

BID TABULATION FOR:

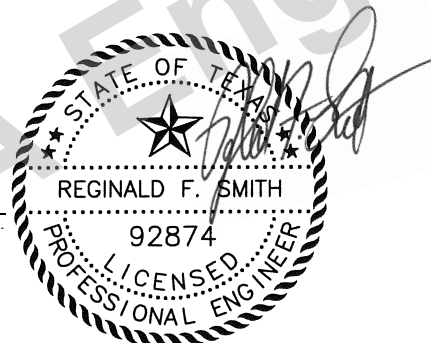
CONSTRUCTION OF WATER, SANITARY SEWER COLLECTION SYSTEM, DRAINAGE FACILITIES AND PAVING & APPURTENANCES
TO SERVE SANDROCK GARDENS
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 460
CITY OF HOUSTON, HARRIS COUNTY, TEXAS
JANUARY 17, 2023
LJA ENGINEERING, INC.
P.CHATTERJEE
JANUARY 17, 2023
2792-2102 (9.2)

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

BIDDER'S NAME	TOTAL AMOUNT BID	BID INCLUDING ALTERNATE BID ITEM NO. 1	BID INCLUDING ALTERNATE BID ITEMS NO. 2
1) PRINCIPAL SERVICES, LTD	\$1,673,280.65	\$1,803,680.65	\$1,811,288.65
2) ALLGOOD CONSTRUCTION CO., INC.	\$1,753,979.52	\$1,898,932.20	\$1,918,846.00
3) TRIPLE B SERVICES, LLP	\$1,876,033.21	\$2,006,203.21	\$1,934,421.21
4) BAY UTILITIES. LLC	\$1,879,182.50	\$1,997,182.50	\$2,017,190.50
5) CE BARKER LTD	\$1,881,901.20	\$2,036,443.20	\$2,019,909.20
6) R CONSTRUCTION CIVIL, LLC	\$1,946,528.40	\$2,049,328.40	\$2,063,304.40
7) PRECISE SERVICES INC.	\$1,961,181.85	\$2,131,381.85	\$2,121,483.45
8) RODRIGUEZ CONSTRUCTION GROUP, LLC	\$2,077,000.00	\$2,204,170.20	\$2,268,937.28
9) ICON GC LLC	\$2,097,381.68	\$2,280,281.68	\$2,226,896.88

CALENDAR DAYS 120/140

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



17 January 2023

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ITEM	DESCRIPTION	UNIT	QTY	1) PRINCIPAL SERVICES, LTD		2) ALLGOOD CONSTRUCTION CO., INC.		3) TRIPLE B SERVICES, LLP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER LINE ITEMS									
1	8" C 900 DR18 PVC WATER PIPE, OPEN CUT, INCLUDES ALL FITTINGS; COMPLETE IN PLACE	LF	1985	\$42.00	\$83,370.00	\$38.38	\$76,184.30	\$43.00	\$85,355.00
2	8" C 900 DR14 PVC WATER PIPE WITH RESTRAINED JOINTS, OPEN CUT, INCLUDES ALL FITTINGS; COMPLETE IN PLACE	LF	315	\$60.00	\$18,900.00	\$61.19	\$19,274.85	\$68.50	\$21,577.50
3	8" AWWA GATE VALVE AND BOX; COMPLETE N PLACE	EA	2	\$1,800.00	\$3,600.00	\$1,804.35	\$3,608.70	\$4,040.00	\$8,080.00
4	FIRE HYDRANT ASSEMBLY; COMPLETE IN PLACE	EA	4	\$4,000.00	\$16,000.00	\$6,403.20	\$25,612.80	\$6,325.00	\$25,300.00
5	8"X8" TS&V W/ BOX; COMPLETE IN PLACE	EA	1	\$5,000.00	\$5,000.00	\$5,347.50	\$5,347.50	\$6,350.00	\$6,350.00
6	12"X8" TS&V W/ BOX; COMPLETE IN PLACE	EA	2	\$5,000.00	\$10,000.00	\$8,740.00	\$17,480.00	\$5,090.00	\$10,180.00
7	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	1985	\$0.00	\$0.00	\$1.15	\$2,282.75	\$0.12	\$238.20
WATER LINE ITEMS SUBTOTAL:					\$136,870.00		\$149,790.90		\$157,080.70
SANITARY SEWER ITEMS									
1	8" PVC SANITARY SEWER PIPE, ASTM D-3034, SDR 26, ALL DEPTHS, OPEN CUT, INCLUDING FITTINGS, COMPLETE IN PLACE	LF	2060	\$40.00	\$82,400.00	\$39.49	\$81,349.40	\$55.40	\$114,124.00
2	8" PVC SANITARY SEWER PIPE, ASTM D-3034, SDR 26, ALL DEPTHS, TRENCHLESS CONSTRUCTION, INCLUDING BORE PITS, COMPLETE IN PLACE	LF	115	\$150.00	\$17,250.00	\$143.75	\$16,531.25	\$120.00	\$13,800.00
3	48" DIAMETER STANDARD SEWER MANHOLE, INCLUDES INFLOW PROTECTOR, COMPLETE IN PLACE	EA	14	\$6,200.00	\$86,800.00	\$4,128.50	\$57,799.00	\$3,490.00	\$48,860.00
4	CONSTRUCT SANITARY SEWER MANHOLE ON EXISTING 12" SANITARY SEWER IN PARK VILLAGE DRIVE, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$3,500.00	\$7,000.00	\$4,830.00	\$9,660.00	\$3,470.00	\$6,940.00
5	LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-3034, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE PLUG, DROPS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	12	\$1,700.00	\$20,400.00	\$2,955.65	\$35,467.80	\$3,850.00	\$46,200.00
6	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-3034, SDR -26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, DROPS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	24	\$1,300.00	\$31,200.00	\$1,519.28	\$36,462.72	\$1,710.00	\$41,040.00
7	CLEAN AND TV PROPOSED SANITARY SEWER SYSTEM (ALL SIZES), COMPLETE IN PLACE	LF	2060	\$0.10	\$206.00	\$1.44	\$2,966.40	\$1.15	\$2,369.00
8	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	2060	\$0.00	\$0.00	\$1.15	\$2,369.00	\$0.12	\$247.20
SANITARY SEWER ITEMS SUBTOTAL:					\$245,256.00		\$242,605.57		\$273,580.20
STORM SEWER ITEMS									
1	24" RCP STORM SEWER, OPEN CUT; INCLUDING CEMENT STABILIZED BACKFILL, COMPLETE IN PLACE	LF	764	\$95.00	\$72,580.00	\$97.55	\$74,528.20	\$111.00	\$84,804.00
2	30" RCP STORM SEWER, OPEN CUT; INCLUDING CEMENT STABILIZED BACKFILL, COMPLETE IN PLACE	LF	213	\$115.00	\$24,495.00	\$123.15	\$26,230.95	\$141.00	\$30,033.00
3	36" RCP STORM SEWER, OPEN CUT; INCLUDING CEMENT STABILIZED BACKFILL, COMPLETE IN PLACE	LF	184	\$162.00	\$29,808.00	\$167.73	\$30,862.32	\$184.00	\$33,856.00
4	42" RCP STORM SEWER, OPEN CUT; INCLUDING CEMENT STABILIZED BACKFILL, COMPLETE IN PLACE	LF	288	\$219.00	\$63,072.00	\$233.89	\$67,360.32	\$247.00	\$71,136.00

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ITEM	DESCRIPTION	UNIT	QTY	1) PRINCIPAL SERVICES, LTD		2) ALLGOOD CONSTRUCTION CO., INC.		3) TRIPLE B SERVICES, LLP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
5	29"X18" ELLIPTICAL RCP STORM SEWER, OPEN CUT; INCLUDING CEMENT STABILIZED BACKFILL, COMPLETE IN PLACE	LF	624	\$190.00	\$118,560.00	\$214.83	\$134,053.92	\$228.00	\$142,272.00
6	TYPE "B-B" INLET, ALL DEPTHS; COMPLETE IN PLACE	EA	14	\$3,300.00	\$46,200.00	\$3,944.50	\$55,223.00	\$4,630.00	\$64,820.00
7	TYPE "C" MANHOLE FOR STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	11	\$2,800.00	\$30,800.00	\$4,329.75	\$47,627.25	\$3,995.00	\$43,945.00
8	TYPE "C" MANHOLE FOR STORM SEWER BUILT ON EXISTING STORM SEWER IN PARK VILLAGE DRIVE, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$3,000.00	\$3,000.00	\$5,479.75	\$5,479.75	\$4,460.00	\$4,460.00
9	STORM TROOPER MODEL SWST-05C HYDRODYNAMIC SEPARATOR, COMPLETE IN PLACE	EA	1	\$10,000.00	\$10,000.00	\$23,000.00	\$23,000.00	\$17,030.00	\$17,030.00
10	TYPE "E" INLET, ALL DEPTHS; COMPLETE IN PLACE	EA	4	\$2,400.00	\$9,600.00	\$3,151.00	\$12,604.00	\$3,550.00	\$14,200.00
11	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	2073	\$0.00	\$0.00	\$1.15	\$2,383.95	\$0.12	\$248.76
12	CLEAN AND TV PROPOSED STORM SEWER SYSTEM (ALL SIZES), COMPLETE IN PLACE	LF	2073	\$0.10	\$207.30	\$1.44	\$2,985.12	\$1.15	\$2,383.95
13	CONVERT EXISTING B-B INLET TO VALLEY GRATE TOP INLET (4 GRATES)	EA	1	\$2,700.00	\$2,700.00	\$4,025.00	\$4,025.00	\$2,525.00	\$2,525.00
14	TYPE "C" MANHOLE WITH RESTRICTOR ASSEMBLY; COMPLETE IN PLACE	EA	1	\$3,300.00	\$3,300.00	\$5,899.50	\$5,899.50	\$8,590.00	\$8,590.00
STORM SEWER ITEMS SUBTOTAL:					\$414,322.30	\$492,263.28		\$520,303.71	
PAVING ITEMS									
1	6" THICK REINFORCED CONCRETE PAVEMENT; COMPLETE IN PLACE	SY	6705	\$55.00	\$368,775.00	\$48.30	\$323,851.50	\$50.30	\$337,261.50
2	4"X12" MOUNTABLE REINFORCED CONCRETE CURB; COMPLETE IN PLACE	LF	3923	\$3.50	\$13,730.50	\$4.89	\$19,183.47	\$4.50	\$17,653.50
3	6" REINFORCED CONCRETE CURB; COMPLETE IN PLACE	LF	1190	\$3.50	\$4,165.00	\$4.89	\$5,819.10	\$4.50	\$5,355.00
4	6" LIME STABILIZED SUBGRADE, INCLUDES COMPACTION TO 95% STANDARD PROCTOR DENSITY; COMPLETE IN PLACE	SY	7576	\$3.10	\$23,485.60	\$3.74	\$28,334.24	\$4.50	\$34,092.00
5	LIME FOR SUBGRADE STABILIZATION (7% LIME BY WEIGHT) AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY THE GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	140	\$300.00	\$42,000.00	\$316.25	\$44,275.00	\$274.00	\$38,360.00
6	4.5" THICK REINFORCED CONCRETE SIDEWALK, 5' WIDE; COMPLETE IN PLACE (RESERVE AND OFF-SITE)	SF	11380	\$7.25	\$82,505.00	\$6.33	\$72,035.40	\$6.70	\$76,246.00
7	4.5" THICK REINFORCED CONCRETE SIDEWALK, 5' WIDE; COMPLETE IN PLACE (LOT FRONTAGES)	SF	14065	\$7.25	\$101,971.25	\$6.33	\$89,031.45	\$6.70	\$94,235.50
8	SAWCUT PAVEMENT, INSTALL AND DOWEL 6" CONCRETE CURB INTO EXISTING PAVEMENT; COMPLETE IN PLACE	LF	226	\$15.00	\$3,390.00	\$19.55	\$4,418.30	\$17.00	\$3,842.00
9	REMOVE AND REPLACE CONCRETE PAVEMENT TO MATCH EXISTING FOR OPEN CUT PLACEMENT OF 42" STORM SEWER AND MANHOLE CONSTRUCTION WITHIN PARK VILLAGE DRIVE, INCLUDES OFFSITE DISPOSAL, COMPLETE IN PLACE	SY	32	\$200.00	\$6,400.00	\$172.50	\$5,520.00	\$279.00	\$8,928.00
10	2' SAWCUT FULL DEPTH OF EXISTING CONCRETE PAVEMENT; COMPLETE IN PLACE	LF	158	\$15.00	\$2,370.00	\$11.50	\$1,817.00	\$8.40	\$1,327.20
11	PERMANENT TRAFFIC CONTROL DEVICES (BUTTONS, SIGNAGE, ETC.)	LS	1	\$3,500.00	\$3,500.00	\$4,025.00	\$4,025.00	\$6,255.00	\$6,255.00
12	ADA RAMP WITH TRUNCATED DOMES; COMPLETE IN PLACE	EA	7	\$1,500.00	\$10,500.00	\$1,667.50	\$11,672.50	\$1,500.00	\$10,500.00
PAVING ITEMS SUBTOTAL:					\$662,792.35	\$609,982.96		\$634,055.70	

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 TO SERVE SANDROCK GARDENS
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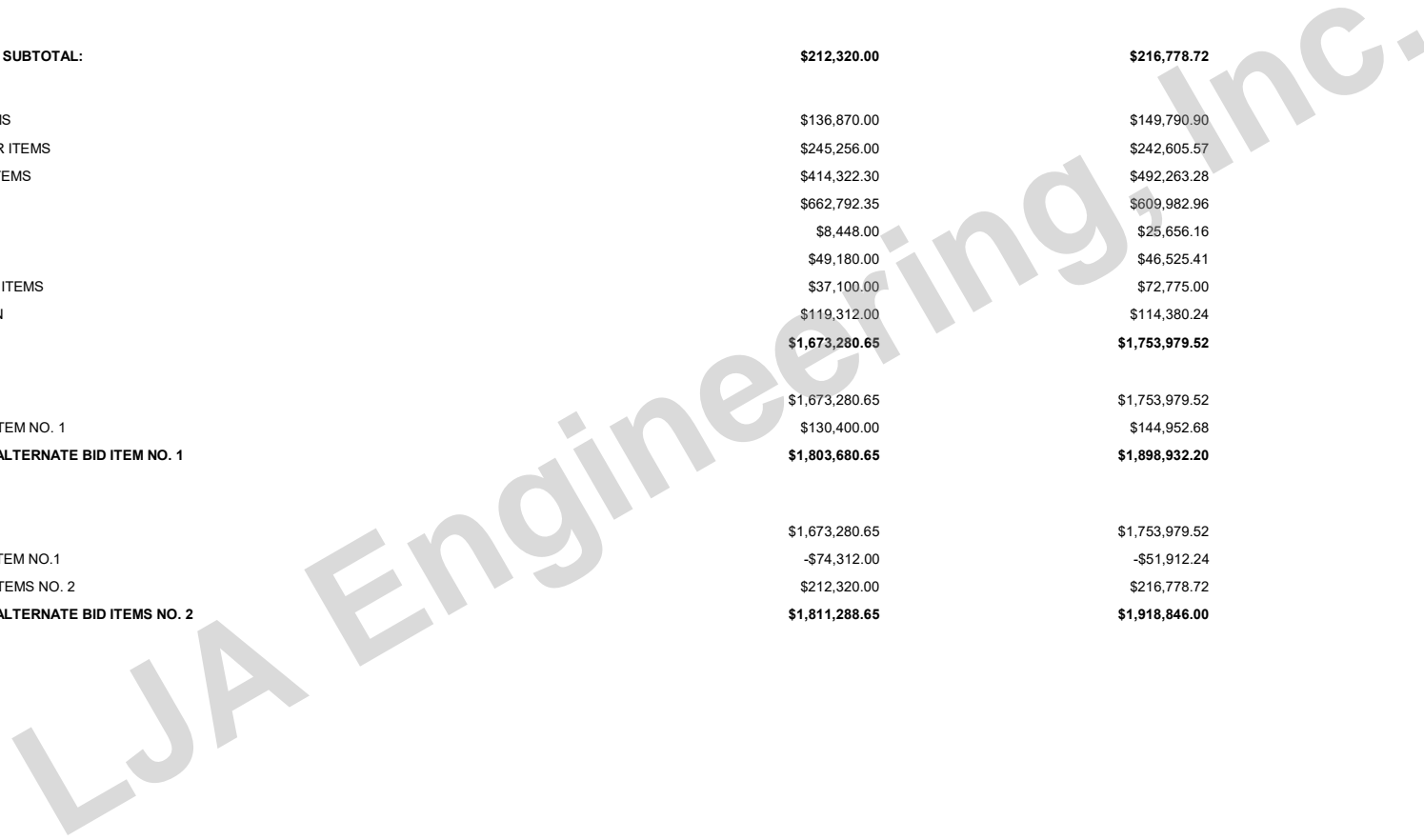
ITEM	DESCRIPTION	UNIT	QTY	1) PRINCIPAL SERVICES, LTD		2) ALLGOOD CONSTRUCTION CO., INC.		3) TRIPLE B SERVICES, LLP	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
SWPPP ITEMS									
1	SWPPP COMPLIANCE AND INSPECTIONS	LS	1	\$100.00	\$100.00	\$1,150.00	\$1,150.00	\$4,950.00	\$4,950.00
2	INSTALLATION MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION ENTRANCE; COMPLETE IN PLACE	EA	1	\$1,000.00	\$1,000.00	\$1,725.00	\$1,725.00	\$4,660.00	\$4,660.00
3	INSTALLATION MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT PIT; COMPLETE IN PLACE	EA	1	\$100.00	\$100.00	\$920.00	\$920.00	\$1,050.00	\$1,050.00
4	INSTALLATION MAINTENANCE AND REMOVAL OF INLET PROTECTION BARRIERS; COMPLETE IN PLACE	EA	22	\$10.00	\$220.00	\$86.25	\$1,897.50	\$169.00	\$3,718.00
5	PLACEMENT & REMOVAL OF FILTER FABRIC FENCING	LF	8824	\$0.50	\$4,412.00	\$1.90	\$16,765.60	\$2.45	\$21,618.80
6	SOLID SOD 1.5' STRIP ALONG BACK OF CURB	SY	654	\$4.00	\$2,616.00	\$4.89	\$3,198.06	\$6.40	\$4,185.60
SWPPP ITEMS SUBTOTAL:					\$8,448.00		\$25,656.16		\$40,182.40
EARTHWORK									
1	UTILITY SPOILS W/ ON-SITE PLACEMENT, COMPLETE IN PLACE	CY	3845	\$2.00	\$7,690.00	\$4.89	\$18,802.05	\$5.90	\$22,685.50
2	ROADWAY EXCAVATION W/ ON-SITE PLACEMENT, COMPLETE IN PLACE	CY	2424	\$10.00	\$24,240.00	\$4.89	\$11,853.36	\$5.80	\$14,059.20
3	FINAL LOT GRADING INCLUDE STRIPPING AND PROOF ROLLING, HAULING, PLACEMENT AND COMPACTION OF FILL AND REPLACEMENT OF STRIPPINGS, COMPLETE IN PLACE	EA	69	\$250.00	\$17,250.00	\$230.00	\$15,870.00	\$269.00	\$18,561.00
EARTHWORK SUBTOTAL:					\$49,180.00		\$46,525.41		\$55,305.70
MISCELLANEOUS ITEMS									
1	TEMPORARY TRAFFIC CONTROL PLAN AND REGULATION	LS	1	\$500.00	\$500.00	\$2,875.00	\$2,875.00	\$2,330.00	\$2,330.00
2	DEVELOPER'S BOND	EA	1	\$27,600.00	\$27,600.00	\$63,000.00	\$63,000.00	\$6,880.00	\$6,880.00
3	DEWATERING, AS AUTHORIZED BY THE ENGINEER, COMPLETE IN PLACE	LF	300	\$30.00	\$9,000.00	\$23.00	\$6,900.00	\$40.75	\$12,225.00
MISCELLANEOUS ITEMS SUBTOTAL:					\$37,100.00		\$72,775.00		\$21,435.00
POND DETENTION									
1	DETENTION POND EXCAVATION AND ON-SITE FILL PLACEMENT AND COMPACTION, COMPLETE IN PLACE	CY	10616	\$7.00	\$74,312.00	\$4.89	\$51,912.24	\$5.80	\$61,572.80
2	STORMWATER QUALITY FEATURE-FLOATABLES COLLECTION SCREEN	EA	1	\$7,000.00	\$7,000.00	\$17,250.00	\$17,250.00	\$10,515.00	\$10,515.00
3	4-1/2" THICK REINFORCED 4' CONCRETE LINED SWALE, COMPLETE IN PLACE	LF	724	\$40.00	\$28,960.00	\$46.00	\$33,304.00	\$120.00	\$86,880.00
4	6" SLOPED PAVING AT OUTFALL STRUCTURES	SY	62	\$120.00	\$7,440.00	\$115.00	\$7,130.00	\$99.00	\$6,138.00
5	HYDROMULCH SEEDING AND FINE GRADING OF DETENTION POND SIDE SLOPES, COMPLETE IN PLACE	AC	1.6	\$1,000.00	\$1,600.00	\$2,990.00	\$4,784.00	\$5,615.00	\$8,984.00
POND DETENTION SUBTOTAL:					\$119,312.00		\$114,380.24		\$174,089.80
ALTERNATE BID ITEM NO. 1									
1	NEAR SIDE, DOUBLE OR SINGLE 1/2" TO 1 1/2" WATER LINE SERVICES, INCLUDING METER BOX AND ALL NECESSARY CONNECTOS AND TAPS, COMPLETE IN PLACE	EA	14	\$1,100.00	\$15,400.00	\$1,833.38	\$25,667.32	\$1,100.00	\$15,400.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
2	FAR SIDE, DOUBLE OR SINGLE 1/2" TO 1 1/2" WATER LINE SERVICES, INCLUDING METER BOX AND ALL NECESSARY CONNECTOS AND TAPS, COMPLETE IN PLACE	EA	46	\$2,500.00	\$115,000.00	\$2,593.16	\$119,285.36	\$2,495.00	\$114,770.00
ALTERNATE BID ITEM NO. 1 SUBTOTAL:					\$130,400.00		\$144,952.68		\$130,170.00
ALTERNATE BID ITEMS NO. 2									
1	OFF-SITE DISPOSAL OF SPOILS IN LIEU OF POND DETENTION ITEM NO. 1, COMPLETE IN PLACE	CY	10616	\$20.00	\$212,320.00	\$20.42	\$216,778.72	\$11.30	\$119,960.80
ALTERNATE BID ITEMS NO. 2 SUBTOTAL:					\$212,320.00		\$216,778.72		\$119,960.80
<u>BIDDING SUMMARY</u>									
SUBTOTAL WATER LINE ITEMS					\$136,870.00		\$149,790.90		\$157,080.70
SUBTOTAL SANITARY SEWER ITEMS					\$245,256.00		\$242,605.57		\$273,580.20
SUBTOTAL STORM SEWER ITEMS					\$414,322.30		\$492,263.28		\$520,303.71
SUBTOTAL PAVING ITEMS					\$662,792.35		\$609,982.96		\$634,055.70
SUBTOTAL SWPPP ITEMS					\$8,448.00		\$25,656.16		\$40,182.40
SUBTOTAL EARTHWORK					\$49,180.00		\$46,525.41		\$55,305.70
SUBTOTAL MISCELLANEOUS ITEMS					\$37,100.00		\$72,775.00		\$21,435.00
SUBTOTAL POND DETENTION					\$119,312.00		\$114,380.24		\$174,089.80
TOTAL AMOUNT BASE BID					\$1,673,280.65		\$1,753,979.52		\$1,876,033.21
<u>ALTERNATE BID ITEM NO. 1</u>									
TOTAL AMOUNT BASE BID					\$1,673,280.65		\$1,753,979.52		\$1,876,033.21
SUBTOTAL ALTERNATE BID ITEM NO. 1					\$130,400.00		\$144,952.68		\$130,170.00
TOTAL AMOUNT INCLUDING ALTERNATE BID ITEM NO. 1					\$1,803,680.65		\$1,898,932.20		\$2,006,203.21
<u>ALTERNATE BID ITEMS NO. 2</u>									
TOTAL AMOUNT BASE BID					\$1,673,280.65		\$1,753,979.52		\$1,876,033.21
DEDUCT POND DETENTION ITEM NO.1					-\$74,312.00		-\$51,912.24		-\$61,572.80
SUBTOTAL ALTERNATE BID ITEMS NO. 2					\$212,320.00		\$216,778.72		\$119,960.80
TOTAL AMOUNT INCLUDING ALTERNATE BID ITEMS NO. 2					\$1,811,288.65		\$1,918,846.00		\$1,934,421.21



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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER LINE ITEMS									
1	8" C 900 DR18 PVC WATER PIPE, OPEN CUT, INCLUDES ALL FITTINGS; COMPLETE IN PLACE	LF	1985	\$42.00	\$83,370.00	\$40.00	\$79,400.00	\$45.00	\$89,325.00
2	8" C 900 DR14 PVC WATER PIPE WITH RESTRAINED JOINTS, OPEN CUT, INCLUDES ALL FITTINGS; COMPLETE IN PLACE	LF	315	\$55.00	\$17,325.00	\$59.00	\$18,585.00	\$65.00	\$20,475.00
3	8" AWWA GATE VALVE AND BOX; COMPLETE N PLACE	EA	2	\$1,900.00	\$3,800.00	\$1,864.00	\$3,728.00	\$2,400.00	\$4,800.00
4	FIRE HYDRANT ASSEMBLY; COMPLETE IN PLACE	EA	4	\$5,500.00	\$22,000.00	\$6,052.00	\$24,208.00	\$6,600.00	\$26,400.00
5	8"X8" TS&V W/ BOX; COMPLETE IN PLACE	EA	1	\$7,600.00	\$7,600.00	\$7,819.00	\$7,819.00	\$6,200.00	\$6,200.00
6	12"X8" TS&V W/ BOX; COMPLETE IN PLACE	EA	2	\$6,700.00	\$13,400.00	\$6,796.00	\$13,592.00	\$5,000.00	\$10,000.00
7	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	1985	\$1.00	\$1,985.00	\$1.00	\$1,985.00	\$0.05	\$99.25
WATER LINE ITEMS SUBTOTAL:					\$149,480.00		\$149,317.00		\$157,299.25
SANITARY SEWER ITEMS									
1	8" PVC SANITARY SEWER PIPE, ASTM D-3034, SDR 26, ALL DEPTHS, OPEN CUT, INCLUDING FITTINGS, COMPLETE IN PLACE	LF	2060	\$61.00	\$125,660.00	\$49.00	\$100,940.00	\$42.00	\$86,520.00
2	8" PVC SANITARY SEWER PIPE, ASTM D-3034, SDR 26, ALL DEPTHS, TRENCHLESS CONSTRUCTION, INCLUDING BORE PITS, COMPLETE IN PLACE	LF	115	\$200.00	\$23,000.00	\$145.00	\$16,675.00	\$120.00	\$13,800.00
3	48" DIAMETER STANDARD SEWER MANHOLE, INCLUDES INFLOW PROTECTOR, COMPLETE IN PLACE	EA	14	\$4,000.00	\$56,000.00	\$2,761.00	\$38,654.00	\$3,200.00	\$44,800.00
4	CONSTRUCT SANITARY SEWER MANHOLE ON EXISTING 12" SANITARY SEWER IN PARK VILLAGE DRIVE, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$10,000.00	\$20,000.00	\$5,704.00	\$11,408.00	\$3,500.00	\$7,000.00
5	LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-3034, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE PLUG, DROPS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	12	\$2,400.00	\$28,800.00	\$2,930.00	\$35,160.00	\$2,900.00	\$34,800.00
6	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-3034, SDR -26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, DROPS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	24	\$1,000.00	\$24,000.00	\$1,918.00	\$46,032.00	\$1,200.00	\$28,800.00
7	CLEAN AND TV PROPOSED SANITARY SEWER SYSTEM (ALL SIZES), COMPLETE IN PLACE	LF	2060	\$4.00	\$8,240.00	\$1.00	\$2,060.00	\$2.00	\$4,120.00
8	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	2060	\$1.00	\$2,060.00	\$1.00	\$2,060.00	\$0.05	\$103.00
SANITARY SEWER ITEMS SUBTOTAL:					\$287,760.00		\$252,989.00		\$219,943.00
STORM SEWER ITEMS									
1	24" RCP STORM SEWER, OPEN CUT; INCLUDING CEMENT STABILIZED BACKFILL, COMPLETE IN PLACE	LF	764	\$84.00	\$64,176.00	\$105.00	\$80,220.00	\$98.00	\$74,872.00
2	30" RCP STORM SEWER, OPEN CUT; INCLUDING CEMENT STABILIZED BACKFILL, COMPLETE IN PLACE	LF	213	\$107.00	\$22,791.00	\$128.00	\$27,264.00	\$130.00	\$27,690.00
3	36" RCP STORM SEWER, OPEN CUT; INCLUDING CEMENT STABILIZED BACKFILL, COMPLETE IN PLACE	LF	184	\$147.00	\$27,048.00	\$171.00	\$31,464.00	\$177.00	\$32,568.00
4	42" RCP STORM SEWER, OPEN CUT; INCLUDING CEMENT STABILIZED BACKFILL, COMPLETE IN PLACE	LF	288	\$201.00	\$57,888.00	\$219.00	\$63,072.00	\$235.00	\$67,680.00

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CONSTRUCTION OF WATER, SANITARY SEWER COLLECTION SYSTEM, DRAINAGE FACILITIES AND PAVING & APPURTENANCES
 TO SERVE SANDROCK GARDENS
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 460
 CITY OF HOUSTON, HARRIS COUNTY, TEXAS
 JANUARY 17, 2023
 LJA ENGINEERING, INC.
 P.CHATTERJEE
 JANUARY 17, 2023
 2792-2102 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	4) BAY UTILITIES. LLC		5) CE BARKER LTD		6) R CONSTRUCTION CIVIL, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
5	29"X18" ELLIPTICAL RCP STORM SEWER, OPEN CUT; INCLUDING CEMENT STABILIZED BACKFILL, COMPLETE IN PLACE	LF	624	\$202.00	\$126,048.00	\$203.00	\$126,672.00	\$225.00	\$140,400.00
6	TYPE "B-B" INLET, ALL DEPTHS; COMPLETE IN PLACE	EA	14	\$3,600.00	\$50,400.00	\$2,796.00	\$39,144.00	\$4,700.00	\$65,800.00
7	TYPE "C" MANHOLE FOR STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	11	\$3,000.00	\$33,000.00	\$2,932.00	\$32,252.00	\$3,400.00	\$37,400.00
8	TYPE "C" MANHOLE FOR STORM SEWER BUILT ON EXISTING STORM SEWER IN PARK VILLAGE DRIVE, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$4,600.00	\$4,600.00	\$6,025.00	\$6,025.00	\$4,330.00	\$4,330.00
9	STORM TROOPER MODEL SWST-05C HYDRODYNAMIC SEPARATOR, COMPLETE IN PLACE	EA	1	\$20,000.00	\$20,000.00	\$27,588.00	\$27,588.00	\$24,350.00	\$24,350.00
10	TYPE "E" INLET, ALL DEPTHS; COMPLETE IN PLACE	EA	4	\$4,000.00	\$16,000.00	\$2,796.00	\$11,184.00	\$2,700.00	\$10,800.00
11	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	2073	\$1.00	\$2,073.00	\$1.00	\$2,073.00	\$0.05	\$103.65
12	CLEAN AND TV PROPOSED STORM SEWER SYSTEM (ALL SIZES), COMPLETE IN PLACE	LF	2073	\$4.00	\$8,292.00	\$1.00	\$2,073.00	\$4.50	\$9,328.50
13	CONVERT EXISTING B-B INLET TO VALLEY GRATE TOP INLET (4 GRATES)	EA	1	\$3,400.00	\$3,400.00	\$2,796.00	\$2,796.00	\$7,200.00	\$7,200.00
14	TYPE "C" MANHOLE WITH RESTRICTOR ASSEMBLY; COMPLETE IN PLACE	EA	1	\$6,000.00	\$6,000.00	\$6,480.00	\$6,480.00	\$8,500.00	\$8,500.00
STORM SEWER ITEMS SUBTOTAL:					\$441,716.00	\$458,307.00	\$511,022.15		
PAVING ITEMS									
1	6" THICK REINFORCED CONCRETE PAVEMENT; COMPLETE IN PLACE	SY	6705	\$56.00	\$375,480.00	\$54.00	\$362,070.00	\$57.00	\$382,185.00
2	4"X12" MOUNTABLE REINFORCED CONCRETE CURB; COMPLETE IN PLACE	LF	3923	\$4.00	\$15,692.00	\$6.00	\$23,538.00	\$4.50	\$17,653.50
3	6" REINFORCED CONCRETE CURB; COMPLETE IN PLACE	LF	1190	\$4.00	\$4,760.00	\$6.00	\$7,140.00	\$4.50	\$5,355.00
4	6" LIME STABILIZED SUBGRADE, INCLUDES COMPACTION TO 95% STANDARD PROCTOR DENSITY; COMPLETE IN PLACE	SY	7576	\$3.25	\$24,622.00	\$6.00	\$45,456.00	\$5.00	\$37,880.00
5	LIME FOR SUBGRADE STABILIZATION (7% LIME BY WEIGHT) AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY THE GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	140	\$310.80	\$43,512.00	\$337.00	\$47,180.00	\$325.00	\$45,500.00
6	4.5" THICK REINFORCED CONCRETE SIDEWALK, 5' WIDE; COMPLETE IN PLACE (RESERVE AND OFF-SITE)	SF	11380	\$6.50	\$73,970.00	\$7.00	\$79,660.00	\$9.00	\$102,420.00
7	4.5" THICK REINFORCED CONCRETE SIDEWALK, 5' WIDE; COMPLETE IN PLACE (LOT FRONTAGES)	SF	14065	\$6.50	\$91,422.50	\$7.00	\$98,455.00	\$9.00	\$126,585.00
8	SAWCUT PAVEMENT, INSTALL AND DOWEL 6" CONCRETE CURB INTO EXISTING PAVEMENT; COMPLETE IN PLACE	LF	226	\$20.00	\$4,520.00	\$49.00	\$11,074.00	\$47.00	\$10,622.00
9	REMOVE AND REPLACE CONCRETE PAVEMENT TO MATCH EXISTING FOR OPEN CUT PLACEMENT OF 42" STORM SEWER AND MANHOLE CONSTRUCTION WITHIN PARK VILLAGE DRIVE, INCLUDES OFFSITE DISPOSAL, COMPLETE IN PLACE	SY	32	\$115.00	\$3,680.00	\$230.00	\$7,360.00	\$240.00	\$7,680.00
10	2' SAWCUT FULL DEPTH OF EXISTING CONCRETE PAVEMENT; COMPLETE IN PLACE	LF	158	\$20.00	\$3,160.00	\$26.00	\$4,108.00	\$6.00	\$948.00
11	PERMANENT TRAFFIC CONTROL DEVICES (BUTTONS, SIGNAGE, ETC.)	LS	1	\$5,100.00	\$5,100.00	\$5,750.00	\$5,750.00	\$6,600.00	\$6,600.00
12	ADA RAMP WITH TRUNCATED DOMES; COMPLETE IN PLACE	EA	7	\$1,800.00	\$12,600.00	\$2,678.00	\$18,746.00	\$2,450.00	\$17,150.00
PAVING ITEMS SUBTOTAL:					\$658,518.50	\$710,537.00	\$760,578.50		

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CONSTRUCTION OF WATER, SANITARY SEWER COLLECTION SYSTEM, DRAINAGE FACILITIES AND PAVING & APPURTENANCES
 TO SERVE SANDROCK GARDENS
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 460
 CITY OF HOUSTON, HARRIS COUNTY, TEXAS
 JANUARY 17, 2023
 LJA ENGINEERING, INC.
 P.CHATTERJEE
 JANUARY 17, 2023
 2792-2102 (9.2)

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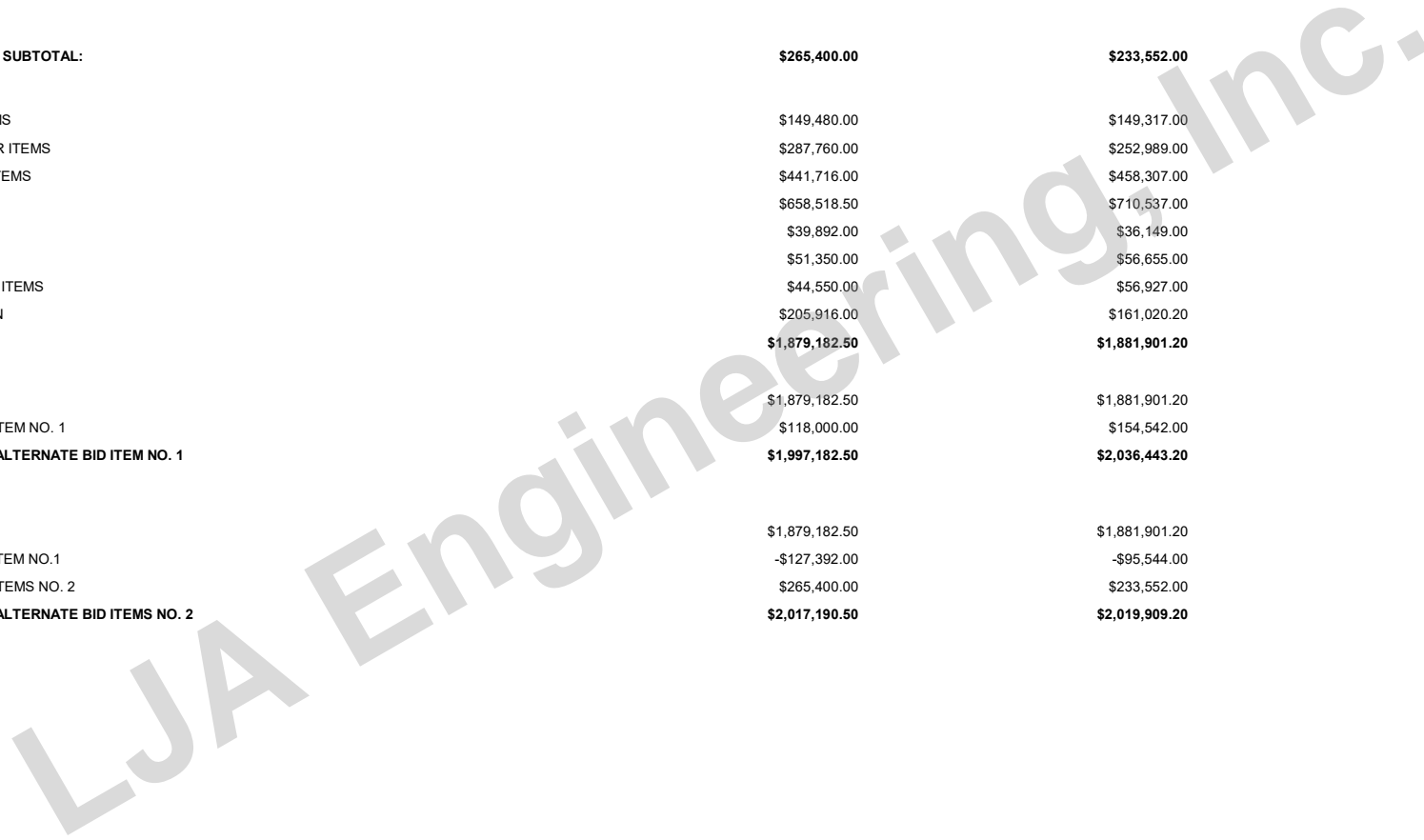
ITEM	DESCRIPTION	UNIT	QTY	4) BAY UTILITIES. LLC		5) CE BARKER LTD		6) R CONSTRUCTION CIVIL, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
SWPPP ITEMS									
1	SWPPP COMPLIANCE AND INSPECTIONS	LS	1	\$1,000.00	\$1,000.00	\$536.00	\$536.00	\$1,300.00	\$1,300.00
2	INSTALLATION MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION ENTRANCE; COMPLETE IN PLACE	EA	1	\$3,000.00	\$3,000.00	\$3,106.00	\$3,106.00	\$2,000.00	\$2,000.00
3	INSTALLATION MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT PIT; COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00	\$1,071.00	\$1,071.00	\$500.00	\$500.00
4	INSTALLATION MAINTENANCE AND REMOVAL OF INLET PROTECTION BARRIERS; COMPLETE IN PLACE	EA	22	\$40.00	\$880.00	\$77.00	\$1,694.00	\$50.00	\$1,100.00
5	PLACEMENT & REMOVAL OF FILTER FABRIC FENCING	LF	8824	\$3.00	\$26,472.00	\$3.00	\$26,472.00	\$2.00	\$17,648.00
6	SOLID SOD 1.5' STRIP ALONG BACK OF CURB	SY	654	\$10.00	\$6,540.00	\$5.00	\$3,270.00	\$5.00	\$3,270.00
SWPPP ITEMS SUBTOTAL:					\$39,892.00		\$36,149.00		\$25,818.00
EARTHWORK									
1	UTILITY SPOILS W/ ON-SITE PLACEMENT, COMPLETE IN PLACE	CY	3845	\$4.00	\$15,380.00	\$3.00	\$11,535.00	\$2.50	\$9,612.50
2	ROADWAY EXCAVATION W/ ON-SITE PLACEMENT, COMPLETE IN PLACE	CY	2424	\$10.00	\$24,240.00	\$7.00	\$16,968.00	\$9.00	\$21,816.00
3	FINAL LOT GRADING INCLUDE STRIPPING AND PROOF ROLLING, HAULING, PLACEMENT AND COMPACTION OF FILL AND REPLACEMENT OF STRIPPINGS, COMPLETE IN PLACE	EA	69	\$170.00	\$11,730.00	\$408.00	\$28,152.00	\$375.00	\$25,875.00
EARTHWORK SUBTOTAL:					\$51,350.00		\$56,655.00		\$57,303.50
MISCELLANEOUS ITEMS									
1	TEMPORARY TRAFFIC CONTROL PLAN AND REGULATION	LS	1	\$5,550.00	\$5,550.00	\$11,246.00	\$11,246.00	\$10,000.00	\$10,000.00
2	DEVELOPER'S BOND	EA	1	\$30,000.00	\$30,000.00	\$38,181.00	\$38,181.00	\$43,000.00	\$43,000.00
3	DEWATERING, AS AUTHORIZED BY THE ENGINEER, COMPLETE IN PLACE	LF	300	\$30.00	\$9,000.00	\$25.00	\$7,500.00	\$40.00	\$12,000.00
MISCELLANEOUS ITEMS SUBTOTAL:					\$44,550.00		\$56,927.00		\$65,000.00
POND DETENTION									
1	DETENTION POND EXCAVATION AND ON-SITE FILL PLACEMENT AND COMPACTION, COMPLETE IN PLACE	CY	10616	\$12.00	\$127,392.00	\$9.00	\$95,544.00	\$9.00	\$95,544.00
2	STORMWATER QUALITY FEATURE-FLOATABLES COLLECTION SCREEN	EA	1	\$10,000.00	\$10,000.00	\$20,795.00	\$20,795.00	\$13,000.00	\$13,000.00
3	4-1/2" THICK REINFORCED 4' CONCRETE LINED SWALE, COMPLETE IN PLACE	LF	724	\$81.00	\$58,644.00	\$48.00	\$34,752.00	\$45.00	\$32,580.00
4	6" SLOPED PAVING AT OUTFALL STRUCTURES	SY	62	\$100.00	\$6,200.00	\$109.00	\$6,758.00	\$100.00	\$6,200.00
5	HYDOMULCH SEEDING AND FINE GRADING OF DETENTION POND SIDE SLOPES, COMPLETE IN PLACE	AC	1.6	\$2,300.00	\$3,680.00	\$1,982.00	\$3,171.20	\$1,400.00	\$2,240.00
POND DETENTION SUBTOTAL:					\$205,916.00		\$161,020.20		\$149,564.00
ALTERNATE BID ITEM NO. 1									
1	NEAR SIDE, DOUBLE OR SINGLE 1/2" TO 1 1/2" WATER LINE SERVICES, INCLUDING METER BOX AND ALL NECESSARY CONNECTOS AND TAPS, COMPLETE IN PLACE	EA	14	\$1,200.00	\$16,800.00	\$1,244.00	\$17,416.00	\$1,100.00	\$15,400.00

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 TO SERVE SANDROCK GARDENS
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 460
 CITY OF HOUSTON, HARRIS COUNTY, TEXAS
 JANUARY 17, 2023
 LJA ENGINEERING, INC.
 P.CHATTERJEE
 JANUARY 17, 2023
 2792-2102 (9.2)

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ITEM	DESCRIPTION	UNIT	QTY	4) BAY UTILITIES. LLC		5) CE BARKER LTD		6) R CONSTRUCTION CIVIL, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
2	FAR SIDE, DOUBLE OR SINGLE 1/2" TO 1 1/2" WATER LINE SERVICES, INCLUDING METER BOX AND ALL NECESSARY CONNECTOS AND TAPS, COMPLETE IN PLACE	EA	46	\$2,200.00	\$101,200.00	\$2,981.00	\$137,126.00	\$1,900.00	\$87,400.00
ALTERNATE BID ITEM NO. 1 SUBTOTAL:					\$118,000.00		\$154,542.00		\$102,800.00
ALTERNATE BID ITEMS NO. 2									
1	OFF-SITE DISPOSAL OF SPOILS IN LIEU OF POND DETENTION ITEM NO. 1, COMPLETE IN PLACE	CY	10616	\$25.00	\$265,400.00	\$22.00	\$233,552.00	\$20.00	\$212,320.00
ALTERNATE BID ITEMS NO. 2 SUBTOTAL:					\$265,400.00		\$233,552.00		\$212,320.00
<u>BIDDING SUMMARY</u>									
SUBTOTAL WATER LINE ITEMS					\$149,480.00		\$149,317.00		\$157,299.25
SUBTOTAL SANITARY SEWER ITEMS					\$287,760.00		\$252,989.00		\$219,943.00
SUBTOTAL STORM SEWER ITEMS					\$441,716.00		\$458,307.00		\$511,022.15
SUBTOTAL PAVING ITEMS					\$658,518.50		\$710,537.00		\$760,578.50
SUBTOTAL SWPPP ITEMS					\$39,892.00		\$36,149.00		\$25,818.00
SUBTOTAL EARTHWORK					\$51,350.00		\$56,655.00		\$57,303.50
SUBTOTAL MISCELLANEOUS ITEMS					\$44,550.00		\$56,927.00		\$65,000.00
SUBTOTAL POND DETENTION					\$205,916.00		\$161,020.20		\$149,564.00
TOTAL AMOUNT BASE BID					\$1,879,182.50		\$1,881,901.20		\$1,946,528.40
<u>ALTERNATE BID ITEM NO. 1</u>									
TOTAL AMOUNT BASE BID					\$1,879,182.50		\$1,881,901.20		\$1,946,528.40
SUBTOTAL ALTERNATE BID ITEM NO. 1					\$118,000.00		\$154,542.00		\$102,800.00
TOTAL AMOUNT INCLUDING ALTERNATE BID ITEM NO. 1					\$1,997,182.50		\$2,036,443.20		\$2,049,328.40
<u>ALTERNATE BID ITEMS NO. 2</u>									
TOTAL AMOUNT BASE BID					\$1,879,182.50		\$1,881,901.20		\$1,946,528.40
DEDUCT POND DETENTION ITEM NO.1					-\$127,392.00		-\$95,544.00		-\$95,544.00
SUBTOTAL ALTERNATE BID ITEMS NO. 2					\$265,400.00		\$233,552.00		\$212,320.00
TOTAL AMOUNT INCLUDING ALTERNATE BID ITEMS NO. 2					\$2,017,190.50		\$2,019,909.20		\$2,063,304.40



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ITEM	DESCRIPTION	UNIT	QTY	7) PRECISE SERVICES INC.		8) RODRIGUEZ CONSTRUCTION GROUP, LLC		9) ICON GC LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
WATER LINE ITEMS									
1	8" C 900 DR18 PVC WATER PIPE, OPEN CUT, INCLUDES ALL FITTINGS; COMPLETE IN PLACE	LF	1985	\$55.00	\$109,175.00	\$47.15	\$93,592.75	\$43.50	\$86,347.50
2	8" C 900 DR14 PVC WATER PIPE WITH RESTRAINED JOINTS, OPEN CUT, INCLUDES ALL FITTINGS; COMPLETE IN PLACE	LF	315	\$77.00	\$24,255.00	\$73.70	\$23,215.50	\$91.00	\$28,665.00
3	8" AWWA GATE VALVE AND BOX; COMPLETE N PLACE	EA	2	\$2,200.00	\$4,400.00	\$1,943.60	\$3,887.20	\$2,070.00	\$4,140.00
4	FIRE HYDRANT ASSEMBLY; COMPLETE IN PLACE	EA	4	\$6,650.00	\$26,600.00	\$7,085.10	\$28,340.40	\$6,500.00	\$26,000.00
5	8"X8" TS&V W/ BOX; COMPLETE IN PLACE	EA	1	\$745.00	\$745.00	\$7,345.00	\$7,345.00	\$5,300.00	\$5,300.00
6	12"X8" TS&V W/ BOX; COMPLETE IN PLACE	EA	2	\$915.00	\$1,830.00	\$8,475.00	\$16,950.00	\$4,500.00	\$9,000.00
7	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	1985	\$0.10	\$198.50	\$0.11	\$218.35	\$0.01	\$19.85
WATER LINE ITEMS SUBTOTAL:					\$167,203.50		\$173,549.20		\$159,472.35
SANITARY SEWER ITEMS									
1	8" PVC SANITARY SEWER PIPE, ASTM D-3034, SDR 26, ALL DEPTHS, OPEN CUT, INCLUDING FITTINGS, COMPLETE IN PLACE	LF	2060	\$50.00	\$103,000.00	\$50.29	\$103,597.40	\$59.00	\$121,540.00
2	8" PVC SANITARY SEWER PIPE, ASTM D-3034, SDR 26, ALL DEPTHS, TRENCHLESS CONSTRUCTION, INCLUDING BORE PITS, COMPLETE IN PLACE	LF	115	\$105.00	\$12,075.00	\$144.64	\$16,633.60	\$360.00	\$41,400.00
3	48" DIAMETER STANDARD SEWER MANHOLE, INCLUDES INFLOW PROTECTOR, COMPLETE IN PLACE	EA	14	\$4,450.00	\$62,300.00	\$4,011.50	\$56,161.00	\$4,900.00	\$68,600.00
4	CONSTRUCT SANITARY SEWER MANHOLE ON EXISTING 12" SANITARY SEWER IN PARK VILLAGE DRIVE, ALL DEPTHS, COMPLETE IN PLACE	EA	2	\$5,000.00	\$10,000.00	\$5,085.00	\$10,170.00	\$6,300.00	\$12,600.00
5	LONG SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-3034, SDR 26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE PLUG, DROPS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	12	\$3,100.00	\$37,200.00	\$3,565.15	\$42,781.80	\$5,500.00	\$66,000.00
6	SHORT SIDE DOUBLE OR SINGLE 6" PVC PIPE SERVICE LEADS, ASTM D-3034, SDR -26, ALL DEPTHS, INCLUDING CEMENT STABILIZED SAND BACKFILL, RISER, WYE, PLUG, DROPS, AND ANY NECESSARY FITTINGS, ETC., COMPLETE IN PLACE	EA	24	\$1,900.00	\$45,600.00	\$1,757.15	\$42,171.60	\$2,700.00	\$64,800.00
7	CLEAN AND TV PROPOSED SANITARY SEWER SYSTEM (ALL SIZES), COMPLETE IN PLACE	LF	2060	\$4.00	\$8,240.00	\$5.09	\$10,485.40	\$3.00	\$6,180.00
8	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	2060	\$0.10	\$206.00	\$0.11	\$226.60	\$0.01	\$20.60
SANITARY SEWER ITEMS SUBTOTAL:					\$278,621.00		\$282,227.40		\$381,140.60
STORM SEWER ITEMS									
1	24" RCP STORM SEWER, OPEN CUT; INCLUDING CEMENT STABILIZED BACKFILL, COMPLETE IN PLACE	LF	764	\$115.00	\$87,860.00	\$112.04	\$85,598.56	\$180.00	\$137,520.00
2	30" RCP STORM SEWER, OPEN CUT; INCLUDING CEMENT STABILIZED BACKFILL, COMPLETE IN PLACE	LF	213	\$135.00	\$28,755.00	\$138.59	\$29,519.67	\$167.00	\$35,571.00
3	36" RCP STORM SEWER, OPEN CUT; INCLUDING CEMENT STABILIZED BACKFILL, COMPLETE IN PLACE	LF	184	\$197.50	\$36,340.00	\$190.65	\$35,079.60	\$210.00	\$38,640.00
4	42" RCP STORM SEWER, OPEN CUT; INCLUDING CEMENT STABILIZED BACKFILL, COMPLETE IN PLACE	LF	288	\$275.00	\$79,200.00	\$258.21	\$74,364.48	\$290.00	\$83,520.00

BID TABULATION FOR:

CONSTRUCTION OF WATER, SANITARY SEWER COLLECTION SYSTEM, DRAINAGE FACILITIES AND PAVING & APPURTENANCES
 TO SERVE SANDROCK GARDENS
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 460
 CITY OF HOUSTON, HARRIS COUNTY, TEXAS
 JANUARY 17, 2023
 LJA ENGINEERING, INC.
 P.CHATTERJEE
 JANUARY 17, 2023
 2792-2102 (9.2)

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

ITEM	DESCRIPTION	UNIT	QTY	7) PRECISE SERVICES INC.		8) RODRIGUEZ CONSTRUCTION GROUP, LLC		9) ICON GC LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
5	29"X18" ELLIPTICAL RCP STORM SEWER, OPEN CUT; INCLUDING CEMENT STABILIZED BACKFILL, COMPLETE IN PLACE	LF	624	\$230.00	\$143,520.00	\$325.61	\$203,180.64	\$268.00	\$167,232.00
6	TYPE "B-B" INLET, ALL DEPTHS; COMPLETE IN PLACE	EA	14	\$4,550.00	\$63,700.00	\$3,277.00	\$45,878.00	\$4,650.00	\$65,100.00
7	TYPE "C" MANHOLE FOR STORM SEWER, ALL DEPTHS, COMPLETE IN PLACE	EA	11	\$5,400.00	\$59,400.00	\$3,955.00	\$43,505.00	\$4,135.00	\$45,485.00
8	TYPE "C" MANHOLE FOR STORM SEWER BUILT ON EXISTING STORM SEWER IN PARK VILLAGE DRIVE, ALL DEPTHS, COMPLETE IN PLACE	EA	1	\$6,500.00	\$6,500.00	\$6,780.00	\$6,780.00	\$9,630.00	\$9,630.00
9	STORM TROOPER MODEL SWST-05C HYDRODYNAMIC SEPARATOR, COMPLETE IN PLACE	EA	1	\$31,000.00	\$31,000.00	\$26,555.00	\$26,555.00	\$22,700.00	\$22,700.00
10	TYPE "E" INLET, ALL DEPTHS; COMPLETE IN PLACE	EA	4	\$3,550.00	\$14,200.00	\$3,955.00	\$15,820.00	\$2,800.00	\$11,200.00
11	TRENCH SAFETY, ALL DEPTHS, COMPLETE IN PLACE	LF	2073	\$0.10	\$207.30	\$0.11	\$228.03	\$0.01	\$20.73
12	CLEAN AND TV PROPOSED STORM SEWER SYSTEM (ALL SIZES), COMPLETE IN PLACE	LF	2073	\$5.00	\$10,365.00	\$5.65	\$11,712.45	\$4.30	\$8,913.90
13	CONVERT EXISTING B-B INLET TO VALLEY GRATE TOP INLET (4 GRATES)	EA	1	\$3,000.00	\$3,000.00	\$7,345.00	\$7,345.00	\$9,500.00	\$9,500.00
14	TYPE "C" MANHOLE WITH RESTRICTOR ASSEMBLY; COMPLETE IN PLACE	EA	1	\$8,500.00	\$8,500.00	\$7,345.00	\$7,345.00	\$11,700.00	\$11,700.00
STORM SEWER ITEMS SUBTOTAL:					\$572,547.30	\$592,911.43	\$646,732.63		
PAVING ITEMS									
1	6" THICK REINFORCED CONCRETE PAVEMENT; COMPLETE IN PLACE	SY	6705	\$55.50	\$372,127.50	\$60.46	\$405,384.30	\$56.00	\$375,480.00
2	4"X12" MOUNTABLE REINFORCED CONCRETE CURB; COMPLETE IN PLACE	LF	3923	\$5.50	\$21,576.50	\$5.14	\$20,164.22	\$4.50	\$17,653.50
3	6" REINFORCED CONCRETE CURB; COMPLETE IN PLACE	LF	1190	\$5.50	\$6,545.00	\$5.14	\$6,116.60	\$4.50	\$5,355.00
4	6" LIME STABILIZED SUBGRADE, INCLUDES COMPACTION TO 95% STANDARD PROCTOR DENSITY; COMPLETE IN PLACE	SY	7576	\$3.45	\$26,137.20	\$5.37	\$40,683.12	\$4.30	\$32,576.80
5	LIME FOR SUBGRADE STABILIZATION (7% LIME BY WEIGHT) AS REQUIRED BY SOIL CONDITIONS AND APPROVED BY THE GEOTECHNICAL ENGINEER, COMPLETE IN PLACE	TON	140	\$315.00	\$44,100.00	\$310.75	\$43,505.00	\$350.00	\$49,000.00
6	4.5" THICK REINFORCED CONCRETE SIDEWALK, 5' WIDE; COMPLETE IN PLACE (RESERVE AND OFF-SITE)	SF	11380	\$7.25	\$82,505.00	\$7.35	\$83,643.00	\$6.20	\$70,556.00
7	4.5" THICK REINFORCED CONCRETE SIDEWALK, 5' WIDE; COMPLETE IN PLACE (LOT FRONTAGES)	SF	14065	\$7.25	\$101,971.25	\$6.22	\$87,484.30	\$2.00	\$28,130.00
8	SAWCUT PAVEMENT, INSTALL AND DOWEL 6" CONCRETE CURB INTO EXISTING PAVEMENT; COMPLETE IN PLACE	LF	226	\$40.00	\$9,040.00	\$28.25	\$6,384.50	\$24.00	\$5,424.00
9	REMOVE AND REPLACE CONCRETE PAVEMENT TO MATCH EXISTING FOR OPEN CUT PLACEMENT OF 42" STORM SEWER AND MANHOLE CONSTRUCTION WITHIN PARK VILLAGE DRIVE, INCLUDES OFFSITE DISPOSAL, COMPLETE IN PLACE	SY	32	\$265.00	\$8,480.00	\$226.00	\$7,232.00	\$115.00	\$3,680.00
10	2' SAWCUT FULL DEPTH OF EXISTING CONCRETE PAVEMENT; COMPLETE IN PLACE	LF	158	\$12.00	\$1,896.00	\$24.86	\$3,927.88	\$24.00	\$3,792.00
11	PERMANENT TRAFFIC CONTROL DEVICES (BUTTONS, SIGNAGE, ETC.)	LS	1	\$6,500.00	\$6,500.00	\$7,345.00	\$7,345.00	\$4,400.00	\$4,400.00
12	ADA RAMP WITH TRUNCATED DOMES; COMPLETE IN PLACE	EA	7	\$1,700.00	\$11,900.00	\$1,977.50	\$13,842.50	\$2,200.00	\$15,400.00
PAVING ITEMS SUBTOTAL:					\$692,778.45	\$725,712.42	\$611,447.30		

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 TO SERVE SANDROCK GARDENS
 HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 460
 CITY OF HOUSTON, HARRIS COUNTY, TEXAS
 JANUARY 17, 2023
 LJA ENGINEERING, INC.
 P.CHATTERJEE
 JANUARY 17, 2023
 2792-2102 (9.2)

BID OPENING DATE:
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ITEM	DESCRIPTION	UNIT	QTY	7) PRECISE SERVICES INC.		8) RODRIGUEZ CONSTRUCTION GROUP, LLC		9) ICON GC LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
SWPPP ITEMS									
1	SWPPP COMPLIANCE AND INSPECTIONS	LS	1	\$4,900.00	\$4,900.00	\$1,695.00	\$1,695.00	\$7,200.00	\$7,200.00
2	INSTALLATION MAINTENANCE AND REMOVAL OF STABILIZED CONSTRUCTION ENTRANCE; COMPLETE IN PLACE	EA	1	\$2,150.00	\$2,150.00	\$2,260.00	\$2,260.00	\$4,200.00	\$4,200.00
3	INSTALLATION MAINTENANCE AND REMOVAL OF CONCRETE TRUCK WASHOUT PIT; COMPLETE IN PLACE	EA	1	\$1,600.00	\$1,600.00	\$2,260.00	\$2,260.00	\$2,000.00	\$2,000.00
4	INSTALLATION MAINTENANCE AND REMOVAL OF INLET PROTECTION BARRIERS; COMPLETE IN PLACE	EA	22	\$75.00	\$1,650.00	\$113.00	\$2,486.00	\$175.00	\$3,850.00
5	PLACEMENT & REMOVAL OF FILTER FABRIC FENCING	LF	8824	\$2.50	\$22,060.00	\$1.86	\$16,412.64	\$4.00	\$35,296.00
6	SOLID SOD 1.5' STRIP ALONG BACK OF CURB	SY	654	\$8.15	\$5,330.10	\$6.78	\$4,434.12	\$5.50	\$3,597.00
SWPPP ITEMS SUBTOTAL:					\$37,690.10		\$29,547.76		\$56,143.00
EARTHWORK									
1	UTILITY SPOILS W/ ON-SITE PLACEMENT, COMPLETE IN PLACE	CY	3845	\$4.90	\$18,840.50	\$4.24	\$16,302.80	\$8.00	\$30,760.00
2	ROADWAY EXCAVATION W/ ON-SITE PLACEMENT, COMPLETE IN PLACE	CY	2424	\$4.90	\$11,877.60	\$7.63	\$18,495.12	\$8.00	\$19,392.00
3	FINAL LOT GRADING INCLUDE STRIPPING AND PROOF ROLLING, HAULING, PLACEMENT AND COMPACTION OF FILL AND REPLACEMENT OF STRIPPINGS, COMPLETE IN PLACE	EA	69	\$215.00	\$14,835.00	\$339.00	\$23,391.00	\$450.00	\$31,050.00
EARTHWORK SUBTOTAL:					\$45,553.10		\$58,188.92		\$81,202.00
MISCELLANEOUS ITEMS									
1	TEMPORARY TRAFFIC CONTROL PLAN AND REGULATION	LS	1	\$6,000.00	\$6,000.00	\$5,033.17	\$5,033.17	\$6,600.00	\$6,600.00
2	DEVELOPER'S BOND	EA	1	\$32,500.00	\$32,500.00	\$42,940.00	\$42,940.00	\$5,000.00	\$5,000.00
3	DEWATERING, AS AUTHORIZED BY THE ENGINEER, COMPLETE IN PLACE	LF	300	\$30.00	\$9,000.00	\$20.34	\$6,102.00	\$30.85	\$9,255.00
MISCELLANEOUS ITEMS SUBTOTAL:					\$47,500.00		\$54,075.17		\$20,855.00
POND DETENTION									
1	DETENTION POND EXCAVATION AND ON-SITE FILL PLACEMENT AND COMPACTION, COMPLETE IN PLACE	CY	10616	\$4.90	\$52,018.40	\$9.04	\$95,968.64	\$7.80	\$82,804.80
2	STORMWATER QUALITY FEATURE-FLOATABLES COLLECTION SCREEN	EA	1	\$13,500.00	\$13,500.00	\$16,950.00	\$16,950.00	\$6,124.00	\$6,124.00
3	4-1/2" THICK REINFORCED 4' CONCRETE LINED SWALE, COMPLETE IN PLACE	LF	724	\$57.50	\$41,630.00	\$42.94	\$31,088.56	\$51.00	\$36,924.00
4	6" SLOPED PAVING AT OUTFALL STRUCTURES	SY	62	\$130.00	\$8,060.00	\$197.75	\$12,260.50	\$100.00	\$6,200.00
5	HYDROMULCH SEEDING AND FINE GRADING OF DETENTION POND SIDE SLOPES, COMPLETE IN PLACE	AC	1.6	\$2,550.00	\$4,080.00	\$2,825.00	\$4,520.00	\$5,210.00	\$8,336.00
POND DETENTION SUBTOTAL:					\$119,288.40		\$160,787.70		\$140,388.80
ALTERNATE BID ITEM NO. 1									
1	NEAR SIDE, DOUBLE OR SINGLE 1/2" TO 1 1/2" WATER LINE SERVICES, INCLUDING METER BOX AND ALL NECESSARY CONNECTOS AND TAPS, COMPLETE IN PLACE	EA	14	\$1,150.00	\$16,100.00	\$1,435.10	\$20,091.40	\$2,550.00	\$35,700.00

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ITEM	DESCRIPTION	UNIT	QTY	7) PRECISE SERVICES INC.		8) RODRIGUEZ CONSTRUCTION GROUP, LLC		9) ICON GC LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
2	FAR SIDE, DOUBLE OR SINGLE 1/2" TO 1 1/2" WATER LINE SERVICES, INCLUDING METER BOX AND ALL NECESSARY CONNECTOS AND TAPS, COMPLETE IN PLACE	EA	46	\$3,350.00	\$154,100.00	\$2,327.80	\$107,078.80	\$3,200.00	\$147,200.00
ALTERNATE BID ITEM NO. 1 SUBTOTAL:					\$170,200.00	\$127,170.20	\$182,900.00		
ALTERNATE BID ITEMS NO. 2									
1	OFF-SITE DISPOSAL OF SPOILS IN LIEU OF POND DETENTION ITEM NO. 1, COMPLETE IN PLACE	CY	10616	\$20.00	\$212,320.00	\$27.12	\$287,905.92	\$20.00	\$212,320.00
ALTERNATE BID ITEMS NO. 2 SUBTOTAL:					\$212,320.00	\$287,905.92	\$212,320.00		
<u>BIDDING SUMMARY</u>									
SUBTOTAL WATER LINE ITEMS					\$167,203.50	\$173,549.20	\$159,472.35		
SUBTOTAL SANITARY SEWER ITEMS					\$278,621.00	\$282,227.40	\$381,140.60		
SUBTOTAL STORM SEWER ITEMS					\$572,547.30	\$592,911.43	\$646,732.63		
SUBTOTAL PAVING ITEMS					\$692,778.45	\$725,712.42	\$611,447.30		
SUBTOTAL SWPPP ITEMS					\$37,690.10	\$29,547.76	\$56,143.00		
SUBTOTAL EARTHWORK					\$45,553.10	\$58,188.92	\$81,202.00		
SUBTOTAL MISCELLANEOUS ITEMS					\$47,500.00	\$54,075.17	\$20,855.00		
SUBTOTAL POND DETENTION					\$119,288.40	\$160,787.70	\$140,388.80		
TOTAL AMOUNT BASE BID					\$1,961,181.85	\$2,077,000.00	\$2,097,381.68		
<u>ALTERNATE BID ITEM NO. 1</u>									
TOTAL AMOUNT BASE BID					\$1,961,181.85	\$2,077,000.00	\$2,097,381.68		
SUBTOTAL ALTERNATE BID ITEM NO. 1					\$170,200.00	\$127,170.20	\$182,900.00		
TOTAL AMOUNT INCLUDING ALTERNATE BID ITEM NO. 1					\$2,131,381.85	\$2,204,170.20	\$2,280,281.68		
<u>ALTERNATE BID ITEMS NO. 2</u>									
TOTAL AMOUNT BASE BID					\$1,961,181.85	\$2,077,000.00	\$2,097,381.68		
DEDUCT POND DETENTION ITEM NO.1					-\$52,018.40	-\$95,968.64	-\$82,804.80		
SUBTOTAL ALTERNATE BID ITEMS NO. 2					\$212,320.00	\$287,905.92	\$212,320.00		
TOTAL AMOUNT INCLUDING ALTERNATE BID ITEMS NO. 2					\$2,121,483.45	\$2,268,937.28	\$2,226,896.88		

