

BID TABULATION FOR:

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

CONSTRUCTION OF THE TAVOLA WASTEWATER TREATMENT PLANT NO. 2 - PHASE 1 (0.165 MGD)
AND LIFT STATION NO. 2 - PHASE 1
EAST MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 5
CITY OF HOUSTON, E.T.J., MONTGOMERY COUNTY, TEXAS
NOVEMBER 30, 2021
LJA ENGINEERING, INC.
A. CAROTHERS
DECEMBER 1, 2021
6967-1015 (9.2)

BIDDER'S NAME	TOTAL BID AMOUNT
1) 5J SERVICES	\$1,836,115.00
2) R & B GROUP, INC.	\$2,153,400.00
3) UNITAS CONSTRUCTION, INC.	\$2,470,042.00

CALENDAR DAYS - 210/240



Ashley Broughton 12/13/21

I, Ashley Broughton, PE, hereby certify these bid tabulations to be true and correct.

BID TABULATION FOR:

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

CONSTRUCTION OF THE TAVOLA WASTEWATER TREATMENT PLANT NO. 2 - PHASE 1 (0.165 MGD)
 EAST MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 5
 CITY OF HOUSTON, E.T.J., MONTGOMERY COUNTY, TEXAS
 NOVEMBER 30, 2021
 LJA ENGINEERING, INC.
 A.CAROTHERS
 DECEMBER 1, 2021
 6967-1015 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) SJ SERVICES		2) R & B GROUP, INC.		3) UNITAS CONSTRUCTION, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
LIFT STATION NO. 1 ITEMS									
1.	10' CONCRETE WET WELL AND VALVE PAD INCLUDING ACCESS HATCHED, VENT AND ALL APPURTENANCES WITH DRAWINGS, COMPLETE IN PLACE	LS	1	\$325,000.00	\$325,000.00	\$323,000.00	\$323,000.00	\$850,000.00	\$850,000.00
2.	7.5 HP SUBMERSIBLE PUMPS INCLUDING VFD WITH MINIMUM EFFICIENCY OF 62% AT 458 GPM AND 46 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	\$15,000.00	\$45,000.00	\$35,000.00	\$105,000.00
3.	SANITARY LIFT STATION AND VALVE PAD PIPING, INCLUDING PIPE, VALVES, FITTINGS, SUPPORTS AND ALL APPURTENANCE, COMPLETE IN PLACE	LS	1	\$50,000.00	\$50,000.00	\$85,000.00	\$85,000.00	\$160,000.00	\$160,000.00
4.	15" PVC ASTM-D3034 SDR 26 SEWER PIPE, ALL DEPTHS, INCLUDING EXCAVATION, BACKFILL AND BEDDING, COMPLETE IN PLACE	LF	67	\$850.00	\$56,950.00	\$600.00	\$40,200.00	\$142.00	\$9,514.00
5.	1" SCHEDULE 40 P.V.C. WATER LINE, COMPLETE IN PLACE	LF	61	\$10.00	\$610.00	\$50.00	\$3,050.00	\$20.00	\$1,220.00
6.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LS	1	\$1,000.00	\$1,000.00	\$100.00	\$100.00	\$2,000.00	\$2,000.00
7.	4" SANITARY SEWER MANHOLE ALL DEPTHS, INCLUDING, EXCAVATION, BEDDING, AND BACKFILL, COMPLETE IN PLACE	EA	1	\$7,000.00	\$7,000.00	\$12,000.00	\$12,000.00	\$10,000.00	\$10,000.00
8.	8" AWWA C-900, DR18, FORCE MAIN, ALL DEPTHS, INCLUDING FITTINGS, EXCAVATION, BACKFILL AND BEDDING AND CONNECTION TO HEADWORKS, COMPLETE IN PLACE	LF	188	\$125.00	\$23,500.00	\$100.00	\$18,800.00	\$50.00	\$9,400.00
9.	CONNECT PROPOSED 15" SANITARY SEWER TO 15" SANITARY SEWER (BY OTHERS) OR STUB OUT, AND PLUG, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$3,000.00	\$3,000.00	\$500.00	\$500.00
					\$495,560.00		\$530,150.00		\$1,147,634.00
LIFT STATION NO. 1 ITEMS									
WASTEWATER TREATMENT PLANT ITEM									
1.	SITE WORK INCLUDING BUT NOT LIMITED TO SITE GRADING AND HYDROMULCH SEEDING FOR SITE, DRAINAGE, TRENCH SAFETY, AND ALL OTHER REQUIRED APPURTENANCES AS SHOWN ON PLANS, COMPLETE IN PLACE	LS	1	\$15,000.00	\$15,000.00	\$45,000.00	\$45,000.00	\$300,000.00	\$300,000.00
2.	WASTEWATER TREATMENT EQUIPMENT FOUNDATION INCLUDING CRUSHED STONE BASE, STAIR LANDING, AND ALL REQUIRED APPURTENANCES, AS SHOWN ON PLANS, COMPLETE IN PLACE	LS	1	\$150,000.00	\$150,000.00	\$120,000.00	\$120,000.00	\$100,000.00	\$100,000.00
3.	INSTALLATION OF LEASED EQUIPMENT, INCLUDING ALL APPURTENANCES AS DESCRIBED IN EQUIPMENT PROVIDERS SCOPE OF SERVICES, COMPLETE IN PLACE	LS	1	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00
4.	COORDINATION WITH EQUIPMENT PROVIDERS FOR INSTALLATION OF LEASED EQUIPMENT AND ALL ITEMS NOT PROVIDED BY EQUIPMENT PROVIDERS AS DESCRIBED IN EQUIPMENT PROVIDERS SCOPE OF SERVICES AND NOT COVERED IN SEPARATE BID ITEM FOR COMPLETE AND OPERATIONAL WWTP, COMPLETE IN PLACE	LS	1	\$125,000.00	\$125,000.00	\$357,000.00	\$357,000.00	\$10,000.00	\$10,000.00
5.	8" CRUSHED CONCRETE DRIVEWAY WITH 8" LIME OR CEMENT STABILIZED SUBGRADE AND GEOFABRIC (MIRAFI 500 OR APPROVED EQUAL), AS SHOWN ON PLANS, COMPLETE IN PLACE	SY	3,426	\$45.00	\$154,170.00	\$50.00	\$171,300.00	\$45.00	\$154,170.00
6.	8" PIPE BOLLARD, COMPLETE IN PLACE	EA	15	\$800.00	\$12,000.00	\$400.00	\$6,000.00	\$350.00	\$5,250.00
7.	12" HDPE STORM SEWER PIPE, ALL DEPTHS, INCLUDING EXCAVATION, BACKFILL AND BEDDING, COMPLETE IN PLACE	LF	151	\$125.00	\$18,875.00	\$80.00	\$12,080.00	\$50.00	\$7,550.00
8.	TYPE "E" INLET OPEN ALL SIDES, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$3,750.00	\$7,500.00	\$3,500.00	\$7,000.00	\$4,000.00	\$8,000.00
9.	DRAINAGE SWALE, AS SHOWN ON PLANS, COMPLETE IN PLACE	LF	223	\$10.00	\$2,230.00	\$20.00	\$4,460.00	\$10.00	\$2,230.00
10.	CONCRETE DUMPSTER PAD WITH SUMP PUMP AND PVC LINE TO AERATON BASIN, INCLUDING APPURTENANCES, COMPLETE IN PLACE	LS	1	\$5,000.00	\$5,000.00	\$20,000.00	\$20,000.00	\$6,000.00	\$6,000.00

BID TABULATION FOR:

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

CONSTRUCTION OF THE TAVOLA WASTEWATER TREATMENT PLANT NO. 2 - PHASE 1 (0.165 MGD)
 EAST MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 5
 CITY OF HOUSTON, E.T.J., MONTGOMERY COUNTY, TEXAS
 NOVEMBER 30, 2021
 LJA ENGINEERING, INC.
 A. CAROTHERS
 DECEMBER 1, 2021
 6967-1015 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) SJ SERVICES		2) R & B GROUP, INC.		3) UNITAS CONSTRUCTION, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
11.	NON-POTABLE WATER BOOSTER PUMP SYSTEM INCLUDING 2X5 HP PUMPS PRESSURE TANK CONCRETE PAD, HOSEBIBB WYE STRAINER, PLUG VALVES, ELECTRICAL CONTROLS AND CONNECTION ALL PIPING AND APPURTENANCES AS SHOWN ON PLANS, COMPLETE IN PLACE	LS	1	\$85,000.00	\$85,000.00	\$90,000.00	\$90,000.00	\$60,000.00	\$60,000.00
12.	2" SCH. 40 PVC CHEMICAL FEED LINE TO AND FROM CHLORINATION FEED SYSTEM, COMPLETE IN PLACE	LF	50	\$20.00	\$1,000.00	\$100.00	\$5,000.00	\$30.00	\$1,500.00
13.	REINFORCED CONCRETE FOUNDATION FOR CHLORINE BUILDING, INCLUDING ALL APPURTENANCES, INCLUDING FIBERGLASS BUILDING, COMPLETE IN PLACE	LS	1	\$7,500.00	\$7,500.00	\$15,000.00	\$15,000.00	\$6,000.00	\$6,000.00
14.	6' TALL CHAINLINK FENCE WITH 3 - STRANDS BARBED WIRE, 2-22 FOOT DOUBLE SWING GATES, AND ALL APPURTENANCES, AS SHOWN ON PLANS, COMPLETE IN PLACE	LF	892	\$50.00	\$44,600.00	\$40.00	\$35,680.00	\$50.00	\$44,600.00
15.	4' TYPE C MANHOLE, INCLUDES EXCAVATION, BEDDING, BACKFILL, COMPLETE IN PLACE	EA	1	\$6,000.00	\$6,000.00	\$5,000.00	\$5,000.00	\$6,500.00	\$6,500.00
16.	18" THICK CONCRETE RIP RAP, INCLUDES GEOTILE FABRIC, COMPLETE IN PLACE	SY	610	\$45.00	\$27,450.00	\$100.00	\$61,000.00	\$80.00	\$48,800.00
17.	OUTFALL DITCH, COMPLETE IN PLACE	LF	290	\$100.00	\$29,000.00	\$100.00	\$29,000.00	\$60.00	\$17,400.00
18.	RESHAPE HIGH BANK AND SIDE SLOPES (BY OTHERS) TO ORIGINAL OR BETTER CONDITION TO ENSURE PROPER DRAINAGE, COMPLETE IN PLACE	LF	290	\$10.00	\$2,900.00	\$10.00	\$2,900.00	\$15.00	\$4,350.00
19.	NEW 600A 480V ELECTRICAL SERVICE WITH ALL DISCONNECTS, METERING, RACK, CONDUIT, AND CABLE, COMPLETE IN PLACE	LS	1	\$50,000.00	\$50,000.00	\$20,000.00	\$20,000.00	\$50,000.00	\$50,000.00
20.	NEW 300KW DIESEL GENERATOR WITH SUBBASE FUEL TANK, CONCRETE PAD, 600A ATS AND ALL ASSOCIATED CONDUIT AND CABLE, COMPLETE IN PLACE	LS	1	\$135,000.00	\$135,000.00	\$185,000.00	\$185,000.00	\$110,000.00	\$110,000.00
21.	NEW 600A 480V DISTRIBUTOR PANEL WITH ALL ASSOCIATED 480V FEEDERS, BREAKERS, CONDUIT AND CABLE, LIGHTING PANEL AND TRANSFORMERS, INCLUDING ALL LIGHTING AND OUTLETS, COMPLETE IN PLACE	LS	1	\$270,000.00	\$270,000.00	\$242,000.00	\$242,000.00	\$180,000.00	\$180,000.00
22.	AUTOMATIC CHLORINATION SYSTEM INCLUDING TWP PROPORTIONAL FLOW CONTROL CHLORINATOR ASSEMBLIES WITH MANIFOLDED TANKS, CL2 FEED LINE AND WATER SUPPLY LIVE AND ALL APPURTENANCES, (AS SHOWN ON PLANS) COMPLETE IN PLACE	LS	1	\$65,000.00	\$65,000.00	\$50,000.00	\$50,000.00	\$70,000.00	\$70,000.00
23.	CONSTRUCTION OF CHANNEL CONTROL STRUCTURE UTILIZING ONSITE SPOILS, FILL SHALL BE COMPACTED TO A 95% PROCTOR DENSITY WITH 8" LIFTS, COMPLETE IN PLACE	CY	450	\$15.00	\$6,750.00	\$20.00	\$9,000.00	\$3.00	\$1,350.00
24.	24" RCP STORM SEWER, ASTM C-76, ALL DEPTHS, INCLUDING BEDDING AND CEMENT STABILIZED SAND BACKFILL NON-SHRINK GROUT ON ALL JOINTS, COMPLETE IN PLACE	LF	71	\$150.00	\$10,650.00	\$150.00	\$10,650.00	\$80.00	\$5,680.00
25.	SELECT CLEARING AND GRUBBING, INCLUDES REMOVING ALL STUMPS AND ROOTS, CHIPPING OF CLEARING DEBRIS, AND HAULING OF DEBRIS OFFSITE, (SEE C&G EXHIBIT INCLUDED IN CONTRACT DOCUMENTS, COMPLETE IN PLACE	AC	2.2	\$12,000.00	\$26,400.00	\$10,000.00	\$22,000.00	\$15,000.00	\$33,000.00
SUBTOTAL WASTEWATER TREATMENT PLANT ITEMS					\$1,307,025.00		\$1,575,070.00		\$1,282,380.00
MISCELLANEOUS ITEMS									
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	\$5,000.00	\$5,000.00
2.	EXTRA COST OF UTILITY WET SAND CONSTRUCTION, ALL LINE SIZES AND DEPTHS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	100	\$25.00	\$2,500.00	\$25.00	\$2,500.00	\$25.00	\$2,500.00
3.	INSTALLATION, MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION EXIT (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
4.	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 CONTRACTOR'S NOTICE OF TERMINATION IS SUBMITTED, COMPLETE IN PLACE	LS	1	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00

BID TABULATION FOR:

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

CONSTRUCTION OF THE TAVOLA WASTEWATER TREATMENT PLANT NO. 2 - PHASE 1 (0.165 MGD)
 EAST MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 5
 CITY OF HOUSTON, E.T.J., MONTGOMERY COUNTY, TEXAS
 NOVEMBER 30, 2021
 LJA ENGINEERING, INC.
 A.CAROTHERS
 DECEMBER 1, 2021
 6967-1015 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) SJ SERVICES		2) R & B GROUP, INC.		3) UNITAS CONSTRUCTION, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
5.	CONTROL OF GROUNDWATER AND SURFACE WATER (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
6.	FILTER FABRIC FENCE, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	3,884	\$2.00	\$7,768.00	\$5.00	\$19,420.00	\$2.00	\$7,768.00
7.	EXTRA CEMENT STABILIZED SAND, (2 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	\$38.00	\$760.00	\$38.00	\$760.00
8.	EXTRA HYDROMULCH SEEDING OF PROJECT SITE, AND ALL DISTRIBUTED AREAS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	1	\$1,500.00	\$1,500.00	\$3,000.00	\$3,000.00	\$2,000.00	\$2,000.00
9.	INSTALLATION, MAINTENANCE & REMOVAL OF CONCRETE TRUCK WASHOUT, COMPLETE IN PLACE	LS	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$500.00	\$500.00
10.	DEWATERING OF LINE WORK AND YARD PIPING (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	LF	100	\$25.00	\$2,500.00	\$25.00	\$2,500.00	\$25.00	\$2,500.00
11.	EXTRA 4,000 PSI CONCRETE WITH REINFORCING STEEL, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	CY	50	\$300.00	\$15,000.00	\$300.00	\$15,000.00	\$300.00	\$15,000.00
SUBTOTAL MISCELLANEOUS ITEMS					\$33,530.00		\$48,180.00		\$40,028.00
BID SUMMARY									
LIFT STATION NO. 1 ITEMS					\$495,580.00		\$530,150.00		\$1,147,634.00
SUBTOTAL WASTEWATER TREATMENT PLANT ITEMS					\$1,307,025.00		\$1,575,070.00		\$1,282,380.00
SUBTOTAL MISCELLANEOUS ITEMS					\$33,530.00		\$48,180.00		\$40,028.00
TOTAL AMOUNT BID					\$1,836,115.00		\$2,153,400.00		\$2,470,042.00

LJA Engineering, Inc.