

**70** | Orange County Sanitation District 70th Anniversary  
1954 - 2024

# Digester C, D, F, and G Mechanical Rehabilitation at Plant No. 2, Project No. FE20-02

Presented by:  
Martin Dix, Engineering Manager

Operations Committee  
June 5, 2024

*Construction Contract Award*

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## Project Scope

The diagram illustrates the mechanical rehabilitation project scope for the digester heating system. It features a central schematic of the **DIGESTER** connected to a **DIGESTER HEATING SYSTEM**. This system includes a **HEAT EXCHANGER**, a **RECIRC PUMP**, a **MIXING PUMP**, and a **TRANSFER PUMP**. **HOT WATER** is shown entering the system. Surrounding the schematic are four photographs: **HEAT EXCHANGER**, **MIXING PUMP**, **RECIRC PUMP**, and **TRANSFER PUMP**.

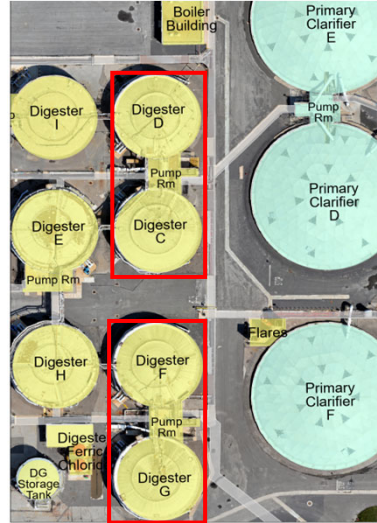
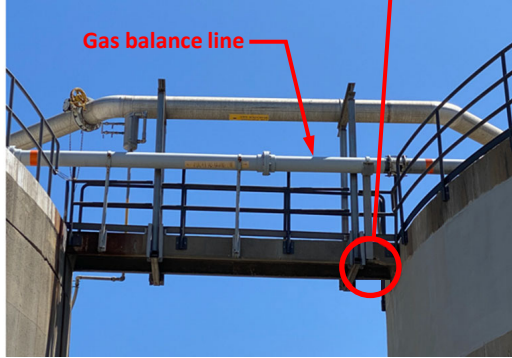
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## Project Scope



Gas balance line replacement and bridge repair:

- D-I gas balance line
- D-C gas balance line
- F-G gas balance line
- D-I bridge repair



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## Bid Results



Engineer's Estimate \$4,400,000

Bidder	Amount
J.F. Shea Construction, Inc.	\$3,694,000
Innovative Construction Solution	\$3,775,000
Kiewit Infrastructure West Co.	\$4,674,000
Filanc	\$4,678,397
Shimmick Construction Company, Inc.	\$5,214,000

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## Recommendation

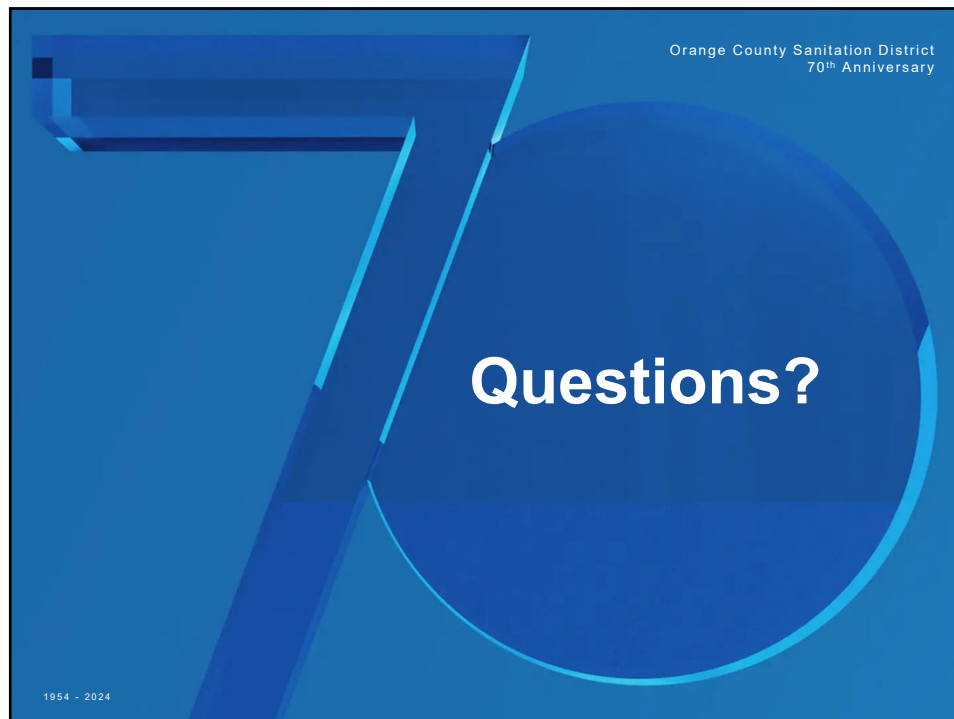


### **Recommend to the Board of Directors to:**

- A. Receive and file Bid Tabulation and Recommendation for Digester C, D, F, and G Mechanical Rehabilitation at Plant No. 2, Project No. FE20-02;
- B. Award a Construction Contract Agreement to J.F. Shea Construction, Inc. for Digester C, D, F, and G Mechanical Rehabilitation at Plant No. 2, Project No. FE20-02, for a total amount not to exceed \$3,694,000; and
- C. Approve a contingency of \$369,400 (10%).

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