



## Legislation Details (With Text)

**File #:** 2022-203      **Version:** 1      **Name:**  
**Type:** Resolution      **Status:** Passed  
**File created:** 5/24/2022      **In control:** Board of Directors  
**On agenda:** 6/22/2022      **Final action:** 6/22/2022  
**Title:** Contract No. 2200373  
WRRF PS No. 1 HVAC Equipment  
Vendor: ThermalNetics, Inc.  
**Sponsors:** Navid Mehram  
**Indexes:** Wastewater Operations  
**Code sections:**  
**Attachments:** 1. 2200373.Procurement Board Report-RFB, 2. 2200373.Cost Tabulation

Date	Ver.	Action By	Action	Result
6/22/2022	1	Board of Directors	Approved	Pass
6/8/2022	1	Operations and Resources Committee	Recommended for Approval	Pass

### Contract No. 2200373

### WRRF PS No. 1 HVAC Equipment

**Vendor:** ThermalNetics, Inc.

**Agenda of:** June 22, 2022

**Item No.:** **2022-203**

**Amount:** \$1,109,000.00

**TO:** The Honorable  
Board of Directors  
Great Lakes Water Authority

**FROM:** Suzanne R. Coffey, P.E.  
Interim Chief Executive Officer  
Great Lakes Water Authority

**DATE:** **May 27, 2022**

**RE:** **Contract No. 2200373**  
**WRRF PS No. 1 HVAC Equipment**  
**Vendor: ThermalNetics, Inc.**

### **MOTION**

Upon recommendation of Navid Mehram, Chief Operating Officer - Wastewater Operating Services, the Board of Directors (Board) of the Great Lakes Water Authority (GLWA), authorizes the Interim Chief Executive Officer (ICEO) to **enter into Contract No. 2200373, “WRRF PS No. 1 HVAC Equipment” with ThermalNetics, Inc., at a cost not to exceed \$1,109,000.00 for a duration of five (5) years;** and authorizes the ICEO to take such other action as may be necessary to accomplish the intent of this vote.

### **BACKGROUND**

GLWA Water Resource Recovery Facility (WRRF) Operations is finalizing the design and entering the procurement process for advertisement for construction of the Pump Station (PS) No. 1 Improvements. These improvements were identified in the June 2020 WRRF Master Plan and are part of the current Capital Improvement Plan (CIP# 211006). The Board approved the design contract in December of 2018. The project includes rehabilitation and/or replacement of major equipment at PS No. 1. This includes, but is not limited to, the pumps, valves, gates, actuators, Motor Control Centers, control systems and panels, HVAC equipment, and Structural and Architectural repairs. To aid the construction delivery and schedule, GLWA WRRF Operations is proposing to pre-purchase equipment with long lead times. The proposed equipment includes seven (7) HVAC units.

### **JUSTIFICATION**

Completing the Pump Station No. 1 Improvements Project is critical to WRRF Operations, and it is a Critical Path project that must be completed before beginning other improvements at WRRF. Pre-procuring this equipment will reduce the risk of construction delays and potential increases in raw material costs, in addition to helping GLWA maintain our schedule as determined in the Capital Improvement Plan.

### **FINANCIAL PLAN IMPACT**

**Summary:** Sufficient funds are provided in the financial plan for this project.

**Funding Source:** Sewer Construction Fund

**Cost Center:** Wastewater

**Expense Type:** Construction (5421-892211.000-616900-211006)

**Estimated Cost by Year and Related Estimating Variance:** See table below.

**Fiscal Year**

FY 2022 Plan	\$100,000.00
FY 2023 Plan	7,960,000.00
FY 2024 Plan	9,992,000.00
FY 2025 Plan	9,992,000.00
FY 2026 Plan	9,992,000.00
FY 2027 Plan	9,992,000.00
<u>FY 2028+ Plan</u>	<u>17,028,000.00</u>
Financial Plan Estimate	\$65,056,000.00
Proposed Contract Award	1,109,000.00
Balance reserved for construction:	\$63,947,000.00

The proposed contract award is for HVAC Equipment (Make-up Air Units) at Pump Station No. 1, the balance is reserved for the construction contract. Any additional funding needed for construction management will be processed with a change order from the capital reserve.

**COMMITTEE REVIEW**

This item was presented to the Operations and Resources Committee at its meeting on June 8, 2022. The Operations and Resources Committee unanimously recommended that the GLWA Board adopt the resolution as presented.

**SHARED SERVICES IMPACT**

This item does not impact the shared services agreement between GLWA and DWSD.

