

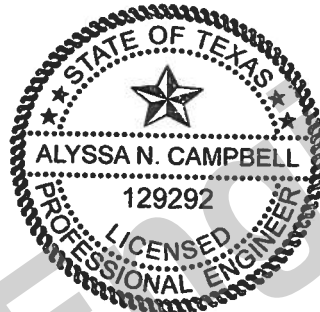
BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER & DRAINAGE FACILITIES
AND PAVING AND APPURTENANCES AND CONDUIT TO SERVE SOUTH SPECTRUM BOULEVARD
AND PROPOSED SIGNALIZATION AT KIRBY DRIVE AND SOUTH SPECTRUM BOULEVARD
LOWER KIRBY PEARLAND MANAGEMENT DISTRICT
CITY OF PEARLAND, HARRIS COUNTY, TEXAS
NOVEMBER 13, 2018
LJA ENGINEERING, INC.
C. DURHAM
NOVEMBER 13, 2018
2209-1504 (9.2)

BID OPENING DATE:
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LJA JOB NO.

BIDDER'S NAME	TOTAL BID AMOUNT
1) DURWOOD GREENE CONSTRUCTION CO.	\$4,636,993.80
2) TRIPLE B SERVICES, LLP	\$4,670,042.39
3) ANGEL BROTHERS ENTERPRISES, LTD.	\$4,781,948.95
4) UNITAS CONSTRUCTION, INC.	\$5,177,007.00
5) TOTAL CONTRACTING LIMITED	\$6,699,989.50

CALENDAR DAYS - 170/180



Alyssa Campbell

11/13/18

I, Alyssa Campbell, P.E., hereby certify these bid tabulations to be true and correct.

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ITEM	DESCRIPTION	UNIT	QTY	1) DURWOOD GREENE CONSTRUCTION CO.		2) TRIPLE B SERVICES, LLP		3) ANGEL BROTHERS ENTERPRISES, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER ITEMS									
1.	8" PVC WATER PIPE, AWWA C-900, DR 18, TO INCLUDE ALL FITTINGS, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	208	\$24.00	\$4,992.00	\$22.85	\$4,752.80	\$38.50	\$8,008.00
2.	12" PVC WATER LINE, AWWA C-900, DR 18, TO INCLUDE ALL FITTINGS, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2,733	\$34.00	\$92,922.00	\$45.00	\$122,985.00	\$48.00	\$131,184.00
3.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2,836	\$0.15	\$425.40	\$0.01	\$28.36	\$0.25	\$709.00
4.	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT AND TRENCH SAFETY, COMPLETE IN PLACE	EA	9	\$4,500.00	\$40,500.00	\$5,565.00	\$50,085.00	\$5,100.00	\$45,900.00
5.	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES 8" GATE VALVE & BOX AND FIRE HYDRANT AND TRENCH SAFETY, COMPLETE IN PLACE	EA	2	\$4,400.00	\$8,800.00	\$4,790.00	\$9,580.00	\$5,800.00	\$11,600.00
6.	TRENCHLESS CONSTRUCTION OF 12" PVC WATER PIPE, ALL DEPTHS WITH 20" STEEL CASING, TO INCLUDE SPACERS AND ENDCAPS, BORE PITS, BEDDING AND BACKFILL OF BORE PITS, DOES NOT INCLUDE PIPE, COMPLETE IN PLACE	LF	105	\$215.00	\$22,575.00	\$281.65	\$29,573.25	\$107.00	\$11,235.00
7.	REMOVE AND DISPOSE OF EXISTING 12" PVC WATERLINE, COMPLETE IN PLACE	LF	43	\$61.00	\$2,623.00	\$20.35	\$875.05	\$16.00	\$688.00
8.	REMOVE AND DISPOSE OF EXISTING 12" GATE VALVE AND BOX, COMPLETE IN PLACE	EA	1	\$400.00	\$400.00	\$140.70	\$140.70	\$300.00	\$300.00
9.	EXTRA CAST IRON FITTINGS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	TON	2	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$4,000.00
10.	UTILITY SPOIL TO BE HAULED, SPREAD, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	858	\$4.00	\$3,432.00	\$2.75	\$2,359.50	\$7.00	\$6,006.00
11.	8" AWWA GATE VALVE AND BOX, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	2	\$1,400.00	\$2,800.00	\$1,620.00	\$3,240.00	\$1,300.00	\$2,600.00
12.	12" AWWA GATE VALVE AND BOX, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	6	\$2,500.00	\$15,000.00	\$2,775.00	\$16,650.00	\$2,500.00	\$15,000.00
13.	20" AWWA GATE VALVE AND BOX, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	1	\$72,500.00	\$72,500.00	\$14,640.00	\$14,640.00	\$20,000.00	\$20,000.00
14.	20" x 12" TAPPING SLEEVE & VALVE, COMPLETE IN PLACE	EA	1	\$15,500.00	\$15,500.00	\$9,890.00	\$9,890.00	\$8,700.00	\$8,700.00
15.	REMOVE EXISTING 12" PLUG AND CLAMP AND CONNECT PROPOSED 12" WATERLINE TO EXISTING 12" WATERLINE, COMPLETE IN PLACE	EA	1	\$200.00	\$200.00	\$1,285.00	\$1,285.00	\$1,000.00	\$1,000.00
SUBTOTAL WATER ITEMS					\$284,669.40		\$268,084.86		\$266,930.00

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ITEM DESCRIPTION	UNIT	QTY	1) DURWOOD GREENE CONSTRUCTION CO.		2) TRIPLE B SERVICES, LLP		3) ANGEL BROTHERS ENTERPRISES, LTD.		
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
SANITARY SEWER ITEMS									
1. 10" PVC SEWER PIPE, ASTM D-3034, SDR 26, 0' - 12' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	75	\$66.00	\$4,950.00	\$47.00	\$3,525.00	\$82.00	\$6,150.00	
2. 12" PVC SEWER PIPE, ASTM D-3034, SDR 26, 0' - 12' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,019	\$75.00	\$76,425.00	\$48.90	\$49,829.10	\$65.00	\$66,235.00	
3. 12" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12' - 16' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	40	\$75.00	\$3,000.00	\$52.50	\$2,100.00	\$86.00	\$3,440.00	
4. 12" PVC SEWER PIPE, ASTM D-3034, SDR 26, 16' - 20' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,066	\$75.00	\$79,950.00	\$62.00	\$66,092.00	\$86.00	\$91,676.00	
5. TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2,175	\$0.15	\$326.25	\$0.01	\$21.75	\$1.00	\$2,175.00	
6. STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, (8' DEPTH), TO INCLUDE INTERNAL COATING, COMPLETE IN PLACE	EA	10	\$6,700.00	\$67,000.00	\$4,975.00	\$49,750.00	\$4,100.00	\$41,000.00	
7. INSTALL STANDARD SANITARY SEWER MANHOLE ON TOP OF EXISTING 30" SANITARY SEWER AND CONNECT PROPOSED 12" SANITARY SEWER, TO INCLUDE TEMPORARY PLUG AND BYPASS PUMPING, DOES NOT INCLUDE MANHOLE, COMPLETE IN PLACE	LS	1	\$7,000.00	\$7,000.00	\$13,800.00	\$13,800.00	\$7,050.00	\$7,050.00	
8. ADDITIONAL COST FOR SANITARY SEWER BEDDING & BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES & DEPTHS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1,100	\$15.00	\$16,500.00	\$15.00	\$16,500.00	\$15.00	\$16,500.00	
9. DEWATERING, ALL SIZES & DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1,100	\$25.00	\$27,500.00	\$25.00	\$27,500.00	\$25.00	\$27,500.00	
10. EXTRA CEMENT STABILIZED SAND, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$20.00	\$1,000.00	\$20.00	\$1,000.00	\$50.00	\$2,500.00	
11. TRENCHLESS CONSTRUCTION OF 12" PVC SANITARY SEWER PIPE, DOES NOT INCLUDE PIPE, COMPLETE IN PLACE	LF	25	\$160.00	\$4,000.00	\$280.00	\$7,000.00	\$98.00	\$2,450.00	
12. UTILITY SPOIL TO BE HAULED, SPREAD, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	622	\$4.00	\$2,488.00	\$4.65	\$2,892.30	\$7.00	\$4,354.00	
13. SANITARY MANHOLE, EXTRA DEPTH, GREATER THAN 8', TO INCLUDE INTERNAL COATING, COMPLETE IN PLACE	VF	52	\$160.00	\$8,320.00	\$150.00	\$7,800.00	\$300.00	\$15,600.00	
14. TV TESTING OF SANITARY SEWER, TO INCLUDE CLEANING AND DESILTING AS NECESSARY, COMPLETE IN PLACE	LF	2,200	\$6.50	\$14,300.00	\$4.40	\$9,680.00	\$2.50	\$5,500.00	
15. REMOVE AND DISPOSE OF EXISTING SANITARY SEWER PLUG AND CONNECT PROPOSED 10" SANITARY SEWER TO EXISTING 10" SANITARY SEWER	EA	1	\$500.00	\$500.00	\$500.00	\$500.00	\$300.00	\$300.00	
SUBTOTAL SANITARY SEWER ITEMS				\$313,259.25		\$257,990.15		\$292,430.00	
DRAINAGE FACILITIES ITEMS									
1. 18" STORM SEWER, ALL CUTS, TO INCLUDE BEDDING & BACKFILL, COMPLETE IN PLACE	LF	55	\$67.00	\$3,685.00	\$58.00	\$3,190.00	\$80.00	\$4,400.00	
2. 24" STORM SEWER, ALL CUTS, TO INCLUDE BEDDING & BACKFILL, COMPLETE IN PLACE	LF	276	\$75.00	\$20,700.00	\$77.75	\$21,459.00	\$75.00	\$20,700.00	
3. 30" STORM SEWER, ALL CUTS, TO INCLUDE BEDDING & BACKFILL, COMPLETE IN PLACE	LF	831	\$88.00	\$73,128.00	\$100.00	\$83,100.00	\$81.00	\$67,311.00	

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4.	36" STORM SEWER, ALL CUTS, TO INCLUDE BEDDING & BACKFILL, COMPLETE IN PLACE	LF	101	\$110.00	\$11,110.00	\$143.00	\$14,443.00	\$157.00	\$15,857.00
5.	36" ASCP STORM SEWER, ALL CUTS, TO INCLUDE BEDDING & BACKFILL, COMPLETE IN PLACE	LF	78	\$95.00	\$7,410.00	\$125.00	\$9,750.00	\$100.00	\$7,800.00
6.	8' X 8' RCB STORM SEWER, ALL CUTS, TO INCLUDE BEDDING & BACKFILL, COMPLETE IN PLACE	LF	366	\$620.00	\$226,920.00	\$620.00	\$226,920.00	\$600.00	\$219,600.00
7.	10' X 10' RCB STORM SEWER, ALL CUTS, TO INCLUDE BEDDING & BACKFILL, COMPLETE IN PLACE	LF	375	\$940.00	\$352,500.00	\$1,005.00	\$376,875.00	\$860.00	\$322,500.00
8.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2,064	\$0.15	\$309.60	\$0.01	\$20.64	\$1.00	\$2,064.00
9.	STAGE I - STANDARD 10' INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	4	\$2,000.00	\$8,000.00	\$2,725.00	\$10,900.00	\$2,200.00	\$8,800.00
10.	STAGE II - STANDARD 10' INLET, COMPLETE IN PLACE	EA	4	\$4,000.00	\$16,000.00	\$1,000.00	\$4,000.00	\$2,400.00	\$9,600.00
11.	TYPE "E" INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE, COMPLETE IN PLACE	EA	9	\$2,800.00	\$25,200.00	\$3,070.00	\$27,630.00	\$3,300.00	\$29,700.00
12.	STAGE I - STANDARD (TYPE "C") INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	6	\$1,500.00	\$9,000.00	\$2,830.00	\$16,980.00	\$2,500.00	\$15,000.00
13.	STAGE II - STANDARD (TYPE "C") INLET, COMPLETE IN PLACE	EA	6	\$2,400.00	\$14,400.00	\$1,380.00	\$8,280.00	\$2,400.00	\$14,400.00
14.	5" THICK REINFORCED CONCRETE PILOT CHANNEL, 6' WIDE, COMPLETE IN PLACE	LF	290	\$69.00	\$20,010.00	\$69.00	\$20,010.00	\$53.50	\$15,515.00
15.	EXISTING OVERFLOW SWALE TO BE DEMUCKED AND FILLED, COMPLETE IN PLACE	LF	140	\$25.00	\$3,500.00	\$6.35	\$889.00	\$25.00	\$3,500.00
16.	EXISTING ROADSIDE DITCH TO BE REGRADED, COMPLETE IN PLACE	LF	321	\$5.00	\$1,605.00	\$43.50	\$13,963.50	\$7.00	\$2,247.00
17.	TYPE "C" MANHOLE FOR 42" STORM SEWER & SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$3,400.00	\$20,400.00	\$5,600.00	\$33,600.00	\$4,200.00	\$25,200.00
18.	EXISTING MANHOLE TOP TO BE REMOVED AND REPLACED WITH ECCENTRIC CONE TO REMOVE MANHOLE RIM FROM PROPOSED CURB, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$3,512.00	\$3,512.00	\$1,000.00	\$1,000.00
19.	26' X 26' JUNCTION BOX WITH TYPE 'C' MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$90,000.00	\$90,000.00	\$113,000.00	\$113,000.00	\$88,000.00	\$88,000.00
20.	ADDITIONAL COST FOR STORM SEWER BEDDING & BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1,032	\$15.00	\$15,480.00	\$15.00	\$15,480.00	\$15.00	\$15,480.00
21.	36" STORM SEWER OUTFALL INCLUDING SLOPE PAVING, RE-DRESSING EXISTING POND SIDE SLOPE, CUT PIPE TO MATCH SIDE SLOPE, DOES NOT INCLUDE 36" ASCP, COMPLETE IN PLACE	LS	1	\$7,000.00	\$7,000.00	\$17,250.00	\$17,250.00	\$31,000.00	\$31,000.00
22.	DEWATERING, ALL SIZES & DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1,032	\$25.00	\$25,800.00	\$25.00	\$25,800.00	\$25.00	\$25,800.00
23.	UTILITY SPOIL TO BE HAULED, SPREAD, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	4,390	\$4.00	\$17,560.00	\$3.00	\$13,170.00	\$7.00	\$30,730.00
24.	EXTRA CEMENT STABILIZED SAND, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$20.00	\$1,000.00	\$20.00	\$1,000.00	\$50.00	\$2,500.00

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25.	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE INCLUDING MAINTAINING EXISTING FILTER FABRIC FENCE AND STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	LS	1	\$1,500.00	\$1,500.00	\$3,135.00	\$3,135.00	\$10,000.00	\$10,000.00
26.	STABILIZED CONSTRUCTION EXIT AT LOCATIONS SHOWN ON PLANS, INSTALLATION AND REMOVAL, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$1,200.00	\$1,200.00	\$1,200.00	\$1,200.00	\$1,200.00	\$1,200.00
27.	INLET PROTECTION BARRIER (4 SAND BAGS PER INLET) FOR PROPOSED INLETS, COMPLETE IN PLACE	EA	19	\$100.00	\$1,900.00	\$125.00	\$2,375.00	\$100.00	\$1,900.00
28.	STAGE II INLET PROTECTION BARRIER (4 SAND BAGS PER INLET) FOR EXISTING INLETS, COMPLETE IN PLACE	EA	9	\$100.00	\$900.00	\$0.01	\$0.09	\$50.00	\$450.00
29.	CONTRACTOR TO REMOVE EXISTING 8" BRICK PLUG AND CONNECT PROPOSED 24" STORM SEWER TO EXISTING STORM SEWER, COMPLETE IN PLACE	EA	4	\$800.00	\$3,200.00	\$185.00	\$740.00	\$300.00	\$1,200.00
30.	ROCK FILTER DAM, TO INCLUDE INSTALLATION AND REMOVAL, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$5,500.00	\$5,500.00	\$3,137.00	\$3,137.00	\$2,100.00	\$2,100.00
31.	REINFORCED FILTER FABRIC FENCE ALONG BOUNDARY (SILT BARRIER FENCING), TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	11,817	\$1.25	\$14,771.25	\$1.25	\$14,771.25	\$2.00	\$23,634.00
32.	CONCRETE TRUCK WASHOUT, TO INCLUDE INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00	\$940.00	\$940.00	\$1,200.00	\$1,200.00
33.	HYDROMULCH SEEDING OF R.O.W. AND MEDIANS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	3.2	\$1,000.00	\$3,200.00	\$1,000.00	\$3,200.00	\$1,600.00	\$5,120.00
34.	ADJUST MANHOLE TOP TO FINISHED GRADE, COMPLETE IN PLACE	EA	3	\$540.00	\$1,620.00	\$350.00	\$1,050.00	\$250.00	\$750.00
35.	CITY OF PEARLAND INSPECTION FEE, TO EQUAL 1% OF TOTAL CONSTRUCTION COSTS OF WATER, SANITARY SEWER, AND DRAINAGE FACILITIES, COMPLETE IN PLACE	LS	1	\$22,731.00	\$22,731.00	\$23,400.00	\$23,400.00	\$18,250.00	\$18,250.00
36.	GRASS-LINED OVERFLOW SWALE AT 0.1% SLOPE WITH 4:1 SIDE SLOPES, TO INCLUDE SEEDING, WATERING, AND FERTILIZATION, COMPLETE IN PLACE	LF	4,030	\$11.00	\$44,330.00	\$2.45	\$9,873.50	\$12.00	\$48,360.00
37.	EXISTING POND TO BE DEMUCKED AND FILLED, INCLUDING RESHAPING HIGH BANK AND SIDE SLOPES AT 4:1, USING SLOPE RECONSTRUCTION RECOMMENDATIONS ON SHEET 10, COMPLETE IN PLACE	CY	2,227	\$15.00	\$33,405.00	\$7.30	\$16,257.10	\$12.00	\$26,724.00
38.	CONCRETE HEADWALL WITH PARALLEL WINGWALLS PER PW-1 DETAIL ON SHEET 30, TO INCLUDE GALVANIZED LINTELS, TO E WALL, BRICK TIES, AND CONCRETE MASONRY UNITS, PER SHEET 30A, COMPLETE IN PLACE	EA	2	\$145,000.00	\$290,000.00	\$197,500.00	\$395,000.00	\$75,000.00	\$150,000.00
39.	EXISTING HEADWALL TO BE REMOVED AND DISPOSED, COMPLETE IN PLACE	EA	1	\$17,000.00	\$17,000.00	\$3,015.00	\$3,015.00	\$6,800.00	\$6,800.00
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$1,414,974.85		\$1,539,318.08		\$1,276,392.00
PAVING IMPROVEMENT ITEMS									
1.	10" REINFORCED CONCRETE PAVEMENT, INCLUDING REINFORCED CONCRETE CURB, COMPLETE IN PLACE	SY	16,538	\$64.00	\$1,058,432.00	\$66.75	\$1,103,911.50	\$64.25	\$1,062,566.50
2.	8" LIME STABILIZED SUB-GRADE (MANIPULATION), COMPLETE IN PLACE	SY	17,703	\$2.00	\$35,406.00	\$3.00	\$53,109.00	\$2.50	\$44,257.50
3.	HYDRATED LIME FOR 8" STABILIZED SUB-GRADE (35 LBS/SY) AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECH ENGINEER), COMPLETE IN PLACE	TON	310	\$190.00	\$58,900.00	\$185.00	\$57,350.00	\$184.00	\$57,040.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER & DRAINAGE FACILITIES AND PAVING AND APPURTENANCES AND CONDUIT TO SERVE SOUTH SPECTRUM BOULEVARD AND PROPOSED SIGNALIZATION AT KIRBY DRIVE AND SOUTH SPECTRUM BOULEVARD LOWER KIRBY PEARLAND MANAGEMENT DISTRICT CITY OF PEARLAND, HARRIS COUNTY, TEXAS
 NOVEMBER 13, 2018
 LJA ENGINEERING, INC.
 C. DURHAM
 NOVEMBER 13, 2018
 2209-1504 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	1) DURWOOD GREENE CONSTRUCTION CO.		2) TRIPLE B SERVICES, LLP		3) ANGEL BROTHERS ENTERPRISES, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4.	PERMANENT TRAFFIC CONTROL DEVICES (INCLUDING TRAFFIC BUTTONS, PAVEMENT STRIPING), COMPLETE IN PLACE	LS	1	\$7,500.00	\$7,500.00	\$3,685.00	\$3,685.00	\$5,800.00	\$5,800.00
5.	PERMANENT TRAFFIC CONTROL SIGNS, INCLUDING STOP SIGNS WITH STREET NAMES, DIRECTIONAL SIGNS WITH SUPPLEMENTS, ETC., COMPLETE IN PLACE	EA	8	\$900.00	\$7,200.00	\$350.00	\$2,800.00	\$4,000.00	\$32,000.00
6.	2' WIDE SAW CUT, CONTRACTOR TO REMOVE CONCRETE, CURB & SUBGRADE THEN EXPOSE AND CLEAN REINFORCING STEEL, CONNECT PROPOSED PAVING TO EXISTING PAVING WITH UNDERCUT, COMPLETE IN PLACE	LF	155	\$25.00	\$3,875.00	\$25.00	\$3,875.00	\$30.00	\$4,650.00
7.	REMOVE AND DISPOSE EXISTING CONCRETE PAVEMENT INCLUDING SUBGRADE AND CURB, COMPLETE IN PLACE	SY	358	\$25.00	\$8,950.00	\$3.75	\$1,342.50	\$15.00	\$5,370.00
8.	REMOVE AND DISPOSE EXISTING 6" CONCRETE CURB, COMPLETE IN PLACE	LF	1,565	\$25.00	\$39,125.00	\$3.75	\$5,868.75	\$3.00	\$4,695.00
9.	ROADWAY & LOT EXCAVATION, TO INCLUDE STRIPPING & PROOFROLLING, COMPLETE IN PLACE	CY	21,964	\$5.00	\$109,820.00	\$4.10	\$90,052.40	\$5.50	\$120,802.00
10.	ROADWAY, R.O.W. LOTS AND RESERVES FILL (IN PLACE), TO INCLUDE STRIPPING & PROOFROLLING, HAULING, PLACEMENT AND COMPACTION OF MATERIALS, COMPLETE IN PLACE	CY	21,964	\$5.00	\$109,820.00	\$2.00	\$43,928.00	\$1.50	\$32,946.00
11.	IMPORT FILL TO BE HAULED ONSITE TO BE COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH A MOISTURE CONTENT BETWEEN -1% AND 3%, LL < 30, PI BETWEEN 10 AND 20, COMPLETE IN PLACE	CY	16,521	\$7.50	\$123,907.50	\$16.85	\$278,378.85	\$19.00	\$313,899.00
12.	REMOVE & DISPOSE OF TYPE III BARRICADE, COMPLETE IN PLACE	EA	6	\$200.00	\$1,200.00	\$97.00	\$582.00	\$150.00	\$900.00
13.	4" PVC IRRIGATION SLEEVES, TO INCLUDE BEND, RISER AND 4" X 4" PAINTED MARKER, MEASURED IN PLAN VIEW, COMPLETE IN PLACE	LF	287	\$16.00	\$4,592.00	\$22.75	\$6,529.25	\$20.00	\$5,740.00
14.	6" PVC IRRIGATION SLEEVES, TO INCLUDE BEND, RISER AND 4" X 4" PAINTED MARKER, MEASURED IN PLAN VIEW, COMPLETE IN PLACE	LF	161	\$18.00	\$2,898.00	\$25.00	\$4,025.00	\$25.00	\$4,025.00
15.	CONNECT PROPOSED 10" CONCRETE PAVING TO EXISTING 10" PAVING HEADER, COMPLETE IN PLACE	LF	164	\$20.00	\$3,280.00	\$15.00	\$2,460.00	\$11.00	\$1,804.00
16.	HANDICAP RAMPS, PER DETAIL IN CONSTRUCTION PLANS, COMPLETE IN PLACE	EA	10	\$1,800.00	\$18,000.00	\$2,325.00	\$23,250.00	\$1,150.00	\$11,500.00
17.	TEMPORARY TRAFFIC CONTROL FOR CONNECTION TO KIRBY DRIVE, COMPLETE IN PLACE	LS	1	\$17,000.00	\$17,000.00	\$1,630.00	\$1,630.00	\$3,300.00	\$3,300.00
18.	CITY OF PEARLAND INSPECTION FEE, TO EQUAL 1% OF TOTAL PAVING CONSTRUCTION COST, COMPLETE IN PLACE	LS	1	\$23,840.00	\$23,840.00	\$17,747.00	\$17,747.00	\$19,080.00	\$19,080.00
19.	DUAL 12" HDPE CULVERT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	6	\$200.00	\$1,200.00	\$51.25	\$307.50	\$125.00	\$750.00
20.	6' REINFORCED CONCRETE SIDEWALK WITH 3" WIDE, PICTURE FRAME FINISH AND BROOM FINISH PERPENDICULAR TO THE DIRECTION OF TRAFFIC, COMPLETE IN PLACE	LF	5,504	\$30.00	\$165,120.00	\$15.70	\$86,412.80	\$38.00	\$209,152.00
21.	PROPOSED TYPE III BARRICADE, COMPLETE IN PLACE	EA	2	\$1,500.00	\$3,000.00	\$1,065.00	\$2,130.00	\$800.00	\$1,600.00
22.	COORDINATION WITH CETNERPOINT TO REMOVE AND RELOCATE TWO EXISTING LIGHT POLES, COMPLETE IN PLACE	LS	1	\$2,000.00	\$2,000.00	\$3,140.00	\$3,140.00	\$5,000.00	\$5,000.00
SUBTOTAL PAVING IMPROVEMENT ITEMS					\$1,805,065.50		\$1,792,514.55		\$1,946,877.00

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CONSTRUCTION OF THE WATER, SANITARY SEWER & DRAINAGE FACILITIES
 AND PAVING AND APPURTENANCES AND CONDUIT TO SERVE SOUTH SPECTRUM BOULEVARD
 AND PROPOSED SIGNALIZATION AT KIRBY DRIVE AND SOUTH SPECTRUM BOULEVARD
 LOWER KIRBY PEARLAND MANAGEMENT DISTRICT
 CITY OF PEARLAND, HARRIS COUNTY, TEXAS
 NOVEMBER 13, 2018
 LJA ENGINEERING, INC.
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ITEM DESCRIPTION	UNIT	QTY	1) DURWOOD GREENE CONSTRUCTION CO.		2) TRIPLE B SERVICES, LLP		3) ANGEL BROTHERS ENTERPRISES, LTD.		
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
CONDUIT ITEMS									
1. 2" PVC NEMA TC-2 SCHEDULE 40 PIPE FOR BACK OF CURB STREET LIGHT CONDUIT, TO INCLUDE WARNING TAPE, TO INCLUDE REQUIRED 24" RADIUS BENDS AT LIGHT LOCATIONS FOR PULL BOX, TO INCLUDE RISER WITH CAP 2' ABOVE FINAL GRADE, QUANTITY MEASURED IN PLAN VIEW, RISER AND BEND INCIDENTAL, DOES NOT INCLUDE INSTALLATION OF PULL BOX, TO INCLUDE NO. 14 ALUMINUM OR COPPER WIRE AND FIBER PULLING CORD OF AT LEAST 1200 POUND BREAKING STRENGTH, SEE PROVIDED SPECIFICATIONS, COMPLETE IN PLACE	LF	8,697	\$12.50	\$108,712.50	\$12.55	\$109,147.35	\$13.00	\$113,061.00	
2. 2" PVC NEMA TC-2 SCHEDULE 80 PIPE FOR STREET LIGHT CONDUIT PAVEMENT CROSSING, TO INCLUDE WARNING TAPE, TO INCLUDE REQUIRED 24" RADIUS BENDS AT LIGHT LOCATIONS FOR PULL BOX, TO INCLUDE RISER WITH CAP 2' ABOVE FINAL GRADE, QUANTITY MEASURED IN PLAN VIEW, RISER AND BEND INCIDENTAL, DOES NOT INCLUDE INSTALLATION OF PULL BOX, TO INCLUDE NO. 14 ALUMINUM OR COPPER WIRE AND FIBER PULLING CORD OF AT LEAST 1200 POUND BREAKING STRENGTH, SEE PROVIDED SPECIFICATIONS, COMPLETE IN PLACE	LF	1,443	\$17.00	\$24,531.00	\$15.00	\$21,645.00	\$18.00	\$25,974.00	
3. CENTERPOINT CONDUIT INSPECTION COORDINATION, COMPLETE IN PLACE	LS	1	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	
SUBTOTAL CONDUIT ITEMS				\$138,243.50		\$135,792.35		\$144,035.00	
STORM SEWER EXTENSION ITEMS									
1. 42" STORM SEWER, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	570	\$145.00	\$82,650.00	\$160.00	\$91,200.00	\$140.00	\$79,800.00	
2. 48" STORM SEWER, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	645	\$172.00	\$110,940.00	\$185.00	\$119,325.00	\$165.00	\$106,425.00	
3. 48" ASCP STORM SEWER, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	40	\$157.00	\$6,280.00	\$145.00	\$5,800.00	\$142.00	\$5,680.00	
4. TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$5,000.00	\$5,000.00	\$5,355.00	\$5,355.00	\$4,200.00	\$4,200.00	
5. TYPE "C" MANHOLE FOR 48" - 72" STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$5,000.00	\$15,000.00	\$5,950.00	\$17,850.00	\$6,100.00	\$18,300.00	
6. 48" STORM SEWER OUTFALL INCLUDING SLOPE PAVING, RE-DRESSING EXISTING POND SIDE SLOPE, CUT PIPE TO MATCH SIDE SLOPE, DOES NOT INCLUDE 48" ASCP, COMPLETE IN PLACE	LS	1	\$9,500.00	\$9,500.00	\$31,700.00	\$31,700.00	\$16,000.00	\$16,000.00	
7. REINFORCED FILTER FABRIC FENCE ALONG BOUNDARY (SILT BARRIER FENCING), TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	1,392	\$1.25	\$1,740.00	\$1.25	\$1,740.00	\$2.00	\$2,784.00	
8. INLET PROTECTION BARRIER (4 SAND BAGS PER INLET) FOR PROPOSED INLETS, COMPLETE IN PLACE	EA	2	\$100.00	\$200.00	\$125.50	\$251.00	\$50.00	\$100.00	
9. CONSTRUCT PROPOSED MANHOLE OVER / AROUND EXISTING 36" STORM SEWER. WHEN PROPOSED SYSTEM IS COMPLETED CONTRACTOR SHALL BREAK SEWER WITHIN MANHOLE, REMOVE PIPE AND INSTALL BRICK PLUG AT MANHOLE AND 8' X 8' BOX CULVERT WHERE SEWER WAS CONNECTED, TO INCLUDE BYPASS PUMPING AS NEEDED, DOES NOT INCLUDE MANHOLE, COMPLETE IN PLACE	EA	2	\$4,400.00	\$8,800.00	\$12,415.00	\$24,830.00	\$3,600.00	\$7,200.00	
SUBTOTAL STORM SEWER EXTENSION ITEMS				\$240,110.00		\$298,051.00		\$240,489.00	

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 LOWER KIRBY PEARLAND MANAGEMENT DISTRICT
 CITY OF PEARLAND, HARRIS COUNTY, TEXAS
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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
TRAFFIC SIGNAL ITEMS									
0416	DRILL SHAFT (TRF SIG POLE) (36 IN)	LF	15	\$360.00	\$5,400.00	\$410.00	\$6,150.00	\$365.00	\$5,475.00
6032									
0416	DRILL SHAFT (TRF SIG POLE) (48 IN)	LF	44	\$420.00	\$18,480.00	\$560.00	\$24,640.00	\$450.00	\$19,800.00
6034									
0500	MOBILIZATION	LS	1	\$27,000.00	\$27,000.00	\$6,275.00	\$6,275.00	\$200,000.00	\$200,000.00
6001									
0502	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	3	\$1,500.00	\$4,500.00	\$440.00	\$1,320.00	\$2,700.00	\$8,100.00
6001									
0531	CURB RAMPS (TY 1)	EA	2	\$2,500.00	\$5,000.00	\$3,010.00	\$6,020.00	\$1,150.00	\$2,300.00
6004									
0531	CURB RAMPS (TY 7)	EA	4	\$2,000.00	\$8,000.00	\$3,010.00	\$12,040.00	\$1,150.00	\$4,600.00
6010									
0618	CONDT (PVC) (SCH 80) (2")	LF	25	\$7.00	\$175.00	\$81.00	\$2,025.00	\$6.00	\$150.00
6046									
0618	CONDT (PVC) (SCH 80) (3")	LF	130	\$8.00	\$1,040.00	\$30.00	\$3,900.00	\$7.00	\$910.00
6053									
0618	CONDT (PVC) (SCH 80) (4")	LF	55	\$9.00	\$495.00	\$55.00	\$3,025.00	\$9.00	\$495.00
6058									
0618	CONDT (PVC) (SCH 80) (4") (BORE)	LF	320	\$15.00	\$4,800.00	\$25.10	\$8,032.00	\$15.00	\$4,800.00
6059									
0620	ELEC CONDR (NO. 4) BARE	LF	500	\$2.00	\$1,000.00	\$2.50	\$1,250.00	\$2.00	\$1,000.00
6011									
0620	ELEC CONDR (NO. 4) INSULATED	LF	50	\$2.00	\$100.00	\$2.50	\$125.00	\$2.00	\$100.00
6012									
0621	TRAY CABLE (4 CONDR) (12 AWG)	LF	1,104	\$2.50	\$2,760.00	\$2.75	\$3,036.00	\$2.50	\$2,760.00
6005									
0624	GROUND BOX TY A (122311) W/ APRON	EA	1	\$1,450.00	\$1,450.00	\$2,300.00	\$2,300.00	\$1,500.00	\$1,500.00
6002									
0624	GROUND BOX TY D (162922) W/ APRON	EA	7	\$1,550.00	\$10,850.00	\$1,380.00	\$9,660.00	\$1,600.00	\$11,200.00
6010									
0628	ELC SRV TY D 120/240 070 (NS) SS (E) PS (U)	EA	1	\$8,300.00	\$8,300.00	\$6,400.00	\$6,400.00	\$9,000.00	\$9,000.00
6187									
0644	IN SM RD SN SUP&AM TY10BWG (1) SA (P)	EA	2	\$1,000.00	\$2,000.00	\$525.00	\$1,050.00	\$460.00	\$920.00
6001									
0666	REFL PAV MRK TY I (W) 8" (SLD) (100MIL)	LF	400	\$2.00	\$800.00	\$1.25	\$500.00	\$1.00	\$400.00
6036									
0666	REFL PAV MRK TY I (W) 12" (SLD) (100MIL)	LF	521	\$5.00	\$2,605.00	\$2.50	\$1,302.50	\$5.00	\$2,605.00
6042									
0666	REFL PAV MRK TY I (W) 24" (SLD) (100MIL)	LF	128	\$10.00	\$1,280.00	\$5.35	\$684.80	\$12.00	\$1,536.00
6048									
0666	REFL PAV MRK TY I (W) (ARROW) (100MIL)	EA	5	\$200.00	\$1,000.00	\$123.00	\$615.00	\$115.00	\$575.00
6054									
0666	REFL PAV MRK TY I (W) (UTURN ARW) (100MIL)	EA	1	\$250.00	\$250.00	\$225.00	\$225.00	\$115.00	\$115.00
6063									
0666	REFL PAV MRK TY I (W) (WORD) (100 MIL)	EA	6	\$225.00	\$1,350.00	\$130.00	\$780.00	\$150.00	\$900.00
6078									
0666	PAVEMENT SEALER 4"	LF	250	\$0.50	\$125.00	\$0.10	\$25.00	\$3.00	\$750.00
6224									
0666	PAVEMENT SEALER 8"	LF	400	\$1.00	\$400.00	\$0.10	\$40.00	\$3.00	\$1,200.00
6226									
0666	PAVEMENT SEALER 12"	LF	521	\$4.00	\$2,084.00	\$0.20	\$104.20	\$6.00	\$3,126.00
6228									
0666	PAVEMENT SEALER 24"	LF	128	\$8.00	\$1,024.00	\$0.40	\$51.20	\$6.00	\$768.00
6230									
0666	PAVEMENT SEALER (ARROW)	EA	5	\$100.00	\$500.00	\$10.00	\$50.00	\$60.00	\$300.00
6231									
0666	PAVEMENT SEALER (WORD)	EA	6	\$120.00	\$720.00	\$10.00	\$60.00	\$60.00	\$360.00
6232									
0666	PAVEMENT SEALER (UTURN ARROW)	EA	1	\$110.00	\$110.00	\$25.10	\$25.10	\$60.00	\$60.00
6236									

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
0666	RE PM W/RET REQ TY I (W) 4" (BRK) (100MIL)	LF	250	\$2.00	\$500.00	\$2.50	\$625.00	\$0.60	\$150.00
6300									
0677	ELIM EXT PAV MRK & MRKS (4")	LF	60	\$10.00	\$600.00	\$0.50	\$30.00	\$1.00	\$60.00
6001									
0678	PAV SURF PREP FOR MRK (4")	LF	250	\$0.10	\$25.00	\$0.10	\$25.00	\$0.10	\$25.00
6001									
0678	PAV SURF PREP FOR MRK (8")	LF	400	\$0.20	\$80.00	\$0.10	\$40.00	\$0.15	\$60.00
6004									
0678	PAV SURF PREP FOR MRK (12")	LF	521	\$0.40	\$208.40	\$0.20	\$104.20	\$0.20	\$104.20
6006									
0678	PAV SURF PREP FOR MRK (24")	LF	128	\$0.80	\$102.40	\$0.35	\$44.80	\$0.50	\$64.00
6008									
0678	PAV SURF PREP FOR MRK (ARROW)	EA	5	\$20.00	\$100.00	\$10.00	\$50.00	\$12.00	\$60.00
6009									
0678	PAV SURF PREP FOR MRK (UTURN ARR)	EA	1	\$30.00	\$30.00	\$27.60	\$27.60	\$14.00	\$14.00
6012									
0678	PAV SURF PREP FOR MRK (WORD)	EA	6	\$25.00	\$150.00	\$10.00	\$60.00	\$17.00	\$102.00
6016									
0680	INSTALL HWY TRF SIG (SYSTEM)	EA	1	\$72,000.00	\$72,000.00	\$40,000.00	\$40,000.00	\$78,500.00	\$78,500.00
6003									
0682	VEH SIG SEC (12") LED (GRN)	EA	6	\$170.00	\$1,020.00	\$295.00	\$1,770.00	\$190.00	\$1,140.00
6001									
0682	VEH SIG SEC (12") LED (GRN ARW)	EA	1	\$170.00	\$170.00	\$295.00	\$295.00	\$190.00	\$190.00
6002									
0682	VEH SIG SEC (12") LED (YEL)	EA	6	\$170.00	\$1,020.00	\$295.00	\$1,770.00	\$190.00	\$1,140.00
6003									
0682	VEH SIG SEC (12") LED (YEL ARW)	EA	1	\$170.00	\$170.00	\$295.00	\$295.00	\$190.00	\$190.00
6004									
0682	VEH SIG SEC (12") LED (RED)	EA	6	\$170.00	\$1,020.00	\$295.00	\$1,770.00	\$190.00	\$1,140.00
6005									
0682	VEH SIG SEC (12") LED (RED ARW)	EA	1	\$170.00	\$170.00	\$295.00	\$295.00	\$190.00	\$190.00
6006									
0682	VEH SIG SEC (12") LED (GRN U-TURN ARW)	EA	1	\$170.00	\$170.00	\$340.00	\$340.00	\$190.00	\$190.00
6007									
0682	VEH SIG SEC (12") LED (YEL U-TURN ARW)	EA	1	\$170.00	\$170.00	\$340.00	\$340.00	\$190.00	\$190.00
6008									
0682	VEH SIG SEC (12") LED (RED U-TURN ARW)	EA	1	\$170.00	\$170.00	\$340.00	\$340.00	\$190.00	\$190.00
6009									
0682	PED SIG SEC (LED) (COUNTDOWN)	EA	6	\$500.00	\$3,000.00	\$615.00	\$3,690.00	\$500.00	\$3,000.00
6018									
0682	BACK PLATE (12") (3 SEC) ALUM (BLACK)	EA	7	\$100.00	\$700.00	\$156.00	\$1,092.00	\$100.00	\$700.00
6029									
0682	BACK PLATE (12") (4 SEC) ALUM (BLACK)	EA	1	\$120.00	\$120.00	\$190.00	\$190.00	\$120.00	\$120.00
6030									
0684	TRF SIG CBL (TY A) (14 AWG) (5 CONDR)	LF	910	\$2.00	\$1,820.00	\$2.40	\$2,184.00	\$2.00	\$1,820.00
6031									
0684	TRF SIG CBL (TY A) (14 AWG) (7 CONDR)	LF	1,193	\$2.50	\$2,982.50	\$2.70	\$3,221.10	\$2.50	\$2,982.50
6033									
0684	TRF SIG CLB (TY A) (16 AWG) (3 CONDR)	LF	1223	\$2.00	\$2,446.00	\$1.60	\$1,956.80	\$1.75	\$2,140.25
6049									
0684	TRF SIG CBL (TY C) (12 AWG) (2 CONDR)	LF	880	\$2.00	\$1,760.00	\$1.45	\$1,276.00	\$1.50	\$1,320.00
6079									
0686	INS TRF SIG PL AM(S) 1 ARM(44') LUM (ORNAMENTAL)	EA	1	\$32,000.00	\$32,000.00	\$29,750.00	\$29,750.00	\$34,000.00	\$34,000.00
6047									
0686	INS TRF SIG PL AM(S) 1 ARM(50') LUM (ORNAMENTAL)	EA	1	\$36,000.00	\$36,000.00	\$34,400.00	\$34,400.00	\$39,000.00	\$39,000.00
6055									
0686	INS TRF SIG PL AM(S) 1 ARM(55') LUM (ORNAMENTAL)	EA	1	\$38,000.00	\$38,000.00	\$30,000.00	\$30,000.00	\$35,000.00	\$35,000.00
6059									
0687	PED POLE ASSEMBLY (ORNAMENTAL)	EA	3	\$7,200.00	\$21,600.00	\$3,260.00	\$9,780.00	\$7,800.00	\$23,400.00
6001									
0688	PED DETECT PUSH BUTTON (APS)	EA	6	\$1,400.00	\$8,400.00	\$815.00	\$4,890.00	\$1,500.00	\$9,000.00
6001									

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CONSTRUCTION OF THE WATER, SANITARY SEWER & DRAINAGE FACILITIES
 AND PAVING AND APPURTENANCES AND CONDUIT TO SERVE SOUTH SPECTRUM BOULEVARD
 AND PROPOSED SIGNALIZATION AT KIRBY DRIVE AND SOUTH SPECTRUM BOULEVARD
 LOWER KIRBY PEARLAND MANAGEMENT DISTRICT
 CITY OF PEARLAND, HARRIS COUNTY, TEXAS
 NOVEMBER 13, 2018
 LJA ENGINEERING, INC.
 C. DURHAM
 NOVEMBER 13, 2018
 2209-1504 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) DURWOOD GREENE CONSTRUCTION CO.		2) TRIPLE B SERVICES, LLP		3) ANGEL BROTHERS ENTERPRISES, LTD.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
0688	PED DETECTOR CONTROLLER UNIT	EA	1	\$3,100.00	\$3,100.00	\$4,400.00	\$4,400.00	\$3,200.00	\$3,200.00
6003									
6001	PORTABLE CHANGEABLE MESSAGE SIGN	DAY	14	\$1,000.00	\$14,000.00	\$1,065.00	\$14,910.00	\$85.00	\$1,190.00
6001									
6002	VIVDS PROCESSOR SYSTEM	EA	1	\$8,100.00	\$8,100.00	\$9,040.00	\$9,040.00	\$8,700.00	\$8,700.00
6001									
6002	VIVDS CAMERA ASSEMBLY	EA	5	\$1,500.00	\$7,500.00	\$1,850.00	\$9,250.00	\$1,600.00	\$8,000.00
6002									
6002	VIVDS SET-UP SYSTEM	EA	1	\$750.00	\$750.00	\$4,015.00	\$4,015.00	\$700.00	\$700.00
6003									
6002	VIVDS COMMUNICATION CABLE (COAXIAL)	LF	1,223	\$3.00	\$3,669.00	\$3.10	\$3,791.30	\$3.00	\$3,669.00
6005									
6058	BBU SYSTEM (EXTERNAL BATT CABINET)	EA	1	\$6,900.00	\$6,900.00	\$8,785.00	\$8,785.00	\$7,500.00	\$7,500.00
6001									
50283	BASE STATION KIT FOR NEMA CABINET	EA	1	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00	\$5,800.00	\$5,800.00
2100									
50284	ACCESS POINT KIT FOR STOP BAR DETECTION	EA	1	\$5,600.00	\$5,600.00	\$5,000.00	\$5,000.00	\$6,000.00	\$6,000.00
2103									
50284	LIGHTNING SUPPRESSION, EIA-485	EA	1	\$1,200.00	\$1,200.00	\$700.00	\$700.00	\$1,100.00	\$1,100.00
6000									
50285	WIRELESS SENSOR	EA	1	\$28,000.00	\$28,000.00	\$26,100.00	\$26,100.00	\$30,000.00	\$30,000.00
2000									
50287	PANEL ANTENNA KIT	EA	2	\$1,450.00	\$2,900.00	\$2,385.00	\$4,770.00	\$1,500.00	\$3,000.00
2000									
8005	RF CABLE	EA	2	\$1,450.00	\$2,900.00	\$315.00	\$630.00	\$1,500.00	\$3,000.00
0301									
8005	RF SPLITTER, 900 MHZ	EA	1	\$300.00	\$300.00	\$140.00	\$140.00	\$300.00	\$300.00
0303									
8020	DUAL APPLICATOR	EA	1	\$700.00	\$700.00	\$250.00	\$250.00	\$650.00	\$650.00
0002									
9000	FABICK M-PP-450 EPOXY	EA	1	\$2,800.00	\$2,800.00	\$725.00	\$725.00	\$3,000.00	\$3,000.00
2000									
0931	AXIS P5624-E MK II PTZ NETWORK CAMERA	EA	1	\$6,550.00	\$6,550.00	\$8,025.00	\$8,025.00	\$7,000.00	\$7,000.00
001									
SUBTOTAL TRAFFIC SIGNAL ITEMS					\$440,671.30		\$378,293.60		\$614,795.95
BID SUMMARY									
SUBTOTAL WATER ITEMS					\$284,669.40		\$268,084.66		\$266,930.00
SUBTOTAL SANITARY SEWER ITEMS					\$313,259.25		\$257,990.15		\$292,430.00
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$1,414,974.85		\$1,539,316.08		\$1,276,392.00
SUBTOTAL PAVING IMPROVEMENT ITEMS					\$1,805,065.50		\$1,792,514.55		\$1,946,877.00
SUBTOTAL CONDUIT ITEMS					\$138,243.50		\$135,792.35		\$144,035.00
SUBTOTAL STORM SEWER EXTENSION ITEMS					\$240,110.00		\$298,051.00		\$240,489.00
SUBTOTAL TRAFFIC SIGNAL ITEMS					\$440,671.30		\$378,293.60		\$614,795.95
TOTAL AMOUNT BID					\$4,636,993.80		\$4,670,042.39		\$4,781,948.95

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CONSTRUCTION OF THE WATER, SANITARY SEWER & DRAINAGE FACILITIES AND PAVING AND APPURTENANCES AND CONDUIT TO SERVE SOUTH SPECTRUM BOULEVARD AND PROPOSED SIGNALIZATION AT KIRBY DRIVE AND SOUTH SPECTRUM BOULEVARD LOWER KIRBY PEARLAND MANAGEMENT DISTRICT CITY OF PEARLAND, HARRIS COUNTY, TEXAS
 NOVEMBER 13, 2018
 LJA ENGINEERING, INC.
 C. DURHAM
 NOVEMBER 13, 2018
 2209-1504 (9.2)

BID OPENING DATE:
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ITEM	DESCRIPTION	UNIT	QTY	4) UNITAS CONSTRUCTION, INC.		5) TOTAL CONTRACTING LIMITED	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER ITEMS							
1.	8" PVC WATER PIPE, AWWA C-900, DR 18, TO INCLUDE ALL FITTINGS, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	208	\$45.00	\$9,360.00	\$125.00	\$26,000.00
2.	12" PVC WATER LINE, AWWA C-900, DR 18, TO INCLUDE ALL FITTINGS, ALL DEPTHS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2,733	\$50.00	\$136,650.00	\$150.00	\$409,950.00
3.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2,836	\$1.00	\$2,836.00	\$1.00	\$2,836.00
4.	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, 6" GATE VALVE & BOX, 6" LEAD AND FIRE HYDRANT AND TRENCH SAFETY, COMPLETE IN PLACE	EA	9	\$8,000.00	\$72,000.00	\$5,500.00	\$49,500.00
5.	FIRE HYDRANT UNIT, ALL DEPTHS, INCLUDES 8" GATE VALVE & BOX AND FIRE HYDRANT AND TRENCH SAFETY, COMPLETE IN PLACE	EA	2	\$10,000.00	\$20,000.00	\$6,000.00	\$12,000.00
6.	TRENCHLESS CONSTRUCTION OF 12" PVC WATER PIPE, ALL DEPTHS WITH 20" STEEL CASING, TO INCLUDE SPACERS AND ENDCAPS, BORE PITS, BEDDING AND BACKFILL OF BORE PITS, DOES NOT INCLUDE PIPE, COMPLETE IN PLACE	LF	105	\$400.00	\$42,000.00	\$500.00	\$52,500.00
7.	REMOVE AND DISPOSE OF EXISTING 12" PVC WATERLINE, COMPLETE IN PLACE	LF	43	\$20.00	\$860.00	\$10.00	\$430.00
8.	REMOVE AND DISPOSE OF EXISTING 12" GATE VALVE AND BOX, COMPLETE IN PLACE	EA	1	\$150.00	\$150.00	\$250.00	\$250.00
9.	EXTRA CAST IRON FITTINGS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	TON	2	\$3,000.00	\$6,000.00	\$3,000.00	\$6,000.00
10.	UTILITY SPOIL TO BE HAULED, SPREAD, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	858	\$4.00	\$3,432.00	\$25.00	\$21,450.00
11.	8" AWWA GATE VALVE AND BOX, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	2	\$1,400.00	\$2,800.00	\$4,000.00	\$8,000.00
12.	12" AWWA GATE VALVE AND BOX, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	6	\$2,300.00	\$13,800.00	\$6,000.00	\$36,000.00
13.	20" AWWA GATE VALVE AND BOX, AND ADJUSTMENTS AS NECESSARY, COMPLETE IN PLACE	EA	1	\$15,000.00	\$15,000.00	\$20,000.00	\$20,000.00
14.	20" x 12" TAPPING SLEEVE & VALVE, COMPLETE IN PLACE	EA	1	\$7,000.00	\$7,000.00	\$15,000.00	\$15,000.00
15.	REMOVE EXISTING 12" PLUG AND CLAMP AND CONNECT PROPOSED 12" WATERLINE TO EXISTING 12" WATERLINE, COMPLETE IN PLACE	EA	1	\$250.00	\$250.00	\$1,500.00	\$1,500.00
SUBTOTAL WATER ITEMS					\$332,138.00		\$661,416.00

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 AND PAVING AND APPURTENANCES AND CONDUIT TO SERVE SOUTH SPECTRUM BOULEVARD
 AND PROPOSED SIGNALIZATION AT KIRBY DRIVE AND SOUTH SPECTRUM BOULEVARD
 LOWER KIRBY PEARLAND MANAGEMENT DISTRICT
 CITY OF PEARLAND, HARRIS COUNTY, TEXAS
 NOVEMBER 13, 2018
 LJA ENGINEERING, INC.
 C. DURHAM
 NOVEMBER 13, 2018
 2209-1504 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) UNITAS CONSTRUCTION, INC.		5) TOTAL CONTRACTING LIMITED	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
SANITARY SEWER ITEMS							
1.	10" PVC SEWER PIPE, ASTM D-3034, SDR 26, 0' - 12' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	75	\$46.00	\$3,450.00	\$150.00	\$11,250.00
2.	12" PVC SEWER PIPE, ASTM D-3034, SDR 26, 0' - 12' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,019	\$53.00	\$54,007.00	\$200.00	\$203,800.00
3.	12" PVC SEWER PIPE, ASTM D-3034, SDR 26, 12' - 16' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	40	\$68.00	\$2,720.00	\$200.00	\$8,000.00
4.	12" PVC SEWER PIPE, ASTM D-3034, SDR 26, 16' - 20' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,066	\$70.00	\$74,620.00	\$200.00	\$213,200.00
5.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2,175	\$2.00	\$4,350.00	\$1.00	\$2,175.00
6.	STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, (8' DEPTH), TO INCLUDE INTERNAL COATING, COMPLETE IN PLACE	EA	10	\$3,200.00	\$32,000.00	\$6,000.00	\$60,000.00
7.	INSTALL STANDARD SANITARY SEWER MANHOLE ON TOP OF EXISTING 30" SANITARY SEWER AND CONNECT PROPOSED 12" SANITARY SEWER, TO INCLUDE TEMPORARY PLUG AND BYPASS PUMPING, DOES NOT INCLUDE MANHOLE, COMPLETE IN PLACE	LS	1	\$4,100.00	\$4,100.00	\$75,000.00	\$75,000.00
8.	ADDITIONAL COST FOR SANITARY SEWER BEDDING & BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES & DEPTHS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1,100	\$20.00	\$22,000.00	\$15.00	\$16,500.00
9.	DEWATERING, ALL SIZES & DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1,100	\$25.00	\$27,500.00	\$25.00	\$27,500.00
10.	EXTRA CEMENT STABILIZED SAND, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$20.00	\$1,000.00	\$35.00	\$1,750.00
11.	TRENCHLESS CONSTRUCTION OF 12" PVC SANITARY SEWER PIPE, DOES NOT INCLUDE PIPE, COMPLETE IN PLACE	LF	25	\$400.00	\$10,000.00	\$350.00	\$8,750.00
12.	UTILITY SPOIL TO BE HAULED, SPREAD, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	622	\$4.00	\$2,488.00	\$25.00	\$15,550.00
13.	SANITARY MANHOLE, EXTRA DEPTH, GREATER THAN 8', TO INCLUDE INTERNAL COATING, COMPLETE IN PLACE	VF	52	\$600.00	\$31,200.00	\$400.00	\$20,800.00
14.	TV TESTING OF SANITARY SEWER, TO INCLUDE CLEANING AND DESILTING AS NECESSARY, COMPLETE IN PLACE	LF	2,200	\$5.00	\$11,000.00	\$5.00	\$11,000.00
15.	REMOVE AND DISPOSE OF EXISTING SANITARY SEWER PLUG AND CONNECT PROPOSED 10" SANITARY SEWER TO EXISTING 10" SANITARY SEWER	EA	1	\$4,000.00	\$4,000.00	\$2,500.00	\$2,500.00
SUBTOTAL SANITARY SEWER ITEMS					\$284,435.00		\$677,775.00
DRAINAGE FACILITIES ITEMS							
1.	18" STORM SEWER, ALL CUTS, TO INCLUDE BEDDING & BACKFILL, COMPLETE IN PLACE	LF	55	\$100.00	\$5,500.00	\$125.00	\$6,875.00
2.	24" STORM SEWER, ALL CUTS, TO INCLUDE BEDDING & BACKFILL, COMPLETE IN PLACE	LF	276	\$117.00	\$32,292.00	\$150.00	\$41,400.00
3.	30" STORM SEWER, ALL CUTS, TO INCLUDE BEDDING & BACKFILL, COMPLETE IN PLACE	LF	831	\$120.00	\$99,720.00	\$200.00	\$166,200.00

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 AND PROPOSED SIGNALIZATION AT KIRBY DRIVE AND SOUTH SPECTRUM BOULEVARD
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ITEM	DESCRIPTION	UNIT	QTY	4) UNITAS CONSTRUCTION, INC.		5) TOTAL CONTRACTING LIMITED	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4.	36" STORM SEWER, ALL CUTS, TO INCLUDE BEDDING & BACKFILL, COMPLETE IN PLACE	LF	101	\$130.00	\$13,130.00	\$250.00	\$25,250.00
5.	36" ASCP STORM SEWER, ALL CUTS, TO INCLUDE BEDDING & BACKFILL, COMPLETE IN PLACE	LF	78	\$140.00	\$10,920.00	\$500.00	\$39,000.00
6.	8' X 8' RCB STORM SEWER, ALL CUTS, TO INCLUDE BEDDING & BACKFILL, COMPLETE IN PLACE	LF	366	\$670.00	\$245,220.00	\$850.00	\$311,100.00
7.	10' X 10' RCB STORM SEWER, ALL CUTS, TO INCLUDE BEDDING & BACKFILL, COMPLETE IN PLACE	LF	375	\$1,000.00	\$375,000.00	\$1,150.00	\$431,250.00
8.	TRENCH SAFETY SYSTEM, ALL DEPTHS, COMPLETE IN PLACE	LF	2,064	\$2.00	\$4,128.00	\$1.00	\$2,064.00
9.	STAGE I - STANDARD 10' INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	4	\$2,600.00	\$10,400.00	\$2,500.00	\$10,000.00
10.	STAGE II - STANDARD 10' INLET, COMPLETE IN PLACE	EA	4	\$2,600.00	\$10,400.00	\$5,000.00	\$20,000.00
11.	TYPE "E" INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE, COMPLETE IN PLACE	EA	9	\$4,200.00	\$37,800.00	\$3,000.00	\$27,000.00
12.	STAGE I - STANDARD (TYPE "C") INLET, ALL DEPTHS, INCLUDES TEMPORARY SILT BARRIER FENCE FOR STAGE I INLETS, COMPLETE IN PLACE	EA	6	\$3,000.00	\$18,000.00	\$2,500.00	\$15,000.00
13.	STAGE II - STANDARD (TYPE "C") INLET, COMPLETE IN PLACE	EA	6	\$2,000.00	\$12,000.00	\$5,000.00	\$30,000.00
14.	5" THICK REINFORCED CONCRETE PILOT CHANNEL, 6' WIDE, COMPLETE IN PLACE	LF	290	\$70.00	\$20,300.00	\$75.00	\$21,750.00
15.	EXISTING OVERFLOW SWALE TO BE DEMUCKED AND FILLED, COMPLETE IN PLACE	LF	140	\$10.00	\$1,400.00	\$15.00	\$2,100.00
16.	EXISTING ROADSIDE DITCH TO BE REGRADED, COMPLETE IN PLACE	LF	321	\$7.00	\$2,247.00	\$15.00	\$4,815.00
17.	TYPE "C" MANHOLE FOR 42" STORM SEWER & SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	6	\$4,500.00	\$27,000.00	\$5,000.00	\$30,000.00
18.	EXISTING MANHOLE TOP TO BE REMOVED AND REPLACED WITH ECCENTRIC CONE TO REMOVE MANHOLE RIM FROM PROPOSED CURB, COMPLETE IN PLACE	EA	1	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00
19.	26' X 26' JUNCTION BOX WITH TYPE 'C' MANHOLE TOP, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$150,000.00	\$150,000.00	\$50,000.00	\$50,000.00
20.	ADDITIONAL COST FOR STORM SEWER BEDDING & BACKFILL FOR UNSATISFACTORY SOIL CONDITIONS, ALL SIZES AND DEPTHS (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1,032	\$15.00	\$15,480.00	\$15.00	\$15,480.00
21.	36" STORM SEWER OUTFALL INCLUDING SLOPE PAVING, RE-DRESSING EXISTING POND SIDE SLOPE, CUT PIPE TO MATCH SIDE SLOPE, DOES NOT INCLUDE 36" ASCP, COMPLETE IN PLACE	LS	1	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00
22.	DEWATERING, ALL SIZES & DEPTHS, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	LF	1,032	\$25.00	\$25,800.00	\$25.00	\$25,800.00
23.	UTILITY SPOIL TO BE HAULED, SPREAD, AND COMPACTED TO 95% STANDARD PROCTOR DENSITY (WITHIN PROJECT LIMITS), COMPLETE IN PLACE	CY	4,390	\$4.00	\$17,560.00	\$25.00	\$109,750.00
24.	EXTRA CEMENT STABILIZED SAND, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	CY	50	\$35.00	\$1,750.00	\$35.00	\$1,750.00

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ITEM	DESCRIPTION	UNIT	QTY	4) UNITAS CONSTRUCTION, INC.		5) TOTAL CONTRACTING LIMITED	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
25.	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE INCLUDING MAINTAINING EXISTING FILTER FABRIC FENCE AND STABILIZED CONSTRUCTION EXIT, COMPLETE IN PLACE	LS	1	\$2,500.00	\$2,500.00	\$15,000.00	\$15,000.00
26.	STABILIZED CONSTRUCTION EXIT AT LOCATIONS SHOWN ON PLANS, INSTALLATION AND REMOVAL, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$1,200.00	\$1,200.00	\$5,000.00	\$5,000.00
27.	INLET PROTECTION BARRIER (4 SAND BAGS PER INLET) FOR PROPOSED INLETS, COMPLETE IN PLACE	EA	19	\$100.00	\$1,900.00	\$300.00	\$5,700.00
28.	STAGE II INLET PROTECTION BARRIER (4 SAND BAGS PER INLET) FOR EXISTING INLETS, COMPLETE IN PLACE	EA	9	\$100.00	\$900.00	\$250.00	\$2,250.00
29.	CONTRACTOR TO REMOVE EXISTING 8" BRICK PLUG AND CONNECT PROPOSED 24" STORM SEWER TO EXISTING STORM SEWER, COMPLETE IN PLACE	EA	4	\$500.00	\$2,000.00	\$2,500.00	\$10,000.00
30.	ROCK FILTER DAM, TO INCLUDE INSTALLATION AND REMOVAL, (TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER), COMPLETE IN PLACE	EA	1	\$1,200.00	\$1,200.00	\$25,000.00	\$25,000.00
31.	REINFORCED FILTER FABRIC FENCE ALONG BOUNDARY (SILT BARRIER FENCING), TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	11,817	\$1.25	\$14,771.25	\$1.25	\$14,771.25
32.	CONCRETE TRUCK WASHOUT, TO INCLUDE INSTALLATION, MAINTENANCE AND REMOVAL, COMPLETE IN PLACE	EA	1	\$500.00	\$500.00	\$5,000.00	\$5,000.00
33.	HYDROMULCH SEEDING OF R.O.W. AND MEDIANS, (TO BE USED ONLY AS DIRECTED BY THE ENGINEER), COMPLETE IN PLACE	AC	3.2	\$1,300.00	\$4,160.00	\$2,000.00	\$6,400.00
34.	ADJUST MANHOLE TOP TO FINISHED GRADE, COMPLETE IN PLACE	EA	3	\$500.00	\$1,500.00	\$250.00	\$750.00
35.	CITY OF PEARLAND INSPECTION FEE, TO EQUAL 1% OF TOTAL CONSTRUCTION COSTS OF WATER, SANITARY SEWER, AND DRAINAGE FACILITIES, COMPLETE IN PLACE	LS	1	\$18,500.00	\$18,500.00	\$30,000.00	\$30,000.00
36.	GRASS-LINED OVERFLOW SWALE AT 0.1% SLOPE WITH 4:1 SIDE SLOPES, TO INCLUDE SEEDING, WATERING, AND FERTILIZATION, COMPLETE IN PLACE	LF	4,030	\$6.00	\$24,180.00	\$6.00	\$24,180.00
37.	EXISTING POND TO BE DEMUCKED AND FILLED, INCLUDING RESHAPING HIGH BANK AND SIDE SLOPES AT 4:1, USING SLOPE RECONSTRUCTION RECOMMENDATIONS ON SHEET 10, COMPLETE IN PLACE	CY	2,227	\$9.00	\$20,043.00	\$15.00	\$33,405.00
38.	CONCRETE HEADWALL WITH PARALLEL WINGWALLS PER PW-1 DETAIL ON SHEET 30, TO INCLUDE GALVANIZED LINTELS, TO E WALL, BRICK TIES, AND CONCRETE MASONRY UNITS, PER SHEET 30A, COMPLETE IN PLACE	EA	2	\$105,000.00	\$210,000.00	\$50,000.00	\$100,000.00
39.	EXISTING HEADWALL TO BE REMOVED AND DISPOSED, COMPLETE IN PLACE	EA	1	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$1,496,901.25	\$1,724,040.25	
PAVING IMPROVEMENT ITEMS							
1.	10" REINFORCED CONCRETE PAVEMENT, INCLUDING REINFORCED CONCRETE CURB, COMPLETE IN PLACE	SY	16,538	\$60.00	\$992,280.00	\$65.00	\$1,074,970.00
2.	8" LIME STABILIZED SUB-GRADE (MANIPULATION), COMPLETE IN PLACE	SY	17,703	\$3.00	\$53,109.00	\$5.00	\$88,515.00
3.	HYDRATED LIME FOR 8" STABILIZED SUB-GRADE (35 LBS/SY) AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY GEOTECH ENGINEER, COMPLETE IN PLACE	TON	310	\$175.00	\$54,250.00	\$175.00	\$54,250.00

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 AND PAVING AND APPURTENANCES AND CONDUIT TO SERVE SOUTH SPECTRUM BOULEVARD
 AND PROPOSED SIGNALIZATION AT KIRBY DRIVE AND SOUTH SPECTRUM BOULEVARD
 LOWER KIRBY PEARLAND MANAGEMENT DISTRICT
 CITY OF PEARLAND, HARRIS COUNTY, TEXAS
 NOVEMBER 13, 2018
 LJA ENGINEERING, INC.
 C. DURHAM
 NOVEMBER 13, 2018
 2209-1504 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) UNITAS CONSTRUCTION, INC.		5) TOTAL CONTRACTING LIMITED	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4.	PERMANENT TRAFFIC CONTROL DEVICES (INCLUDING TRAFFIC BUTTONS, PAVEMENT STRIPING), COMPLETE IN PLACE	LS	1	\$4,500.00	\$4,500.00	\$100,000.00	\$100,000.00
5.	PERMANENT TRAFFIC CONTROL SIGNS, INCLUDING STOP SIGNS WITH STREET NAMES, DIRECTIONAL SIGNS WITH SUPPLEMENTS, ETC., COMPLETE IN PLACE	EA	8	\$280.00	\$2,240.00	\$500.00	\$4,000.00
6.	2' WIDE SAW CUT, CONTRACTOR TO REMOVE CONCRETE, CURB & SUBGRADE THEN EXPOSE AND CLEAN REINFORCING STEEL, CONNECT PROPOSED PAVING TO EXISTING PAVING WITH UNDERCUT, COMPLETE IN PLACE	LF	155	\$25.00	\$3,875.00	\$15.00	\$2,325.00
7.	REMOVE AND DISPOSE EXISTING CONCRETE PAVEMENT INCLUDING SUBGRADE AND CURB, COMPLETE IN PLACE	SY	358	\$12.00	\$4,296.00	\$5.00	\$1,790.00
8.	REMOVE AND DISPOSE EXISTING 6" CONCRETE CURB, COMPLETE IN PLACE	LF	1,565	\$0.50	\$782.50	\$3.00	\$4,695.00
9.	ROADWAY & LOT EXCAVATION, TO INCLUDE STRIPPING & PROOFROLLING, COMPLETE IN PLACE	CY	21,964	\$4.00	\$87,856.00	\$15.00	\$329,460.00
10.	ROADWAY, R.O.W. LOTS AND RESERVES FILL (IN PLACE), TO INCLUDE STRIPPING & PROOFROLLING, HAULING, PLACEMENT AND COMPACTION OF MATERIALS, COMPLETE IN PLACE	CY	21,964	\$4.00	\$87,856.00	\$15.00	\$329,460.00
11.	IMPORT FILL TO BE HAULED ONSITE TO BE COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH A MOISTURE CONTENT BETWEEN -1% AND 3%, LL < 30, PI BETWEEN 10 AND 20, COMPLETE IN PLACE	CY	16,521	\$20.00	\$330,420.00	\$15.00	\$247,815.00
12.	REMOVE & DISPOSE OF TYPE III BARRICADE, COMPLETE IN PLACE	EA	6	\$50.00	\$300.00	\$250.00	\$1,500.00
13.	4" PVC IRRIGATION SLEEVES, TO INCLUDE BEND, RISER AND 4" X 4" PAINTED MARKER, MEASURED IN PLAN VIEW, COMPLETE IN PLACE	LF	287	\$25.00	\$7,175.00	\$50.00	\$14,350.00
14.	6" PVC IRRIGATION SLEEVES, TO INCLUDE BEND, RISER AND 4" X 4" PAINTED MARKER, MEASURED IN PLAN VIEW, COMPLETE IN PLACE	LF	161	\$30.00	\$4,830.00	\$50.00	\$8,050.00
15.	CONNECT PROPOSED 10" CONCRETE PAVING TO EXISTING 10" PAVING HEADER, COMPLETE IN PLACE	LF	164	\$25.00	\$4,100.00	\$50.00	\$8,200.00
16.	HANDICAP RAMPS, PER DETAIL IN CONSTRUCTION PLANS, COMPLETE IN PLACE	EA	10	\$2,000.00	\$20,000.00	\$2,000.00	\$20,000.00
17.	TEMPORARY TRAFFIC CONTROL FOR CONNECTION TO KIRBY DRIVE, COMPLETE IN PLACE	LS	1	\$3,000.00	\$3,000.00	\$15,000.00	\$15,000.00
18.	CITY OF PEARLAND INSPECTION FEE, TO EQUAL 1% OF TOTAL PAVING CONSTRUCTION COST, COMPLETE IN PLACE	LS	1	\$18,500.00	\$18,500.00	\$25,000.00	\$25,000.00
19.	DUAL 12" HDPE CULVERT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	6	\$200.00	\$1,200.00	\$200.00	\$1,200.00
20.	6" REINFORCED CONCRETE SIDEWALK WITH 3" WIDE, PICTURE FRAME FINISH AND BROOM FINISH PERPENDICULAR TO THE DIRECTION OF TRAFFIC, COMPLETE IN PLACE	LF	5,504	\$32.00	\$176,128.00	\$30.00	\$165,120.00
21.	PROPOSED TYPE III BARRICADE, COMPLETE IN PLACE	EA	2	\$1,000.00	\$2,000.00	\$500.00	\$1,000.00
22.	COORDINATION WITH CETNERPOINT TO REMOVE AND RELOCATE TWO EXISTING LIGHT POLES, COMPLETE IN PLACE	LS	1	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00
SUBTOTAL PAVING IMPROVEMENT ITEMS					\$1,863,697.50		\$2,506,700.00

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ITEM DESCRIPTION	UNIT	QTY	4) UNITAS CONSTRUCTION, INC.		5) TOTAL CONTRACTING LIMITED	
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
CONDUIT ITEMS						
1. 2" PVC NEMA TC-2 SCHEDULE 40 PIPE FOR BACK OF CURB STREET LIGHT CONDUIT, TO INCLUDE WARNING TAPE, TO INCLUDE REQUIRED 24" RADIUS BENDS AT LIGHT LOCATIONS FOR PULL BOX, TO INCLUDE RISER WITH CAP 2' ABOVE FINAL GRADE, QUANTITY MEASURED IN PLAN VIEW, RISER AND BEND INCIDENTAL, DOES NOT INCLUDE INSTALLATION OF PULL BOX, TO INCLUDE NO. 14 ALUMINUM OR COPPER WIRE AND FIBER PULLING CORD OF AT LEAST 1200 POUND BREAKING STRENGTH, SEE PROVIDED SPECIFICATIONS, COMPLETE IN PLACE	LF	8,697	\$11.50	\$100,015.50	\$10.50	\$91,318.50
2. 2" PVC NEMA TC-2 SCHEDULE 80 PIPE FOR STREET LIGHT CONDUIT PAVEMENT CROSSING, TO INCLUDE WARNING TAPE, TO INCLUDE REQUIRED 24" RADIUS BENDS AT LIGHT LOCATIONS FOR PULL BOX, TO INCLUDE RISER WITH CAP 2' ABOVE FINAL GRADE, QUANTITY MEASURED IN PLAN VIEW, RISER AND BEND INCIDENTAL, DOES NOT INCLUDE INSTALLATION OF PULL BOX, TO INCLUDE NO. 14 ALUMINUM OR COPPER WIRE AND FIBER PULLING CORD OF AT LEAST 1200 POUND BREAKING STRENGTH, SEE PROVIDED SPECIFICATIONS, COMPLETE IN PLACE	LF	1,443	\$13.75	\$19,841.25	\$11.50	\$16,594.50
3. CENTERPOINT CONDUIT INSPECTION COORDINATION, COMPLETE IN PLACE	LS	1	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
SUBTOTAL CONDUIT ITEMS				\$124,856.75		\$112,913.00
STORM SEWER EXTENSION ITEMS						
1. 42" STORM SEWER, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	570	\$220.00	\$125,400.00	\$300.00	\$171,000.00
2. 48" STORM SEWER, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	645	\$250.00	\$161,250.00	\$350.00	\$225,750.00
3. 48" ASCP STORM SEWER, ALL CUTS, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	40	\$210.00	\$8,400.00	\$500.00	\$20,000.00
4. TYPE "C" MANHOLE FOR 42" STORM SEWER AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$4,500.00	\$4,500.00	\$6,000.00	\$6,000.00
5. TYPE "C" MANHOLE FOR 48" - 72" STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$7,000.00	\$21,000.00	\$7,000.00	\$21,000.00
6. 48" STORM SEWER OUTFALL INCLUDING SLOPE PAVING, RE-DRESSING EXISTING POND SIDE SLOPE, CUT PIPE TO MATCH SIDE SLOPE, DOES NOT INCLUDE 48" ASCP, COMPLETE IN PLACE	LS	1	\$50,000.00	\$50,000.00	\$15,000.00	\$15,000.00
7. REINFORCED FILTER FABRIC FENCE ALONG BOUNDARY (SILT BARRIER FENCING), TO BE USED ONLY AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	1,392	\$1.25	\$1,740.00	\$1.25	\$1,740.00
8. INLET PROTECTION BARRIER (4 SAND BAGS PER INLET) FOR PROPOSED INLETS, COMPLETE IN PLACE	EA	2	\$100.00	\$200.00	\$250.00	\$500.00
9. CONSTRUCT PROPOSED MANHOLE OVER / AROUND EXISTING 36" STORM SEWER. WHEN PROPOSED SYSTEM IS COMPLETED CONTRACTOR SHALL BREAK SEWER WITHIN MANHOLE, REMOVE PIPE AND INSTALL BRICK PLUG AT MANHOLE AND 8' X 8' BOX CULVERT WHERE SEWER WAS CONNECTED, TO INCLUDE BYPASS PUMPING AS NEEDED, DOES NOT INCLUDE MANHOLE, COMPLETE IN PLACE	EA	2	\$5,500.00	\$11,000.00	\$15,000.00	\$30,000.00
SUBTOTAL STORM SEWER EXTENSION ITEMS				\$383,490.00		\$490,990.00

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 C. DURHAM
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ITEM	DESCRIPTION	UNIT	QTY	4) UNITAS CONSTRUCTION, INC.		5) TOTAL CONTRACTING LIMITED	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
TRAFFIC SIGNAL ITEMS							
0416 6032	DRILL SHAFT (TRF SIG POLE) (36 IN)	LF	15	\$350.00	\$5,250.00	\$350.00	\$5,250.00
0416 6034	DRILL SHAFT (TRF SIG POLE) (48 IN)	LF	44	\$500.00	\$22,000.00	\$425.00	\$18,700.00
0500 6001	MOBILIZATION	LS	1	\$352,834.90	\$352,834.90	\$150,000.00	\$150,000.00
0502 6001	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	3	\$500.00	\$1,500.00	\$15,000.00	\$45,000.00
0531 6004	CURB RAMPS (TY 1)	EA	2	\$1,750.00	\$3,500.00	\$2,000.00	\$4,000.00
0531 6010	CURB RAMPS (TY 7)	EA	4	\$2,500.00	\$10,000.00	\$2,000.00	\$8,000.00
0618 6046	CONDT (PVC) (SCH 80) (2")	LF	25	\$70.00	\$1,750.00	\$15.00	\$375.00
0618 6053	CONDT (PVC) (SCH 80) (3")	LF	130	\$26.00	\$3,380.00	\$22.00	\$2,860.00
0618 6058	CONDT (PVC) (SCH 80) (4")	LF	55	\$50.00	\$2,750.00	\$32.00	\$1,760.00
0618 6059	CONDT (PVC) (SCH 80) (4") (BORE)	LF	320	\$23.00	\$7,360.00	\$36.00	\$11,520.00
0620 6011	ELEC CONDR (NO. 4) BARE	LF	500	\$3.00	\$1,500.00	\$1.90	\$950.00
0620 6012	ELEC CONDR (NO. 4) INSULATED	LF	50	\$3.00	\$150.00	\$2.25	\$112.50
0621 6005	TRAY CABLE (4 CONDR) (12 AWG)	LF	1,104	\$3.00	\$3,312.00	\$2.35	\$2,594.40
0624 6002	GROUND BOX TY A (122311) W/ APRON	EA	1	\$2,000.00	\$2,000.00	\$1,100.00	\$1,100.00
0624 6010	GROUND BOX TY D (162922) W/ APRON	EA	7	\$1,200.00	\$8,400.00	\$1,250.00	\$8,750.00
0628 6187	ELC SRV TY D 120/240 070 (NS) SS (E) PS (U)	EA	1	\$5,500.00	\$5,500.00	\$6,500.00	\$6,500.00
0644 6001	IN SM RD SN SUP&AM TY10BWG (1) SA (P)	EA	2	\$450.00	\$900.00	\$700.00	\$1,400.00
0666 6036	REFL PAV MRK TY I (W) 8" (SLD) (100MIL)	LF	400	\$2.00	\$800.00	\$3.00	\$1,200.00
0666 6042	REFL PAV MRK TY I (W) 12" (SLD) (100MIL)	LF	521	\$3.00	\$1,563.00	\$4.00	\$2,084.00
0666 6048	REFL PAV MRK TY I (W) 24" (SLD) (100MIL)	LF	128	\$5.00	\$640.00	\$10.00	\$1,280.00
0666 6054	REFL PAV MRK TY I (W) (ARROW) (100MIL)	EA	5	\$140.00	\$700.00	\$250.00	\$1,250.00
0666 6063	REFL PAV MRK TY I (W) (UTURN ARW) (100MIL)	EA	1	\$160.00	\$160.00	\$250.00	\$250.00
0666 6078	REFL PAV MRK TY I (W) (WORD) (100 MIL)	EA	6	\$160.00	\$960.00	\$250.00	\$1,500.00
0666 6224	PAVEMENT SEALER 4"	LF	250	\$0.10	\$25.00	\$1.00	\$250.00
0666 6226	PAVEMENT SEALER 8"	LF	400	\$0.10	\$40.00	\$1.00	\$400.00
0666 6228	PAVEMENT SEALER 12"	LF	521	\$0.60	\$312.60	\$1.00	\$521.00
0666 6230	PAVEMENT SEALER 24"	LF	128	\$1.20	\$153.60	\$1.00	\$128.00
0666 6231	PAVEMENT SEALER (ARROW)	EA	5	\$17.00	\$85.00	\$10.00	\$50.00
0666 6232	PAVEMENT SEALER (WORD)	EA	6	\$17.00	\$102.00	\$15.00	\$90.00
0666 6236	PAVEMENT SEALER (UTURN ARROW)	EA	1	\$28.00	\$28.00	\$15.00	\$15.00

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0666	RE PM W/RET REQ TY I (W) 4" (BRK) (100MIL)	LF	250	\$1.00	\$250.00	\$15.00	\$3,750.00
6300							
0677	ELIM EXT PAV MRK & MRKS (4")	LF	60	\$2.00	\$120.00	\$1.00	\$60.00
6001							
0678	PAV SURF PREP FOR MRK (4")	LF	250	\$0.10	\$25.00	\$1.00	\$250.00
6001							
0678	PAV SURF PREP FOR MRK (8")	LF	400	\$0.10	\$40.00	\$1.00	\$400.00
6004							
0678	PAV SURF PREP FOR MRK (12")	LF	521	\$0.10	\$52.10	\$1.00	\$521.00
6006							
0678	PAV SURF PREP FOR MRK (24")	LF	128	\$0.10	\$12.80	\$1.00	\$128.00
6008							
0678	PAV SURF PREP FOR MRK (ARROW)	EA	5	\$10.00	\$50.00	\$15.00	\$75.00
6009							
0678	PAV SURF PREP FOR MRK (UTURN ARR)	EA	1	\$10.00	\$10.00	\$15.00	\$15.00
6012							
0678	PAV SURF PREP FOR MRK (WORD)	EA	6	\$10.00	\$60.00	\$15.00	\$90.00
6016							
0680	INSTALL HWY TRF SIG (SYSTEM)	EA	1	\$35,000.00	\$35,000.00	\$53,550.00	\$53,550.00
6003							
0682	VEH SIG SEC (12") LED (GRN)	EA	6	\$250.00	\$1,500.00	\$170.00	\$1,020.00
6001							
0682	VEH SIG SEC (12") LED (GRN ARW)	EA	1	\$250.00	\$250.00	\$170.00	\$170.00
6002							
0682	VEH SIG SEC (12") LED (YEL)	EA	6	\$250.00	\$1,500.00	\$170.00	\$1,020.00
6003							
0682	VEH SIG SEC (12") LED (YEL ARW)	EA	1	\$250.00	\$250.00	\$170.00	\$170.00
6004							
0682	VEH SIG SEC (12") LED (RED)	EA	6	\$250.00	\$1,500.00	\$170.00	\$1,020.00
6005							
0682	VEH SIG SEC (12") LED (RED ARW)	EA	1	\$250.00	\$250.00	\$170.00	\$170.00
6006							
0682	VEH SIG SEC (12") LED (GRN U-TURN ARW)	EA	1	\$300.00	\$300.00	\$200.00	\$200.00
6007							
0682	VEH SIG SEC (12") LED (YEL U-TURN ARW)	EA	1	\$300.00	\$300.00	\$200.00	\$200.00
6008							
0682	VEH SIG SEC (12") LED (RED U-TURN ARW)	EA	1	\$300.00	\$300.00	\$200.00	\$200.00
6009							
0682	PED SIG SEC (LED) (COUNTDOWN)	EA	6	\$550.00	\$3,300.00	\$450.00	\$2,700.00
6018							
0682	BACK PLATE (12") (3 SEC) ALUM (BLACK)	EA	7	\$150.00	\$1,050.00	\$110.00	\$770.00
6029							
0682	BACK PLATE (12") (4 SEC) ALUM (BLACK)	EA	1	\$170.00	\$170.00	\$120.00	\$120.00
6030							
0684	TRF SIG CBL (TY A) (14 AWG) (5 CONDR)	LF	910	\$2.00	\$1,820.00	\$2.20	\$2,002.00
6031							
0684	TRF SIG CBL (TY A) (14 AWG) (7 CONDR)	LF	1,193	\$2.50	\$2,982.50	\$2.35	\$2,803.55
6033							
0684	TRF SIG CLB (TY A) (16 AWG) (3 CONDR)	LF	1223	\$2.00	\$2,446.00	\$2.10	\$2,568.30
6049							
0684	TRF SIG CBL (TY C) (12 AWG) (2 CONDR)	LF	880	\$1.50	\$1,320.00	\$2.00	\$1,760.00
6079							
0686	INS TRF SIG PL AM(S) 1 ARM(44") LUM (ORNAMENTAL)	EA	1	\$27,000.00	\$27,000.00	\$28,000.00	\$28,000.00
6047							
0686	INS TRF SIG PL AM(S) 1 ARM(50") LUM (ORNAMENTAL)	EA	1	\$31,000.00	\$31,000.00	\$32,500.00	\$32,500.00
6055							
0686	INS TRF SIG PL AM(S) 1 ARM(55") LUM (ORNAMENTAL)	EA	1	\$27,500.00	\$27,500.00	\$34,250.00	\$34,250.00
6059							
0687	PED POLE ASSEMBLY (ORNAMENTAL)	EA	3	\$3,000.00	\$9,000.00	\$5,500.00	\$16,500.00
6001							
0688	PED DETECT PUSH BUTTON (APS)	EA	6	\$750.00	\$4,500.00	\$650.00	\$3,900.00
6001							

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6088	PED DETECTOR CONTROLLER UNIT	EA	1	\$4,000.00	\$4,000.00	\$3,200.00	\$3,200.00
6003							
6001	PORTABLE CHANGEABLE MESSAGE SIGN	DAY	14	\$1,200.00	\$16,800.00	\$275.00	\$3,850.00
6001							
6002	VIVDS PROCESSOR SYSTEM	EA	1	\$8,000.00	\$8,000.00	\$11,250.00	\$11,250.00
6001							
6002	VIVDS CAMERA ASSEMBLY	EA	5	\$1,700.00	\$8,500.00	\$1,630.00	\$8,150.00
6002							
6002	VIVDS SET-UP SYSTEM	EA	1	\$3,700.00	\$3,700.00	\$250.00	\$250.00
6003							
6002	VIVDS COMMUNICATION CABLE (COAXIAL)	LF	1,223	\$3.00	\$3,669.00	\$2.50	\$3,057.50
6005							
6058	BBU SYSTEM (EXTERNAL BATT CABINET)	EA	1	\$8,000.00	\$8,000.00	\$7,500.00	\$7,500.00
6001							
50283	BASE STATION KIT FOR NEMA CABINET	EA	1	\$5,000.00	\$5,000.00	\$1,200.00	\$1,200.00
2100							
50284	ACCESS POINT KIT FOR STOP BAR DETECTION	EA	1	\$4,500.00	\$4,500.00	\$4,800.00	\$4,800.00
2103							
50284	LIGHTNING SUPPRESSION, EIA-485	EA	1	\$650.00	\$650.00	\$680.00	\$680.00
6000							
50285	WIRELESS SENSOR	EA	1	\$24,000.00	\$24,000.00	\$675.00	\$675.00
2000							
50287	PANEL ANTENNA KIT	EA	2	\$2,000.00	\$4,000.00	\$1,200.00	\$2,400.00
2000							
8005	RF CABLE	EA	2	\$300.00	\$600.00	\$675.00	\$1,350.00
0301							
8005	RF SPLITTER, 900 MHZ	EA	1	\$125.00	\$125.00	\$1,200.00	\$1,200.00
0303							
8020	DUAL APPLICATOR	EA	1	\$230.00	\$230.00	\$260.00	\$260.00
0002							
9000	FABICK M-PP-450 EPOXY	EA	1	\$700.00	\$700.00	\$60.00	\$60.00
2000							
0931	AXIS P5624-E MK II PTZ NETWORK CAMERA	EA	1	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00
001							
SUBTOTAL TRAFFIC SIGNAL ITEMS					\$691,488.50		\$526,155.25
BID SUMMARY							
SUBTOTAL WATER ITEMS					\$332,138.00		\$661,416.00
SUBTOTAL SANITARY SEWER ITEMS					\$284,435.00		\$677,775.00
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$1,496,901.25		\$1,724,040.25
SUBTOTAL PAVING IMPROVEMENT ITEMS					\$1,863,697.50		\$2,506,700.00
SUBTOTAL CONDUIT ITEMS					\$124,856.75		\$112,913.00
SUBTOTAL STORM SEWER EXTENSION ITEMS					\$383,490.00		\$490,990.00
SUBTOTAL TRAFFIC SIGNAL ITEMS					\$691,488.50		\$526,155.25
TOTAL AMOUNT BID					\$5,177,007.00		\$6,699,989.50