



CITY OF HAYWARD

Hayward City Hall
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Cover Memo

File #: CONS 22-419, **Version:** 1

DATE: July 5, 2022

TO: Mayor and City Council

FROM: Director of Public Works

SUBJECT

Adopt a Resolution Approving the Plans and Specifications and Calling for Bids for the Water Pollution Control Facility's (WPCF) Switchgear Rehabilitation Project, Project No. 07656

That Council adopts the attached resolution (Attachment II) approving the plans and specifications for the Water Pollution Control Facility's (WPCF) Switchgear Rehabilitation Project, Project No. 07656, and calling for construction bids to be received on August 16, 2022.

SUMMARY

The WPCF treats an annual average flow of approximately eleven million gallons per day (MGD) and meets current requirements to discharge treated effluent to the deep waters of the San Francisco Bay. The existing main switchgear (MSB), originally installed in 1982, is a key component of the power distribution system at the WPCF. The MSB, along with several related motor control centers (MCCs), have provided power and controls to various plant processes for nearly forty years. Concern over continued reliability of the switchgear due to obsolescence and availability of parts, as well as the current condition and continued deterioration from corrosive atmospheres, prompted staff to request that the electrical system be evaluated as part of the Water Pollution Control Facility (WPCF) Phase II Facilities Plan. The Phase II Facilities Plan serves as a comprehensive planning document for the WPCF infrastructure needs for the next twenty-five years. An evaluation of the Old Cogeneration Building Electrical System was performed as part of the planning effort. The evaluation recommended replacing the existing MSB as well as consolidating and replacing several existing aged MCCs, and retrofitting the existing old Cogen Building to house the new electrical equipment.

This project is categorically exempt from environmental review under Section 15301(c) of the California Environmental Quality Act (CEQA) Guidelines for the operation, repair, maintenance, or minor alteration of existing facilities.

ATTACHMENTS

Attachment I Staff Report
Attachment II Resolution