



Procurement Form (FOR)

Effective Date:
5/1/2019

Document #:
FSA_PRO_FOR_0039

Revision Date:
4/5/2023

Revision#:
2

Document Title:
Procurement Board Report-RFP

Document Owner/Department:
Procurement Team

Date: December 1, 2023
To: Suzanne R. Coffey, P.E., Chief Executive Officer
From: Daniel Edwards, Procurement Manager
Re: Procurement Report

General Information

Contract Number:	2302652	Project Owner:	Mini Panicker
CIP#:	260211		
Contract Title:	Emergency and Urgent Sewer Evaluation Repair and Rehabilitation II		
Vendor:	LGC Global Inc.		
Budget:	Capital Project & O&M		

Procurement Method

Competitively bid – Request for Proposal (RFP) Qualification Based Selection (QBS) – Evaluation Committee			
Advertised:	August 24, 2023	Addendums released:	3
Buyer:	Dana Thurman	Downloaded by:	72
Response due date:	October 6, 2023	*Responses received:	1

Cost Summary – LGC Global Inc.

Task	Description	Proposed Cost	Negotiated Cost
1	Mobilization/Demobilization (Maximum of 5% of Bid Items 2 through 98)	\$155,000.00	\$155,000.00
2	Traffic Control Set up/ Maintain & Removal, 1-Way Street	250.00	250.00
3	Traffic Control Set up/ Maintain & Removal, 2-Lane Street	280.00	280.00
4	Traffic Control Set up/ Maintain & Removal, 3-Lane Street	440.00	440.00
5	Traffic Control Set up/ Maintain & Removal, 4-Lane Street	560.00	560.00
6	Traffic Control Set up/ Maintain & Removal, Greater than 4-Lane Street	700.00	700.00



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7	Locate and Raise Manhole in Pavement up to 12 inch depth	5,375.00	5,375.00
8	Locate and Raise Manhole in Pavement Greater than 12 inch depth and up to 48 inch depth	8,675.00	8,675.00
9	Locate and Raise Manhole Not in Pavement up to 12 inch depth	4,275.00	4,275.00
10	Locate and Raise Manhole Not in Pavement Greater than 12 inch depth and up to 48 inch depth	7,775.00	7,775.00
11	Replace 24-inch Manhole Casting and Cover in Pavement	2,900.00	2,900.00
12	Replace 24-inch Manhole Casting and Cover Not in Pavement	2,500.00	2,500.00
13	Replace 30-inch Manhole Casting and Cover in Pavement	3,450.00	3,450.00
14	Replace 30-inch Manhole Casting and Cover Not in Pavement	3,000.00	3,000.00
15	Replace 36-inch Manhole Casting and Cover in Pavement	4,805.83	4,805.83
16	Replace 36-inch Manhole Casting and Cover Not in Pavement	4,271.84	4,271.84
17	Replace Manhole Steps	170.00	170.00
18	Sewer Video Inspection, CCTV, 48 inch high to Less than 72 inch high	9.50	9.50
19	Sewer Video Inspection, CCTV, 72 inch high to Less than 96 inch high	9.50	9.50



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20	Sewer Video Inspection, CCTV, 96 inch high to less than 120 inch high	12.00	12.00
21	Sewer Video Inspection, CCTV, 120 inch high to 144 inch high	13.00	13.00
22	Sewer Video Inspection, CCTV, greater than 144 inch high	13.00	13.00
23	Heavy Sewer Cleaning, Jet/Vac	230.00	230.00
24	Heavy Sewer Cleaning, Mechanical and/or Man-Entry Cleaning, 48 inch high to Less than 72 inch high	420.00	420.00
25	Heavy Sewer Cleaning, Mechanical and/or Man-Entry Cleaning, 72 inch high to Less than 96 inch high	420.00	420.00
26	Heavy Sewer Cleaning, Mechanical and/or Man-Entry Cleaning, 96 inch high to Less than 120 inch high	420.00	420.00
27	Heavy Sewer Cleaning, Mechanical and/or Man-Entry Cleaning, 120 inch high to 144 inch high	420.00	420.00
28	Heavy Sewer Cleaning, Mechanical and/or Man-Entry Cleaning, greater than 144 inch high	850.00	850.00
29	Heavy Sewer Cleaning, Material Transport and Disposal of Material	1,400.00	1,400.00
30	Spot Repair of Existing Sewer Performed Internally - Concrete repair	230.00	230.00
31	Spot Repair of Existing Sewer Performed Internally - Concrete Repair for Visible Reinforcement	238.00	238.00
32	Spot Repair of Existing Sewer Performed Internally - Hole Repair	1,925.00	1,925.00
33	Spot Repair of Existing Sewer Performed Internally - Concrete Joint Repair	305.00	305.00
34	Spot Repair of Existing Sewer Performed Internally - Missing/Displaced Brick Repair	148.00	148.00



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35	Spot Repair of Existing Sewer Performed Internally - Missing/Displaced Clay Tile Repair	148.00	148.00
36	Spot Repair of Existing Sewer Performed Internally - Missing Mortar Repair	40.00	40.00
37	Spot Repair of Existing Sewer Performed Internally - Fracture/Crack Repair	100.00	100.00
38	Spot Repair of Existing Sewer Performed Internally - Seal Infiltration Runner/Gusher with Hydraulic Cement	265.00	265.00
39	Spot Repair of Existing Sewer Performed Internally - Seal Infiltration Runner/Gusher with Chemical Grout	92.00	92.00
40	Geopolymer Liner, 2" thickness, Full Interior Surface, 60 inch to less than 72 inch Host Sewer Diameter or Equivalent Diameter	84.00	84.00
41	Geopolymer Liner, 2" thickness, Full Interior Surface, 72 inch to less than 84 inch Host Sewer Diameter or Equivalent Diameter	84.00	84.00
42	Geopolymer Liner, 2" thickness, Full Interior Surface, 84 inch to less than 96 inch Host Sewer Diameter or Equivalent Diameter	84.00	84.00
43	Geopolymer Liner, 2" thickness, Full Interior Surface, 96 inch to less than 108 inch Host Sewer Diameter or Equivalent Diameter	84.00	84.00
44	Geopolymer Liner, 2" thickness, Full Interior Surface, 108 inch to less than 120 inch Host Sewer Diameter or Equivalent Diameter	84.00	84.00
45	Geopolymer Liner, 2" thickness, Full Interior Surface, 120 inch to 144 inch Host Sewer Diameter or Equivalent Diameter	84.00	84.00



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46	Geopolymer Liner, 2" thickness, Full Interior Surface, greater than 144 inch Host Sewer Diameter or Equivalent Diameter	84.00	\$84.00
47	CIPP 48 inch Diameter or Equivalent Diameter x 24.0 mm (up to 400 LF for one set up)	303,600.00	303,600.00
48	CIPP 48 inch Diameter or Equivalent Diameter increase in thickness per 1.5 mm	30.00	30.00
49	Additional CIPP 48 inch Diameter or Equivalent Diameter x 24.0 mm	34,250.00	34,250.00
50	CIPP 54 inch Diameter or Equivalent Diameter x 27.0 mm (up to 400 LF for one set up)	334,000.00	334,000.00
51	CIPP 54 inch Diameter or Equivalent Diameter increase in thickness per 1.5 mm	32.00	32.00
52	Additional CIPP 54 inch Diameter or Equivalent Diameter x 27.0 mm	37,700.00	37,700.00
53	CIPP 60 inch Diameter or Equivalent Diameter x 30.0 mm (up to 400 LF for one set up)	366,000.00	366,000.00
54	CIPP 60 inch Diameter or Equivalent Diameter increase in thickness per 1.5 mm	38.00	38.00
55	Additional CIPP 60 inch Diameter or Equivalent Diameter x 30.0 mm	41,200.00	41,200.00
56	CIPP 72 inch Diameter or Equivalent Diameter x 36.0 mm (up to 400 LF for one set up)	757,600.00	757,600.00
57	CIPP 72 inch Diameter or Equivalent Diameter increase in thickness per 1.5 mm	43.00	43.00
58	Additional CIPP 72 inch Diameter or Equivalent Diameter x 36.0 mm	83,350.00	83,350.00
59	CIPP 84 inch Diameter or Equivalent Diameter x 41.0 mm (up to 400 LF for one set up)	888,000.00	\$888,000.00



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60	CIPP 84 inch Diameter or Equivalent Diameter increase in thickness per 1.5 mm	51.00	51.00
61	Additional CIPP 84 inch Diameter or Equivalent Diameter x 41.0 mm	100,000.00	100,000.00
62	Sewer Sliplining, FRPMP or GRP Liner, 60 inch Diameter or Equivalent Diameter Host Sewer	2,781.00	2,781.00
63	Sewer Sliplining, FRPMP or GRP Liner, 66 inch Diameter or Equivalent Diameter Host Sewer	2,874.00	2,874.00
64	Sewer Sliplining, FRPMP or GRP Liner, 72 inch Diameter or Equivalent Diameter Host Sewer	3,010.00	3,010.00
65	Sewer Sliplining, FRPMP or GRP Liner, 78 inch Diameter or Equivalent Diameter Host Sewer	3,145.00	3,145.00
66	Sewer Sliplining, FRPMP or GRP Liner, 84 inch Diameter or Equivalent Diameter Host Sewer	3,262.00	3,262.00
67	Sewer Sliplining, FRPMP or GRP Liner, 90 inch Diameter or Equivalent Diameter Host Sewer	3,340.00	3,340.00
68	Sewer Sliplining, FRPMP or GRP Liner, 96 inch Diameter or Equivalent Diameter Host Sewer	3,400.00	3,400.00
69	Sewer Sliplining, FRPMP or GRP Liner, 108 inch Diameter or Equivalent Diameter Host Sewer	3,810.00	3,810.00
70	Sewer Sliplining, FRPMP or GRP Liner, 90 inch Diameter or Equivalent Diameter Host Sewer	3,340.00	3,340.00
71	Sewer Sliplining, FRPMP or GRP Liner, 120 inch Diameter or Equivalent Diameter Host Sewer	4,126.00	4,126.00
72	48" Manhole Less than 15 feet deep	320.00	320.00



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73	48" Manhole 15 feet to less than 20 feet deep	320.00	320.00
74	48" Manhole 20 feet to less than 30 feet deep	320.00	320.00
75	48" Manhole 30 feet to less than 40 feet deep	320.00	320.00
76	60" Manhole Less than 15 feet deep	413.00	413.00
77	60" Manhole 15 feet to less than 20 feet deep	413.00	413.00
78	60" Manhole 20 feet to less than 30 feet deep	413.00	413.00
79	60" Manhole 30 feet to less than 40 feet deep	413.00	413.00
80	72" Manhole Less than 15 feet deep	534.00	534.00
81	72" Manhole 15 feet to less than 20 feet deep	534.00	534.00
82	72" Manhole 20 feet to less than 30 feet deep	534.00	534.00
83	72" Manhole 30 feet to less than 40 feet deep	534.00	534.00
84	Temporary Sewer Bypass Pumping, up to 500 gpm and 500 LF of pipe discharge line	1,500.00	1,500.00
85	Temporary Sewer Bypass Pumping, greater than 500 gpm up to 1,000 gpm and greater than 500 LF up to 1,000 LF of pipe discharge line	2,150.00	2,150.00
86	Temporary Sewer Bypass Pumping, up to 500 gpm and 500 LF of pipe discharge line	4,800.00	4,800.00



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87	Temporary Sewer Bypass Pumping, greater than 500 gpm up to 1,000 gpm and greater than 500 LF up to 1,000 LF of pipe discharge line	8,000.00	8,000.00
88	Temporary Sewer Bypass Pumping, up to 500 gpm and 500 LF of pipe discharge line	15,500.00	15,500.00
89	Temporary Sewer Bypass Pumping, greater than 500 gpm up to 1,000 gpm and greater than 500 LF up to 1,000 LF of pipe discharge line	22,000.00	22,000.00
90	Manhole Inspection and Report per GLWA specifications	300.00	300.00
91	Outfall Inspection	0.00	1,100.00
92	Project Manager	255.00	255.00
93	Project Engineer	195.00	195.00
94	Flow Control Manager	170.00	170.00
95	Engineer	150.00	150.00
96	CAD Technician	115.00	115.00
97	Laborer - Straight Time	120.00	120.00
98	Supply Jet-Vac Truck w/Operator - Straight Time Only	210.00	210.00

Provisionary Allowance is an amount included in the Contract Price to reimburse the Contractor for the cost to furnish and perform Work that is uncertain. Any remaining balance upon Final Completion shall be retained by the GLWA and not paid to the Contractor.

*Only one proposal was received, GLWA contacted all the individuals who downloaded the document but did not respond, the results are attached in the vendor response survey. In addition,



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GLWA Analyzed the previous contractors' unit costs. In comparison, the unit costs for this proposal are slightly lower.

This analysis confirmed that rates are in competitive range. The rates and allowances (if any) are illustrated in the attached cost tabulation.

Evaluation Committee: (Designation - Organization)

- A - Manager
- B - Director
- C - Director
- D - Officer

Evaluation Score(s) - Maximum Score Possible: 100

The Evaluation Committee independently reviewed and scored the proposals in accordance with GLWA's policy. The rankings are below.

Vendor (Highest to lowest score)	Score without B.I.D.	Score with B.I.D.
LGC Global Inc.	80.87	83.87

Vendor Name	B.I.D. Plan (Pass/Fail)	Score w/o B.I.D.	State of Michigan (1 pt.)	GLWA Territory Area (1 pt.)	Economically Disadvantaged Territory (1 pt.)	Score w/B.I.D.	Certifications
LGC Global Inc.	Pass	80.87	1	1	1	83.87	No

Business Inclusion and Diversity (B.I.D.)

- B.I.D. program required B.I.D. program not required
- The recommended vendor for award submitted a B.I.D. plan per the requirements under this solicitation.
- The recommended vendor for award did not submit a B.I.D. plan per the requirements



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under this solicitation.

The vendor received points for the following scored criteria:

- Business presence in State of Michigan
- Business presence in GLWA service territory area (Detroit)
- Business presence in economically disadvantaged GLWA service territory area (Wayne County - City of Detroit)

Other Data Requested by GLWA Board Members for Recommended Vendor

Minority Business Enterprise (MBE): No
Small Business Enterprise (SBE): No
Woman Business Enterprise (WBE): No
Disadvantaged Business Enterprise (DBE): No
Detroit Based Business (DBB): Yes

Sub-Contractor(s) List:

- FK Engineering Associates
- Jay Dee Contractors
- Applied Science, Inc.
- Hamlett Engineering Sales Company (HESCO)
- SAK Construction, LLC
- Marra Services
- Mersino, Inc.
- Metro Consulting Associates (MCA)
- Process Controls & Instrumentation LLC (PCI)
- Rotor Electric Company
- Smith's Waterproofing
- Ric-Man Construction

Vendor Response Survey: Attached

Litigation

This vendor is not currently nor has been previously involved in any litigation with the GLWA.

Financials



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A financial risk assessment was performed by the GLWA via Dun & Bradstreet and was determined that the selected vendor has the financial capacity to perform the tasks under this contract. This information is available for the Board of Directors to review upon request.

Previous Contract

Previous contract holder: Inland Waters Pollution Control, Inc

The previous contract, 2102000, Emergency & Urgent Sewer Evaluation, Repair and Rehabilitation, was for the period of 7/1/2022 through 6/30/2024, for \$26,800,000.00. The contract amount differences between the two contracts are provided in the table below.

Description	Contract No. 2102000	Contract No. 2302652
Original Contract Amount	\$26,800,000.00	\$9,000,000.00
Renewal Option 1	13,400,000.00	4,500,000.00
Renewal Option 2	13,400,000.00	4,500,000.00
Total	\$53,600,000.00	\$18,000,000.00

Note: The current contract with Inland Waters Pollution Control will remain in effect. The initial scope was larger. GLWA intends to maintain both contracts on a staggered basis for work as needed.