

RESOLUTION NO. 21-8962

**A RESOLUTION OF THE CITY OF SANTA CLARA, CALIFORNIA
AUTHORIZING THE CITY MANAGER TO NEGOTIATE AND
EXECUTE AMENDMENTS, PURCHASE ORDERS, CHANGE
ORDERS, AND NEW AGREEMENTS WITH VARIOUS VENDORS
AS REQUIRED TO COMPLETE EMERGENCY REPAIRS AND
MAINTENANCE AT THE GIANERA GENERATING STATION, IN
AN AGGREGATE AMOUNT NOT-TO-EXCEED \$10,000,000**

BE IT RESOLVED BY THE CITY OF SANTA CLARA AS FOLLOWS:

WHEREAS, the City of Santa Clara's Electric Department, Silicon Valley Power (SVP) operates three power generation facilities within the city limits: the Donald Von Raesfeld Power Plant, the City of Santa Clara Cogeneration Plant, and the Gianera Generating Station (Gianera);

WHEREAS, in fall 2020; SVP staff identified issues with the Generator and Accessory Gearbox on Gianera Unit 2 and took numerous actions to bring the system online and, upon investigation, staff determined that significant repairs were needed to bring the system online without risking damage to the system;

WHEREAS, on December 16, the City Council authorized the City Manager to negotiate and execute amendments, change orders, and new agreements with various vendors as required to complete all repairs at the Gianera Generating Station, in an aggregate amount not-to-exceed \$1,000,000;

WHEREAS, while Gianera Unit 2 was shut down, staff initiated routine inspections and maintenance and discovered that the Generator rotor on Unit 2 had suffered damage due to the sustained, elevated vibrations leading up to the October 13, 2020 forced outage;

WHEREAS, on January 12, 2021, City Council of the City of Santa Clara authorized the City Manager to negotiate and execute amendments, change orders, and new agreements with various vendors as required to complete all repairs at the Gianera Generating Station, in an aggregate amount not-to-exceed \$2,567,736 (an increase of \$1,567,736 from the previous authorization);

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WHEREAS, during the period that Gianera Unit 2 was under repair, Gianera Unit 1 experienced a set of catastrophic issues and was taken offline. Staff took remedial actions, using existing contracts in place, but was unable to make repairs to eliminate potential further equipment damage up to and including catastrophic failure of major components of the turbine, generator, and accessory gearbox. Staff determined that a major overhaul of Gianera Unit 1 is needed before bringing it back into service. The major overhaul was budgeted and scheduled for fall of 2021;

WHEREAS, Gianera Unit 1 and Unit 2 are critical to providing sufficient power to meet the electric grid reliability requirements, the needs of SVP's power customers, and SVP's Resource Adequacy requirements especially in the summer when drought conditions are anticipated; and,

WHEREAS, SVP staff estimates that without Gianera Unit 1's production, SVP is experiencing economic loss of up to \$10,000 per day because power that could be produced by Gianera Unit 2 needs to be purchased on the market. That loss may increase to \$16,000 per day in the summer months.

NOW THEREFORE, BE IT FURTHER RESOLVED BY THE CITY OF SANTA CLARA AS FOLLOWS:

1. That the City Council of the City of Santa Clara does hereby authorize the City Manager to negotiate and execute amendments, change orders, and new agreements with various vendors as required to complete all repairs at the Gianera Generating Station, in an aggregate amount not-to-exceed \$10,000,000 an increase of \$7,432,264 from the previous authorization.

2. That this authorization shall not be used for any purpose other than services needed at the Gianera Power Plant including emergency repairs, corrective maintenance, and preventative maintenance that can be economically completed at the same time in order to assure reliable operation through the summer, and until an RFP process is completed and contract awarded.

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3. Effective date. This resolution shall become effective immediately.


I HEREBY CERTIFY THE FOREGOING TO BE A TRUE COPY OF A RESOLUTION PASSED AND ADOPTED BY THE CITY OF SANTA CLARA, CALIFORNIA, AT A SPECIAL MEETING THEREOF HELD ON THE 4TH DAY OF MAY, 2021, BY THE FOLLOWING VOTE:

AYES: COUNCILORS: Becker, Chahal, Hardy, Jain, Park, and Watanabe, and Mayor Gillmor

NOES: COUNCILORS: None

ABSENT: COUNCILORS: None

ABSTAINED: COUNCILORS: None

ATTEST: 
for _____
NORA PIMENTEL, MMC
ASSISTANT CITY CLERK
CITY OF SANTA CLARA

Attachments incorporated by reference: None