



Agenda Item No. (4)(a)

To: Finance-Auditing Committee/Committee of the Whole  
Meeting of August 27, 2020

From: Joseph M. Wire, Auditor-Controller  
John R. Eberle, Deputy District Engineer  
Ewa Z. Bauer-Furbush, District Engineer  
Denis J. Mulligan, General Manager

Subject: **AUTHORIZE BUDGET ADJUSTMENT(S) AND/OR TRANSFER(S)**  
**(a) BUDGET INCREASE IN THE FY 20/21 BUS DIVISION CAPITAL**  
**BUDGET FOR THE NOVATO BUS FACILITY UNDERGROUND**  
**STORAGE TANK SITE CLEANUP PROJECT (PROJECT #2132)**

### **Recommendation**

The Finance-Auditing Committee recommends, in concurrence with the Building and Operating Committee at its meeting on August 27, 2020, that the Board of Directors authorize a capital budget increase in the amount of \$5,100,300 in the *Novato Bus Facility Underground Storage Tank Site Cleanup project (Project #2132)*, to be financed with District reserves, to fully fund the construction Contract No. 2020-BT-011.

This matter will be presented to the Board of Directors at its August 28, 2020, meeting for appropriate actions.

### **Summary**

The Golden Gate Bridge, Highway and Transportation District's (District's) Bus Division operates commuter bus service out of three dispatch, parking and maintenance facilities, namely, the San Rafael Bus Facility (D1), the Novato Bus Facility (D2), and the Santa Rosa Bus Facility (D3). Each facility maintains an on-site supply of diesel fuel that is stored in underground and aboveground fuel storage tanks (USTs and ASTs).

At the Novato Bus Facility, the original underground fuel storage tanks were installed in 1975, and were constructed of fiberglass materials. In 1977, the District discovered a leak in the underground piping system connecting the underground fuel tanks, and determined that the leaked fuel had infiltrated the surrounding soils and the groundwater beneath the tanks. The leak was repaired and a portion of the leaked fuel was recovered from the site but a portion of the leaked fuel migrated away from the immediate vicinity of the leak and remained on site. In 1998, the fiberglass

underground storage tanks were removed and replaced with new double-walled underground steel tanks and piping.

The District reported the leak and initial cleanup activities to the San Francisco Regional Water Quality Control Board (RWQCB) and began working with the RWQCB to develop a cleanup and mitigation plan for the site. The District subsequently performed multi-phase site investigations using soil borings and monitoring wells to determine the lateral extent and depth of the impacted soils and groundwater. The investigations have revealed that areas of contaminated soils are localized onsite, and that contaminated groundwater has not migrated beyond the property boundaries. The District has been monitoring the site periodically since 1994 and analyzing the monitoring results to determine if the diesel fuel that remained on site had naturally degraded to a level such that further monitoring and mitigation measures could cease.

The monitoring determined that the natural degradation of the diesel was not occurring at a sufficient pace and pockets of free-phase diesel were identified in the soil and groundwater at the site, so in 2015, under the oversight of the RWQCB, the District prepared a Feasibility Study/Corrective Action Plan for cleanup of the site. The Corrective Action Plan determined that excavation of the contaminated soils and extraction of contaminated groundwater were the preferred methodologies for cleanup of the site. The cleanup methodology has been approved by the RWQCB. The RWQCB has also expressed eagerness to close all UST fuel contaminated sites within its jurisdiction, and has instructed the District to complete the site cleanup at the Novato Bus Facility as quickly as possible.

The District has developed a construction contract, Contract No. 2020-BT-011, *Novato Bus Facility Underground Storage Tank Site Cleanup*, to accomplish the site cleanup, which involves the following work:

- instituting County Health Official and OSHA guidelines for construction work during the COVID-19 epidemic;
- saw cutting and demolition of existing asphalt and concrete surfaces;
- designing and installing permanent sheet pile shoring to protect existing buildings;
- designing and installing temporary shoring of the areas to be excavated;
- removing and replacing buried utilities including water, sewer, electrical and communication lines that lie within the excavation area;
- excavating, stockpiling and reuse of 4,000 cubic yards of overburden soil fill materials;
- excavating and off-haul of 11,000 cubic yards of diesel-contaminated soils;
- extracting groundwater, treatment and disposal of the groundwater;
- backfilling the excavated area with clean existing overburden soils and imported soils;

- installing four (4) new monitoring wells;
- resurfacing the excavated area of the bus lot with hot-mix asphalt and reinforced concrete pavement;
- replacing pavement markings and striping of the new asphalt surface.

During the cleanup construction activities, the Novato Bus Facility will be closed to normal bus operations, except for staging of buses during the day between runs. The facility will remain closed during the construction period of September 2020 thru February 2021.

**Fiscal Impact**

The *Novato Bus Facility Underground Storage Tank Site Cleanup project (Project #2132)*, D2 (Novato Bus Facility) Pavement & Remediation, is included in the FY 20/21 Bus Division Capital Budget in the amount of \$2,000,000 and is 100% District funded. A capital budget increase of \$5,100,300, to be funded with District reserves, is necessary to fully fund Project #2132 at the proposed budget of \$7,100,300.

It is recommended that the proposed budget for Project #2132 be established as follows:

| <b><u>PROJECT #2132 BUDGET ITEM</u></b>                            | <b><u>COST</u></b> |
|--|--------------------|
| <b>Construction</b>  |                    |
| Construction Contract No. 2020-BT-011                              | \$5,893,900        |
| Construction Contract Contingency (10%)                            | 589,400            |
| Construction Support Services and Testing (Consultants)            | 160,000            |
| Construction Administration – District Staff Burdened Labor        | 258,000            |
| Indirect Costs (ICAP) on District Staff Burdened Labor - Estimated | 164,000            |
| General Project Expenditures                                       | 35,000             |
|  |                    |
| <b>TOTAL BUDGET</b>  | <b>\$7,100,300</b> |

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