Owner: Great Lakes Water Authority (GLWA)
Title: CSO Outfall Rehabilitation – Phase IV

Contract No.: 1902658

#2-	#2- 7	#2-	#2- 5	#2- 4	#2- 3	#2-	#2- 1	2	#1- 7	6 #1-	5 #1-	#1- 4	3 #1-	#1-	#1-	1		#
Remove Debris	Manhole/Chimney Rehabilitation	Seal Infiltration with Chemical Grout	Repair Delaminating Liner B-12	Deep Concrete Repair	Shutdown Days	B-19 Spot Repairs Allowance (\$500,000)	Engineer Directed Repairs		SUB-TOTAL LUMP SUM ITEMS (#1-1 to #1-6)	Misc. Site Work	Construct Temp. Cofferdam at Outfall B-10	Construct Outfall B-19 Stop Log Chamber and Gate	Install New Regulator Gate Outfall B-16	Flow Control and Access	Mobilization		Description	
60	2	400	3000	335	100	1	1		1	-	Н	Ъ	Д	н	1		QTY	
TONS	EACH	GAL	SF	SF	Days	LS	LS		LS	r?	ST	LS	LS	LS	LS		Unit of Measure	
\$300.00	\$7,000.00	\$100.00	\$35.00	\$220.00	\$10.00	\$500,000.00	\$1,100,000.00		\$2,120,000.00	\$125,000.00	\$ 250,000.00	\$850,000.00	\$45,000.00	\$500,000.00	\$350,000.00		Unit Price	Marra Services, Inc
\$18,000.00	\$14,000.00	\$40,000.00	\$105,000.00	\$73,700.00	\$1,000.00	\$500,000.00	\$1,100,000.00		\$2,120,000.00	\$125,000.00	\$250,000.00	\$850,000.00	\$45,000.00	\$500,000.00	\$350,000.00		Total Cost	Inc
\$485.00	\$6,000.00	\$85.00	\$145.00	\$185.00	\$865.00	\$ 500,000.00	\$ 1,100,000.00		\$1,737,500.00	\$60,000.00	\$82,500.00	\$1,150,000.00	\$20,000.00	\$295,000.00	\$110,000.00		Unit Price	Inland Waters Pollution Control
\$29,100.00	\$12,000.00	\$34,000.00	\$435,000.00	\$61,975.00	\$86,500.00	\$500,000.00	\$1,100,000.00		\$1,737,500.00	\$00,000,000	\$82,500.00	\$1,150,000.00	\$20,000.00	\$295,000.00	\$110,000.00		Total Cost	ollution
\$357.00	\$4,331.00	\$124.00	\$78.00	\$200.00	\$400.00	\$500,000.00	\$1,100,000.00		\$2,184,327.30	00.000,001	\$560,000.00	\$546,773.40	\$81,650.90	\$590,000.00	\$255,903.00		Unit Price	LGC Global, Inc.
\$21,420.00	\$8,662.00	\$49,600.00	\$234,000.00	\$67,000.00	\$40,000.00	\$500,000.00	\$1,100,000.00		\$2,184,327.30	\$130,000.00	\$560,000.00	\$546,773.40	\$81,650.90	\$590,000.00	\$255,903.00		Total Cost	1-



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25	14	#2-	23	#2-	#2- 22	21	#2-	20	#2-	19	± 2	#2-	17	#2-	16	#2-	15	#2-	14	#2-	13	#2-	#2- 12	11	#2-	10	#2-	9	#3-		#
вроху стаск керап	+	Open Joint Repair		Install New Flap Gates B-18,	Pipe Crown Repair at B-16		_	Frames B-9	Remove Abandoned Gate	Backwater Gates	Backwater Gates	Seal Leaking Sewer	16, B-22	Abandon Float Chamber B-		Replace Access Hatches	(Repair Rough Taps	and Roots	Remove Mineral Deposits	Gates	Rehabilitate Regulator	Deteriorated Brick Repairs		Replace Backwater Gate	Mortar	Tuckpointing Deteriorated	22	Renair Hatch Sunnort at B-	Description	
2	70	350	200	4	2		78		2	۰	-	1		33		15		71		125		10	700		4		600		w	QTY	
F	10	LF	The second second	EACH	EACH		SF		EACH	FACIL	EVCE	EACH		CYD		HATCHES		EACH		SF		GATES	Ş		EACH		SF		LH	Unit of Measure	
\$123.00	\$125.00	\$300.00	0.000	\$13,000.00	\$30,000.00		\$250.00		\$4,000.00	#10,000.00	\$10,000,00	\$10,000.00		\$500.00		\$15,000.00		\$1,000.00		\$100.00		\$18,000.00	\$100.00		\$40,000.00		\$100.00		\$3.000.00	Unit Price	Marra Services, Inc
#2,373.00	\$9 275 NO	\$105,000.00		\$52,000.00	\$60,000.00		\$19,500.00		\$8,000.00	#10,000.00	\$10,000,00	\$10,000.00		\$16,500.00		\$225,000.00		\$71,000.00		\$12,500.00		\$180,000.00	\$/0,000.00	3	\$160,000.00		\$60,000.00		\$9,000.00	Total Cost	, Inc
60000	\$65.00	\$205.00		\$19,500.00	\$38,500.00		\$450.00		\$4,475.00	1 2	\$24.750.00	\$27,250.00	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$485.00		\$17,000.00		\$650.00		\$25.00		\$13,500.00	\$1/5.00	1 000	\$41,750.00		\$15.00		\$1,650.00	Unit Price	Inland Waters Pollution Control
#1,000	\$4 875 00	\$71,750.00		\$78,000.00	\$77,000.00		\$35,100.00		\$8,950.00	41 2/2 00000	\$24 750 00	\$27,250.00	1	\$16,005.00		\$255,000.00		\$46,150.00		\$3,125.00		\$135,000.00	\$122,500.00	20000	\$167,000.00		\$9,000.00		\$4,950.00	Total Cost	Pollution
	\$124.00	\$600.00		\$18,380.00	\$32,500.00		\$310.00		\$ 3,505.05		\$23,000,00	\$21,000.00	200	\$811.30		\$15,673.15		\$980.00		\$76.00		\$14,475.00	\$180.00	*10000	\$40,361.00		\$29.50		\$ 342.65	Unit Price	LGC Global, Inc.
40,000	\$9 300 00	\$ 210,000.00		\$73,520.00	\$65,000.00		\$24,180.00		\$7,010.10		\$73,000,00	\$21,000.00	2000	\$26,772.90		\$ 235,097.25		\$69,580.00		\$9,500.00		\$144,750.00	\$120,000.00	*136,000,00	\$161,444.00		\$17,700.00		\$1,027.95	Total Cost	,.



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#				Marra Services, Inc	Inc	Inland Waters Pollution	ollution	LGC Global, Inc.
						:		:
	Description	QTY	Unit of Measure	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price
#2-	Replace Manhole Frame	41	EACH	\$3,500.00	\$143,500.00	\$12,850.00	\$526,850.00	\$2,145.00
26	and Cover							
#2-	Investigate Bulge in Liner	1	EACH	\$8,000.00	\$8,000.00	\$12,000.00	\$12,000.00	\$ 8,762.65
27	B-22							
#2-	Grout Voids Behind CIPP	450	CYD	\$440.00	\$198,000.00	\$500.00	\$225,000.00	\$980.00
28	Liner B-10							
#2-	SUB-TOTAL UNIT PRICE ND	1	S	\$3,279,075.00	\$3,279,075.00	\$4,108,830.00	\$4,108,830.00	\$3,783,271.85 \$3,783,271.85
29	ALLOWANCE ITEMS (#2-1-							
	#2-28)							
	Grand Total				\$5,399,075.00		\$5,846,330.00	

Approve to Publish by: Irve Clarks cales