

GLWA Great Lakes Water Authority	Procurement Form (FOR)						
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Contract No./Title: 2201101 Incinerator 11 Rehabilitation

Date: 12/8/2022

2224404		Commercial Contracting Corporation		F.H. Paschen		Hankin Environmental Systems, Inc	
2201101 - Incinerator 11 Rehabilitation -	Quantity	Unit	Total	Unit	Total	Unit	Total
Items  Task 1 - Emergency Bypass Damper Replacem	Required	Price	Cost	Price	Cost	Price	Cost
Emergency Bypass Damper Replacement, including bypass stack modifications shown on the drawings and as specified. The lumpsum price to include: demolition; and new work, including startup. Also see Item 2h.	1	\$ 812,150.0	\$ 812,150.0	\$ 800,966.0	\$ 800,966.0	\$ 938,520.0	\$ 938,520.
Task 2 - Internal Refractory and Other Improv	ements (8)						
Item 2a: In-Hearth Replacement as shown on the drawings and as specified. The unit price to include: demolition; new hearth construction using existing skewbacks	2	\$ 82,000.0	\$ 164,000.0	\$ 120,000.0	\$ 240,000.0	\$ 181,090.0	\$ 362,180.
Item 2b: Out-Hearth Replacement as shown on the drawings and as specified. The unit price to include: demolition; new hearth construction using existing skewbacks	1	\$ 75,000.0	\$ 75,000.0	\$ 112,000.0	\$ 112,000.0	\$ 210,060.0	\$ 210,060.
Item 2c: Sidewall Replacement as shown on the drawings and as specified. The unit price to include, demolition; new sidewall consisting of new refractory wall and insulation. Use existing skewbacks  Item 2d: Sidewall Replacement with new skebacks as shown on the drawings and as specified. The unit price to include: demolition;	13	\$ 1,200.0	\$ 15,600.0	\$ 1,700.0	\$ 22,100.0	\$ 2,840.0	\$ 36,920.
new skewbacks, new sidewall consisting of new refractory wall and insulation	22	\$ 1,500.0	\$ 33,000.0	\$ 1,900.0	\$ 41,800.0	\$ 2,250.0	\$ 49,500.
Item 2e: Rabble Arm Insulation as shown on the drawings and as specified. The unit price to include: demolition; new insulation consisting of new anchors and castable insulation. Match existing thickness for insulation. For estimation, use 3" thick average.	60	\$ 700	\$ 42,000.0	\$ 785	\$ 47,100.0	\$ 2,330.0	\$ 139,800.
Item 2f: Work door Repair as shown on the drawings and as specified. The unit price to include: demolition; and new insulation consisting of castable insulation. Match existing thickness for insulation.	4	\$ 1,200.0	\$ 4,800.0	\$ 1,200.0	\$ 4,800.0	\$ 8,950.0	\$ 35,800
Item 2g: All remaining repair work as shown on the drawings and as specified. The lumpsum price to include: demolition; and new work.  Match existing.  Item 2h: Startup, Dryout and Warmup as specified. This item to be coordinated with the dryout of refractory work under Item 1. It is assumed the entire dryout will take place at	1	\$ 26,000.0	\$ 26,000.0	\$ 72,000.0	\$ 72,000.0	\$ 84,460.0	\$ 84,460
once for all 4 tasks.	1	\$ 82,000.0	\$ 82,000.0	\$ 81,600.0	\$ 81,600.0	\$ 29,950.0	\$ 29,950
Task 3 - Hearth 1 and 2 Sludge Feed Drop Holo	Enlargemen	t (1)	ı				
Item 3: Hearth 1 and 2 Sludge Feed Drop Hole Enlargement as shown on the drawings and as specified. The lumpsum price to include: demolition; and new dropholes	1	\$ 120,000.0	\$ 120,000.0	\$ 182,600.0	\$ 182,600.0	\$ 72,690.0	\$ 72,690
Task 4 - Breech Modifications (1)							
Item 4: Breech Modifications as shown on the drawings and as specified. The lumpsum price to include: demolition; and new work	1	\$ 206,000.0	\$ 206,000.0	\$ 275,000.0	\$ 275,000.0	\$ 314,860.0	\$ 314,860
Miscellaneous (4)						I	
Item 5: Mobilization/Demobilization of entire work	1	\$ 110,000.0	\$ 110,000.0	\$ 120,000.0	\$ 120,000.0	\$ 115,890.0	\$ 115,890
Item 6: Photographic Documentation per Specification Section 01 32 33.	1	\$ 45,000.0	\$ 45,000.0	\$ 21,000.0	\$ 21,000.0	\$ 34,290.0	\$ 34,290
Item 7: Subcontractor Work markup, Overhead and Profit, and any other items not listed above. Note: this item shall include up to 200 digital photographs taken by handheld devices copied to a USB drive. This item shall not nclude Photographic Documentation per Specification Section 01 32 33, which shall be a separate Bid item as noted above.	1	\$ 550,450.0	\$ 550,450.0	\$ 323,017.0	\$ 323,017.0	\$ 273,830.0	\$ 273,830
Item 8: Project Allowance	1 1	\$ 200,000.0	\$ 200,000.0	\$ 323,017.0	\$ 323,017.0	\$ 200,000.0	\$ 273,830
Total Bid Price	1	Ψ Δ00,000.0	\$2,486,000.00	Ψ Δ00,000.0	\$2,543,983.00	φ Δ00,000.0	\$2,898,750.0

Approved: Gladys Cannon 12/8/22