

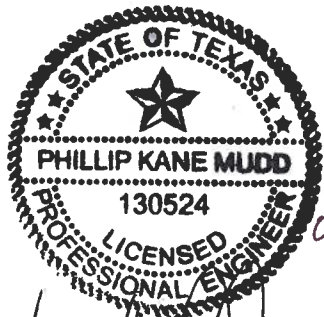
BID TABULATION FOR:

CONSTRUCTION OF THE DRAINAGE IMPROVEMENTS WITHIN WATER PLANT SITE
TO SERVE BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 21
BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 21
CITY PEARLAND E.T.J., BRAZORIA COUNTY, TEXAS
FEBRUARY 12, 2019
LJA ENGINEERING, INC.
L. MARTINEZ
FEBRUARY 13, 2019
1874-1801 (9.2)

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

BIDDER'S NAME	TOTAL BID AMOUNT
1) ARANDA INDUSTRIES, LLC	\$59,952.00
2) ENVIRONMENTAL ALLIES, INC.	\$82,000.00
3) W.W. PAYTON, CORPORATION	\$85,000.00
4) C.E. BARKER, LTD.	\$125,254.75

CALENDAR DAYS - 30/40



02/13/19

Phillip Kane Mudd

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

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ITEM DESCRIPTION	UNIT	QTY	1) ARANDA INDUSTRIES, LLC		2) ENVIRONMENTAL ALLIES, INC.		3) W.W. PAYTON, CORPORATION		
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
DRAINAGE ITEMS									
1. EXCAVATION OF V-BOTTOM WIDTH SWALES (APPROX. 1 - 2 FOOT DEPTH), INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, AND REAPPLYING STRIPPINGS TO FINAL GRADED AREAS, COMPLETE IN PLACE	CY	285	\$25.00	\$7,125.00	\$75.00	\$21,375.00	\$85.00	\$24,225.00	
2. EMBANKMENT ON FILL AREA (AS SHOWN ON SHEET 3 SECTION A-A), INCLUDES HAULING, COMPACTION, STRIPPING, STOCKPILE STRIPPINGS, MUCKING EXISTING DITCHES, PONDS, AND TANKS IN FILL AREA AND REAPPLYING STRIPPINGS, COMPLETE IN PLACE	CY	190	\$25.00	\$4,750.00	\$20.00	\$3,800.00	\$90.00	\$17,100.00	
3. 24" RCP, STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, INCLUDES CONNECTION TO EXISTING 24" RCP STORM SEWER AND APPURTENANCES, COMPLETE IN PLACE	LF	11	\$385.00	\$4,235.00	\$1,500.00	\$16,500.00	\$200.00	\$2,200.00	
4. TYPE "E" INLET, ALL DEPTHS, INCLUDES CONNECTION TO 24" RCP STORM SEWER AND ADJUSTMENTS, COMPLETE IN PLACE	EA	1	\$8,970.00	\$8,970.00	\$19,267.00	\$19,267.00	\$4,000.00	\$4,000.00	
5. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	11	\$1.00	\$11.00	\$5.00	\$55.00	\$10.00	\$110.00	
6. CONFLUENCE CONCRETE SLOPE PROTECTION (SEE DETAIL SHEET 7), INCLUDES 4-INCH REINFORCED CONCRETE (3,000 PSI) WITH 18-INCH TOE WALL AROUND PERIMETER OF SLOPE PAVING, #3 BAR 24-INCH ON CENTER EACH WAY, INCLUDES EMBANKMENT OF FILL, AND FINAL GRADING OF SIDE SLOPES COMPLETE IN PLACE	SY	20	\$250.00	\$5,000.00	\$125.00	\$2,500.00	\$250.00	\$5,000.00	
7. CONCRETE SLOPE PROTECTION (SEE DETAIL SHEET 7), INCLUDES 5-INCH REINFORCED CONCRETE (3,000 PSI) WITH 2-FT TOE WALL AROUND PERIMETER OF SLOPE PAVING, #3 BAR 24-INCH ON CENTER EACH WAY, INCLUDES EMBANKMENT OF FILL, AND FINAL GRADING OF SIDE SLOPES COMPLETE IN PLACE	SY	25	\$250.00	\$6,250.00	\$125.00	\$3,125.00	\$250.00	\$6,250.00	
8. TYPE 1 ROCK FILTER DAM (SEE DETAIL ON SHEET 6 AND 7, INCLUDES INSTALLATION AND REMOVAL AFTER 90% HOMOGENEOUS VEGETATIVE COVER OF SWALES AND PRIOR TO FINAL COMPLETION OF PROJECT, COMPLETE IN PLACE	LS	1	\$2,500.00	\$2,500.00	\$800.00	\$800.00	\$2,000.00	\$2,000.00	
9. REMOVAL OF EXISTING TYPE "E" INLET AND 24" RCP STORM SEWER AND EXISTING SLOPE PAVING, INCLUDES HAULING AND DISPOSING OFFSITE, COMPLETE IN PLACE	LS	1	\$6,500.00	\$6,500.00	\$5,000.00	\$5,000.00	\$2,115.00	\$2,115.00	
SUBTOTAL DRAINAGE ITEMS				\$45,341.00		\$72,422.00		\$63,000.00	
MISCELLANEOUS ITEMS									
1. HYDROMULCH SEEDING OF DRAINAGE SWALES AND FILL AREA, COMPLETE IN PLACE	AC	1.5	\$1,800.00	\$2,700.00	\$1,900.00	\$2,850.00	\$5,000.00	\$7,500.00	
2. SURFACE WATER CONTROL INCLUDES PUMPING REQUIRED COMPLETE ENTIRE PROJECT, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LS	1	\$500.00	\$500.00	\$100.00	\$100.00	\$500.00	\$500.00	
3. STABILIZED CONSTRUCTION ROAD AND EXIT, INCLUDES INSTALLATION, MAINTENANCE AND REMOVAL OF ROAD AT THE COMPLETION OF PROJECT, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$800.00	\$800.00	\$250.00	\$250.00	
4. WOOD MATS AT ALL EXISTING CROSSINGS, COMPLETE IN PLACE	LS	1	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00	\$500.00	\$500.00	
5. UTILITY SPOILS FROM WATER PLANT SITE STORM SEWER, (95% STANDARD PROCTOR DENSITY), TO BE USED ON SITE, INCLUDES HAULING, PLACEMENT AND COMPACTION, COMPLETE IN PLACE	LS	1	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$3,000.00	\$3,000.00	

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 L. MARTINEZ
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ITEM	DESCRIPTION	UNIT	QTY	1) ARANDA INDUSTRIES, LLC		2) ENVIRONMENTAL ALLIES, INC.		3) W.W. PAYTON, CORPORATION	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
6.	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE AND INSPECTIONS, COMPLETE IN PLACE	LS	1	\$1,500.00	\$1,500.00	\$900.00	\$900.00	\$250.00	\$250.00
7.	REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE	LF	1	\$1.00	\$1.00	\$50.00	\$50.00	\$250.00	\$250.00
8.	STAGE II INLET PROTECTION BARRIERS (BURLAP BAG BARRIER), COMPLETE IN PLACE	EA	1	\$50.00	\$50.00	\$53.00	\$53.00	\$100.00	\$100.00
9.	INSPECTION OF EXISTING STORM SEWER FACILITIES AND REMOVAL OF SILT AND DEBRIS IN EXISTING 24-INCH RCP STORM SEWER AND STRUCTURES, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$20.00	\$2,000.00	\$5.00	\$500.00	\$25.00	\$2,500.00
10.	COST TO HAUL UTILITY SPOILS AND SWALE EMBANKMENT OFF SITE (TO BE USED ON SITE ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), INCLUDES STRIPPING, STOCK PILING OF STRIPPINGS, EMBANKMENT, AND REAPPLYING OF STRIPPINGS TO FINAL GRADED AREA, COMPLETE IN PLACE	CY	285	\$15.00	\$4,275.00	\$5.00	\$1,425.00	\$15.00	\$4,275.00
11.	EXTRA CEMENT STABILIZED SAND, 1.5 SACKS OF CEMENT PER CUBIC YARD OF MIX, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), ALL DEPTHS, COMPLETE IN PLACE	TON	1	\$35.00	\$35.00	\$100.00	\$100.00	\$40.00	\$40.00
12.	TYPE 2 ROCK FILTER DAM (SEE DETAIL ON SHEET 6, TO BE REMOVED AFTER 90% HOMOGENEOUS VEGETATIVE COVER OF SWALES AND PRIOR TO FINAL COMPLETION OF PROJECT, COMPLETE IN PLACE	EA	1	\$50.00	\$50.00	\$800.00	\$800.00	\$2,835.00	\$2,835.00
SUBTOTAL MISCELLANEOUS ITEMS					\$14,611.00	\$9,578.00	\$22,000.00		
BID SUMMARY									
SUBTOTAL DRAINAGE ITEMS					\$45,341.00	\$72,422.00	\$63,000.00		
SUBTOTAL MISCELLANEOUS ITEMS					\$14,611.00	\$9,578.00	\$22,000.00		
TOTAL AMOUNT BID					\$59,952.00	\$82,000.00	\$85,000.00		

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4) C.E. BARKER, LTD.

ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
DRAINAGE ITEMS				
1. EXCAVATION OF V-BOTTOM WIDTH SWALES (APPROX. 1 - 2 FOOT DEPTH), INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, AND REAPPLYING STRIPPINGS TO FINAL GRADED AREAS, COMPLETE IN PLACE	CY	285	\$75.81	\$21,605.85
2. EMBANKMENT ON FILL AREA (AS SHOWN ON SHEET 3 SECTION A-A), INCLUDES HAULLING, COMPACTION, STRIPPING, STOCKPILE STRIPPINGS, MUCKING EXISTING DITCHES, PONDS, AND TANKS IN FILL AREA AND REAPPLYING STRIPPINGS, COMPLETE IN PLACE	CY	190	\$110.90	\$21,071.00
3. 24" RCP, STORM SEWER, ASTM C-76, CLASS III, ALL CUTS, INCLUDES CONNECTION TO EXISTING 24" RCP STORM SEWER AND APPURTENANCES, COMPLETE IN PLACE	LF	11	\$452.14	\$4,973.54
4. TYPE "E" INLET, ALL DEPTHS, INCLUDES CONNECTION TO 24" RCP STORM SEWER AND ADJUSTMENTS, COMPLETE IN PLACE	EA	1	\$7,935.22	\$7,935.22
5. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	11	\$1.00	\$11.00
6. CONFLUENCE CONCRETE SLOPE PROTECTION (SEE DETAIL SHEET 7), INCLUDES 4-INCH REINFORCED CONCRETE (3,000 PSI) WITH 18-INCH TOE WALL AROUND PERIMETER OF SLOPE PAVING, #3 BAR 24-INCH ON CENTER EACH WAY, INCLUDES EMBANKMENT OF FILL, AND FINAL GRADING OF SIDE SLOPES COMPLETE IN PLACE	SY	20	\$313.41	\$6,268.20
7. CONCRETE SLOPE PROTECTION (SEE DETAIL SHEET 7), INCLUDES 5-INCH REINFORCED CONCRETE (3,000 PSI) WITH 2-FT TOE WALL AROUND PERIMETER OF SLOPE PAVING, #3 BAR 24-INCH ON CENTER EACH WAY, INCLUDES EMBANKMENT OF FILL, AND FINAL GRADING OF SIDE SLOPES COMPLETE IN PLACE	SY	25	\$280.07	\$7,001.75
8. TYPE 1 ROCK FILTER DAM (SEE DETAIL ON SHEET 6 AND 7, INCLUDES INSTALLATION AND REMOVAL AFTER 90% HOMOGENEOUS VEGETATIVE COVER OF SWALES AND PRIOR TO FINAL COMPLETION OF PROJECT, COMPLETE IN PLACE	LS	1	\$6,728.27	\$6,728.27
9. REMOVAL OF EXISTING TYPE "E" INLET AND 24" RCP STORM SEWER AND EXISTING SLOPE PAVING, INCLUDES HAULLING AND DISPOSING OFFSITE, COMPLETE IN PLACE	LS	1	\$14,670.15	\$14,670.15
SUBTOTAL DRAINAGE ITEMS				\$90,264.98
MISCELLANEOUS ITEMS				
1. HYDROMULCH SEEDING OF DRAINAGE SWALES AND FILL AREA, COMPLETE IN PLACE	AC	1.5	\$2,578.52	\$3,867.78
2. SURFACE WATER CONTROL INCLUDES PUMPING REQUIRED COMPLETE ENTIRE PROJECT. (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LS	1	\$3,334.13	\$3,334.13
3. STABILIZED CONSTRUCTION ROAD AND EXIT, INCLUDES INSTALLATION, MAINTENANCE AND REMOVAL OF ROAD AT THE COMPLETION OF PROJECT, COMPLETE IN PLACE	EA	1	\$3,000.72	\$3,000.72
4. WOOD MATS AT ALL EXISTING CROSSINGS, COMPLETE IN PLACE	LS	1	\$8,001.90	\$8,001.90
5. UTILITY SPOILS FROM WATER PLANT SITE STORM SEWER, (95% STANDARD PROCTOR DENSITY), TO BE USED ON SITE, INCLUDES HAULLING, PLACEMENT AND COMPACTION, COMPLETE IN PLACE	LS	1	\$1,667.07	\$1,667.07

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4) C.E. BARKER, LTD.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
6.	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE AND INSPECTIONS, COMPLETE IN PLACE	LS	1	\$666.83	\$666.83
7.	REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE	LF	1	\$5.00	\$5.00
8.	STAGE II INLET PROTECTION BARRIERS (BURLAP BAG BARRIER), COMPLETE IN PLACE	EA	1	\$80.02	\$80.02
9.	INSPECTION OF EXISTING STORM SEWER FACILITIES AND REMOVAL OF SILT AND DEBRIS IN EXISTING 24-INCH RCP STORM SEWER AND STRUCTURES, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	100	\$18.81	\$1,881.00
10.	COST TO HAUL UTILITY SPOILS AND SWALE EMBANKMENT OFF SITE (TO BE USED ON SITE ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), INCLUDES STRIPPING, STOCK PILING OF STRIPPINGS, EMBANKMENT, AND REAPPLYING OF STRIPPINGS TO FINAL GRADED AREA, COMPLETE IN PLACE	CY	285	\$20.13	\$5,737.05
11.	EXTRA CEMENT STABILIZED SAND, 1.5 SACKS OF CEMENT PER CUBIC YARD OF MIX, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), ALL DEPTHS, COMPLETE IN PLACE	TON	1	\$20.00	\$20.00
12.	TYPE 2 ROCK FILTER DAM (SEE DETAIL ON SHEET 6, TO BE REMOVED AFTER 90% HOMOGENEOUS VEGETATIVE COVER OF SWALES AND PRIOR TO FINAL COMPLETION OF PROJECT, COMPLETE IN PLACE	EA	1	\$6,728.27	\$6,728.27

SUBTOTAL MISCELLANEOUS ITEMS **\$34,989.77**

BID SUMMARY

SUBTOTAL DRAINAGE ITEMS **\$90,264.98**

SUBTOTAL MISCELLANEOUS ITEMS **\$34,989.77**

TOTAL AMOUNT BID **\$125,254.75**