



BOARD MEETING AGENDA SUBMITTAL

TO: GCS D Board of Directors

FROM: Peter Kampa, General Manager

DATE: September 13, 2022

SUBJECT: Agenda Item 6B: Adoption of a Resolution of the Board of Directors of the Groveland Community Services District Approving the Emergency Generator Replacement Project and Authorizing Public Bidding in the Amount of \$675,000.00.

RECOMMENDED ACTION:

I move to adopt Resolution 41-2022 to permit public bidding in the amount of \$675,000.00 for the Emergency Generator Replacement Project (Project).

BACKGROUND:

The Groveland Community Service District (Groveland CSD) utilize diesel generators to power the wastewater treatment facility, water treatment plants, sewer lift stations, water distribution booster pump stations and other essential District owned facilities during extended power outages. It is the responsibility of the Groveland CSD to ensure that the emergency generators stationed at these essential District owned facilities are maintained and function properly to ensure operations are not interrupted during extended power outages. In particular, the Groveland CSD is responsible for maintaining the emergency generators at the following sites:

1. Highlands Booster Pump Station
2. Groveland CSD Office/Wastewater Treatment Plant
3. Lift Station No. 7
4. Lift Station No. 9
5. Lift Station No. 8
6. Lift Station No. 13
7. Lift Station No. 2
8. Lift Station No. 1
9. Big Creek Water Treatment Facility
10. Second Garrotte Water Treatment Facility

The typical life span of an emergency generator is approximately 20 to 40 years depending on the level of maintenance and exercising that occurs.

The emergency generator located at the Groveland CSD Big Creek water treatment facility was undersized and as a repercussion, was unable to power all of the infrastructure at the facility. For this reason, this generator is being upsized to be capable of meeting the facilities prescribed power demands.

The emergency generator located at the Groveland CSD Second Garrotte water treatment facility is old, outdated and has reached the end of its useful life. The emergency generator was installed when the treatment facility was constructed and is in need of replacement. This is an essential piece of infrastructure to the Groveland CSD potable water system and must maintain constant operation during extended outages to the grid.

The Groveland CSD Office/wastewater treatment facility are powered using the same emergency generator during extended power outages. This emergency generator is old, outdated, has reached

the end of its useful life and is in need of replacement. This is an essential piece of infrastructure to the Groveland CSD wastewater system and operation facilities.

The Highlands Booster Pump Station distributes potable water to the Groveland area. In the event of a loss of power, water service would be interrupted and reduced pressure in the system could lead to contamination from backflow into the aging distribution system. By installing a generator at the Highlands Booster Pump Station, it will allow GCSD to continue to provide water to disadvantaged residents in Groveland during a power outage.

During a power loss event, lift stations 1, 2, 7, 8, 9 and 13 would be at an extreme risk of overflowing and contaminating the lake. The lake acts as a secondary source of drinking water for the District, along with providing recreational opportunities to residents. Overflowing lift stations would also expose members of the community to untreated wastewater. By installing generators at these various essential lift stations, it will allow the District to maintain sewer service during power outages and will protect the secondary water source for the District and its residents.

DISCUSSION:

The adoption of this resolution will allow staff to publicly bid the Emergency Generator Replacement Project and will ensure constant operation of essential District owned facilities during extended power outages to the grid.

FISCAL IMPACT:

Construction (installation) costs for the Emergency Generator Replacement Project are estimated to cost approximately \$675,000.00, which is an increase of approximately \$200,000 over previous installation estimates due to needed site improvements including electrical switchgear, controls and a retaining wall. The costs for the proposed Project will be covered as follows:

REVENUE	
2022/23 Water Budget	\$ 150,000
2022/23 Sewer Budget	\$ 175,000
USDA Grant	\$ 50,000
Remaining DWR Grant Funds (IRWMP)	\$ 80,000
Total	\$ 455,000
Engineer's Estimated Installation/Construction Cost	\$ 675,000
Balance to be funded by deferring Fuel Tank Project*	\$ 220,000
* Propose to move a revised fuel tank project to the 2023/24 fiscal year, and formally approve in a midyear budget adjustment	

\$210,000 of the \$2909,000 DWR (IRWM) grant has been spend on the purchase of the generators for the District administrative office/WWTP and Big Creek Water Plant. The entire \$286,650 of the State funded Community Power Resiliency

ATTACHMENTS:

1. Resolution 41-2022
2. Engineers Estimate

RESOLUTION 41-2022

RESOLUTION OF THE BOARD OF DIRECTORS OF THE GROVELAND COMMUNITY SERVICES DISTRICT APPROVING THE EMERGENCY GENERATOR REPLACEMENT PROJECT AND AUTHORIZING PUBLIC BIDDING

WHEREAS, the Groveland Community Services District (herein referred to as District) is a local government agency formed and operating in accordance with Section §61000 et seq. of the California Government Code; and

WHEREAS, the District has the authority to construct, operate and maintain District owned facilities; and

WHEREAS, the District needs to replace/install new emergency generators at essential District owned facilities throughout their service area; and

WHEREAS, state and federal grant funding was received for the purchase of the generators and a portion of their installation cost; and

WHEREAS, the District has included adequate funding in its fiscal year 2022/23 budget for completion of the project as estimated by the District engineer.

NOW THEREFORE BE IT RESOLVED THAT THE BOARD OF DIRECTORS OF THE GROVELAND COMMUNITY SERVICES DISTRICT DOES HEREBY approve as follows:

1. Authorize Staff to solicit bids for the Emergency Generator Replacement Project.

WHEREFORE, this Resolution is passed and adopted by the Board of Directors of the Groveland Community Services District on September 13, 2022, by the following vote:

AYES:
NOES:
ABSENT:

APPROVE:

Spencer Edwards, Board President

ATTEST:

Rachel Pearlman, Board Secretary

CERTIFICATE OF SECRETARY

I, Rachel Pearlman, the duly appointed and acting Secretary of the Board of Directors of the Groveland Community Services District, do hereby declare that the foregoing Resolution was duly passed and adopted at a Regular Meeting of the Board of Directors of the Groveland Community Services District, duly called and held on September 13, 2022.

DATED: _____

**Groveland Community Services District
Emergency Generator Replacement Project
Engineer's Estimate**

Item No.	Item Description	Estimated Quantity	Units	Unit Price	Item Total
1	Mobilization, Demobilization, Bonds and Insurance	1	LS	\$ 66,000.00	\$66,000
2	Highland Boost Pump Station Improvements	1	LS	\$ 51,000.00	\$51,000
3	Groveland CSD Office	1	LS	\$ 126,000.00	\$126,000
4	Lift Station No. 7 Improvements	1	LS	\$ 30,000.00	\$30,000
5	Lift Station No. 9 Improvements	1	LS	\$ 20,000.00	\$20,000
6	Lift Station No. 8 Improvements	1	LS	\$ 20,000.00	\$20,000
7	Lift Station No. 13 Improvements	1	LS	\$ 165,000.00	\$165,000
8	Lift Station No. 2 Improvements	1	LS	\$ 35,000.00	\$35,000
9	Lift Station No. 1 Improvements	1	LS	\$ 20,000.00	\$20,000
10	Big Creek Water Treatment Plant	1	LS	\$ 62,000.00	\$62,000
11	Second Garrotte Water Treatment Plant	1	LS	\$ 80,000.00	\$80,000
				Total Bid Price	\$675,000