



BOARD MEETING AGENDA SUBMITTAL

TO: GCSB Board of Directors

FROM: Peter Kampa, General Manager

DATE: December 12, 2023

SUBJECT: Agenda Item 6B: Adoption of a Resolution Approving the Potable Water Storage and Distribution System Improvements Project and Authorizing Public Bidding

RECOMMENDED ACTION:

I move to adopt Resolution 56-2023 approving the Potable Water Storage and Distribution System Improvements Project and Authorizing Public Bidding for the Potable Water Storage and Distribution System Improvements Project (Project).

BACKGROUND:

The Groveland Community Service District (Groveland CSD, GCSB) provides potable water services to the surrounding community. The Groveland CSD's primary water source is the Hetch Hetchy Reservoir located in Yosemite National Park on the Tuolumne River. Hetch Hetchy is also the principal water source for the City and County of San Francisco and a number of other utilities in the San Francisco Bay Area served by the City and County of San Francisco. Water flows from Hetch Hetchy through the Mountain Tunnel, a tunnel just south of Groveland into Priest Regulating Reservoir. GCSB obtains water from the Mountain Tunnel prior to and upstream of Priest Regulating Reservoir at two locations. These locations are the Big Creek Shaft (the most upstream) and the Second Garrote Shaft.

In addition to the primary water source, GCSB also has a secondary or Alternative Water Supply (AWS) source. The AWS water source is Pine Mountain Lake. The District installed in 2003 a trailer mounted water treatment plant in PML to be able to provide water to the Community during outages of the Mountain Tunnel. The AWS Water Treatment Plant (WTP) was intended to be a portable WTP.

During severe drought conditions, the Second Garrote WTP and the AWS WTP would not have enough capacity to supply water to the entire service area during maximum day demand. GCSB is proposing a new 140,000-gal water storage tank next to the existing Tank 5 and a connection of Tank 5 to Big Oak Flat service areas via a new distribution pipeline 5,500 linear foot long 8-inch water main along Harper/Black Road.

By the addition of this new storage tank and distribution pipeline, Tank 5 service area and Big Oak Flat will be isolated from the remaining service area and supplied mainly from Tank 5. This improvement will reduce the demand that has to be supplied from Second Garrote and the AWS system.

The adoption of this resolution will allow staff to publicly bid the Potable Water Storage and Distribution System Improvements Project and will provide sufficient redundancy during severe drought conditions to ensure the Groveland CSD can continuously provide potable water to the service area.

FISCAL IMPACT:

Construction costs for the Potable Water Storage and Distribution System Improvements Project are estimated to cost approximately \$2,450,000. The costs for the proposed Project will be covered in full by an Urban Multibenefit Drought Relief Grant from the State of California Department of Water Resources.

ATTACHMENTS:

1. Resolution 56-2023
2. Engineer's Estimate

Groveland CSD
Potable Water Storage and Distribution System Improvements
Engineers Estimate

| Item No. | Item Description | Estimated Quantity | Units | Unit Price | Item Total |
|--|---|--------------------|-------|------------|--------------------|
| Base Bid Items | | | | | |
| 1 | Mobilization, Demobilization, Bonds and Insurance | 1 | LS | \$200,000 | \$200,000 |
| 2 | Traffic Control | 1 | LS | \$30,000 | \$30,000 |
| 3 | Demolition | 1 | LS | \$50,000 | \$50,000 |
| 4 | Clearing and Grubbing - Water Tank | 1 | LS | \$10,000 | \$10,000 |
| 5 | Bolted Steel Potable Water Storage Tank | 1 | LS | \$420,000 | \$420,000 |
| 6 | 10" Overflow Piping – Water Tank | 1 | LS | \$25,000 | \$25,000 |
| 7 | 8" Inlet/Outlet Piping – Water Tank | 1 | LS | \$20,000 | \$20,000 |
| 8 | 8" Circulating Piping – Water Tank | 1 | LS | \$20,000 | \$20,000 |
| 9 | 8" Inlet/Outlet Piping In Existing Water Tank | 1 | LS | \$20,000 | \$20,000 |
| 10 | 8" Drain Piping In Existing Water Tank | 1 | LS | \$20,000 | \$20,000 |
| 11 | Site Grading, Paving, Surfacing – Water Tank | 1 | LS | \$115,000 | \$115,000 |
| 12 | Perimeter Wall, Gate And Driveway – Water Tank | 1 | LS | \$10,000 | \$10,000 |
| 13 | Electrical And Instrumentation – Water Tank | 1 | LS | \$150,000 | \$150,000 |
| 14 | Furnish And Install 8" Inch Distribution Line | 1 | LS | \$775,000 | \$775,000 |
| 15 | Furnish And Install Fire Hydrants | 1 | LS | \$50,000 | \$50,000 |
| 16 | Furnish And Install Air Release Valves | 1 | LS | \$25,000 | \$25,000 |
| 17 | Furnish And Install Pressure Reducing Station | 1 | LS | \$75,000 | \$75,000 |
| 18 | Excavation Through Rock | 1 | LS | \$100,000 | \$100,000 |
| Base Bid Total | | | | | \$1,940,000 |
| Bid Additive Items | | | | | |
| 1 | Exterior Tank Nitrification Improvements. Existing Tank | 1 | LS | \$50,000 | \$50,000 |
| 2 | Exterior Tank Nitrification Improvements. Proposed Tank | 1 | LS | \$50,000 | \$50,000 |
| Bid Additive Total | | | | | \$100,000 |
| Base Bid Plus All Additives Total | | | | | \$2,040,000 |
| Contingency (15%) | | | | | \$306,000 |
| Construction Administration (10%) | | | | | \$204,000 |
| Total Construction Costs | | | | | \$2,450,000 |

RESOLUTION 56-2023

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE GROVELAND COMMUNITY SERVICES DISTRICT APPROVING THE POTABLE WATER STORAGE AND DISTRIBUTION SYSTEM IMPROVEMENTS 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 sources of raw water supply for potable water purposes; and

WHEREAS, the District needs to construct a new storage tank and distribution pipeline to provide sufficient redundancy during severe drought conditions; and

WHEREAS, the District needs to construct a new storage tank and distribution pipeline to isolate/reduce the potable water demand from the Second Garrote and Alternative Water Supply service areas during severe drought conditions; and

WHEREAS, the District needs to construct a new storage tank and distribution pipeline will to increase fire resiliency; and

WHEREAS, the Groveland Community Services District has received an Urban Multibenefit Drought Relief Grant from the State of California Department of Water Resources to fund the Project in whole; and

WHEREAS, the construction of the proposed new storage tank and distribution pipeline will have no fiscal impact on the Groveland Community Services District.

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 Potable Water Storage and Distribution System Improvements Project.

WHEREFORE, this Resolution is passed and adopted by the Board of Directors of the Groveland Community Services District on December 12, 2023, by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT

ATTEST:

Rachel Pearlman, Board Secretary

Nancy Mora, Board President

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 December 12, 2023.

DATED: _____