



## Legislation Details (With Text)

**File #:** 2021-216      **Version:** 1      **Name:**  
**Type:** Resolution      **Status:** Passed  
**File created:** 6/1/2021      **In control:** Board of Directors  
**On agenda:** 6/23/2021      **Final action:** 6/23/2021  
**Title:** Contract No. 2004456  
14 Mile Road Transmission Loop - Phase II  
CIP# 122013 / BCE Score: 58.4  
**Sponsors:** Cheryl Porter, Grant Gartrell  
**Indexes:** Water Operations  
**Code sections:**  
**Attachments:** 1. 2004456 Procurement Report, 2. 2004456 Cost Tabulation, 3. 2004456 CIP Attachment

| Date      | Ver. | Action By                          | Action                   | Result |
|-----------|------|------------------------------------|--------------------------|--------|
| 6/23/2021 | 1    | Board of Directors                 | Approved                 | Pass   |
| 6/9/2021  | 1    | Operations and Resources Committee | Recommended for Approval | Pass   |

### Contract No. 2004456

### 14 Mile Road Transmission Loop - Phase II

### CIP# 122013 / BCE Score: 58.4

Agenda of: June 23, 2021  
Item No.: **2021-216**  
Amount: \$92,468,705.00

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

**FROM:** Sue F. McCormick  
Chief Executive Officer  
Great Lakes Water Authority

**DATE:** June 2, 2021

**RE:** **Contract No. 2004456**  
**14 Mile Road Transmission Loop - Phase II**  
**Vendor: Ric-Man/Clark JV (Joint Venture)**

## MOTION

Upon recommendation of Cheryl Porter, Chief Operating Officer - Water and Field Services, the Board of Directors (Board) of the Great Lakes Water Authority (GLWA), authorizes the Chief Executive Officer (CEO) to **enter into Contract No. 2004456**

**“14 Mile Transmission Main Loop - Phase II” with Ric-Man/Clark JV, at a cost not to exceed \$92,468,705.00 for a duration of 845 days;** and authorizes the CEO to take such other action as may be necessary to accomplish the intent of this vote.

### **BACKGROUND**

Several of GLWA’s member partners, including West Bloomfield Township, Farmington Hills, Commerce Township, Novi, Walled Lake, and Wixom are currently served drinking water through a single feed transmission main. As a result, any major breaks on this transmission main will cause loss of water service to the people, health care facilities, schools, and businesses in these communities. Therefore, the purpose of this project is to construct new transmission main and isolation valves in a looped configuration to eliminate this single feed condition that currently exists in this area of GLWA’s water system. Construction of the 14 Mile Road Water Transmission System Loop is being done in two phases. Phase I is currently under construction and involves constructing approximately 1 mile of 24-inch diameter transmission main, associated gate valves, blow-offs and air valves and additional tie-ins to master meters WA-01, NV-04 and CM-01. Phase II of this project is this proposed construction contract, which will complete the loop and provide the necessary redundancy in this area of GLWA’s water system. This construction contract will involve constructing approximately 42,000 feet of 54-inch diameter pipe, isolation valves, a pipeline cathodic protection system, and pipeline appurtenances. The new pipeline will run generally along the I-275 corridor from 8 Mile Road to 11 Mile Road, then along the Meadowbrook Road right-of-way to 13 Mile Road, and finally along the M-5 corridor to GLWA’s Haggerty Pump Station at 14 Mile and Haggerty Roads.

### **JUSTIFICATION**

Constructing the new water transmission main and appurtenances under this construction contract will complete the 14 Mile Transmission System looping project and eliminate the single feed condition that currently exists in this area of GLWA’s water system.

### **FINANCIAL PLAN IMPACT**

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

**Funding Source:** Water Construction Fund

**Cost Center:** Water Field Engineering

**Expense Type:** Construction (5519-882411.000-616900-122013)

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

Fiscal Year

|                         |                      |
|-------------------------|----------------------|
| FY 2022 Plan            | \$35,126,000.00      |
| FY 2023 Plan            | 35,126,000.00        |
| FY 2024 Plan            | <u>20,691,000.00</u> |
| Financial Plan Estimate | \$90,943,000.00      |
| Proposed Contract Award | <u>92,468,705.00</u> |
| Estimating Variance     | (\$ 1,525,705.00)    |

This estimating variance to be funded from capital reserves.

### **SAVINGS, COST OPTIMIZATION, AND REVENUE ENHANCEMENT IMPACT**

The cost savings are not determinable at the time of award.

### **COMMITTEE REVIEW**

This item was presented to the Operations and Resources Committee at its meeting on June 9, 2021. 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.