

## MEMORANDUM

**TO:** Board of Trustees

**THROUGH:** Indra Winqest  
General Manager

**FROM:** Brad Underwood, P.E.  
Director of Public Works

**SUBJECT:** Reject all bids for the Wetlands Effluent Disposal Facility Improvements 2021/2022 Capital Improvement Project – 2599SS1103 - Fund: Utility; Division: Sewer, in accordance with NRS 338.1385, paragraph 6, subparagraph (d).

**DATE:** November 10, 2021

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### **I. RECOMMENDATION**

Staff recommends that the Board of Trustees make a motion, in accordance with NRS 338.1385, paragraph 6, subparagraph (d), to reject the bids received for the Wetlands Effluent Disposal Facility Improvements Project; 2021/2022 Capital Improvement Project: Fund: Utility; Division: Sewer; Project # 2599SS1103 due to the early winter storm the wetland area is too wet to safely proceed with the proposed construction.

#### **EXCERPT FROM NRS 338.1385**

6. *Any bids received in response to an advertisement for bids may be rejected if the **public body or its authorized representative** responsible for awarding the contract determines that:  
(d) *The public interest would be served by such a rejection.**

### **II. BACKGROUND**

The Wetlands Effluent Disposal Facility owned by IVGID is located in the Carson Valley, Nevada and was built in 1984. General maintenance of the facility is completed each year, and this larger project was identified as a FY 2021-22 Capital Improvement Project. Due to the proposed nature of the grading work proposed, the wetlands need to be as dry as possible for the construction equipment to be able to enter the wetland cells. It was anticipated that this work would occur during the fall which tends to be the driest part of the year. With the early winter storm bringing unusual amounts of precipitation to our area, the wetlands are now too wet to safely perform the proposed construction activities. Staff recommends that the funding for this project be carried over to FY 2022/2023, and combine with the proposed FY 2022/2023 capital improvement funds and create a larger improvement project to be completed late summer/early fall 2022.

In accordance with Board Policy 3.1.0., 0.15 Consent Calendar, this item is included on the Consent Calendar as it is routine business of the District and within the currently approved District Budget.

### III. **BID RESULTS**

The District publicly advertised this project for bidding on August 27, 2021 with a bid submittal due date of September 23, 2021, a 4-week bid period. A mandatory project walk was held on September 9, with five (5) qualified contractors present. The District advertised the work as required by NRS 338, and posted all construction documents on PlanetBids. Contractors, vendors and Plan Rooms on PlanetBids can access all of the District's documents at no cost. The online portal also tracks questions, addenda to the documents (none issued), plan holders and interested vendors.

The District received and opened two (2) bids. The Engineer's Estimate for the project was \$155,000. The bid results are as follows (Attachment A).

<b>Contractor</b>	<b>Total Bid Amount</b>
RaPiD Construction	\$196,691.00
F. W. Carson, Co.	\$133,438.00

### IV. **FINANCIAL IMPACT AND BUDGET**

The Wetlands Effluent Disposal Facility Improvement Project (CIP #2599SS1103) is included in the FY 2021-22 CIP Budget, with a total project budget of \$183,500 (Attachment B). Staff recommends this budget be carried over to the FY 2022/2023 Budget.

### V. **ALTERNATIVES**

Award the construction contract and not defer the Wetlands Effluent Disposal Facility Improvements project.

### VI. **BUSINESS IMPACT**

This item is not a "rule" within the meaning of Nevada Revised Statutes, Chapter 237, and does not require a Business Impact Statement.

Attachments:

A – Construction Bid Summary Sheet

B – CIP 2599SS1103 Data Sheet

## RaPiD

## F W Carson

Item No.	Description	Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price
1	Mobilization/Demobilization	1	LS	\$12,666.00	\$ 12,666.00	\$ 9,800.00	\$ 9,800.00
2	Re-establish north channel (500' long x 12' wide) – Sheet 2/3	445	CY	\$ 33.00	\$ 14,685.00	\$ 29.00	\$ 12,905.00
3	Construct channel outlets – Sheet 2/3	9	CY	\$ 350.00	\$ 3,150.00	\$ 419.00	\$ 3,771.00
4	Remove fill from within existing drainage channel – Sheet 2/3	20	CY	\$ 75.00	\$ 1,500.00	\$ 103.00	\$ 2,060.00
5	Re-establish channel in Cell 1A – Sheet 3/3	1,140	CY	\$ 30.00	\$ 34,200.00	\$ 17.00	\$ 19,380.00
6	Clear, grub, moisture condition, and re-compact top 12" of levee material	1	LS	\$22,000.00	\$ 22,000.00	\$18,500.00	\$ 18,500.00
7	Moisture condition and compact 12" of channel material on top of levee	825	CY	\$ 45.00	\$ 37,125.00	\$ 30.00	\$ 24,750.00
8	Use Owner-provided Type 2 base, moisture condition and compact 6" on top of levee	411	CY	\$ 90.00	\$ 36,990.00	\$ 52.00	\$ 21,372.00
9	Class 300 Stone Rip Rap	275	TON	\$ 125.00	\$ 34,375.00	\$ 76.00	\$ 20,900.00
<b>Total Bid:</b>					<b>\$196,691.00</b>		<b>\$133,438.00</b>



## Project Summary

<b>Project Number:</b>	2599SS1103
<b>Title:</b>	Wetlands Effluent Disposal Facility Improvements
<b>Project Type:</b>	E - Capital Maintenance
<b>Division:</b>	99 - General Administration - Sewer
<b>Budget Year:</b>	2022
<b>Finance Option:</b>	
<b>Asset Type:</b>	SS - Sewer System
<b>Active:</b>	Yes

<b>Project Description</b>				
The District owns and maintains 900 acres of land in Douglas County for the disposal of WRRF effluent, at the discharge of the effluent export pipeline. The facility was constructed in 1983 as a beneficial reuse project by creating wetland cells for wildlife habitat. The effluent is distributed through the various cells via channels and pipes for transportation, evaporation and percolation. The property also contains a large area of warm water springs that is kept separate from the effluent cells. The underlying geology of the site poses challenges as the alkali dissolves causing short circuiting of flows from cell to cell. There is an extensive system for the wetland cells and surrounding levees to protect the facility from flooding. There is a road network of over 10.5 miles within the wetlands facility, with an additional 4.5 miles of levees, a control building and infrastructure for controlling the flow of effluent to and between cells.				
<b>Project Internal Staff</b>				
Public Works staff performs some of the maintenance and repairs at the facility, while larger projects may be contracted out with design and inspection being provided by staff.				
<b>Project Justification</b>				
The levees and roadways need to be maintained and resurfaced due to years of wear and tear as well as sub-grade subsidence. With the continued subsidence along levees and roadways we are installing barriers in the levees and roadways to reduce and/or eliminate the short circuiting of underground water between cells. With the facility being 37 years old, there are infrastructure improvements that need to be addressed in order to keep the facility in good working order such as replacement of piping, valves, vegetation control, invasive weed mitigation, junction boxes, flow control boxes, master inflow meter and sample locations.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2022				
Resurface roadways, replace valves and install cut-off barriers in levees.	183,500	0	183,500	
Year Total	183,500	0	183,500	
2023				
Resurface roadways, replace valves and install cut-off barriers in levees.	100,000	0	100,000	
Year Total	100,000	0	100,000	
2024				
Resurface roadways, replace valves and install cut-off barriers in levees.	100,000	0	100,000	
Year Total	100,000	0	100,000	
2025				
Resurface roadways, replace valves and install cut-off barriers in levees.	50,000	0	50,000	
Year Total	50,000	0	50,000	
2026				
Resurface roadways, replace valves and install cut-off barriers in levees.	50,000	0	50,000	
Year Total	50,000	0	50,000	
	<b>483,500</b>	<b>0</b>	<b>483,500</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Est. Completion Date</b>	<b>Manager</b>	<b>Project Partner</b>
2012	Jul 1, 2020	Jun 30, 2021	Utility Maintenance Specialist	