCESS HATCHES, VENT, AND ALL APPURTENANCES WITH DRAWINGS, COMPLETE IN PLACE	LS	1	\$399,000.00	\$399,000.00	\$181,055.00	\$181,055.00	\$324,000.00	\$324,000.00
3.	10 HP SUBMERSIBLE PUMP WITH MINIMUM EFFICIENCY OF 60% AT 584 GPM AND 40.9' T.D.H. WITH TWO PUMPS RUNNING, INCLUDING DISCHARGE ELBOW, GUIDE RAILS, AND ALL APPURTENANCES FOR PROPOSED PUMPS, COMPLETE IN PLACE	EA	3	\$10,000.00	\$30,000.00	\$34,000.00	\$102,000.00	\$23,064.00	\$69,192.00
4.	SANITARY LIFT STATION AND VALVE PAD PIPING, INCLUDING PIPE, VALVES, FITTINGS, SUPPORTS, AND ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$25,163.00	\$25,163.00	\$44,000.00	\$44,000.00	\$38,000.00	\$38,000.00
5.	16" AWWA C905, DR 18, SEWER PIPE, ALL DEPTHS, INCLUDING EXCAVATION, BACKFILL AND BEDDING, COMPLETE IN PLACE	LF	189	\$83.00	\$15,687.00	\$457.00	\$86,373.00	\$139.00	\$26,271.00
6.	6" AWWA C900, FORCE MAIN, DR 18, ALL DEPTHS, INCLUDING FITTINGS, EXCAVATION, BACKFILL AND BEDDING, COMPLETE IN PLACE	LF	52	\$50.00	\$2,600.00	\$25.00	\$1,300.00	\$80.00	\$4,160.00
7.	STANDARD SANITARY MANHOLE ALL DEPTHS, INCLUDES EXCAVATION, BEDDING, BACKFILL, COMPLETE IN PLACE	EA	1	\$8,500.00	\$8,500.00	\$10,000.00	\$10,000.00	\$8,494.00	\$8,494.00
8.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	241	\$1.00	\$241.00	\$1.00	\$241.00	\$1.00	\$241.00
9.	1" NON-POTABLE WATER LINE, COMPLETE IN PLACE	LF	30	\$5.00	\$150.00	\$10.00	\$300.00	\$10.00	\$300.00
10.	PROVIDE AND INSTALL NON-FREEZE HOSE BIBB, ALL NECESSARY APPURTENANCES, COMPLETE IN PLACE	LS	1	\$800.00	\$800.00	\$500.00	\$500.00	\$700.00	\$700.00
11.	1" NON-POTABLE WATERLINE PLUG OR CONNECT TO EXISTING 1" NON-POTABLE WATER LINE, COMPLETE IN PLACE	EA	1	\$50.00	\$50.00	\$100.00	\$100.00	\$50.00	\$50.00
12.	6" FORCE MAIN PLUG OR CONNECT TO EXISTING 6" FORCE MAIN, COMPLETE IN PLACE	EA	1	\$50.00	\$50.00	\$100.00	\$100.00	\$250.00	\$250.00
13.	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROP 16" SANITARY SEWER, COMPLETE IN PLACE	LS	1	\$2,000.00	\$2,000.00	\$500.00	\$500.00	\$1,200.00	\$1,200.00
14.	24 FOOT LONG, 24" RCP DRIVEWAY CULVERT WITH 3:1 SAFETY END TREATMENTS, AS SHOWN ON PLANS, COMPLETE IN PLACE	EA	1	\$11,880.00	\$11,880.00	\$2,000.00	\$2,000.00	\$4,342.00	\$4,342.00
15.	ASPHALT DRIVEWAY WITH 1-1/2" HMAC SURFACE, 6" (MIN) FLEXIBLE SUBGRADE, 6" (MIN) LIME OR CEMENT STABILIZED SUBGRADE AND CONNECTION TO EXISTING PAVEMENT, COMPLETE IN PLACE	SY	69	\$132.00	\$9,108.00	\$50.00	\$3,450.00	\$100.00	\$6,900.00
16.	7" CRUSHED CONCRETE ACCESS ROAD INCLUDING 8" LIME OR CEMENT STABILIZED SUBGRADE, AND GEOFABRIC (MIRAFI 500 OR APPROVED EQUAL), COMPLETE IN PLACE	SY	873	\$39.00	\$34,047.00	\$40.00	\$34,920.00	\$30.00	\$26,190.00
17.	6" CRUSHED CONCRETE SITE COVER WITH GEOFABRIC (MIRAFI 500 OR APPROVED EQUAL), COMPLETE IN PLACE	SY	142	\$22.00	\$3,124.00	\$38.00	\$5,396.00	\$18.00	\$2,556.00
18.	8 FOOT TALL CONCRETE PANEL FENCE, INCLUDING 18' DOUBLE SWING ACCESS GATE AND ALL APPURTENANCES, AS SHOWN ON PLANS, COMPLETE IN PLACE	LF	1,249	\$107.00	\$133,643.00	\$107.00	\$133,643.00	\$97.50	\$121,777.50
19.	TEMPORARY TRAFFIC CONTROL FOR WORK IN BECKENDORFF ROAD R.O.W, COMPLETE IN PLACE	LS	1	\$1,100.00	\$1,100.00	\$1,000.00	\$1,000.00	\$1,050.00	\$1,050.00
20.	8" PIPE BOLLARD, COMPLETE IN PLACE	EA	10	\$100.00	\$1,000.00	\$200.00	\$2,000.00	\$356.00	\$3,560.00



**BID TABULATION FOR:**

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**TABULATION DATE:**  
**LJA JOB NO.**

CONSTRUCTION OF THE KATY CROSSING LIFT STATION  
 TO SERVE HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495  
 CITY OF HOUSTON, E.T.J.  
 HARRIS COUNTY, TEXAS  
 FEBRUARY 6, 2018  
 LJA ENGINEERING, INC.  
 C. DURHAM  
 FEBRUARY 6, 2018  
 0218-3528 (9.2)

7) PELTIER BROTHERS CONSTRUCTION,  
 LTD. BY PB, LLC; ITS GENERAL PARTNER

8) R & B GROUP, INC.

9) DESERT EAGLE, LLC DBA PANORAMA

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
21.	DRAINAGE SWALE, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	655	\$6.00	\$3,930.00	\$7.00	\$4,585.00	\$5.00	\$3,275.00
22.	NEW 800A SERVICE COMPLETE WITH METERING PER UTILITY STANDARDS, MAIN DISCONNECT AND ASSOCIATED CONDUIT AND CABLE, COMPLETE IN PLACE	LS	1	\$33,000.00	\$33,000.00	\$6,000.00	\$6,000.00	\$8,550.00	\$8,550.00
23.	NEW 500 KW DIESEL GENERATOR AND 800A ATS WITH INITIAL FILL OF FUEL, COMPLETE IN PLACE	LS	1	\$90,000.00	\$90,000.00	\$116,000.00	\$116,000.00	\$117,200.00	\$117,200.00
24.	NEW 800A POWER PANEL, ASSOCIATED BREAKERS AND SURGE PROTECTION, COMPLETE IN PLACE	LS	1	\$22,800.00	\$22,800.00	\$35,000.00	\$35,000.00	\$35,950.00	\$35,950.00
25.	NEW LIFT STATION CONTROL PANEL AND ASSOCIATED CONDUIT AND CABLE, COMPLETE IN PLACE	LS	1	\$21,780.00	\$21,780.00	\$14,000.00	\$14,000.00	\$20,500.00	\$20,500.00
26.	ALL MISCELLANEOUS CONDUIT AND CABLE INCLUDING ALL LIGHTING, OUTLETS, LIGHTING TRANSFORMERS AND LOW VOLTAGE PANEL, COMPLETE IN PLACE	LS	1	\$31,428.00	\$31,428.00	\$90,000.00	\$90,000.00	\$94,500.00	\$94,500.00
27.	ALLOWANCE FOR ESTABLISHING ELECTRICAL SERVICE AS DIRECTED BY CENTER POINT ENERGY, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LS	1	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
<b>SUBTOTAL SANITARY LIFT STATION ITEMS</b>					<b>\$903,081.00</b>		<b>\$914,463.00</b>		<b>\$941,878.50</b>
<b>MISCELLANEOUS ITEMS</b>									
1.	DEWATERING FOR STRUCTURE, AS REQUIRED BY SOIL CONDITIONS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LS	1	\$1.00	\$1.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
2.	DEWATERING OF LINE WORK (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	241	\$25.00	\$6,025.00	\$25.00	\$6,025.00	\$25.00	\$6,025.00
3.	EXTRA CEMENT STABILIZED SAND, (1.5 SACKS OF CEMENT PER CUBIC YARD CEMENT STABILIZED SAND), (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	20	\$12.00	\$240.00	\$12.00	\$240.00	\$25.00	\$500.00
4.	EXTRA 7" CRUSHED CONCRETE ACCESS ROAD WITH 8" LIME OR CEMENT STABILIZED SUBGRADE, AND GEOFABRIC (MIRAFI 500 OR APPROVED EQUAL) (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	SY	10	\$35.00	\$350.00	\$100.00	\$1,000.00	\$35.00	\$350.00
5.	EXTRA 4,000 PSI CONCRETE WITH REINFORCING STEEL, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	5	\$300.00	\$1,500.00	\$300.00	\$1,500.00	\$300.00	\$1,500.00
6.	HYDROMULCH SEEDING OF PROJECT SITE, AND ALL DISTURBED AREAS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	0.5	\$1,500.00	\$750.00	\$3,000.00	\$1,500.00	\$3,500.00	\$1,750.00
7.	CONTROL OF SURFACE WATER (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LS	1	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
8.	EXTRA COST OF UTILITY WET SAND CONSTRUCTION AS PER CITY OF HOUSTON, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	118	\$1.00	\$118.00	\$100.00	\$11,800.00	\$25.00	\$2,950.00
9.	STABILIZED CONSTRUCTION EXIT (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$550.00	\$550.00	\$1,000.00	\$1,000.00	\$1,750.00	\$1,750.00
10.	STORM WATER POLLUTION PREVENTION PLAN, INCLUDING ADMINISTRATION, MAINTENANCE, AND REMOVAL AS REQUIRED BY THE PLANS AND AS DIRECTED BY THE ENGINEER, TO BE MAINTAINED UNTIL CONTRACTORS NOTICE OF TERMINATION IS SUBMITTED, COMPLETE IN PLACE	LS	1	\$2,750.00	\$2,750.00	\$1,000.00	\$1,000.00	\$1,450.00	\$1,450.00
11.	FILTER FABRIC FENCE, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1,086	\$2.00	\$2,172.00	\$2.00	\$2,172.00	\$1.25	\$1,357.50

\* MATHEMATICAL ERROR

**BID TABULATION FOR:**

CONSTRUCTION OF THE KATY CROSSING LIFT STATION  
 TO SERVE HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495  
 CITY OF HOUSTON, E.T.J.  
 HARRIS COUNTY, TEXAS  
 FEBRUARY 6, 2018  
 LJA ENGINEERING, INC.  
 C. DURHAM  
 FEBRUARY 6, 2018  
 0218-3528 (9.2)

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

7) PELTIER BROTHERS CONSTRUCTION,  
 LTD. BY PB, LLC; ITS GENERAL PARTNER  
 B) R & B GROUP, INC. 9) DESERT EAGLE, LLC DBA PANORAMA

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
12.	INLET PROTECTION BARRIERS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	3	\$100.00	\$300.00	\$100.00	\$300.00	\$75.00	\$225.00
<b>SUBTOTAL MISCELLANEOUS ITEMS</b>					<b>\$15,256.00</b>		<b>\$28,537.00</b>		<b>\$19,857.50</b>
<b>ALTERNATE BID NO.1 ITEMS</b>									
1.	8' WOOD FENCE WITH 18' DOUBLE SWING GATE, AND ALL APPURTENANCES, (AS SHOWN ON PLANS AND EXHIBIT A), COMPLETE IN PLACE	LF	1,249	\$55.00	\$68,695.00 *	\$55.00	\$68,695.00	\$36.50	\$45,588.50
<b>SUBTOTAL ALTERNATE BID NO.1 ITEMS</b>					<b>\$68,695.00</b>		<b>\$68,695.00</b>		<b>\$45,588.50</b>
<b>BID SUMMARY</b>									
SUBTOTAL SANITARY LIFT STATION ITEMS					\$903,081.00 *		\$914,463.00 *		\$941,878.50
SUBTOTAL MISCELLANEOUS ITEMS					\$15,256.00		\$28,537.00		\$19,857.50
<b>TOTAL AMOUNT BID</b>					<b>\$918,337.00 *</b>		<b>\$943,000.00 *</b>		<b>\$961,736.00</b>
ALTERNATE BID NO. 1									
TOTAL AMOUNT BID					\$918,337.00 *		\$943,000.00 *		\$961,736.00
DEDUCT SANITARY LIFT STATION ITEM NO. 18					(\$133,643.00)		(\$133,643.00)		(\$121,777.50)
SUBTOTAL ALTERNATE BID NO.1 ITEMS					\$68,695.00		\$68,695.00		\$45,588.50
<b>TOTAL AMOUNT BID INCLUDING ALTERNATE BID NO. 1</b>					<b>\$853,389.00 *</b>		<b>\$878,052.00 *</b>		<b>\$885,547.00</b>

**BID TABULATION FOR:**

CONSTRUCTION OF THE KATY CROSSING LIFT STATION  
 TO SERVE HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495  
 CITY OF HOUSTON, E.T.J.  
 HARRIS COUNTY, TEXAS  
 FEBRUARY 6, 2018  
 LJA ENGINEERING, INC.  
 C. DURHAM  
 FEBRUARY 6, 2018  
 0218-3528 (9.2)

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

10) R J CONSTRUCTION COMPANY, INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
<b>SANITARY LIFT STATION ITEMS</b>					
1.	SITE WORK, INCLUDING BUT NOT LIMITED TO SITE GRADING, BROADCAST SEEDING, SITE DRAINAGE, COMPLETE IN PLACE	LS	1	\$6,000.00	\$6,000.00
2.	10' CONCRETE WET WELL AND VALVE PAD, INCLUDING ACCESS HATCHES, VENT, AND ALL APPURTENANCES WITH DRAWINGS, COMPLETE IN PLACE	LS	1	\$518,835.00	\$518,835.00
3.	10 HP SUBMERSIBLE PUMP WITH MINIMUM EFFICIENCY OF 60% AT 584 GPM AND 40.9' T.D.H. WITH TWO PUMPS RUNNING, INCLUDING DISCHARGE ELBOW, GUIDE RAILS, AND ALL APPURTENANCES FOR PROPOSED PUMPS, COMPLETE IN PLACE	EA	3	\$26,000.00	\$78,000.00
4.	SANITARY LIFT STATION AND VALVE PAD PIPING, INCLUDING PIPE, VALVES, FITTINGS, SUPPORTS, AND ALL APPURTENANCES, COMPLETE IN PLACE	LS	1	\$40,000.00	\$40,000.00
5.	16" AWWA C905, DR 18, SEWER PIPE, ALL DEPTHS, INCLUDING EXCAVATION, BACKFILL AND BEDDING, COMPLETE IN PLACE	LF	189	\$410.00	\$77,490.00
6.	6" AWWA C900, FORCE MAIN, DR 18, ALL DEPTHS, INCLUDING FITTINGS, EXCAVATION, BACKFILL AND BEDDING, COMPLETE IN PLACE	LF	52	\$70.00	\$3,640.00
7.	STANDARD SANITARY MANHOLE ALL DEPTHS, INCLUDES EXCAVATION, BEDDING, BACKFILL, COMPLETE IN PLACE	EA	1	\$6,000.00	\$6,000.00
8.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	241	\$10.00	\$2,410.00
9.	1" NON-POTABLE WATER LINE, COMPLETE IN PLACE	LF	30	\$75.00	\$2,250.00
10.	PROVIDE AND INSTALL NON-FREEZE HOSE BIBB, ALL NECESSARY APPURTENANCES, COMPLETE IN PLACE	LS	1	\$800.00	\$800.00
11.	1" NON-POTABLE WATERLINE PLUG OR CONNECT TO EXISTING 1" NON-POTABLE WATER LINE, COMPLETE IN PLACE	EA	1	\$100.00	\$100.00
12.	6" FORCE MAIN PLUG OR CONNECT TO EXISTING 6" FORCE MAIN, COMPLETE IN PLACE	EA	1	\$300.00	\$300.00
13.	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROP 16" SANITARY SEWER, COMPLETE IN PLACE	LS	1	\$5,500.00	\$5,500.00
14.	24 FOOT LONG, 24" RCP DRIVEWAY CULVERT WITH 3:1 SAFETY END TREATMENTS, AS SHOWN ON PLANS, COMPLETE IN PLACE	EA	1	\$4,500.00	\$4,500.00
15.	ASPHALT DRIVEWAY WITH 1-1/2" HMAC SURFACE, 6" (MIN) FLEXIBLE SUBGRADE, 6" (MIN) LIME OR CEMENT STABILIZED SUBGRADE AND CONNECTION TO EXISTING PAVEMENT, COMPLETE IN PLACE	SY	69	\$70.00	\$4,830.00
16.	7" CRUSHED CONCRETE ACCESS ROAD INCLUDING 8" LIME OR CEMENT STABILIZED SUBGRADE, AND GEOFABRIC (MIRAFI 500 OR APPROVED EQUAL), COMPLETE IN PLACE	SY	873	\$55.00	\$48,015.00
17.	6" CRUSHED CONCRETE SITE COVER WITH GEOFABRIC (MIRAFI 500 OR APPROVED EQUAL), COMPLETE IN PLACE	SY	142	\$100.00	\$14,200.00
18.	8 FOOT TALL CONCRETE PANEL FENCE, INCLUDING 18" DOUBLE SWING ACCESS GATE AND ALL APPURTENANCES, AS SHOWN ON PLANS, COMPLETE IN PLACE	LF	1,249	\$110.00	\$137,390.00
19.	TEMPORARY TRAFFIC CONTROL FOR WORK IN BECKENDORFF ROAD R.O.W, COMPLETE IN PLACE	LS	1	\$5,000.00	\$5,000.00
20.	8" PIPE BOLLARD, COMPLETE IN PLACE	EA	10	\$800.00	\$8,000.00

**BID TABULATION FOR:**

CONSTRUCTION OF THE KATY CROSSING LIFT STATION  
 TO SERVE HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 495  
 CITY OF HOUSTON, E.T.J.  
 HARRIS COUNTY, TEXAS  
 FEBRUARY 6, 2018  
 LJA ENGINEERING, INC.  
 C. DURHAM  
 FEBRUARY 6, 2018  
 0218-3528 (9.2)

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

10) R J CONSTRUCTION COMPANY, INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
21.	DRAINAGE SWALE, (AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	655	\$5.00	\$3,275.00
22.	NEW 800A SERVICE COMPLETE WITH METERING PER UTILITY STANDARDS, MAIN DISCONNECT AND ASSOCIATED CONDUIT AND CABLE, COMPLETE IN PLACE	LS	1	\$25,000.00	\$25,000.00
23.	NEW 500 KW DIESEL GENERATOR AND 800A ATS WITH INITIAL FILL OF FUEL, COMPLETE IN PLACE	LS	1	\$11,000.00	\$11,000.00
24.	NEW 800A POWER PANEL, ASSOCIATED BREAKERS AND SURGE PROTECTION, COMPLETE IN PLACE	LS	1	\$15,000.00	\$15,000.00
25.	NEW LIFT STATION CONTROL PANEL AND ASSOCIATED CONDUIT AND CABLE, COMPLETE IN PLACE	LS	1	\$12,000.00	\$12,000.00
26.	ALL MISCELLANEOUS CONDUIT AND CABLE INCLUDING ALL LIGHTING, OUTLETS, LIGHTING TRANSFORMERS AND LOW VOLTAGE PANEL, COMPLETE IN PLACE	LS	1	\$90,000.00	\$90,000.00
27.	ALLOWANCE FOR ESTABLISHING ELECTRICAL SERVICE AS DIRECTED BY CENTER POINT ENERGY, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LS	1	\$20,000.00	\$20,000.00
<b>SUBTOTAL SANITARY LIFT STATION ITEMS</b>					<b>\$1,139,535.00</b>
<b>MISCELLANEOUS ITEMS</b>					
1.	DEWATERING FOR STRUCTURE, AS REQUIRED BY SOIL CONDITIONS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LS	1	\$30,000.00	\$30,000.00
2.	DEWATERING OF LINE WORK (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	241	\$25.00	\$6,025.00
3.	EXTRA CEMENT STABILIZED SAND, (1.5 SACKS OF CEMENT PER CUBIC YARD CEMENT STABILIZED SAND), (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	20	\$30.00	\$600.00
4.	EXTRA 7" CRUSHED CONCRETE ACCESS ROAD WITH 8" LIME OR CEMENT STABILIZED SUBGRADE, AND GEOFABRIC (MIRAFI 500 OR APPROVED EQUAL) (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	SY	10	\$100.00	\$1,000.00
5.	EXTRA 4,000 PSI CONCRETE WITH REINFORCING STEEL, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	5	\$400.00	\$2,000.00
6.	HYDROMULCH SEEDING OF PROJECT SITE, AND ALL DISTURBED AREAS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	0.5	\$3,000.00	\$1,500.00
7.	CONTROL OF SURFACE WATER (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LS	1	\$1,000.00	\$1,000.00
8.	EXTRA COST OF UTILITY WET SAND CONSTRUCTION AS PER CITY OF HOUSTON, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	118	\$50.00	\$5,900.00
9.	STABILIZED CONSTRUCTION EXIT (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$3,500.00	\$3,500.00
10.	STORM WATER POLLUTION PREVENTION PLAN, INCLUDING ADMINISTRATION, MAINTENANCE, AND REMOVAL AS REQUIRED BY THE PLANS AND AS DIRECTED BY THE ENGINEER, TO BE MAINTAINED UNTIL CONTRACTORS NOTICE OF TERMINATION IS SUBMITTED, COMPLETE IN PLACE	LS	1	\$2,000.00	\$2,000.00
11.	FILTER FABRIC FENCE, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	1,086	\$5.00	\$5,430.00 *

\* MATHEMATICAL ERROR

**BID TABULATION FOR:**

**BID OPENING DATE:**  
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CONSTRUCTION OF THE KATY CROSSING LIFT STATION  
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CITY OF HOUSTON, E.T.J.  
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10) R J CONSTRUCTION COMPANY, INC.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
12.	INLET PROTECTION BARRIERS, (TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	3	\$500.00	\$1,500.00
<b>SUBTOTAL MISCELLANEOUS ITEMS</b>					<b>\$60,455.00</b>
<b>ALTERNATE BID NO.1 ITEMS</b>					
1.	8' WOOD FENCE WITH 18' DOUBLE SWING GATE, AND ALL APPURTENANCES, (AS SHOWN ON PLANS AND EXHIBIT A), COMPLETE IN PLACE	LF	1,249	\$40.00	\$49,960.00
<b>SUBTOTAL ALTERNATE BID NO.1 ITEMS</b>					<b>\$49,960.00</b>
<b>BID SUMMARY</b>					
SUBTOTAL SANITARY LIFT STATION ITEMS					\$1,139,535.00
SUBTOTAL MISCELLANEOUS ITEMS					\$60,455.00
<b>TOTAL AMOUNT BID</b>					<b>\$1,199,990.00</b>
ALTERNATE BID NO. 1					
TOTAL AMOUNT BID					\$1,199,990.00
DEDUCT SANITARY LIFT STATION ITEM NO. 18					(\$137,390.00)
SUBTOTAL ALTERNATE BID NO.1 ITEMS					\$49,960.00
<b>TOTAL AMOUNT BID INCLUDING ALTERNATE BID NO. 1</b>					<b>\$1,112,560.00</b>