Switchgear and Motor Control Center Replacement, OWRP

Project Number: 17-080-3E

Service Area: North

Location: O'Brien WRP

Engineering Consultant: In-house design

General Contractor: To be Determined

Estimated Construction Cost: $2,200,000

Contract Award Date: April 2018*

Substantial Completion Date: April 2020*



Project Description: The purpose of this project is to replace the Process Control Building 480-volt switchgear, Aerated Grit Motor Control Center (MCC), Scum Concentration MCC, Battery D MCC, and Process Control MCC 19A & 19B. Building additions are required for relocation of Aerated Grit MCC and Scum Concentration MCC.

Project Justification: The risk evaluation performed for certain electrical equipment providing power to various process, mechanical, and electrical loads at the O'Brien WRP indicated replacement is needed to address deteriorating conditions and ongoing maintenance, operation, and safety issues. Any catastrophic failure of this electrical equipment will negatively affect the water treatment operation at the O'Brien WRP.

Project Status: The project is being designed.

*Information shown is estimated.