

BID TABULATION FOR:

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
AND PAVING AND APPURTENANCES
TO SERVE NEWPORT POINTE SECTION 5
NEWPORT MUNICIPAL UTILITY DISTRICT
CITY OF HOUSTON, HARRIS COUNTY, TEXAS
MARCH 22, 2024
LJA ENGINEERING, INC.
D. FORREST
MARCH 26, 2024
2370-4105 (9.2)

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

BIDDER'S NAME	TOTAL BID AMOUNT	AMOUNT BID INCLUDING ALTERNATE PAVING ITEMS	CALENDAR DAYS
1) COSTEX CONSTRUCTION, INC.	\$1,363,000.00	\$2,257,000.00	110/125
2) BAY UTILITIES, LLC	\$1,478,307.90	\$2,329,988.20	120/135
3) BLAZEY CONSTRUCTION SERVICES, LLC	\$1,511,818.19	\$2,429,022.69	120/135
4) C.E. BARKER, LTD.	\$1,583,736.27 *	\$2,362,045.27 *	120/135



Robert Booth

I, Robert Booth, P.E., hereby certify these bid tabulations to be true and correct.

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				1) COSTEX CONSTRUCTION, INC.		2) BAY UTILITIES, LLC		3) BLAZEY CONSTRUCTION SERVICES, LLC	
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER ITEMS									
1.	6" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,004	\$25.00	\$25,100.00	\$27.00	\$27,108.00	\$26.00	\$26,104.00
2.	6" P.V.C. RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	499	\$32.25	\$16,092.75	\$34.00	\$16,966.00	\$36.00	\$17,964.00
3.	8" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,965	\$36.25	\$71,231.25	\$38.00	\$74,670.00	\$38.00	\$74,670.00
4.	8" P.V.C. RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	470	\$41.75	\$19,622.50	\$43.00	\$20,210.00	\$50.00	\$23,500.00
5.	12" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	793	\$70.25	\$55,708.25	\$69.00	\$54,717.00	\$67.00	\$53,131.00
6.	12" P.V.C. RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	272	\$74.00	\$20,128.00	\$72.00	\$19,584.00	\$80.00	\$21,760.00
7.	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	6	\$1,785.00	\$10,710.00	\$1,700.00	\$10,200.00	\$1,900.00	\$11,400.00
8.	12" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	3	\$3,375.00	\$10,125.00	\$3,200.00	\$9,600.00	\$3,700.00	\$11,100.00
9.	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, GATE VALVE AND BOX, LEAD, AND FLUSHING VALVE, COMPLETE IN PLACE	EA	9	\$5,700.00	\$51,300.00	\$5,200.00	\$46,800.00	\$6,200.00	\$55,800.00
10.	WET CONNECTION OF PROPOSED 12" WATER LINE TO EXISTING 12" WATER LINE, INCLUDES REMOVAL OF EXISTING 12" FITTINGS AND REPLACE WITH 12" X 12" TEE, FITTINGS, ALL ADAPTORS AND CONNECTORS NECESSARY, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$1,950.00	\$3,900.00	\$3,400.00	\$6,800.00	\$920.00	\$1,840.00
11.	STEEL CASING FOR 6" WATER LINE, EXCLUDES CARRIER PIPE, INCLUDES SPACERS AND END SEALS, COMPLETE IN PLACE	LF	38	\$69.00	\$2,622.00	\$90.00	\$3,420.00	\$83.00	\$3,154.00
12.	STEEL CASING FOR 8" WATER LINE, EXCLUDES CARRIER PIPE, INCLUDES SPACERS AND END SEALS, COMPLETE IN PLACE	LF	111	\$84.00	\$9,324.00	\$147.00	\$16,317.00	\$128.00	\$14,208.00
13.	STEEL CASING FOR 12" WATER LINE, EXCLUDES CARRIER PIPE, INCLUDES SPACERS AND END SEALS, COMPLETE IN PLACE	LF	52	\$106.00	\$5,512.00	\$149.00	\$7,748.00	\$160.00	\$8,320.00
14.	TRENCH SAFETY, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	LF	5,003	\$0.05	\$250.15	\$0.10	\$500.30	\$0.11	\$550.33
SUBTOTAL WATER ITEMS					\$301,625.90		\$314,640.30		\$323,501.33
SANITARY SEWER ITEMS									
1.	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 0' - 8' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	756	\$37.00	\$27,972.00	\$48.00	\$36,288.00	\$38.00	\$28,728.00
2.	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 8' - 12' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2,406	\$40.00	\$96,240.00	\$49.00	\$117,894.00	\$40.00	\$96,240.00
3.	10" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 8' - 12' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	183	\$51.00	\$9,333.00	\$74.00	\$13,542.00	\$67.00	\$12,261.00
4.	PRECAST STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, 8' DEPTH, INCLUDES STAINLESS STEEL INFLOW PROTECTOR AND ADJUSTMENTS, COMPLETE IN PLACE	EA	26	\$3,000.00	\$78,000.00	\$3,200.00	\$83,200.00	\$2,800.00	\$72,800.00
5.	EXTRA DEPTH FOR SANITARY SEWER MANHOLE, GREATER THAN 8' DEPTH, COMPLETE IN PLACE	VF	25	\$300.00	\$7,500.00	\$150.00	\$3,750.00	\$190.00	\$4,750.00
6.	LONG SIDE DOUBLE OR SINGLE 6" P.V.C. PIPE SERVICE LEADS, ASTM D- 2241, SDR 26, ALL DEPTHS, INCLUDING PIPE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	LF	2,001	\$40.25	\$80,540.25	\$37.00	\$74,037.00	\$51.00	\$102,051.00

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TO SERVE NEWPORT POINTE SECTION 5
NEWPORT MUNICIPAL UTILITY DISTRICT
CITY OF HOUSTON, HARRIS COUNTY, TEXAS
MARCH 22, 2024
LJA ENGINEERING, INC.
D. FORREST
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2370-4105 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) COSTEX CONSTRUCTION, INC.		2) BAY UTILITIES, LLC		3) BLAZEY CONSTRUCTION SERVICES, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
7.	LONG SIDE DOUBLE OR SINGLE 8" P.V.C. PIPE SERVICE LEADS, ASTM D- 2241, SDR 26, ALL DEPTHS, INCLUDING PIPE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	LF	234	\$46.00	\$10,764.00	\$49.00	\$11,466.00	\$44.00	\$10,296.00
8.	SHORT SIDE DOUBLE OR SINGLE 6" P.V.C. PIPE SERVICE LEADS, ASTM D- 2241, SDR 26, ALL DEPTHS, INCLUDING PIPE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	EA	20	\$1,285.00	\$25,700.00	\$1,000.00	\$20,000.00	\$1,600.00	\$32,000.00
9.	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 10" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$1,800.00	\$1,800.00	\$900.00	\$900.00	\$1,800.00	\$1,800.00
10.	TRENCH SAFETY, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	LF	5580	\$0.10	\$558.00	\$0.10	\$558.00	\$0.11	\$613.80
SUBTOTAL SANITARY SEWER ITEMS					\$338,407.25		\$361,635.00		\$361,539.80
DRAINAGE FACILITIES ITEMS									
1.	24" RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDING BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	955	\$82.00	\$78,310.00	\$80.00	\$76,400.00	\$80.00	\$76,400.00
2.	36" RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDING BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	709	\$143.00	\$101,387.00	\$146.00	\$103,514.00	\$145.00	\$102,805.00
3.	42" RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDING BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	575	\$189.00	\$108,675.00	\$185.00	\$106,375.00	\$209.00	\$120,175.00
4.	48" RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDING BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	907	\$228.00	\$206,796.00	\$221.00	\$200,447.00	\$248.00	\$224,936.00
5.	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	14	\$3,300.00	\$46,200.00	\$3,100.00	\$43,400.00	\$3,500.00	\$49,000.00
6.	TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	9	\$5,500.00	\$49,500.00	\$3,800.00	\$34,200.00	\$5,500.00	\$49,500.00
7.	STAGE I - STANDARD 5' PRECAST INLET ("C"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	19	\$3,000.00	\$57,000.00	\$2,200.00	\$41,800.00	\$1,400.00	\$26,600.00
8.	STAGE II - STANDARD 5' PRECAST INLET ("C"), ALL DEPTHS, COMPLETE IN PLACE	EA	19	\$750.00	\$14,250.00	\$1,000.00	\$19,000.00	\$2,000.00	\$38,000.00
9.	BREAK INTO EXISTING STORM SEWER MANHOLE AND CONNECT PROPOSED STORM SEWER, INCLUDES APPURTENANCES, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$500.00	\$1,500.00	\$3,000.00	\$9,000.00	\$490.00	\$1,470.00
10.	REINFORCED CONCRETE TYPE "E" INLET, ALL SIDES OPEN, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$3,500.00	\$3,500.00	\$4,000.00	\$4,000.00	\$4,500.00	\$4,500.00
11.	EXCAVATION AND GRADING OF DRAINAGE SWALE, 3:1 MINIMUM SIDE SLOPE, V-BOTTOM, ALL DEPTHS, INCLUDES STRIPPING, STOCKPILING, AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LF	536	\$5.35	\$2,867.60	\$6.00	\$3,216.00	\$10.00	\$5,360.00
12.	TRENCH SAFETY SYSTEM, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	LF	3,146	\$0.05	\$157.30	\$0.10	\$314.60	\$0.11	\$346.06
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$670,142.90		\$641,666.60		\$699,092.06
SWPPP ITEMS									
1.	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE AND INSPECTIONS, COMPLETE IN PLACE	LS	1	\$1,836.35	\$1,836.35	\$1,800.00	\$1,800.00	\$1,600.00	\$1,600.00
2.	INSTALLATION, MAINTENANCE, AND REMOVAL OF STABILIZED CONSTRUCTION ENTRANCE/EXIT, COMPLETE IN PLACE	EA	1	\$100.00	\$100.00	\$2,700.00	\$2,700.00	\$2,100.00	\$2,100.00
3.	INSTALLATION, MAINTENANCE, AND REMOVAL OF CONCRETE TRUCK WASHOUT PIT, COMPLETE IN PLACE	EA	1	\$1,285.00	\$1,285.00	\$2,000.00	\$2,000.00	\$1,100.00	\$1,100.00

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 TO SERVE NEWPORT POINTE SECTION 5
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 MARCH 22, 2024
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 D. FORREST
 MARCH 26, 2024
 2370-4105 (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) COSTEX CONSTRUCTION, INC.		2) BAY UTILITIES, LLC		3) BLAZEY CONSTRUCTION SERVICES, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4.	STAGE II INLET, PROTECTION BARRIERS. TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	EA	20	\$1.00	\$20.00	\$50.00	\$1,000.00	\$32.00	\$640.00
5.	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE	LF	9,510	\$0.01	\$95.10	\$2.00	\$19,020.00	\$2.70	\$25,677.00
SUBTOTAL SWPPP ITEMS					\$3,336.45		\$26,520.00		\$31,117.00
MISCELLANEOUS WS&D ITEMS									
1.	EXTRA DEWATERING FOR UTILITY CONSTRUCTION, ALL LINE SIZES AND DEPTHS, TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	LF	2300	\$1.00	\$2,300.00	\$30.00	\$69,000.00	\$20.00	\$46,000.00
2.	EXTRA COST OF SANITARY SEWER WET SAND CONSTRUCTION AS PER CITY OF HOUSTON DRAWING NO. 02317-01, ALL LINE SIZES AND DEPTHS, TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	LF	300	\$5.00	\$1,500.00	\$15.00	\$4,500.00	\$12.00	\$3,600.00
3.	EXTRA COST OF STORM SEWER WET SAND CONSTRUCTION AS PER CITY OF HOUSTON DRAWING NO. 02317-01, ALL LINE SIZES AND DEPTHS, TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	LF	300	\$5.00	\$1,500.00	\$15.00	\$4,500.00	\$25.00	\$7,500.00
4.	UTILITY SPOILS TO BE USED ON-SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, PLACEMENT, COMPACTION TO 95% PROCTOR DENSITY, AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	6,410	\$3.75	\$24,037.50	\$5.00	\$32,050.00	\$2.20	\$14,102.00
5.	EXTRA 6" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,200.00	\$1,200.00	\$1,200.00	\$1,200.00	\$1,300.00	\$1,300.00
6.	EXTRA 8" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$100.00	\$100.00	\$1,700.00	\$1,700.00	\$2,100.00	\$2,100.00
7.	EXTRA 12" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$100.00	\$100.00	\$3,200.00	\$3,200.00	\$3,800.00	\$3,800.00
8.	REMOVE AND DISPOSE OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	1	\$250.00	\$250.00	\$600.00	\$600.00	\$270.00	\$270.00
9.	INSTALL TYPE III BARRICADE, COMPLETE IN PLACE	EA	2	\$1,500.00	\$3,000.00	\$1,400.00	\$2,800.00	\$1,800.00	\$3,600.00
10.	METHOD "A" CONSTRUCTION STAKING FOR WS&D, AS PER GBI PARTNERS, L.P. (CONTACT JIMY DYER AT 281.499.4539), COMPLETE IN PLACE	LS	1	\$15,500.00	\$15,500.00	\$14,296.00	\$14,296.00	\$14,296.00	\$14,296.00
SUBTOTAL MISCELLANEOUS WS&D ITEMS					\$49,487.50		\$133,846.00		\$96,568.00
ALTERNATE PAVING ITEMS									
1.	4" X 12" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	4368	\$4.05	\$17,690.40	\$3.80	\$16,598.40	\$4.80	\$20,966.40
2.	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	2160	\$4.05	\$8,748.00	\$3.80	\$8,208.00	\$4.80	\$10,368.00
3.	6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	11,388	\$53.70	\$611,535.60	\$50.00	\$569,400.00	\$49.70	\$565,983.60

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4.	6" LIME STABILIZED SUBGRADE (MANIPULATION), COMPLETE IN PLACE	SY	12,124	\$3.75	\$45,465.00	\$4.35	\$52,739.40	\$4.00	\$48,496.00
5.	HYDRATED LIME FOR 6" STABILIZED SUBGRADE (7% LIME BY WEIGHT, 33 LBS/SY) AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	200	\$386.00	\$77,200.00	\$380.00	\$76,000.00	\$400.00	\$80,000.00
6.	ROADWAY AND LOT EMBANKMENT, INCLUDES STRIPPINGS, STOCKPILING OF STRIPPINGS, COMPACTION TO 95% STANDARD PROCTOR DENSITY, FINAL GRADING, AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	2,445	\$3.75	\$9,168.75	\$7.90	\$19,315.50	\$20.00	\$48,900.00
7.	COMPLETE LOT GRADING AND FINAL DRESSING OF ALL AREAS, COMPLETE IN PLACE	EA	84	\$455.00	\$38,220.00	\$358.00	\$30,072.00	\$700.00	\$58,800.00
8.	CONNECT PROPOSED REINFORCED CONCRETE PAVEMENT TO EXISTING CONCRETE PAVEMENT, COMPLETE IN PLACE	LF	28	\$27.00	\$756.00	\$36.70	\$1,027.60	\$32.00	\$896.00
9.	TRAFFIC CONTROL SIGN AND POST, INCLUDES STOP SIGNS, STREET NAME SIGNS WITH "NO OUTLET" IF NEEDED, DIRECTIONAL SIGNS WITH SUPPLEMENTS, ETC., COMPLETE IN PLACE	EA	7	\$860.00	\$6,020.00	\$650.00	\$4,550.00	\$800.00	\$5,600.00
10.	PERMANENT TRAFFIC CONTROL DEVICES, INCLUDING TRAFFIC BUTTONS, STRIPING, MARKERS, COMPLETE IN PLACE	LS	1	\$4,121.25	\$4,121.25	\$2,600.00	\$2,600.00	\$2,100.00	\$2,100.00
11.	ADA RAMPS PER DETAIL IN THE CONSTRUCTION PLANS, COMPLETE IN PLACE	EA	6	\$1,500.00	\$9,000.00	\$1,700.00	\$10,200.00	\$1,900.00	\$11,400.00
12.	5" WIDE, 4 1/2" THICK CONCRETE SIDEWALK ALONG RESERVES, COMPLETE IN PLACE	SF	4,677	\$9.00	\$42,093.00	\$8.00	\$37,416.00	\$9.50	\$44,431.50
13.	4" DIAMETER ROUND BOLLARD BY DUMNOR, SCHEDULE 40 STEEL PIPE, 36" HIGH, PAINTED PER OWNER'S SELECTION, FILLED WITH CONCRETE WITH ROUNDED WELDED STEEP CAP, INCLUDES CONCRETE FOUNDATION, COMPLETE IN PLACE	EA	8	\$1,100.00	\$8,800.00	\$1,200.00	\$9,600.00	\$530.00	\$4,240.00
14.	4" PVC IRRIGATION SLEEVES, SCH. 40, INCLUDES RISERS, PVC END CAPS, CEMENT STABILIZED SAND BACKFILL AND MARKERS, COMPLETE IN PLACE	LF	64	\$36.00	\$2,432.00	\$30.60	\$1,958.40	\$32.00	\$2,048.00
15.	STANDARD CONCRETE PAVING HEADERS, COMPLETE IN PLACE	LF	56	\$25.00	\$1,400.00	\$25.50	\$1,428.00	\$43.00	\$2,408.00
16.	METHOD "A" CONSTRUCTION STAKING FOR PAVING/LOT GRADES, AS PER GBI PARTNERS, L.P. (CONTACT JIMY DYER 281.499.4539), COMPLETE IN PLACE	LS	1	\$6,500.00	\$6,500.00	\$6,067.00	\$6,067.00	\$6,067.00	\$6,067.00
17.	AS BUILT SURVEY OF FILL AREAS AND COMPLETED LOTS, (BY GBI PARTNERS, L.P.), COMPLETE IN PLACE	LS	1	\$4,850.00	\$4,850.00	\$4,500.00	\$4,500.00	\$4,500.00	\$4,500.00
SUBTOTAL ALTERNATE PAVING ITEMS					\$894,000.00		\$851,680.30		\$917,204.50
BID SUMMARY									
SUBTOTAL WATER ITEMS					\$301,625.90		\$314,640.30		\$323,501.33
SUBTOTAL SANITARY SEWER ITEMS					\$338,407.25		\$361,635.00		\$361,539.80
SUBTOTAL DRAINAGE FACILITIES ITEMS					\$670,142.90		\$641,666.60		\$699,092.06
SUBTOTAL SWPPP ITEMS					\$3,336.45		\$26,520.00		\$31,117.00
SUBTOTAL MISCELLANEOUS WS&D ITEMS					\$49,487.50		\$133,846.00		\$96,568.00
TOTAL AMOUNT BASE BID:					\$1,363,000.00		\$1,478,307.90		\$1,511,818.19
ALTERNATE BID									
TOTAL AMOUNT BASE BID					\$1,363,000.00		\$1,478,307.90		\$1,511,818.19
SUBTOTAL ALTERNATE PAVING ITEMS					\$894,000.00		\$851,680.30		\$917,204.50
TOTAL AMOUNT BID INCLUDING ALTERNATE ITEMS:					\$2,257,000.00		\$2,329,988.20		\$2,429,022.69

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TABULATION DATE:
LJA JOB NO.

CONSTRUCTION OF THE WATER, SANITARY SEWER AND DRAINAGE FACILITIES
TO SERVE NEWPORT POINTE SECTION 5
NEWPORT MUNICIPAL UTILITY DISTRICT
CITY OF HOUSTON, HARRIS COUNTY, TEXAS
MARCH 22, 2024
LJA ENGINEERING, INC.
D. FORREST
MARCH 26, 2024
2370-4105 (9.2)

4) C.E. BARKER, LTD.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
WATER ITEMS					
1.	6" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,004	\$30.00	\$30,120.00
2.	6" P.V.C. RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	499	\$35.00	\$17,465.00
3.	8" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	1,965	\$40.00	\$78,600.00
4.	8" P.V.C. RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	470	\$45.00	\$21,150.00
5.	12" P.V.C. WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	793	\$70.00	\$55,510.00
6.	12" P.V.C. RESTRAINED JOINT WATER LINE, C-900, DR 18, CLASS 235, ALL DEPTHS, INCLUDES ALL RESTRAINED JOINT FITTINGS, BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	272	\$75.00	\$20,400.00
7.	8" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	6	\$2,200.00	\$13,200.00
8.	12" AWWA GATE VALVE AND BOX, COMPLETE IN PLACE	EA	3	\$4,000.00	\$12,000.00
9.	FLUSHING VALVE UNIT, ALL DEPTHS, INCLUDES APPROPRIATE TEE, GATE VALVE AND BOX, LEAD, AND FLUSHING VALVE, COMPLETE IN PLACE	EA	9	\$6,300.00	\$56,700.00
10.	WET CONNECTION OF PROPOSED 12" WATER LINE TO EXISTING 12" WATER LINE, INCLUDES REMOVAL OF EXISTING 12" FITTINGS AND REPLACE WITH 12" X 12" TEE, FITTINGS, ALL ADAPTORS AND CONNECTORS NECESSARY, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$850.00	\$1,700.00
11.	STEEL CASING FOR 6" WATER LINE, EXCLUDES CARRIER PIPE, INCLUDES SPACERS AND END SEALS, COMPLETE IN PLACE	LF	38	\$90.00	\$3,420.00
12.	STEEL CASING FOR 8" WATER LINE, EXCLUDES CARRIER PIPE, INCLUDES SPACERS AND END SEALS, COMPLETE IN PLACE	LF	111	\$130.00	\$14,430.00
13.	STEEL CASING FOR 12" WATER LINE, EXCLUDES CARRIER PIPE, INCLUDES SPACERS AND END SEALS, COMPLETE IN PLACE	LF	52	\$155.00	\$8,060.00
14.	TRENCH SAFETY, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	LF	5,003	\$0.10	\$500.30
SUBTOTAL WATER ITEMS					\$333,255.30
SANITARY SEWER ITEMS					
1.	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 0' - 8' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	756	\$60.00	\$45,360.00
2.	8" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 8' - 12' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	2,406	\$65.00	\$156,390.00
3.	10" P.V.C. SEWER PIPE, ASTM D-2241, SDR 26, 8' - 12' CUT, TO INCLUDE BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	183	\$75.00	\$13,725.00
4.	PRECAST STANDARD SANITARY SEWER MANHOLE FOR 6" - 24" SANITARY SEWER PIPES, 8' DEPTH, INCLUDES STAINLESS STEEL INFLOW PROTECTOR AND ADJUSTMENTS, COMPLETE IN PLACE	EA	26	\$3,300.00	\$85,800.00
5.	EXTRA DEPTH FOR SANITARY SEWER MANHOLE, GREATER THAN 8' DEPTH, COMPLETE IN PLACE	VF	25	\$315.00	\$7,875.00
6.	LONG SIDE DOUBLE OR SINGLE 6" P.V.C. PIPE SERVICE LEADS, ASTM D-2241, SDR 26, ALL DEPTHS, INCLUDING PIPE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	LF	2,001	\$46.00	\$92,046.00

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 TO SERVE NEWPORT POINTE SECTION 5
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 CITY OF HOUSTON, HARRIS COUNTY, TEXAS
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 2370-4105 (9.2)

4) C.E. BARKER, LTD.

ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
7.	LONG SIDE DOUBLE OR SINGLE 8" P.V.C. PIPE SERVICE LEADS, ASTM D- 2241, SDR 26, ALL DEPTHS, INCLUDING PIPE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	LF	234	\$55.00	\$12,870.00
8.	SHORT SIDE DOUBLE OR SINGLE 6" P.V.C. PIPE SERVICE LEADS, ASTM D- 2241, SDR 26, ALL DEPTHS, INCLUDING PIPE, CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, MARKER, AND ANY NECESSARY FITTINGS, COMPLETE IN PLACE	EA	20	\$1,800.00	\$36,000.00
9.	CORE INTO EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 10" SANITARY SEWER, COMPLETE IN PLACE	EA	1	\$1,500.00	\$1,500.00
10.	TRENCH SAFETY, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	LF	5580	\$0.10	\$558.00

SUBTOTAL SANITARY SEWER ITEMS

\$452,124.00

DRAINAGE FACILITIES ITEMS

1.	24" RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDING BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	955	\$110.00	\$105,050.00
2.	36" RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDING BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	709	\$170.00	\$120,530.00
3.	42" RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDING BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	575	\$215.00	\$123,625.00
4.	48" RCP, ASTM C-76 CLASS III STORM SEWER, ALL DEPTHS, INCLUDING BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	907	\$260.00	\$235,820.00
5.	TYPE "C" MANHOLE FOR 42" STORM SEWERS AND SMALLER, ALL DEPTHS, COMPLETE IN PLACE	EA	14	\$3,550.00	\$49,700.00
6.	TYPE "C" MANHOLE FOR 48" STORM SEWERS AND LARGER, ALL DEPTHS, COMPLETE IN PLACE	EA	9	\$5,400.00	\$48,600.00
7.	STAGE I - STANDARD 5' PRECAST INLET ("C"), ALL DEPTHS, INCLUDES INLET PROTECTION BARRIER FOR STAGE I INLETS, COMPLETE IN PLACE	EA	19	\$2,000.00	\$38,000.00
8.	STAGE II - STANDARD 5' PRECAST INLET ("C"), ALL DEPTHS, COMPLETE IN PLACE	EA	19	\$1,500.00	\$28,500.00
9.	BREAK INTO EXISTING STORM SEWER MANHOLE AND CONNECT PROPOSED STORM SEWER, INCLUDES APPURTENANCES, ALL SIZES, ALL DEPTHS, COMPLETE IN PLACE	EA	3	\$1,250.00	\$3,750.00
10.	REINFORCED CONCRETE TYPE "E" INLET, ALL SIDES OPEN, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$4,200.00	\$4,200.00
11.	EXCAVATION AND GRADING OF DRAINAGE SWALE, 3:1 MINIMUM SIDE SLOPE, V-BOTTOM, ALL DEPTHS, INCLUDES STRIPPING, STOCKPILING, AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	LF	536	\$4.00	\$2,144.00
12.	TRENCH SAFETY SYSTEM, ALL DEPTHS, ALL SIZES, COMPLETE IN PLACE	LF	3,146	\$0.01	\$31.46

SUBTOTAL DRAINAGE FACILITIES ITEMS

\$759,950.46

SWPPP ITEMS

1.	STORM WATER POLLUTION PREVENTION PLAN COMPLIANCE AND INSPECTIONS, COMPLETE IN PLACE	LS	1	\$300.00	\$300.00
2.	INSTALLATION, MAINTENANCE, AND REMOVAL OF STABILIZED CONSTRUCTION ENTRANCE/EXIT, COMPLETE IN PLACE	EA	1	\$2,200.00	\$2,200.00
3.	INSTALLATION, MAINTENANCE, AND REMOVAL OF CONCRETE TRUCK WASHOUT PIT, COMPLETE IN PLACE	EA	1	\$300.00	\$300.00

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ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
4.	STAGE II INLET, PROTECTION BARRIERS, TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	EA	20	\$100.00	\$2,000.00
5.	INSTALL AND MAINTAIN REINFORCED FILTER FABRIC FENCE, COMPLETE IN PLACE	LF	9,510	\$0.10	\$951.00

SUBTOTAL SWPPP ITEMS **\$5,751.00**

MISCELLANEOUS WS&D ITEMS

1.	EXTRA DEWATERING FOR UTILITY CONSTRUCTION, ALL LINE SIZES AND DEPTHS, TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	LF	2300	\$1.00	\$2,300.00
2.	EXTRA COST OF SANITARY SEWER WET SAND CONSTRUCTION AS PER CITY OF HOUSTON DRAWING NO. 02317-01, ALL LINE SIZES AND DEPTHS, TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	LF	300	\$1.00	\$300.00
3.	EXTRA COST OF STORM SEWER WET SAND CONSTRUCTION AS PER CITY OF HOUSTON DRAWING NO. 02317-01, ALL LINE SIZES AND DEPTHS, TO BE USED ONLY AT THE WRITTEN DIRECTION OF THE ENGINEER, COMPLETE IN PLACE	LF	300	\$1.00	\$300.00
4.	UTILITY SPOILS TO BE USED ON-SITE, INCLUDES STRIPPING, STOCKPILING OF STRIPPINGS, PLACEMENT, COMPACTION TO 95% PROCTOR DENSITY, AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	6,410	\$1.00	\$6,410.00
5.	EXTRA 6" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$1,875.84	\$1,875.84
6.	EXTRA 8" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$2,112.29	\$2,112.29
7.	EXTRA 12" AWWA GATE VALVE AND BOX, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$3,811.38	\$3,811.38
8.	REMOVE AND DISPOSE OF EXISTING TYPE III BARRICADE, COMPLETE IN PLACE	EA	1	\$250.00	\$250.00
9.	INSTALL TYPE III BARRICADE, COMPLETE IN PLACE	EA	2	\$500.00	\$1,000.00
10.	METHOD "A" CONSTRUCTION STAKING FOR WS&D, AS PER GBI PARTNERS, L.P. (CONTACT JIMY DYER AT 281.499.4539), COMPLETE IN PLACE	LS	1	\$14,296.00	\$14,296.00

SUBTOTAL MISCELLANEOUS WS&D ITEMS **\$32,655.51 ***

ALTERNATE PAVING ITEMS

1.	4" X 12" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	4368	\$3.50	\$15,288.00
2.	6" REINFORCED CONCRETE CURB, COMPLETE IN PLACE	LF	2160	\$3.50	\$7,560.00
3.	6" REINFORCED CONCRETE PAVEMENT, COMPLETE IN PLACE	SY	11,388	\$47.00	\$535,236.00

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ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
4.	6" LIME STABILIZED SUBGRADE (MANIPULATION), COMPLETE IN PLACE	SY	12,124	\$4.00	\$48,496.00
5.	HYDRATED LIME FOR 6" STABILIZED SUBGRADE (7% LIME BY WEIGHT, 33 LBS/SY) AS REQUIRED BY SOIL CONDITIONS, AND APPROVED BY GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	200	\$360.00	\$72,000.00
6.	ROADWAY AND LOT EMBANKMENT, INCLUDES STRIPPINGS, STOCKPILING OF STRIPPINGS, COMPACTION TO 95% STANDARD PROCTOR DENSITY, FINAL GRADING, AND RE-APPLICATION OF STRIPPINGS, COMPLETE IN PLACE	CY	2,445	\$4.00	\$9,780.00
7.	COMPLETE LOT GRADING AND FINAL DRESSING OF ALL AREAS, COMPLETE IN PLACE	EA	84	\$300.00	\$25,200.00
8.	CONNECT PROPOSED REINFORCED CONCRETE PAVEMENT TO EXISTING CONCRETE PAVEMENT, COMPLETE IN PLACE	LF	28	\$35.00	\$980.00
9.	TRAFFIC CONTROL SIGN AND POST, INCLUDES STOP SIGNS, STREET NAME SIGNS WITH "NO OUTLET" IF NEEDED, DIRECTIONAL SIGNS WITH SUPPLEMENTS, ETC., COMPLETE IN PLACE	EA	7	\$720.00	\$5,040.00
10.	PERMANENT TRAFFIC CONTROL DEVICES, INCLUDING TRAFFIC BUTTONS, STRIPING, MARKERS, COMPLETE IN PLACE	LS	1	\$2,500.00	\$2,500.00
11.	ADA RAMPS PER DETAIL IN THE CONSTRUCTION PLANS, COMPLETE IN PLACE	EA	6	\$1,400.00	\$8,400.00
12.	5" WIDE, 4 1/2" THICK CONCRETE SIDEWALK ALONG RESERVES, COMPLETE IN PLACE	SF	4,677	\$6.00	\$28,062.00
13.	4" DIAMETER ROUND BOLLARD BY DUMNOR, SCHEDULE 40 STEEL PIPE, 36" HIGH, PAINTED PER OWNER'S SELECTION, FILLED WITH CONCRETE WITH ROUNDED WELDED STEEP CAP, INCLUDES CONCRETE FOUNDATION, COMPLETE IN PLACE	EA	8	\$600.00	\$4,800.00
14.	4" PVC IRRIGATION SLEEVES, SCH. 40, INCLUDES RISERS, PVC END CAPS, CEMENT STABILIZED SAND BACKFILL AND MARKERS, COMPLETE IN PLACE	LF	64	\$25.00	\$1,600.00
15.	STANDARD CONCRETE PAVING HEADERS, COMPLETE IN PLACE	LF	56	\$50.00	\$2,800.00
16.	METHOD "A" CONSTRUCTION STAKING FOR PAVING/LOT GRADES, AS PER GBI PARTNERS, L.P. (CONTACT JIMY DYER 281.499.4539), COMPLETE IN PLACE	LS	1	\$6,067.00	\$6,067.00
17.	AS BUILT SURVEY OF FILL AREAS AND COMPLETED LOTS, (BY GBI PARTNERS, L.P.), COMPLETE IN PLACE	LS	1	\$4,500.00	\$4,500.00

SUBTOTAL ALTERNATE PAVING ITEMS **\$778,309.00**

BID SUMMARY

SUBTOTAL WATER ITEMS	\$333,255.30
SUBTOTAL SANITARY SEWER ITEMS	\$452,124.00
SUBTOTAL DRAINAGE FACILITIES ITEMS	\$759,950.46
SUBTOTAL SWPPP ITEMS	\$5,751.00
SUBTOTAL MISCELLANEOUS WS&D ITEMS	\$32,655.51 *
TOTAL AMOUNTBASE BID:	\$1,583,736.27 *

ALTERNATE BID

TOTAL AMOUNT BASE BID	\$1,583,736.27 *
SUBTOTAL ALTERNATE PAVING ITEMS	\$778,309.00
TOTAL AMOUNT BID INCLUDING ALTERNATE ITEMS:	\$2,362,045.27 *