



# Earthquake Safety and Emergency Response Bond Program 2010 & 2014

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## Quarterly Status Report April thru June 2018

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1) Station 5 North and East Elevations, 2) Station 16 Curtain Wall Installation, 3) Fireboat Station 35 Revised Concept Design by Shah Kawasaki, 4) New Firearms Simulator Training Facility, 5) Northern Station New Generator, 6) Traffic Company & Forensic Services Division Demo

Prepared for the:

- Office of the Chief Medical Examiner
- San Francisco Fire Department
- San Francisco Police Department
- Public Utilities Commission

Submitted by  
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# Earthquake Safety and Emergency Response Bond Program (ESER 2010 & 2014)

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### Executive Summary

The \$412.3 million **Earthquake Safety and Emergency Response 2010 (ESER 2010) Bond Program** consists of three components: the **Public Safety Building**, the **Neighborhood Fire Stations & Support Facilities**, and the **Auxiliary Water Supply System**. In in this reporting period, the two main seismic projects under the *Neighborhood Fire Stations, Station 16 and Station 5*, continue construction with 82.5% and 56.7% complete respectively. The substantial completion date for Station 5 has been revised from November 12, 2018 to December 28, 2018 as a result of unforeseen conditions both compensable and non-compensable. *Additional Focused Scope* category projects within the *Neighborhood Fire Stations* component are proceeding apace, hewing to stipulated schedules and budgets.

The \$400 million **Earthquake Safety and Emergency Response 2014 (ESER 2014) Bond Program** consists of five components: **Office of the Chief Medical Examiner, Traffic Company & Forensic Services Division, Neighborhood Fire Stations, Emergency Firefighting Water System, and Police Facilities**.

The *Office of the Chief Medical Examiner* project was inaugurated in November 2018 and is fully operational, and is progressing with project close-out activities including issuing final payment to the CM/GC and the Executive Architect.

The *Traffic Company & Forensic Services Division* project updated the Capital Planning Committee on April 30, 2018, informing them that after two separate value engineering efforts yielding \$26.65 million in savings, there is still a \$6.65 million budget deficit when factoring appropriate contingency has produced an \$8.65 million deficit in funding. The resulting outcome of the CPC meeting was a stated commitment from the City Administrator to fund the project, possibly from the FY19-20 budget to avoid program reductions and loss of functional integrity.

Under *Neighborhood Fire Stations* component, the project team presented *Station 35 Fireboat House* to the Bay Conservation and Development Commission (BCDC) Design Review Board (DRB) and Port Waterfront Design Advisory Committee (WDAC) joint meeting. In regard to major work products developed thus far, the Design-Builder submitted 100% Schematic Design documents to Public Works in June 2018. The Planning Department is anticipated to issue the Preliminary Mitigated Negative Declaration (PMND) in July 2018. The Design-Builder is in the process of drafting the permit applications for

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each of the following regulatory agencies: BCDC, US Army Corps of Engineers (USACE), and Regional Water Quality Control Board (RWQCB).

The police *Fire Arms Simulator Training Facility* under the *Police Facilities* component is substantially complete, and remaining are a few items and the permeable pavement required by the Planning Department to divert additional run-off to Lake Merced. The facility is fully operational.

The Public Utilities Commission manages the projects under the *Auxiliary Water Supply System* and the *Emergency Firefighting Water System* components for both programs. Construction continues for Pumping Station 1 (WD-2686), Pumping Station 2 (WD-2687), Irving Street Pipeline, Ashbury Bypass Pipeline and Mariposa Terry Francois Boulevard Pipeline contracts.

The budget report for both ESER 2010 and 2014 bond programs continues to report expenditures thru June 30, 2017 as a result of problems with conversion to the City's new financial system, FSP. Public Works is working with the Controller's office to resolve these issues and expects resolution in the first fiscal quarter of FY 18-19. The proceeds from the third and final bond sale for ESER 2014 totaling \$189.735 million were appropriated this last reporting quarter. There was a savings of \$2 million from the cost of issuance as a result of coordinating the sales with other bond programs. This savings will be prorated and redistributed among active components.

Please refer to the following report for further details or visit the ESER website at [www.sfearthquakesafety.org](http://www.sfearthquakesafety.org) for previously issued reports.

## Program Summary and Status

### Public Safety Building (ESER 2010)



Photo © Tim Griffith, 2015

**Location:** Block 8 in the Mission Bay South Redevelopment Area. The block is bounded by Mission Rock, Third, and China Basin Streets.

**Project Description:** The Public Safety Building (PSB) is meant to provide a new venue for the SFPD Headquarters – effectively the command and control administration of the City’s police department-including the relocation of Southern District Station and a new Mission Bay Fire Station. Included in the project is the reuse of Fire Station #30, which will serve as a multi-purpose facility for the Fire Department and the community. Historic resource consultants have determined that the existing fire station is eligible for the National Register of Historic Places. Consistent with the Mission Bay SEIR Addendum No. 7, Mitigation Measures, Item D.02, this facility will be retained and reused in a manner that preserves its historic integrity. The other components of the project will be designed to be respectful of the historic integrity of the existing fire station.

Both the Police Headquarters and the Southern District Police station are located at 850 Bryant also known as the Hall of Justice. This facility is over 50 years old and does not

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meet current seismic codes and requirements. In the event of a major earthquake, this building is not expected to be operational. The PSB will provide a new venue for these two police elements that are a part of a larger strategy to replace the Hall of Justice, established in the City's Capital Plan as the *Justice Facilities Improvement Program* (JFIP) Police Investigations and associated property and evidence storage will remain at the Hall until they are relocated.

**Project Background:** The functionality of the entire police department in the event of a major catastrophe relies on the ability of the police leadership within police command center headquarters to promptly and properly coordinate public safety services in the city. The district station plays an equally critical role in providing responsive public safety to residents of San Francisco in a timely manner. This station includes those working the front line that are the first to arrive at a crime scene, maintain the peace during difficult situations, assist in the investigation of criminal activity; provide support to other first responders including the Fire Department and emergency medical services.

**Project is complete and the facility is occupied.**

**Project Budget:** Project Cost, inclusive of all change orders to date, tracked to within the Total Project Budget of \$243M. Refer to the [Attachment 1 – Program Budget Report](#) for further detail.

### Neighborhood Fire Stations (ESER 2010)

**Component Description:** The ESER bond will renovate or replace selected fire stations to provide improved safety and a healthy work environment for the firefighters. The selected stations are determined according to their importance for achieving the most effective delivery of fire suppression and emergency medical services possible.

**Background:** All of the 42 San Francisco Fire Stations have, as a result of minimal deferred maintenance over decades, yielded building conditions that potentially compromise the safety and health of firefighters. Many stations have structural/seismic and other deficiencies that could inhibit their continuous functionality. Some may not be operational after a large earthquake or other disasters, hindering the ability of the firefighters to respond to calls for service.

Prior to approval of the bond program, the majority of the City's fire stations and support facilities were generally assessed for their respective condition and to identify vulnerabilities or deficiencies that could compromise their essential role as deployment venues for first responders.

For budget planning purposes, the assessment reports were reviewed by cost estimators who prepared estimates of the cost of correcting the conditions noted in the assessments. The cost estimates indicate only the overall "order of magnitude" of the various facility deficiencies and relative proportions of various types of work.

Preliminary assessment of the neighborhood fire stations indicate that the sum of all existing deficiencies would require a budget exceeding \$350M to correct, significantly more funds than are available in this bond for such purposes. Therefore, additional detailed planning is required to focus the expenditures of this bond towards the most beneficial and cost effective immediate rehabilitation and/or improvement projects.

A list of projects to be completed by the ESER 2010 bond was identified by Public Works and the Fire Administration, and accepted by the Fire Commission at their meeting of September 23, 2010.

The ESER 2010 bond program is anticipated to complete improvements to 16 of the 42 neighborhood fire stations. The approved slate of projects was presented to the SF Fire Commission on April 26, 2012.

The following is a detailed status per project:

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## **Seismic Projects: Stations 16 and 5**

### **Station 16:**



Curtainwall Install at North Elevation on Greenwich Street (June 27, 2018)

#### Design services:

- Architecture: Public Works BDC
- Structural, MEP, and Fire Alarm Engineering: Public Works IDC
- Civil Engineering: Parsons Brinckerhoff

General Contractor: Roebuck Construction

Percentage Complete (as of 6/30/2018): 82.5%

Schedule: Approved revised Substantial Completion date is July 16, 2018. Revised Final Completion date is September 11, 2018. Forecasted Final Completion date is mid-November 2018 due to the re-design of the fuel oil system.



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## Construction Activities:

### April 2018

- Installed interior wall insulation and drywall at 1st floor, mezzanine, and 2nd floor.
- Installed HVAC equipment on rooftop.
- Began installation of elevator system.

### May 2018

- Taped and finished interior walls in preparation for painting.
- Installed blue roof at 2nd floor lower roof.
- Installed elevator system.
- Excavated sidewalk at Greenwich Street and removed Underground Storage Tank (UST).
- Began installation of curtainwall at north elevation on Greenwich Street.

### June 2018

- Installed ceramic wall and floor tiling at public restroom, men's and women's restroom, and men's and women's locker rooms.
- Installed four-fold apparatus bay doors.
- Installed cabinetry and casework in kitchen.
- Began painting interior walls at officers' rooms, dormitory, and slide pole rooms.
- Began electrical wiring throughout the building.
- Began applying stucco at south elevation on Pixley Street.

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## **Station 5:**



North and East Elevations at Turk/Webster Intersection

### Design services:

- Architecture: Public Works BDC
- Structural Engineering: Public Works IDC
- MEP, Fire Alarm, and Civil Engineering: GHD

General Contractor: Alten Construction

Percentage complete (as of 6/30/2018): 56.7%

Schedule: Revised Substantial Completion date is November 12, 2018. Revised Final Completion date is December 28, 2018.

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## Construction Activities:

### April 2018:

- Placed slab-on-grade on April 9, 2018.
- Fireproofed exterior steel beams and columns.
- Placed miscellaneous concrete curbs, small walls, and equipment pads at 1st floor.
- Encased steel columns with concrete in apparatus bay at 1st floor.
- Continued MEP and Fire Alarm (FA) rough-in at 2nd and 3rd floors.

### May 2018:

- Continued MEP and Fire Alarm (FA) rough-in at 2nd and 3rd floors.
- Fireproofed interior steel beams and columns at 2nd floor, 3rd floor, and roof.
- Installed exterior light-gauge metal framing at north, west, and south elevations.
- Began installation of gypsum sheathing and fluid applied weatherproofing at exterior walls.
- Installed metal door frames at exterior elevations.
- Began installation of interior metal stud framing at 1st floor.

### June 2018:

- Installed gypsum sheathing and fluid applied weatherproofing at exterior walls.
- Continued installation of interior metal stud framing at 1st floor.
- Continued mechanical, electrical, plumbing, and fire sprinkler rough-in throughout building.
- Began installation of tapered insulation and cover board at roof.

### **Fireboat Station 35: (See ESER 2014 this report)**

Fireboat Station 35 will occur within ESER 2014 Program, however, the pre-design and CEQA and environmental review costs of \$687,125 will reside under ESER 2010. The budget that was identified for Station 35 was funded by ESER 2010 and the Fire Facilities Bonds funds totaling \$17M. The ESER 2010 funding will be used to offset Station 5 and 16. The Fire Facilities Bond funds will continue to supplement ESER 2014 funds for Station 35.

### **Equipment Logistics Center (ELC):**

The ELC project was identified after the passage of the bond – it was suggested as a project combining the Bureau of Equipment (BOE) and Emergency Medical Services (EMS). In this configuration, the sum total of functional program area makes it infeasible to occur at the current EMS venue at 1415 Evans; more significantly, the budget for such a project is not available within the ESER 2010 NFS funding.

SFFD requested that Public Works prepare a program analysis and cost estimate for the EMS apart from the BOE for consideration in the proposed 2016 Public Health and Safety Bond – which received 79 percent voter approval in June 2016. The analysis and prospective project at the location of Station 9 is complete– see ESER 2014 for description of work in this regard.

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## **Comprehensive Project: Station 36**

Project was successfully completed and SFFD reoccupied the station on November 19, 2014. On site pre-construction meeting for the HVAC work was held on March 26, 2018. Work began in May 2018 and was completed at the end of June 2018.

## **Focused Scope Projects**

Design services:

- Public Works BDC/IDC for Roofing, Envelope, Apparatus Bay Door Replacement, Showers, and Sidewalk categories of Focused Scope.
- GHD (as-needed electrical engineering consultants) for Generator Replacement projects.

## **Roofs – 15 Stations**

Summary: The scope consists of installing new roofing systems and upgrading exhaust fans on fifteen (15) stations. 2011 Package (Stations 6, 38, 41 and 42), Package 1 (Station 28); Package 2 (Station 2); Package 3 (Stations 18, 40 and 31), Package 4 (Stations 15, 17, 26, and 32), and Package 5 (Stations 10 and 13) roofs. Per SFFD direction, the 2011 package and Package 2 were completed by JOC contractors, and the balance of the projects were bid out to C39 roofing contractors.

Detail: All work is complete.

## **Exterior Envelope (BBR) – 16 Stations**

Summary: The scope consists of paint and ancillary work to prevent water intrusion at sixteen (16) stations. Per SFFD direction, BBR executed the paint work at six (6) Stations, 6, 28, 38, 41, 42, and 49 while the remaining work, Package 4 (Stations 15, 32 and 40), Package 5 (Stations 10, 13, 17 & 26), and Package 6 (stations 2, 18 & 31) were bid out through Public Works public bidding process to B or C33 license contractors due to the complexity of scope at these stations.

Detail: All work is complete.

## **Emergency Generator Replacement – 5 Stations**

Summary: The scope consists of installing new Emergency Generators and related ancillary scopes of work at five (5) Stations 6, 12, 15, 17, and 21. Per SFFD direction, BBR executed the work at Station 15; a JOC contractor executed the work at Station 17; and Stations 6, 12 and 21 were bid through the Public Works public bidding process to C10 license contractors.

Detail: Stations 6, 12, 15 and 21 were completed in 2014. Station 17 work was completed on December 11, 2015 and close-out reached in September 2016.

Detail: All work is complete.

### **Shower Reconstruction – 9 Stations**

Summary: The scope of work consists of installing new shower stalls including shower pans, shower heads, divider walls, glass doors, floor drains, p-traps, access panels, and ancillary scopes of works at nine (9) Stations, 6, 13, 15, 17, 18, 26, 38, 40 & 41. Station 6 was completed by BBR in July 2013. Station 15 was completed by JOC Contractor, Rodan Builder, in September 2013. Stations 13, 18, 26, 38, 40 & 41 were bid through the Public Works public bidding process to B license contractors. Stations 17 and 18 were put on hold by SFFD due to scope complexity.

Detail: All work is complete.

### **Mechanical Scope (JOC) – 15 Stations**

Summary: The scope is structured into two phases: Phase 1 – Investigation and Scope Validation, and Phase 2 – Execution of Work. The stations were divided into two groups, Group 1 – four (4) stations and Group 2 – eleven (11) stations. Group 1 (Stations 6, 17, 38 and 42) had an NTP issued on May 24, 2013. The stations were substantially completed in August 2013, and final completed by Azul (JOC Contractor) in November 2013. Group 2 (Stations 2, 10, 13, 15, 18, 26, 28, 31, 32, 40, 41) were awarded to Rodan (JOC Contractor). NTP was issued on December 16, 2013. Work started on January 2, 2014, and reached final completion in November 2014.

Detail: All work is complete.

### **Window Repair (BBR) - 12 stations**

Summary: The scope consists of installing new latch, handle, weep holes, sealant and weather-strip to existing windows, replacing broken panes of glasses, and adjusting alignment and resealing the perimeter of the frame to water tight at twelve (12) Stations, 2, 6, 17, 25, 26, 28, 31, 32, 38, 40, 41 and 42. BBR was selected to perform the work per SFFD direction. The first Package including Stations 28, 38, 41 and 42 started in April 2012 and completed in June 2012; the second package including Stations 6, 17, 32 and 40 began in April 2013 and finished in June 2013; and the third package including Stations 2, 25, 26 and 31 started construction in November 2013, and completed in January 2014.

Detail: All work is complete.

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## **Additional Focused Scope**

Summary: Additional Focused Scope includes Apparatus Bay Door Replacement 8 Fire Stations (FS 8, 14, 18, 25, 28, 33, 39 & 43), Leak Repair at FS 31, and Exterior Envelope Painting at Fire Department Headquarters. In addition, in July 2017, SFFD requested that 10 Fire Stations receive Additional Generator Replacement (8 identified by SFFD, by priority: FS 2, 18, 37, 44, 23, 19, 24, and 41).

### Detail:

- Project Management, BDC and consultant GHD Engineers have developed a preliminary scope of work for an Additional Generator Replacement at Fire Station 14 and procurement of design services by BDC and GHD Engineers is underway. for,
- Project Management will procure the services of a JOC contractor by spring of 2019 to repair the leak at FS 31.
- Project Management is working with Contract Administration to procure a JOC for the Apparatus Bay Door Replacements at 7 Fire Stations by end of 2018.
- Headquarter Painting was Substantially Completed by Public Works Bureau of Building Repair on 9.5.17, and Final Completion occurred on 10.20.17.

## **Historic Evaluation and Environmental Review**

Summary: CEQA reviews and approvals proceeded apace and coordinated with the overall design and construction schedule of projects.

Detail: Historic evaluation site visits were completed at 21 stations (14 Focused Scope / Alternate stations; 6 Seismic / Comprehensive stations; and the Fire Boat station.)

### **Project Budget:**

Refer to the [Attachment 1 – Program Budget Report](#).

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## Neighborhood Fire Stations (ESER 2014)

**Component Description:** The ESER 2014 bond program continues the work of ESER 2010 bond, categorizing projects according to three sub - categories of Focused Scope, Comprehensive, and Seismic. The ESER 2014 bond program will continue to address identified and prioritized needs at Fire Stations that were previously not addressed under the 2010 program. Significant construction projects will have been completed at all SFFD Fire Stations at the conclusion of the 2010 and 2014 bond programs.

SFFD approved the NFS Focused Scope, Comprehensive and Seismic budget portfolio in April 2015. In October of 2017, SFFD approved an updated budget revision.

Design services are being provided by Public Works BDC/IDC, unless otherwise noted.

The following is a detailed status per project:

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## **Seismic Projects:**

### **Fireboat Station 35**



Revised Concept Design by Shah Kawasaki Architects

Design-Builder: Swinerton-Power, JV

Design Phase: October 2017 – September 2018

CEQA Process: September 2017 – July 2018

PORT Permits: September 2018 – January 2019

Construction Phase: December 2018 – November 2020

On June 11, 2018, the project team presented to the BCDC Design Review Board (DRB) and PORT Waterfront Design Advisory Committee (WDAC) joint meeting. This was the project's 2nd pre-application review; the team previously present to the two advisory groups on February 26, 2018. The DRB chairwoman requested that the team make minor design revisions and stated that further review by the board is not required. Design-Builder submitted 100% Schematic Design documents to City on June 26, 2018. Planning Department is anticipating to issue the Preliminary Mitigated Negative Declaration (PMND) in July 2018. The Design-Builder is in the process of drafting the permit applications for each of the following regulatory agencies: BCDC, USACE, and RWQCB.



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## **Pier 26 Fireboat Berths**



Phoenix Fireboat Moored at Pier 26 (March 28, 2018)

Design services: COWI North America

Contractor: Vortex Marine Construction

Percentage complete (as of 4/30/2018): 87.3%\*

\*No payment application submitted for May – June 2018.

Construction completed by Vortex Marine Construction on March 14, 2017, except for fencing and electrical work. The fencing design was approved by SF Port and will be installed in June 2018. Temporary electrical work started on March 23 and was completed in May. Permanent electrical work and stairs' modifications started in April and are estimated to be completed in September 2018.

### **Comprehensive Projects:**

#### **Fire Station 3 & 7**

Combined budget for FS 3 and 7 is \$8M. FS 3 was determined to be a potential collapse hazard in the event of a major earthquake based on the structural assessment received from the Public Works IDC-Structural study. SFFD directed design work to stop, and will consider plans for a new FS 3 in its overall seismic portfolio of future bonds. FS 7 is on hold and to be considered for the list of projects in ESER 2020.

### **Focused Scope Projects:**

The NFS team has moved forward with planning, design, bidding and construction of the Focused Scope projects in all 9 of the categories apparatus bay doors, roof replacements, shower renovation, exterior envelope, windows, sidewalk, emergency generator, and mechanical projects. ESER 2014 Focused Scope projects improve 35 Fire Stations.

Design services are being provided by Public Works BDC Architecture and IDC Mechanical and Structural for Roofing, Envelope, App Bay Door Replacement, Showers, Windows, and Sidewalk categories of Focused Scope. GHD and AAES (as-needed electrical engineering consultants) are providing design services for Generator Replacement projects.

### **Apparatus Bay Doors (35 Fire Stations):**

Design has been completed by Public Works BDC Architecture for the Apparatus Bay Door Replacement projects at 35 fire stations.

- Package 1 (FS 15; including Ancillary Work)  
Project achieved final completion on 11.7.2016.
- Package 2 Ancillary (not used)  
Ancillary work is now tracked under “Package 4”.
- Package 3 App Bay Door Replacement (Apparatus Bay Doors at FS 2, ~~3~~, 11, 13, 19, 24, 31, 34, 40, 41):  
This project bid on 8.30.2017, resulting in a responsive low bid from *DW Nicholson* (DWN) for \$1,065,414. On 10.20.17, DWN received a Notice of Award. On 10.27.17, the manufacturer notified DWN that they were no longer manufacturing telescoping doors, and the contract certification was put on hold. Project Management was notified by another company that they purchased the manufacturer, *Entrematic*, and would continue to manufacture telescoping doors and honor the bid price. On 1.22.18, SFFD requested a change in the scope of work, and BDC provided new permit plans. The Planning Department completed their review and issued Categorical Exemption

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Modifications on 3.22.18. On 3.30.18 BDC procured new permits. A Notice to Proceed was issued to DWN on 4.9.18. ~~will likely be issued to DWN on or about 4.9.18.~~

- Emergency Declaration - Fire Station 3  
Fire Station 3 was originally part of Package 3. On 11.28.17, SFFD notified Project Management that the door at FS 3 had broken and was irreparable. On 12.4.17, the Director of Public Works signed an Emergency Declaration, and a separate contract was issued to DW Nicholson. This project was Substantially Complete on 1.15.18. The project is complete.
- Package 4 Ancillary Work for new 4-Fold Doors (FS 6, 9, 10, 11, 12, 14, 17, 20, 21, 22, 23, 26, 32, 37, 38, 42, 44):  
The scope is to relocate or modify the existing conditions in conflict with the new 4-fold app bay doors that will be installed at the 17 Fire Stations. PW Project Management, in coordination with PW Bureau of Building Repair (BBR), has scoped all sites, Project Management has reviewed, negotiated and approved all BBR proposals for this work. BBR has completed work at Fire Stations 9, 17, 20, 21, 22, 23, 26 and 32.
- Package 5 & 6 (previously “package 4 TBD”)  
Twenty four Fire Stations are impacted by these 2 packages. The scope is to replace and install new overhead app bay doors at (7) Fire Stations (FS 8, 14, 18, 25, 29, 33, 39, and 43), and to replace and install existing app bay doors with new 4-Fold doors at (17) Fire Stations (FS 6, 9, 10, 11, 12, 14, 17, 20, 21, 22, 23, 26, 32, 37, 38, 42, 44), comprising all remaining scope of work under App Bay Door Replacement category in the Focused Scope program. In January 2018, Project Management was notified that all previously issued 2016 Categorical Exemptions provided by Planning for these projects would need to undergo a new review. Project Management obtained approval from the Deputy Director to proceed with JOC contractor RFPs for this work, and is working with Contract Administration to prepare two JOC Invitations to Bid for advertisement in summer/fall of 2018, after Planning completes their 2<sup>nd</sup> review, and provides Categorical Exemption Modifications. All ancillary work by BBR must be complete at the Fire Stations receiving 4-Folds before the new doors can be installed by the JOC contractor.

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## **Roofs (10 Fire Stations):**

- Package 1 (FS 3 - Roof/HVAC/Generator Replacement):  
The scope is to replace and install the new roof, HVAC and emergency generator at Station 3. FS3 was completed and closed out on 6.13.18.
- Package 2 (FS 40 - Roof Replacement In-kind):  
The scope calls for replacing the roof in-kind at Station 40. Project is closed out.
- Package 3 (FS 3 & 17 Roof Replacement):  
On 11/17/16 the project was closed out.
- Package 4 (Not Used):  
Package not used.
- Roof Package 5, 6 & 7 were merged into a single bid package (Pkg. 5) (Fire Stations 9, 20, 23, 24, 29, and 43). The NTP was issued to Pioneer on 6.29.17 with a Substantial Completion date of 10.22.17. Pioneer's bid came in at \$1.7M, 75% of the construction estimate by Saylor (\$2.3M), and the funds were reallocated to program contingency. Substantial Completion of all base bid work was achieved by 10.22.17, with the exception of a delay due to the use of a mechanical allowance for a long lead item at FS 43, changing the Substantial Completion date to 12.11.17. Construction Management is preparing a Recommendation for Project Closeout.

## **Showers (7 Fire Stations):**

- Package 1 (FS 13, 20, 22 & 34):  
The scope consists of renovating the existing showers at 4 stations. This project is closed out.
- Package 2 (FS 17, 19 & 33)  
The scope is to renovate the existing showers at 4 stations. Per SFFD direction on 7.18.16 FS 10 was removed from the scope because FS 10 is being used as swing space for FS5 while it is under construction. BDC is re-permitting Package 2, and the Invitation to Bid is anticipated to advertise in summer of 2018.

### **Window Repairs (15 Fire Stations):**

BBR was selected to perform all the work, per SFFD direction, for all window repair projects.

- Package 1 (FS 9, 19, 24, & 29):  
Package 1 is closed out.
- Package 2 (Not Used):  
Package not used.
- Package 3 (FS 25):  
Package 3 is closed out.
- Package 4 (FS 8, 20 & 21):  
Package 4 is closed out.
- Package 5 (FS 14, 33, 37 & 43):  
FS 14, 37, 41 and 43 are completed, and FS 33 is delayed until parts can be located for repairs.
- Package 6 (FS 11, 12 & 23):  
Package 6 is closed-out.

### **Exterior Envelope (8 Fire Stations):**

- Package 1 (FS 8, 20, 23 & 29):  
The scope includes power wash and new paint to exterior facade of the stations. BBR was selected to perform the work per SFFD direction, and provided cost proposals in summer 2015. SFFD directed Public Works on 4.25.16 to put FS 8 Exterior Envelope on hold until the adjacent commercial mid-rise building that was under construction was complete in spring 2018. Fire Stations 20, 23 & 29 were on hold until Pkg 5 Roof Replacement project was substantially complete. Project Management has requested that BBR re-price and resubmit the cost proposals to Project Management. This exterior envelope work will commence in spring of 2019.
- Package 2 (FS 24 & 34):  
The scope of work consists of historic restoration of select exterior façade elements including brick re-pointing and limited replacement, lintel repair and re-coating, replacement of damaged glazing, and repainting of stucco in select areas. Bids were due on 5.23.18, and 3 of 4 of the bidders were deemed non-responsive. The City rejected all bids and this project will be rebid in late 2018, so that the exterior envelope work can commence in spring of 2019.

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- Package 3 (FS 11):  
The scope of work includes repair deficiencies at the exterior envelope, power wash all surfaces, and prepare substrates required to receive new paint at the exterior façade. This project is on hold until the Seismic Hose Tower Removal project is complete at this station, a project that is anticipated to bid in late 2019.
- Package 4 (FS 22):  
The scope includes roofing, exterior envelope, waterproofing, and window repairs. An Invitation to Bid was advertised in early January 2018. Bids were due on 2.7.18, and Argo Construction was the low bidder at \$780,000. Notice to Proceed was issued to Argo on 5.14.18.

## **Mechanical (TBD)**

- Package 1 (8, 9, 14, 20 & 41):  
Per discussion with BBR, BBR team may be able to diagnose and improve the rooftop mechanical units at various stations. Previous PM met with BBR on 9/23/16 to discuss work logistics and plan. Mechanical scope of work at each station will be confirmed during site walks with BBR in late 2018, and priorities will be assigned in discussions with SFFD.

## **Emergency Generators:**

- Package 1 (FS 31):  
The original project included replacement of the generator at FS 31, and minor improvements at FS 14, 24 and 37. At SFFD's request, the repairs at FS 14, 24, and 37 have been cancelled as part of this project. Instead, the SFFD requested full replacement of generators at FS 14, 24, and 37. The package 1 scope of work is to replace the existing emergency generator at FS 31. On March 31, 2018, GHD Engineering completed construction documents for this project, and on 5.30.18, Planning issued a Cat Ex. This project is being permitted, and will be bid informally to the City's as-needed electrical contractors.
- Additional Generator Replacement at FS 2  
The scope of work will consist of replacement of an existing roof top generator with a new generator and fuel tank to meet SFFD's 72 hour emergency run time protocol, upgrades to the roof structure, and installation of a new fuel fill port. GHD Engineering was issued a design NTP on 4.5.18.

# Earthquake Safety and Emergency Response Bond Program

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(ESER 2010 & 2014)

- Additional Generator Replacement at FS19  
The scope of work will consist of replacement of an existing generator with a new generator and fuel tank to meet SFFD's 72 hour emergency run time protocol. In addition, GHD has recommended the replacement of secondary power infrastructure components including existing elect, switch board, transfer switch, distribution panel board, and new feeders. A design NTP will be issued to GHD and BDC in early July. This project will require a PUC and PG&E review in the design and construction phases.

## **Sidewalks/Slabs**

- Package 1 (FS 13):  
Project is closed out.
- Package 2 (FS 31):  
Project is closed out.
- Package 3 (FS 26):  
Project is closed out.
- Package 4 (FS 20)  
This project was eliminated at SFFD's request.

## **Access Control Systems (35 Fire Stations):**

- The scope is to provide electronic access control systems via card key at all exterior person-doors at all fire stations, including providing new or replacement of door hardware and electronic power systems as needed. Thirty three Fire Stations have received new electronic access control systems, and 11 Fire Stations are remaining. Project Management is working with Contracts to procure a JOC by end of summer 2018 for the remaining work.

# Earthquake Safety and Emergency Response Bond Program

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(ESER 2010 & 2014)

## **Bureau of Equipment and Emergency Medical Services**

SFFD requested Public Works to prepare a program analysis and cost estimate for the Bureau of Equipment (BOE) and the Emergency Medical Services (EMS) for consideration as a project or projects to be funded by ESER 2014.

The two projects were found to be infeasible to deliver within ESER 2014.

The EMS Facility project was deferred to Public Health and Safety Bond which was approved by 79 percent of the voters in June 2016 under the new project name of Ambulance Deployment Facility (ADF). Public Works completed program analysis and conducted test fits for the EMS Facility at four locations. The optimal site was found to be a consolidation of two properties owned by the City, the equipment yard located behind Fire Station No. 9, at 2245 Jerrold Ave., combined with an adjacent vacant railroad right-of-way that extends from Jerrold Avenue to McKinnon Avenue. The budget for the EMS Facility is \$44M, for a project scheduled to be completed in 2020.

Public Works conducted test fits of the BOE Facility at two locations. The optimal scenario was found to be renovation of the existing SFFD EMS facility at 1415 Evans, which would become available after EMS is relocated. Therefore, further work on the BOE Facility project is deferred to a subsequent bond program to be determined.



### Emergency Firefighting Water System

**Component Description:** The Earthquake Safety and Emergency Response Bonds will seismically improve the Emergency Firefighting Water System cisterns, pipelines, tunnels, and physical plant.

**Background:** The Emergency Firefighting Water System is vital for protecting against the loss of life, homes, and businesses from fire following an earthquake. It is also used for the suppression of non-earthquake multiple-alarm fires.

#### Status:

#### Planning and Design

1. 19th Avenue Pipeline – Install new 20” Auxiliary Water Supply System (AWSS) pipe on 19<sup>th</sup> Avenue from Irving Street to Kirkham Street as part of Public Works’ 19<sup>th</sup> Avenue Roadway Improvements, Contract 2652J. Bid advertisement 10/2018.
2. Fireboat Manifold – Install new fireboat manifold and pipeline at Fort Mason Pier 2. Implementation schedule being reviewed.
3. Ingleside Pipeline – Install new 20” AWSS pipe from existing Ocean Avenue AWSS pipe towards Lake Merced. Design completion 9/2018. Implementation schedule being reviewed.
4. Lake Merced Pipeline – Install new 20” AWSS pipe from Lake Merced Pump Station to Vidal Drive / Higuera Avenue intersection. Design completion 3/2019.
5. Sunset Pipeline – Install new Potable AWSS pipeline from Sunset Reservoir. Planning completion 8/2018.
6. University Mound Pipeline – Install new 20” AWSS pipe from University Mound Reservoir to the existing 20” AWSS pipe at Third Street and Salinas Avenue. Design completion 9/2018. Implementation schedule being reviewed.
7. University Mound Pump – Install new pump at University Mound Reservoir in conjunction with the University Mound Pipeline project. Implementation schedule being reviewed.

#### Construction

1. Ashbury Bypass Pipeline – Install new 20” AWSS pipe near Ashbury Heights Tank as part of Public Works’ Clayton St, Clipper St, and Portola Dr. Pavement Renovation, Sewer Replacement and Water Installation, Contract 2500J. Notice-to-proceed issued 4/2018. AWSS construction completion 5/2019.
2. Clarendon Supply – Provide a new AWSS water supply and pipe near the crest of Clarendon Avenue at Dellbrook Avenue. Work to be included in AWSS Pipeline Improvements contract to be advertised 7/2018.
3. Irving Street Pipeline – Install new 20” AWSS pipe on Irving Street from 7th Avenue to 19th Avenue as part of Public Works’ Irving Streetscape & MUNI Forward, Contract 2541J. AWSS construction completion 9/2018.
4. Mariposa/Terry Francois Boulevard AWSS Pipeline – Construction completion 9/2018.
5. Pumping Station 1 – Install new diesel engines for seawater pumps. Substantial completion 7/2018.
6. Pumping Station 1 Tunnel – Install resilient inserts to improve Pumping Station 1 seawater tunnel seismic performance. Implementation schedule being reviewed.
7. Pumping Station 2 – Improve the building structure’s seismic performance. Construction completion 4/2020.

# Earthquake Safety and Emergency Response Bond Program

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(ESER 2010 & 2014)

8. Street Valve Motorization – Motorize Street valves on AWSS pipelines for improved water flow control. Work to be included in AWSS Pipeline Improvements contract to be advertised 7/2018.

# Earthquake Safety and Emergency Response Bond Program (ESER 2010 & 2014)

## Office of the Chief Medical Examiner (OCME)



**Project Description:** The \$66.2M project will relocate Office of the Chief Medical Examiner (OCME) to One Newhall Street in the India Basin Industrial Park. The new facility will house about 50 employees who are organized into the four units of the OCME: Field Investigations, Medical/Autopsy, Laboratory, and Administration.

One Newhall Street was an existing 28,000 gsf industrial warehouse which was almost entirely demolished and a second floor was added within the existing footprint of the building resulting in a seismically safe 46,000 gsf facility.

**Background:** The existing OCME is located at 850 Bryant also known as the Hall of Justice (HOJ). The HOJ is over 50 years old and seismically deficient. In the event of a major earthquake, this building is not expected to be operational. This project is part of a larger strategy to replace the Hall of Justice established in the City's 10-Year Capital Plan as the Justice Facilities Improvement Program (JFIP).

The OCME is accredited by the National Association of Medical Examiners (NAME). During the previous accreditation in 2008, the City was advised that the existing facility is undersized, has a number of deficiencies that are currently mitigated by operational protocols, and the facility should be replaced to assure continued accreditation.

# Earthquake Safety and Emergency Response Bond Program

(ESER 2010 & 2014)

## **Project Status:**

**KMD Architects** as executive architect has been providing CA phase services. Majority of permits have been obtained. There are three permit addenda at DBI awaiting approval. Eighty seven Informational Bulletins were issued for various clarifications and added scope.

**Clark Construction** started construction on November 17, 2015. Certificate of Final Completion and Occupancy received on March 30, 2018.

**LEED Gold** is the mandatory goal for this project (minimum 60 points required to be awarded the Gold certification). Project was registered with USGBC on April 9, 2014. Updated LEED scorecard lists 64 points under “yes” and 4 points are under “maybe” category.

## **SCHEDULE**

- Construction NTP November 17, 2015
- Permanent Power Tie-In April 18, 2017
- Start of Close-Out July 16, 2017
- Substantial Completion October 10, 2017
- Facility open for business November 6, 2017
- Final Completion March 30, 2018

## **LOCAL HIRING**

- Total Work Hours – 30% requirement
- Actual – 30%
- Apprentice Work Hours – 50% requirement
- Actual – 50%

## **LBE Participation**

- LBE Goal – 20%
- Total LBE Commitment is 26.54%
- Invoiced Amount through December – 29.86%

## **SAFETY**

- No injuries, recordables incidents, or first aids

**Traffic Company & Forensic Services Division (ESER 2014)**



Demolition of Existing Bakery (May 9, 2018)

**Project Description:** The project will relocate the SFPD Forensic Services Division (FSD) and SFPD Traffic Company (TC) to a site located at 1995 Evans Avenue, San Francisco. The amount of space requested for the Traffic Company was determined based on the Police Facilities Master Planning Study dated August 23, 2012.

The project is being developed to support a Full Time Employee (FTE) forecast for 2020 FSD demand of approximately 109 for FSD, approximately 100 for the Traffic Company and approximately 9 for the Real Estate Division's building engineering and custodial services. The size of the facility is approximately 90,000 gross square feet and allows for a potential future expansion if required.

**Project Background:** The SFPD Traffic Company is currently located at the Hall of Justice (HOJ) at 850 Bryant Street. The SFPD FSD is currently located in two facilities. The FSD Administration, Crime Scene Investigations, and Identification units are housed at the HOJ. The FSD Crime Lab is housed in Building 606 at the Hunters Point Shipyard. The HOJ is over 50 years old and seismically deficient. In the event of a major earthquake, this building is not expected to be operational. This project is part of a larger strategy to

# Earthquake Safety and Emergency Response Bond Program

(ESER 2010 & 2014)

replace the Hall of Justice, established in the City's 10-Year Capital Plan as the Justice Facilities Improvement Program (JFIP).

The Hunters Point Shipyard is being transferred from the U.S. Navy to the City. The City plans to develop the Shipyard as a residential area. The area in which Building 606 is located is planned to be public open space as an amenity for nearby residences. Prior to the transfer of the property, the Navy is obligated to remove and mitigate hazardous materials in the soil.

**Project Status:** CEQA has been completed; a MND -mitigated negative declaration - was published in November 2013 and approved with no appeal.

Millennium Consulting performed the Hazardous Materials evaluation in October 2014, and published the final report in April 2015. Numerous building components were identified to contain lead and asbestos containing material in detectable quantities. Escrow on the site acquisition closed in February 2015. Discussion of CalTrans parcel and adjacent rail line for use as surface parking lot is underway between the City's Real Estate Division and CalTrans. Site survey work was completed in August 2015.

HOK was selected through a competitive solicitation as the Executive Architect leading a team of architects and engineers to provide design, construction support, and other consultation services. HOK's Design Development phase began on November 27, 2017 to coincide with the start of pre-construction services. HOK submitted the Site Permit Application to the Department of Building Inspections (DBI) on December 21, 2017.

Azul Works, Inc. was selected to be the General Contractor (GC) through a competitive solicitation in July 2017 to lead the hazardous materials abatement and demolition of the existing City owned facilities located at 1995 Evans Avenue. The notice to proceed to Azul Works was issued on October 20, 2017, however vacating the 1995 Evans Avenue facility was not possible by RED until November 10, 2017 (upon sufficient completion of the Central Shops facility on Jerrold Avenue). Abatement submittal work and demolition permitting was anticipated to be approximately two months in duration followed by approximately three months of on-site abatement and demolition. The Demolition Permit Application was submitted to DBI on January 16, 2018 and routed directly to the Planning Department who made the completion of the Demolition Permit Application review contingent upon the Planning Departments approval of the Site Permit Application, causing a delay of approximately three months to the start of demolition. In the meantime, the "Final Clearance for Asbestos-Related Work and Lead-Related Activities" was issued on April 12, 2018. The Planning Department completed its review of the Site Permit Application, and consequently the Demolition Permit Application on April 19, 2018. DBI then initiated its

# Earthquake Safety and Emergency Response Bond Program

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## (ESER 2010 & 2014)

review of both the Demolition and Site Permit Applications. DBI issued the Demolition Permit on May 8, 2018. Demolition is anticipated to be completed in July 2018. DBI is currently reviewing the Site Permit Application and issued comments on June 18, 2018. Responses from the architect are forthcoming.

Clark Construction was selected to be the Construction Manager/General Contractor (CM/GC) through a competitive solicitation in July 2017. Clark will lead a team of “Core Trade Subcontractors,” specifically: C/S Erectors for the exterior building envelope, Southland Industries for mechanical and plumbing, and Rosendin Electric for electrical. The CM/GC Team will provide pre-construction services, Phase 1 of which started on November 27, 2017. The initial estimate in January 2018 from the CM/GC Team reported a nearly \$30M over budget amount. Cost reduction efforts were presented to the Capital Planning Committee on April 30, 2018. The presentation described that after two separate VE efforts in 2016/17 + 2018, yielding reductions of \$12.35M + \$14.3M without impacting program, the remaining \$6.65M budget deficit would require program reduction. The resulting outcome of the CPC meeting was a stated commitment from the City Administrator to fund the project from the FY19-20 budget to avoid program reductions.

The Executive architect will be issuing a Criteria Package for bidding to the Core Trade Subcontractors in early July 2018. Upon acceptance of the bids, the Core Trade Subcontractors will become the design-builders for their respective trades for Phase 2 of pre-construction services. Construction is expected to start in December of 2018 with rough grading and pile driving activities. Substantial completion is scheduled for late 2020. The project is obligated to achieve LEED Gold certification.

### **Schedule:**

- |  |                   |
|--|-------------------|
| • Pre-Construction Services NTP                        | November 27, 2017 |
| • Pre-Construction Services Full Team Kick-off Meeting | November 30, 2017 |
| • New building construction Services NTP               | November 2018     |
| • Substantial Completion                               | December 2020     |
| • Final Completion                                     | March 2021        |

# Earthquake Safety and Emergency Response Bond Program

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(ESER 2010 & 2014)

## Police Facilities (ESER 2014)

**Component Description:** The project includes various focused scope projects at 12 police facilities (9 district stations and 3 support facilities) across the City. The work scopes are derived from a series of onsite investigations, observations, and professional evaluations of different building systems that include mechanical, electrical, plumbing, fire protection, and structural safety. It also includes assessments of building envelope (i.e. integrity of roof, doors, windows, and walls), ADA accessibility requirements, as well as other site improvements that ensure safety and security.

The project's overall budget is \$30M, the cost to address all building issues will likely exceed the budget, and therefore priorities are selected per recommendations by the Citywide Capital Plan. Those building deficiencies that potentially compromise the public's health and safety, and others that pertain to code compliance will get the first priority.

The following is a detailed status per project:

### **ADA PACKAGE 1**

The project addresses accessibility issues at the following stations: Central, Mission, Bayview, Northern, and Tenderloin. Project is completed, there are no updates.

### **ADA PACKAGE 2**

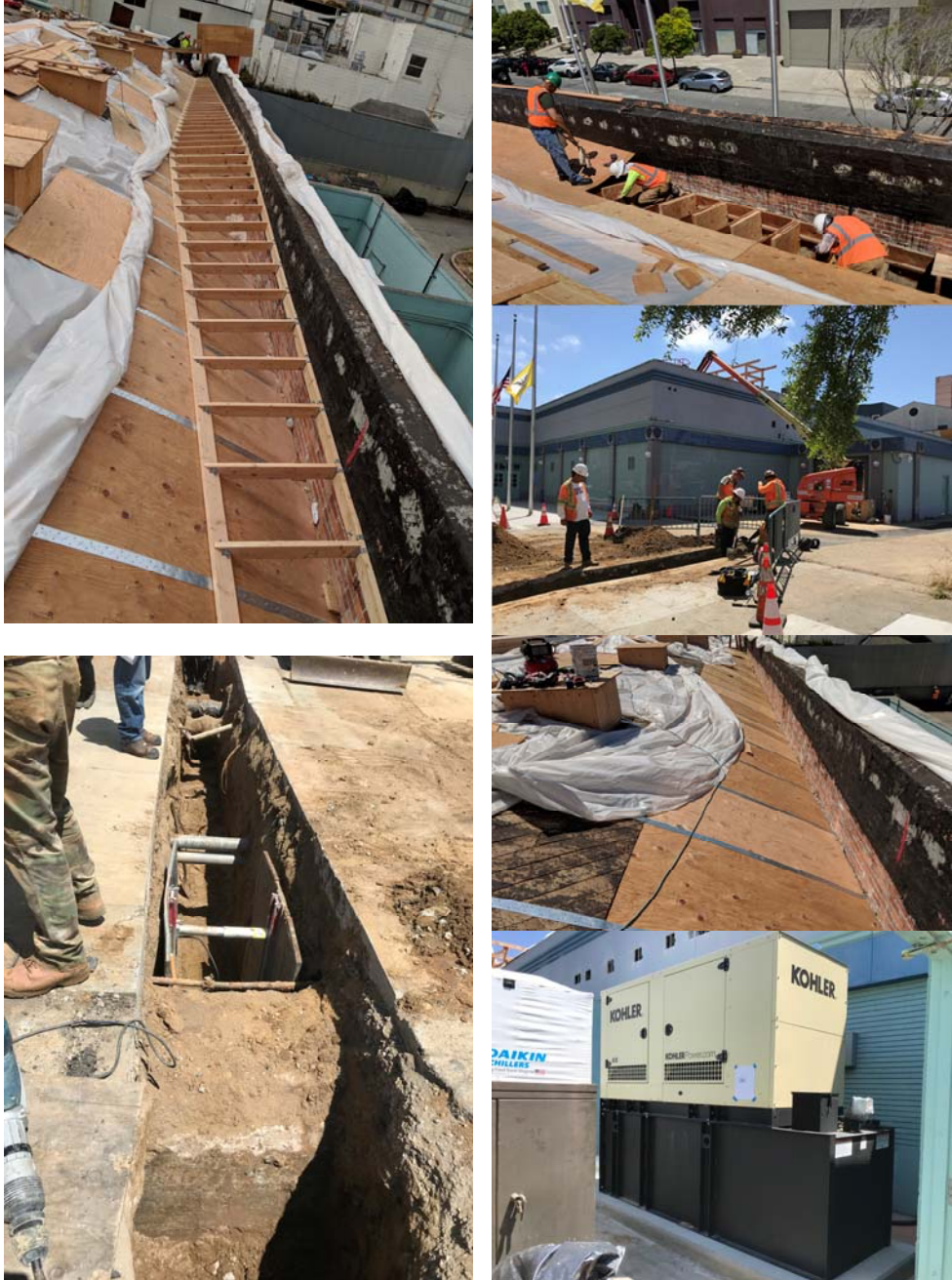
The project addresses accessibility issues at the following stations: Park, Ingleside, Taraval, Richmond, and Police Academy. Project is completed, there are no updates.



# Earthquake Safety and Emergency Response Bond Program (ESER 2010 & 2014)

## NORTHERN, RICHMOND, TARAVAL POLICE STATION RENOVATION PROJECT

### NORTHERN POLICE STATION



Clockwise: New Wood Cricket to Allow Proper Roof Drainage, Installation of New Wood Blocking, Installation of New Sewage Pipe, New Plywood Sheathing and Strap Over New Wood Block, New Back-up Generator and Chiller on New Concrete Pad and Existing Concrete Beam Discovered During Excavation

# Earthquake Safety and Emergency Response Bond Program

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## (ESER 2010 & 2014)

### Status:

1. Sewage and site work completed.
2. Placed new chiller on new concrete pad.
3. Placed new back-up generator on new concrete pad.
4. Existing back-up generator removed.
5. AC unit in Telecom Room has been installed.
6. Roofing and structural scope of work is 50% completed.

### **RICHMOND POLICE STATION**

1. Contractor submitted back-up generator permit to DBI, pending approval.

### **TARAVAL POLICE STATION**

1. Existing chiller has been removed.
2. New concrete pad for new chiller has been poured.

### **NEW FIREARMS SIMULATOR TRAINING FACILITY**



The project is substantially completed. However the area that was under the existing trailer (now removed) was paved with the wrong type of material. Per Planning Department requirements the new pavement is required to be a permeable with the intent to divert additional run-off to Lake Merced. A standard type asphalt was installed and as a result of that the pavement will have to be removed and replaced with permeable pavement. Public Works Project Manager is currently negotiating the cost for this work and reviewing material submittals.

# Earthquake Safety and Emergency Response Bond Program

(ESER 2010 & 2014)

## **PARK and INGLESIDE POLICE STATION RENOVATION**

Park Police Station is under construction, Ingleside Police Station will begin construction in July.

The following was completed at Park Station:

1. Excavation for new shotcrete wall was completed.
2. Structural work in attic spaces is 50% completed.
3. Construction Permit for new back-up generator has been submitted to DBI.

The following was completed at Ingleside Station:

1. Construction permit for new back-up generator has been submitted to DBI.
2. Survey of wood rafter completed; rafter replacement to begin July 2018.

## **POLICE ACADEMY RENOVATION**

An agreement has been made with PG&E that primary service upgrade at the site is not necessary for the proposed scope of work. In lieu of a new primary service, an underground service interrupter has been accepted as an alternative. The underground service interrupter will be a significant cost savings compared to a new primary service. Public Works design team has made changes to the bid documents to reflect this new requirement and is in the process of submitting a permit addendum for the change. PUC and PG&E is working on to provide the design for the underground service interrupter and transformer upgrade.

In May 2018, the ESER project team has been directed by Capital Planning to put the project on-hold until further notice.

## **MEP PACKAGE 2 (BAYVIEW, TENDERLOIN)**

The project has been awarded to Wickman Construction for a total of \$3,582,000. A pre-construction meeting occurred between Public Works and the GC on 6/7/2018, OLSE was present and spoke about City prevailing wage and labor rate requirements. Public Works issued NTP on 6/25/2018. The first 60 calendar days is slated for pre-construction activities; active construction is assumed to begin late August / early September.

## **MISSION POLICE STATION RENOVATION**

100% design drawings were completed in May 2018; the final cost estimate was also completed in May by Martin Lee Corporation. The construction cost estimate to complete this project is \$474,599.

In May 2018, the ESER project team has been directed by Capital Planning to put the project on-hold until further notice.

# Earthquake Safety and Emergency Response Bond Program

## (ESER 2010 & 2014)

### Budget, Funding and Expenditures

#### ESER 2010

The budget for the ESER 2010 Bond Program is \$412,300,000. The revised budget is \$416,758,553 which includes interest-earned. Additionally, Public Works revised budgets for the NFS and OCME components. The ESER 2010 Neighborhood Fire Stations increased by \$1,300,000 from \$71,067,175 to \$72,367,175 funded by the savings from the Public Safety Building. The same amount is deducted from the ESER 2014 Neighborhood Fire Stations in order to fund the additional need for the Office of the Chief Medical Examiner. The budget for other costs such as the Controller’s Audit Fund, Citizens General Obligation Bond Oversight Committee, Cost of Issuance and Underwriters’ Discount remained the same. The following is a summary of the budget and appropriation per component:

Components/Projects	Original Budget	Revised Budget	GENERAL OBLIGATION BONDS				Encumbrance+ Expenditures / Revised Budget	Encumbrance+ Expenditures / Appropriation
			Appropriation (i)	Expenditures	Encumbrance	Balance		
Public Safety Building (PSB)	239,000,000	230,500,000	230,500,000	228,635,201	269,585	1,595,214	99%	99%
Neighborhood Fire Stations (NFS)	64,000,000	72,367,175	71,067,175	36,937,064	21,887,840	12,242,271	81%	83%
Auxiliary Water Supply System (AWSS)	102,400,000	102,684,472	102,684,472	76,979,758	3,633,710	22,071,004	79%	79%
Oversight, Accountability & Cost of Issuance	6,900,000	4,006,906	4,006,906	3,313,271		693,635	83%	83%
PSB Savings		7,200,000	8,500,000	0	0	8,500,000	0%	0%
<b>TOTAL</b>	<b>412,300,000</b>	<b>416,758,553</b>	<b>416,758,553</b>	<b>345,865,294</b>	<b>25,791,135</b>	<b>45,102,124</b>	<b>89%</b>	<b>89%</b>

(i) Appropriation will reflect revised budget upon completion of budget revision #2 transactions and interest earned reallocation into respective components.

The Accountability reports for the second thru sixth bond sales are available on the ESER website at <http://www.sfearthquakesafety.org/eser-2010-reports.html>.

#### Expenditures and Encumbrances

As a result of problems with conversion to the City’s new financial system, FSP, the ESER 2010 expenditures and encumbrances are through June 30, 2017, which are \$345,865,294 and \$25,791,135 respectively. The combined totals at the time represent 89% of the appropriation of and 89% of the budget.

# Earthquake Safety and Emergency Response Bond Program

(ESER 2010 & 2014)

## ESER 2014

The ESER 2014 budget is \$400,000,000. The total appropriation is \$210,265,000. The following is a summary of the budget and appropriation per component:

Components/Projects	Original Budget	Revised Budget	GENERAL OBLIGATION BONDS				Encumbrance+ Expenditures / Revised Budget	Encumbrance+ Expenditures / Appropriation
			Appropriation (i)	Expenditures	Encumbrance	Balance		
Office of the Chief Medical Examiner (OCME)	63,895,000	67,533,024	66,233,024	59,665,999	659,146	5,907,879	89%	91%
Traffic Control & Forensic Services Division (TC/FSD)	162,195,000	162,195,000	46,703,201	23,347,118	1,741,673	21,614,409	15%	54%
Police Facilities (PF)	29,490,000	29,490,000	17,077,654	6,716,544	4,260,680	6,100,429	37%	64%
Neighborhood Fire Station (NFS)	83,555,000	79,916,976	23,793,505	10,143,466	2,025,922	11,624,117	15%	51%
Emergency Firefighting Water System (EFWS)	54,065,000	54,065,000	54,065,000	4,877,891	1,401,714	47,785,397	12%	12%
Component Subtotal	393,200,000	393,200,000	207,872,385	104,751,018	10,089,136	93,032,232	29%	55%
Oversight/Accountability & Cost of Issuance	6,800,000	6,800,000	2,392,617	1,881,237	0	511,380	28%	79%
<b>TOTAL</b>	<b>400,000,000</b>	<b>400,000,000</b>	<b>210,265,000</b>	<b>106,632,255</b>	<b>10,089,136</b>	<b>93,543,612</b>	<b>29%</b>	<b>56%</b>

(i) Appropriation will reflect revised budget upon completion of budget revision #2 transactions.

Public Works revised budgets for the NFS and OCME components. The ESER 2014 Neighborhood Fire Stations decreased by \$1,300,000 from \$81,216,967 to \$79,916,976. The same amount is increased in the ESER 2010 Neighborhood Fire Stations, in order to fund the additional need for the Office of the Chief Medical Examiner. The OCME increased by \$1,300,000 from \$66,233,024 to \$67,533,024.

The TCFSD budget is \$162,195,000 of which \$46,703,201 has been appropriated. Future bond sale(s) totaling \$115,491,799 would be needed to fully fund this component.

The Police Facilities budget is \$29,490,000 of which \$17,077,653 has been appropriated. Future bond sale(s) totaling \$12,412,347 would be needed to fully fund this component.

The Oversight, Accountability and Cost of Issuance budget is \$6,800,000 of which \$2,392,617 has been appropriated.

### Expenditures and Encumbrances

As a result of problems with conversion to the City's new financial system, FSP, the ESER 2014 expenditures and encumbrances are through June 30, 2017, which are \$106,632,255 and \$10,089,136 respectively. The combined totals at that time represent 29% of the appropriation of and 56% of the budget.

# Earthquake Safety and Emergency Response Bond Program (ESER 2010 & 2014)

## Attachment 1 – Contact Information



San Francisco Public Works | City and County of San Francisco | Building Design and Construction | Project Management

30 Van Ness Avenue, Suite 4100 | San Francisco, CA 94102 | (415) 557-4700 | [sfpublicworks.org](http://sfpublicworks.org)

Contact	Title	Component	Telephone No.	Cell No.	E-mail
Charles Higuera	Program Manager	ESER 2010 & 2014	(415) 557-4646	(415) 307-7891	charles.higuera@sfdpw.org
Magdalena Ryor	Project Manager	ESER 2010 NFS; ESER 2014 OCME & NFS	(415) 557-4659	(415) 602-0930	magdalena.ryor@sfdpw.org
Michael Rossetto	Project Manager	ESER 2014 TC/FSD	(415) 557-4773	(415) 530-7368	michael.rossetto@sfdpw.org
Lisa Zhuo	Project Manager	ESER 2014 PF	(415) 557-4699		lisa.zhuo@sfdpw.org
Sherry Katz	Project Manager	ESER 2010 & 2014 NFS Focused Scope	(415) 557-4718		sherry.katz@sfdpw.org
Sean O'Brien	Project Mgr. Asst.	ESER 2010 & 2014 NFS	(415) 557-4694		sean.obrien@sfdpw.org
Marisa Fernandez	Financial Analyst	ESER 2010 & 2014	(415) 557-4653		marisa.fernandez@sfdpw.org
Kelly Griffin	Financial Analyst	ESER 2010 & 2014 NFS	(415) 557-4667		kelly.griffin@sfdpw.org
Jamin Barnes	Financial Analyst	ESER 2014 PF	(415) 557-4654		jamin.barnes@sfdpw.org
Whitney Simon	Financial Analyst	ESER 2014 OCME & TC/FSD	(415) 557-4673		whitney.simon@sfdpw.org
Public Utilities Commission					
525 Golden Gate Avenue, 9th Floor   San Francisco, CA 94102					
Contact	Title	Component	Telephone No.	Cell No.	E-mail
David Myerson	Project Manager	ESER 2010 AWSS & ESER 2014 EFWS	(415) 934-5710	(415) 500-5449	dmyerson@sflower.org

Earthquake Safety and Emergency Response Bond Program  

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**(ESER 2010 & 2014)**

**Attachment 2 – Financial Summary**

# Earthquake Safety and Emergency Response Bond Program (ESER 2010 & 2014)

Earthquake Safety & Emergency Response Bond Program ESER 2010 Program Budget Report - Expenditures thru Fiscal Year End 2017									
Status	Project	Category	Baseline Budget	Revised Budget*	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
<b>PUBLIC SAFETY BUILDING</b>									
CLOSE-OUT	<b>PUBLIC SAFETY BUILDING</b> (CESER1 PS; 7400A & 7410A )	Soft Costs	44,066,886	43,784,273	43,784,273		43,423,357	195,985	164,931
		Construction	194,933,114	186,715,730	186,715,727		185,211,844	73,600	1,430,283
		Project Contingency	0	0	0		0	0	0
		<b>Subtotal</b>	<b>239,000,000</b>	<b>230,500,000 <sup>(9)</sup></b>	<b>230,500,000</b>	<b>0</b>	<b>228,635,201</b>	<b>269,585</b>	<b>1,595,214</b>
<b>NEIGHBORHOOD FIRE STATIONS</b>									
COMPLETED	<b>FOCUSED SCOPE</b> <b>Stations: 2, 6, 10, 12, 13, 15, 17, 18, 21, 25, 26, 28, 31, 32, 38, 40, 41, 42, 49</b> (CESER1 FS 31, 32, 34, 35, 36, 37, 39)	Soft Costs	3,028,431	2,471,543	2,471,543		2,471,543	0	0
		Construction	9,190,145	8,245,672	8,245,672		8,245,672	0	0
		Construction Contingency	0	0	0		0	0	0
		<b>Subtotal</b>	<b>12,218,577</b>	<b>10,717,215</b>	<b>10,717,215</b>	<b>0</b>	<b>10,717,215</b>	<b>0</b>	<b>0</b>
VARIOUS	<b>ADDITIONAL FOCUSED SCOPE</b> <b>Exterior Envelope HQ, Misc. FS 49;</b> <b>Additional projects TBD</b>	Soft Costs		3,065,058	191,871		104,967	0	86,904
		Construction		0	0		0	0	0
		Construction Contingency		0	0		0	0	0
		<b>Subtotal</b>	<b>0</b>	<b>3,065,058</b>	<b>191,871</b>	<b>0</b>	<b>104,967</b>	<b>0</b>	<b>86,904</b>
DESIGN	<b>ADDITIONAL FOCUSED SCOPE</b> <b>App Bay Doors</b>	Soft Costs		2,338,025	0		0	0	0
		Construction		0	0		0	0	0
		Construction Contingency		0	0		0	0	0
		<b>Subtotal</b>	<b>0</b>	<b>2,338,025</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
COMPLETED	<b>COMPREHENSIVE: STATION 44</b> (CESER1 FS38; Job Order 7438A)	Soft Costs	263,255	380,159	380,159		380,157	0	2
		Construction	1,304,010	1,000,813	1,000,813		1,000,813	0	0
		Construction Contingency	0	0	0		0	0	0
		<b>Subtotal</b>	<b>1,567,265</b>	<b>1,380,972</b>	<b>1,380,972</b>	<b>0</b>	<b>1,380,970</b>	<b>0</b>	<b>2</b>
CLOSE-OUT	<b>COMPREHENSIVE: STATION 36</b> (CESER1 FS27; Job Order 7427A)	Soft Costs	1,336,140	1,194,385	1,194,211		1,170,656	8,423	15,132
		Construction	3,161,311	4,592,915	4,592,915		4,390,914	0	202,001
		Construction Contingency	300,766	0	7,798		0	0	7,798
		<b>Subtotal</b>	<b>4,798,217</b>	<b>5,787,300</b>	<b>5,794,924</b>	<b>0</b>	<b>5,561,570</b>	<b>8,423</b>	<b>224,931</b>
CONSTRUCTION	<b>SEISMIC: STATION 5 (New 2-story)</b> (CESER1 FS40; Job Order 7440A)	Soft Costs	2,526,299	4,289,177	3,651,440		2,941,464	181,138	528,838
		Construction	10,313,908	15,118,056	16,809,909		1,448,050	13,779,728	1,582,131
		Construction Contingency	998,550	1,481,550	0		0	0	0
		<b>Subtotal</b>	<b>13,838,757</b>	<b>20,888,783</b>	<b>20,461,349</b>	<b>0</b>	<b>4,389,514</b>	<b>13,960,866</b>	<b>2,110,969</b>



# Earthquake Safety and Emergency Response Bond Program (ESER 2010 & 2014)

Earthquake Safety & Emergency Response Bond Program ESER 2010 Program Budget Report - Expenditures thru Fiscal Year End 2017									
Status	Project	Category	Baseline Budget	Revised Budget*	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
PLANNING	<b>SEISMIC: STATION 9 UTILITY ISOLATION</b> (CESER1 FS41; Job Order 7441A)	Soft Costs	80,000	80,000	80,000		0	0	80,000
		Construction	96,000	96,000	96,000				96,000
		Construction Contingency	24,000	24,000	24,000				24,000
		<b>Subtotal</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200,000</b>
CONSTRUCTION	<b>SEISMIC: STATION 16 (New 2-story)</b> (CESER1 FS42; Job Order 7442A)	Soft Costs	1,802,919	3,817,473	3,660,079		2,878,299	56,019	725,761
		Construction	6,421,770	9,493,297	10,083,037		1,911,131	7,303,318	868,588
		Construction Contingency	616,968	914,300	50,134		0		50,134
		<b>Subtotal</b>	<b>8,841,656</b>	<b>14,225,070</b>	<b>13,793,250</b>	<b>0</b>	<b>4,789,430</b>	<b>7,359,337</b>	<b>1,644,483</b>
CEQA UNDER ESER 2014	<b>NEW PIER FIRE BOAT HEADQUARTERS</b> (CESER1 FS24; Job Order 7424A)	Soft Costs	4,133,301	726,450	726,450		258,820	430,392	37,238
		Construction	4,903,309	0	0		0		0
		Project Contingency	956,525	0	0				0
		<b>Subtotal</b>	<b>9,993,136 <sup>(1)</sup></b>	<b>726,450 <sup>(1)</sup></b>	<b>726,450</b>	<b>0</b>	<b>258,820</b>	<b>430,392</b>	<b>37,238</b>
PLANNING	<b>EQUIPMENT LOGISTICS CENTER</b> (CESER1 FS26; Job Order 7425A)	Soft Costs	589,000	17,680	8,179		8,179	0	0
		Construction							0
		Project Contingency							0
		<b>Subtotal</b>	<b>589,000</b>	<b>17,680</b>	<b>8,179</b>	<b>0</b>	<b>8,179</b>	<b>0</b>	<b>0</b>
	<b>PROGRAM-WIDE SOFT COSTS &amp; PROGRAM RESERVE</b> (CESER1 FS20; CESER1 FS30 Job Orders 7420A; 7429A, 7430A)	Soft Costs	11,217,709	11,508,748	9,900,904		9,726,403	128,822	45,678
		Construction							0
		Project Contingency	735,682	1,511,870 <sup>(7)</sup>					0
		<b>Subtotal</b>	<b>11,953,391</b>	<b>13,020,618</b>	<b>9,900,904</b>	<b>0</b>	<b>9,726,403</b>	<b>128,822</b>	<b>45,678</b>
	<b>NEIGHBORHOOD FIRE STATIONS SUMMARY</b> (CESER1 FS)	Soft Costs	24,977,055	29,888,698	22,264,836		19,940,488	804,794	1,519,554
		Construction	35,390,454	38,546,753	40,828,346		16,996,580	21,083,046	2,748,720
		Project Contingency	3,632,490	3,931,720	81,932		0	0	81,932
		GO Bond Proceeds	0	0	7,892,065		0	0	7,892,065
		<b>Subtotal</b>	<b>64,000,000</b>	<b>72,367,172</b>	<b>71,067,172 <sup>(9)</sup></b>	<b>0</b>	<b>36,937,068</b>	<b>21,887,840</b>	<b>12,242,271</b>

# Earthquake Safety and Emergency Response Bond Program (ESER 2010 & 2014)

Earthquake Safety & Emergency Response Bond Program ESER 2010 Program Budget Report - Expenditures thru Fiscal Year End 2017									
Status	Project	Category	Baseline Budget	Revised Budget*	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
<b>AUXILIARY WATER SUPPLY SYSTEM (AWSS)</b>									
<b>PRE-BOND PLANNING AND DEVELOPMENT</b>									
Program	<b>Pre-Bond Planning and Development</b>	Soft Costs	1,316,964	1,316,964	1,316,964		1,316,964	0	0
		Construction	0	0	0		0	0	0
		Project Contingency							0
		<b>Subtotal</b>	<b>1,316,964</b>	<b>1,316,964</b>	<b>1,316,964</b>	<b>0</b>	<b>1,316,964</b>	<b>0</b>	<b>0</b>
<b>AUXILIARY WATER SUPPLY SYSTEM (AWSS)</b>									
Complete	<b>Jones Street Tank</b>	Soft Costs	2,438,589	2,438,589	2,541,626		2,529,257	0	12,369
		Construction	3,964,463	3,964,463	3,879,109		3,879,109	0	0
		Project Contingency							0
		<b>Subtotal</b>	<b>6,403,052</b>	<b>6,403,052</b>	<b>6,420,735</b>	<b>0</b>	<b>6,408,366</b>	<b>0</b>	<b>12,369</b>
Complete	<b>Ashbury Heights Tank</b>	Soft Costs	1,414,827	1,414,827	1,366,699		1,366,699	0	0
		Construction	3,316,960	3,316,960	3,280,662		3,280,662	0	0
		Project Contingency		0					0
		<b>Subtotal</b>	<b>4,731,787</b>	<b>4,731,787</b>	<b>4,647,361</b>	<b>0</b>	<b>4,647,361</b>	<b>0</b>	<b>0</b>
Complete	<b>Twin Peaks Reservoir</b>	Soft Costs	1,195,104	1,195,104	1,200,360		1,200,360	0	0
		Construction	1,459,927	1,459,927	1,452,524		1,452,524	0	0
		Project Contingency							0
		<b>Subtotal</b>	<b>2,655,031</b>	<b>2,655,031</b>	<b>2,652,884</b>	<b>0</b>	<b>2,652,884</b>	<b>0</b>	<b>0</b>
Construction	<b>Pump Station No. 2</b>	Soft Costs	6,600,000	6,600,000	6,090,458		4,359,566	127,304	1,603,588
		Construction	16,000,000	16,000,000	16,575,003		89,001	269,690	16,216,312
		Project Contingency							0
		<b>Subtotal</b>	<b>22,600,000</b>	<b>22,600,000</b>	<b>22,665,461</b>	<b>0</b>	<b>4,448,567</b>	<b>396,994</b>	<b>17,819,900</b>
Construction	<b>Pump Station No. 1</b>	Soft Costs	4,931,807	4,931,807	4,257,052		4,620,498	-155,523	-207,923
		Construction	9,018,714	9,018,714	9,417,558		8,744,579	659,136	13,843
		Project Contingency							0
		<b>Subtotal</b>	<b>13,950,521</b>	<b>13,950,521</b>	<b>13,674,610</b>	<b>0</b>	<b>13,365,077</b>	<b>503,613</b>	<b>-194,080</b>

# Earthquake Safety and Emergency Response Bond Program (ESER 2010 & 2014)

Earthquake Safety & Emergency Response Bond Program ESER 2010 Program Budget Report - Expenditures thru Fiscal Year End 2017									
Status	Project	Category	Baseline Budget	Revised Budget*	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
Complete	<b>FIREFIGHTING CISTERNS</b>								
	<b>Contract No. 1</b>								
		Soft Costs	508,057	508,057	508,057		508,057	0	0
		Construction	0	0	0		0	0	0
		Project Contingency		0					0
		<b>Subtotal</b>	<b>508,057</b>	<b>508,057</b>	<b>508,057</b>	<b>0</b>	<b>508,057</b>	<b>0</b>	<b>0</b>
Closeout	<b>New Cisterns</b>								
		Soft Costs	10,092,176	10,092,176	8,616,064	0	8,837,829	-152,718	-69,047
		Construction	24,509,682	24,509,682	27,170,113		24,474,128	2,600,258	95,727
		Project Contingency							0
		<b>Subtotal</b>	<b>34,601,858</b>	<b>34,601,858</b>	<b>35,786,177</b>	<b>0</b>	<b>33,311,957</b>	<b>2,447,540</b>	<b>26,680</b>
Complete	<b>Contract No. 3</b>								
		Soft Costs	50,718	50,718	50,718		50,718	0	0
		Construction	0	0	0		0	0	0
		Project Contingency							0
		<b>Subtotal</b>	<b>50,718</b>	<b>50,718</b>	<b>50,718</b>	<b>0</b>	<b>50,718</b>	<b>0</b>	<b>0</b>
Complete	<b>Contract No. 4</b>								
		Soft Costs	124,191	124,191	124,191		124,191	0	0
		Construction	0	0	0		0	0	0
		Project Contingency							0
		<b>Subtotal</b>	<b>124,191</b>	<b>124,191</b>	<b>124,191</b>	<b>0</b>	<b>124,191</b>	<b>0</b>	<b>0</b>

# Earthquake Safety and Emergency Response Bond Program (ESER 2010 & 2014)

Earthquake Safety & Emergency Response Bond Program ESER 2010 Program Budget Report - Expenditures thru Fiscal Year End 2017									
Status	Project	Category	Baseline Budget	Revised Budget*	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
Complete	<b>FIREFIGHTING PIPES AND TUNNELS AWSS Modernization CIP Study</b>	Soft Costs	2,739,289	2,739,289	2,739,289		2,739,289	0	0
		Construction	0	0	0		0	0	0
		Project Contingency	0	0					0
		Subtotal	2,739,289	2,739,289	2,739,289	0	2,739,289	0	0
		Various	<b>Pipes/Tunnels (Projects 11 thru 19)</b>	Soft Costs	8,011,693	8,011,693	6,988,282		5,664,377
		Construction	3,922,304	3,922,304	4,163,598		1,155,878	26,838	2,980,882
		Project Contingency							0
		Subtotal	11,933,997	11,933,997	11,151,880	0	6,820,255	237,154	4,094,471
Program	<b>CUW AWS 01</b>	Soft Costs	784,535	784,535	661,674	0	586,072	48,409	27,193
		Construction	0	0	0				0
		Project Contingency		0					0
		Subtotal	784,535	784,535	661,674	0	586,072	48,409	27,193
	<b>AUXILIARY WATER SUPPLY SYSTEM (AWSS)</b>	Soft Costs	40,207,949	40,207,949	36,461,434	0	33,903,877	77,788	2,479,769
		Construction	62,192,050	62,192,050	65,938,567		43,075,881	3,555,922	19,306,764
		Project Contingency	0	284,472 <sup>(6)</sup>	284,472	0	0	0	284,472
		Subtotal	102,400,000	102,684,472	102,684,473	0	76,979,758	3,633,710	22,071,005

# Earthquake Safety and Emergency Response Bond Program (ESER 2010 & 2014)

Earthquake Safety & Emergency Response Bond Program ESER 2010 Program Budget Report - Expenditures thru Fiscal Year End 2017									
Status	Project	Category	Baseline Budget	Revised Budget*	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
<b>SUMMARY</b>									
		Soft Costs	109,251,890	113,880,920	102,510,542	0	97,267,722	1,078,567	4,164,253
		Construction	292,515,618	287,454,533	293,482,640	0	245,284,305	24,712,568	31,377,832
		Contingency & Proceeds	3,632,490	4,216,192	8,258,469	0	0	0	366,404
		<b>Subtotal</b>	<b>405,400,000</b>	<b>405,551,646</b>	<b>404,251,651</b>	<b>0</b>	<b>342,552,027</b>	<b>25,791,135</b>	<b>35,908,489</b>
		<b>PSB Savings (pending close out)</b>	<b>0</b>	<b>7,200,000 <sup>(7)</sup></b>	<b>8,500,000 <sup>(6)</sup></b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,500,000</b>
		<b>BOND OVERSIGHT/ACCOUNTABILITY</b>	<b>1,216,200</b>	<b>1,238,955</b>	<b>1,238,955</b>	<b>0</b>	<b>685,562</b>	<b>0</b>	<b>553,393</b>
		<b>BOND COST OF ISSUANCE</b>	<b>5,683,800</b>	<b>2,767,951</b>	<b>2,767,951 <sup>(6)</sup></b>	<b>0</b>	<b>2,627,709 <sup>(2)</sup></b>	<b>0</b>	<b>140,242</b>
<b>TOTAL ESER 2010 (CESER1)</b>			<b>412,300,000</b>	<b>416,758,553</b>	<b>416,758,553 <sup>(3,4)</sup></b>	<b>0</b>	<b>345,865,294</b>	<b>25,791,135</b>	<b>45,102,124</b>

As of Fiscal Year End 2017, actual expenditures are \$419,512,630. The variances from the report are as follows:

(1) The transfer out to PUC AWSS is shown as actual (0935W OTO TO 5W-WATER DE)

(a) less \$76,374,756 for actuals per FAMIS Project Structure CUWAWA AW as of FYE 2017.

(b) less \$76,505 for actuals Controller's Audit Fund (CUW AWS 081C4) and CGOBOC (CUW AWS 081GO) as of FYE 2017.

\$102,568,217

(\$76,979,758)

(\$76,505)

(2) Cost of Issuance

Premium

Underwriter's Discount

(a) First Bond Sale

5,118,923

+

(211,953) =

4,906,970

4,906,970

(b) Second Bond Sale

16,898,267

+

(683,820) =

16,214,447

16,214,447

(c) Third Bond Sale

6,213,547

+

(65,051) =

6,148,496

6,148,496

(d) Fourth Bond Sale

2,606,056

+

(77,247) =

2,528,809

2,528,809

(e) Fifth Bond Sale

5,461,975

+

(202,062) =

5,259,913

5,259,913

(f) Sixth Bond Sale

1,834,328

+

(145,491) =

1,688,837

1,688,837

Total Cost of Issuance

38,133,096

(1,385,624)

(3) Ordinance 60-15 Appropriation Developer Contribution and Reimbursement for PSB

6,343,891

6,343,891

(4) PSB Furniture Fixtures and Equipment

5,721,909

5,044,019

(5) Savings from PSB, pending financial close out (expected by 6/30/2018)

(6) Pending interest earned reallocation into the respective ESER components, totalling \$4.45M

(7) Due to reduction of \$1.3M under ESER 2014 NFS, an equivalent amount is

allocated under ESER 2010 NFS from PSB Savings.

**Program Total (ESER 2010)**

**\$465,571,829**

**\$419,512,627**

# Earthquake Safety and Emergency Response Bond Program (ESER 2010 & 2014)

Earthquake Safety & Emergency Response Bond Program ESER 2014 Program Budget Report - Expenditures Thru Fiscal Year End 2017									
Status	Project	Category	Baseline Budget	Revised Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
CLOSEOUT	<b>*OFFICE OF THE CHIEF MEDICAL EXAMINER</b>								
		Soft Costs	17,217,350	16,508,898	16,927,606		14,709,742	630,146	1,587,718
		Construction	54,115,864	59,969,546 <sup>(3)</sup>	58,250,838		45,781,000	1,055,733	11,414,105
		Construction Contingency	1,507,206	0	0		0	0	0
		<b>Subtotal</b>	<b>72,840,420</b>	<b>76,478,444</b>	<b>75,178,444</b>	<b>0</b>	<b>60,490,742</b>	<b>1,685,879</b>	<b>13,001,823</b>
DESIGN	<b>TRAFFIC COMPANY &amp; FORENSIC SERVICES DIVISION</b>								
		Soft Costs	51,575,648	45,195,000	44,556,700		23,306,667	1,741,673	19,508,360
		Construction	110,619,352	110,700,000	2,146,501		40,451	0	2,106,050
		Construction Contingency	0	6,300,000	0		0	0	0
		<b>Subtotal</b>	<b>162,195,000</b>	<b>162,195,000</b>	<b>46,703,201</b>	<b>0</b>	<b>23,347,118</b>	<b>1,741,673</b>	<b>21,614,410</b>
VARIOUS	<b>POLICE FACILITIES</b>								
	<b>Focused Scope Subtotal</b>								
		Soft Costs	3,634,955	5,548,669	4,320,079		2,543,008	93,654	1,683,417
		Construction	13,462,798	14,305,980	6,024,505		1,467,054	4,096,891	581,911
		Construction Contingency	2,019,420	1,968,561	211,854		0	0	90,504
		<b>Subtotal</b>	<b>19,117,173</b>	<b>21,823,210</b>	<b>10,556,439</b>	<b>0</b>	<b>4,010,062</b>	<b>4,190,545</b>	<b>2,355,832</b>
VARIOUS	<b>Special Projects Subtotal</b>								
		Soft Costs	0	125,984	125,984		108,683	17,302	0
		Construction	0	96,120	97,592		97,317	0	276
		Construction Contingency	0	0	0		0	0	0
		<b>Subtotal</b>	<b>0</b>	<b>222,104</b>	<b>223,576</b>	<b>0</b>	<b>205,999</b>	<b>17,302</b>	<b>276</b>
	<b>Police Facilities Program Wide</b>	Soft Costs	5,832,658	4,724,327	2,933,692		2,500,486	52,833	380,373
	<b>PF Reserve</b>	Program Reserve	4,540,169	2,720,359	-		-	-	-
		Unappropriated Bond Proceeds	-	-	3,363,944		-	-	3,363,944
	<b>POLICE FACILITIES SUMMARY</b>								
		Soft Costs	9,467,613	10,398,980	7,379,756		5,152,177	163,789	2,063,790
		Construction	13,462,798	14,402,100	6,122,098		1,564,370	4,096,891	582,186
		Construction Contingency	6,559,589	4,688,920	3,575,798		-	-	3,454,448
		<b>Subtotal</b>	<b>29,490,000</b>	<b>29,490,000</b>	<b>17,077,651</b>	<b>0</b>	<b>6,716,547</b>	<b>4,260,680</b>	<b>6,100,425</b>

# Earthquake Safety and Emergency Response Bond Program (ESER 2010 & 2014)

## Earthquake Safety & Emergency Response Bond Program ESER 2014 Program Budget Report - Expenditures Thru Fiscal Year End 2017

Status	Project	Category	Baseline Budget	Revised Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
<b>NEIGHBORHOOD FIRE STATIONS</b>									
<b>SEISMIC IMPROVEMENTS</b>									
DESIGN	*9635A NFS 35 Fire Boat								
		Soft Costs	15,139,310	5,042,143	2,089,580		1,302,697	478,522	308,361
		Construction	22,708,967	32,307,500	2,400,000		0	0	2,400,000
		Construction Contingency	0	2,600,000	0		0	0	0
		<b>Subtotal</b>	<b>37,848,277</b>	<b>39,949,643</b>	<b>4,489,580</b>	<b>0</b>	<b>1,302,697</b>	<b>478,522</b>	<b>2,708,361</b>
CONSTRUCTION	*9535A NFS Pier 26 Fire Boat Berthing								
		Soft Costs	250,000	491,864	590,700		422,680	28,929	139,091
		Construction	1,850,000	2,076,665	2,110,616		1,786,926	323,690	0
		Construction Contingency	0	483,835	45,934		0	0	45,934
		<b>Subtotal</b>	<b>2,100,000</b>	<b>3,052,364</b>	<b>2,747,250</b>	<b>0</b>	<b>2,209,606</b>	<b>352,619</b>	<b>185,025</b>
COMPLETE	*7848A NFS 48 Treasure Island								
		Soft Costs	371,545	302,718	302,718		302,718	0	0
		Construction	2,628,455	2,557,478	2,557,478		2,557,478	0	0
		Construction Contingency	0	0	0		0	0	0
		<b>Subtotal</b>	<b>3,000,000</b>	<b>2,860,195</b>	<b>2,860,195</b>	<b>0</b>	<b>2,860,195</b>	<b>0</b>	<b>0</b>
VARIOUS	<b>COMPREHENSIVE RENOVATIONS</b>								
	<b>9663A NFS 3</b>								
		Soft Costs	2,074,078	994,500	726,268		163,355	81,423	481,489
		Construction	5,152,976	4,005,000	0		0	0	0
		Construction Contingency	772,946	400,500	0		0	0	0
		<b>Subtotal</b>	<b>8,000,000</b>	<b>5,400,000</b>	<b>726,268</b>	<b>0</b>	<b>163,355</b>	<b>81,423</b>	<b>481,489</b>
	<b>9607A NFS 7</b>								
		Soft Costs	538,946	466,000	329,615		161,081	6,250	162,284
		Construction	1,399,847	1,940,000	0		0	0	0
		Construction Contingency	139,985	194,000	0		0	0	0
		<b>Subtotal</b>	<b>2,078,778</b>	<b>2,600,000</b>	<b>329,615</b>	<b>0</b>	<b>161,081</b>	<b>6,250</b>	<b>162,284</b>

# Earthquake Safety and Emergency Response Bond Program

## (ESER 2010 & 2014)

Earthquake Safety & Emergency Response Bond Program ESER 2014 Program Budget Report - Expenditures Thru Fiscal Year End 2017									
Status	Project	Category	Baseline Budget	Revised Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
		<b>NEIGHBORHOOD FIRE STATIONS</b>							
VARIOUS		<b>FOCUSED SCOPE PROJECTS</b>							
		<b>Focused Scope Projects Subtotal</b>							
		Soft Costs	5,115,777	6,067,333	2,525,145		1,564,495	72,062	888,588
		Construction	15,406,358	14,543,994	5,627,608		2,750,644	1,819,647	1,057,317
		Focused Scope Reserve	182,640	1,452,952	0		0	0	0
		<b>Subtotal</b>	<b>20,704,776</b>	<b>22,064,279</b>	<b>8,152,753</b>	<b>0</b>	<b>4,315,139</b>	<b>1,891,709</b>	<b>1,945,904</b>
		<b>STUDIES, PROGRAM MANAGEMENT &amp; REQUIRED COSTS</b>							
		Soft Costs	10,773,502	10,693,981	4,956,542	0	4,362,047	46,540	547,955
	<b>NFS Reserve</b>	Program Reserve	6,301,511	2,690,343 <sup>(3)</sup>	0		0	0	0
		Unappropriated Bond Proceeds	0	0	8,925,132		0	0	8,925,132
		<b>*NEIGHBORHOOD FIRE STATIONS SUMMARY</b>							
		Soft Costs	34,648,154	24,058,539	11,520,566		8,279,073	713,725	2,527,768
		Construction	50,246,592	57,430,637	12,695,702		7,095,048	2,143,337	3,457,317
		Contingency	7,397,082	7,821,631	8,971,066		0	0	8,971,066
		<b>Subtotal</b>	<b>92,291,829</b>	<b>89,310,806</b>	<b>33,187,334</b>	<b>0</b>	<b>15,374,122</b>	<b>2,857,062</b>	<b>14,956,150</b>



Earthquake Safety and Emergency Response Bond Program  
(ESER 2010 & 2014)

**Earthquake Safety & Emergency Response Bond Program ESER 2014  
Program Budget Report - Expenditures thru Fiscal Year End 2017**

Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
<b>EMERGENCY FIREFIGHTING WATER SYSTEM</b>								
<b>PRE-BOND PLANNING AND DEVELOPMENT</b>								
Program	<b>Pre-Bond Planning and Development</b>							
		Soft Costs	0	0		0	0	0
		Construction	0	0		0	0	0
		Project Contingency						0
		<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>AUXILIARY WATER SUPPLY SYSTEM (AWSS)</b>								
Complete	<b>Twin Peaks Reservoir - ESER 2014</b>							
	CUWAW2AW23	Soft Costs		59,786	0	0	0	59,786
		Construction	643,518	682,000	0	643,518	0	38,482
		Project Contingency						0
		<b>Subtotal</b>	<b>643,518</b>	<b>741,786</b>	<b>0</b>	<b>643,518</b>	<b>0</b>	<b>98,268</b>
Construction	<b>Pumping Station 2 (ESER 2014 Partial Funding)</b>							
	CUWAW2AW24	Soft Costs	1,000,000	1,000,000		0	0	1,000,000
		Construction	4,000,000	1,000,000		0	0	1,000,000
		Project Contingency						0
		<b>Subtotal</b>	<b>5,000,000</b>	<b>2,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,000,000</b>
Complete	<b>ESER 2014 Assessments</b>							
	CUWAW2AW30	Soft Costs	1,185,004	1,199,551	0	1,165,249	0	34,302
		Construction		30,000	0	18,462	1,752	9,786
		Project Contingency						0
		<b>Subtotal</b>	<b>1,185,004</b>	<b>1,229,551</b>	<b>0</b>	<b>1,183,711</b>	<b>1,752</b>	<b>44,088</b>

# Earthquake Safety and Emergency Response Bond Program

## (ESER 2010 & 2014)

### Earthquake Safety & Emergency Response Bond Program ESER 2014 Program Budget Report - Expenditures thru Fiscal Year End 2017

Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
Various	<b>Pipelines (Projects 29; 31-44)</b>	Soft Costs	12,077,425	14,098,416		2,345,085	488,700	11,264,632
		Construction	32,688,947	3,530,000		446,072	855,076	2,228,852
		Project Contingency					0	0
		<b>Subtotal</b>	<b>44,766,372</b>	<b>17,628,416</b>	<b>0</b>	<b>2,791,157</b>	<b>1,343,776</b>	<b>13,493,484</b>
Program	<b>CUWAW200</b>	Soft Costs	2,470,106	32,465,247	0	259,504	56,186	32,149,557
		Construction		0	0			0
		Project Contingency		0				0
		<b>Subtotal</b>	<b>2,470,106</b>	<b>32,465,247</b>	<b>0</b>	<b>259,504</b>	<b>56,186</b>	<b>32,149,557</b>
<b>AUXILIARY WATER SUPPLY SYSTEM (AWSS)</b>	Soft Costs	16,732,535	48,823,000	0	3,769,838	544,885	44,508,276	
	Construction	37,332,465	5,242,000	0	1,108,052	856,828	3,277,120	
	Project Contingency	0	0	0	0	0	0	
	<b>Subtotal</b>	<b>54,065,000</b>	<b>54,065,000</b>	<b>0</b>	<b>4,877,890</b>	<b>1,401,713</b>	<b>47,785,396</b>	

# Earthquake Safety and Emergency Response Bond Program (ESER 2010 & 2014)

Earthquake Safety & Emergency Response Bond Program ESER 2014 Program Budget Report - Expenditures Thru Fiscal Year End 2017									
Status	Project	Category	Baseline Budget	Revised Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
<b>ESER 2014 SUMMARY</b>									
		Soft Costs	129,641,300	112,893,951	129,207,628	0	55,217,497	3,794,218	70,195,912
		Construction	265,777,072	279,834,748	84,457,138	0	55,588,922	8,152,789	20,836,778
		Contingency	15,463,876	18,810,546	12,546,864	0	0	0	12,425,514
		<b>Subtotal</b>	<b>410,882,248</b>	<b>411,539,245</b>	<b>226,211,630</b>	<b>0</b>	<b>110,806,419</b>	<b>11,947,007</b>	<b>103,458,204</b>
		<b>BOND OVERSIGHT/ACCOUNTABILITY/COI</b>	<b>6,800,000</b>	<b>6,800,000</b>	<b>2,392,617</b>	<b>-</b>	<b>1,881,237</b>	<b>-</b>	<b>511,380</b>
		<b>SUBTOTAL</b>	<b>417,682,248</b>	<b>418,339,245</b>	<b>228,604,248</b>	<b>-</b>	<b>112,687,656</b>	<b>11,947,007</b>	<b>103,969,584</b>

\* Other funding sources include:

(a) OCME (General Funds)

(8,945,420) (8,945,420) (8,945,420) (824,742) (1,026,733) (7,093,944)

(b) NFS (General Funds, 1992 Fire Facility Funds, CIP Funds)

(8,736,829) (9,393,829) (9,393,829) (5,230,648) (831,140) (3,332,041)

**TOTAL (CESER2)**

**400,000,000 400,000,000 210,264,999 106,632,265 10,089,134 93,543,599**

As of Fiscal Year End 2017, the FAMIS Fiscal Month 13 2017 (FYE 2017), the budget is \$225,626,074 and the actual expenditures are \$171,308,024. The variances are as follows:

(1) Bond Sale Premiums

15,361,072 15,361,072 - -

(2) The transfer out to PUC EFWS shows as actual, Subobj 0935W (OTO TO 5W-WATER)

- 54,227,613 - -

(a) Less PUC actuals per FAMIS Project Structure CUWAW2 AW

- (4,877,891) (1,401,714) (47,785,397)

(b) Less actuals for Controller's Audit Fund and CGOBOC (CUWAW2; 081C4, 081GO)

- (35,022) - (127,591)

(3) Due to additional allocation of \$1.3M under ESER 2010 NFS, an equivalent amount is reallocated from ESER 2014 NFS to fund OCME.

- - - -

**PROGRAM TOTAL (ESER 2014)**

**400,000,000 400,000,000 225,626,071 171,308,024 8,687,419 45,630,611**

Earthquake Safety and Emergency Response Bond Program  
(ESER 2010 & 2014)

**Attachment 3 – Schedule**  
**ESER 2010 – NFS Active (Comprehensive & Seismic) Projects**

**EARTHQUAKE SAFETY EMERGENCY RESPONSE BOND PROGRAM**  
**Timeline and Schedule**

Description	BUDGET	Schedule		FY 10/11				FY 11/12				FY 12/13				FY 13/14				FY 14/15				FY 15/16				FY 16/17				FY 17/18				FY 18/19			
		Start	Completion	July 1, 2010		June 30, 2011		July 1, 2011		June 30, 2012		July 1, 2012		June 30, 2013		July 1, 2013		June 30, 2014		July 1, 2014		June 30, 2015		July 1, 2015		June 30, 2016		July 1, 2016		June 30, 2017		July 1, 2017		June 30, 2018		July 1, 2018		June 30, 2019	
				1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.
NEIGHBORHOOD FIRE STATIONS COMPREHENSIVE: STATION 36																																							
Baseline Budget	4,798,218	03/01/12	09/05/14																																				
Current/Approved	5,787,300	03/01/12	09/30/17																																				
Current/Projected	5,787,300	03/01/12	09/14/18																																				
SEISMIC: STATION 5 (New 2-story)																																							
Baseline Budget	13,838,757	03/01/12	05/01/17																																				
Current/Approved	21,027,983 (i)	03/01/12	03/29/19																																				
Current/Projected	21,027,983 (i)	03/01/12	03/29/19																																				
SEISMIC: STATION 9 UTILITY ISOLATION																																							
Baseline Budget	200,000																																						
Current/Approved	200,000																																						
Current/Projected	200,000																																						
SEISMIC: STATION 16 (New 2-story)																																							
Baseline Budget	8,841,656	03/01/12	01/04/16																																				
Current/Approved	14,225,070	03/01/12	11/30/18																																				
Current/Projected	14,225,070	03/01/12	11/30/18																																				

(i) Including \$139,200 FF&E general funds (for built in beds)

# Earthquake Safety and Emergency Response Bond Program (ESER 2010 & 2014)

## EARTHQUAKE SAFETY EMERGENCY RESPONSE BOND PROGRAM Timeline and Schedule

Description	BUDGET	Schedule		FY 10/11				FY 11/12				FY 12/13				FY 13/14				FY 14/15				FY 15/16				FY 16/17				FY 17/18				FY 18/19				FY 19/20				FY 20/21			
		Start	Completion	July 1, 2010 1st Qtr. 9/30/10	June 30, 2011 4th Qtr. 6/30/11	July 1, 2011 1st Qtr. 9/30/11	June 30, 2012 4th Qtr. 6/30/12	July 1, 2012 1st Qtr. 9/30/12	June 30, 2013 4th Qtr. 6/30/13	July 1, 2013 1st Qtr. 9/30/13	June 30, 2014 4th Qtr. 6/30/14	July 1, 2014 1st Qtr. 9/30/14	June 30, 2015 4th Qtr. 6/30/15	July 1, 2015 1st Qtr. 9/30/15	June 30, 2016 4th Qtr. 6/30/16	July 1, 2016 1st Qtr. 9/30/16	June 30, 2017 4th Qtr. 6/30/17	July 1, 2017 1st Qtr. 9/30/17	June 30, 2018 4th Qtr. 6/30/18	July 1, 2018 1st Qtr. 9/30/18	June 30, 2019 4th Qtr. 6/30/19	July 1, 2019 1st Qtr. 9/30/19	June 30, 2020 4th Qtr. 6/30/20	July 1, 2020 1st Qtr. 9/30/20	June 30, 2021 4th Qtr. 6/30/21																						
PUBLIC UTILITIES COMMISSION / AUXILIARY WATER SUPPLY SYSTEM (AWSS)																																															
PRE-BOND PLANNING AND DEVELOPMENT																																															
Original/Baseline Budget	1,316,964	07/01/09	12/31/10	1,316,963																																											
Current/Approved	1,316,964	07/01/09	12/31/10	1,316,964																																											
Current/Projected	1,316,964	07/01/09	12/31/10	1,316,964																																											
AWSS JONES STREET TANK																																															
Original/Baseline Budget	6,409,732	04/01/11	05/31/17					6,409,732																																							
Current/Approved	6,409,732	04/01/11	05/31/17					6,409,732																																							
Current/Projected	6,409,732	04/01/11	05/31/17					6,409,732																																							
AWSS ASHBURY HEIGHTS TANK																																															
Original/Baseline Budget	4,731,787	04/01/11	05/31/17					4,731,787																																							
Current/Approved	4,731,787	04/01/11	05/31/17					4,731,787																																							
Current/Projected	4,731,787	04/01/11	05/31/17					4,731,787																																							
AWSS TWIN PEAKS RESERVOIR																																															
Original/Baseline Budget	2,655,031	04/01/11	05/31/17					2,655,031																																							
Current/Approved	2,655,031	04/01/11	05/31/17					2,655,031																																							
Current/Projected	2,655,031	04/01/11	05/31/17					2,655,031																																							
AWSS PUMP STATION NO. 2																																															
Original/Baseline Budget	22,600,000	04/01/11	12/31/20									22,600,000																																			
Current/Approved	22,600,000	04/01/11	12/31/20									22,600,000																																			
Current/Projected	22,600,000	04/01/11	12/31/20									22,600,000																																			
AWSS PUMP STATION NO. 1																																															
Original/Baseline Budget	14,250,520	04/01/11	12/31/18									14,250,520																																			
Current/Approved	14,250,520	04/01/11	12/31/18									14,250,520																																			
Current/Projected	14,250,520	04/01/11	12/31/18									14,250,520																																			
FIREFIGHTING CISTERNS - NEW CISTERNS (Projects 6-9)																																															
Original/Baseline Budget	35,284,824	04/01/11	03/30/18									35,284,824																																			
Current/Approved	35,284,824	04/01/11	03/30/18									35,284,824																																			
Current/Projected	35,284,824	04/01/11	03/30/18									35,284,824																																			
FIREFIGHTING PIPES AND TUNNELS - AWSS MODERNIZATION CIP STUDY																																															
Original/Baseline Budget	2,739,289	04/01/11	06/30/14					2,739,289																																							
Current/Approved	2,739,289	04/01/11	06/30/14					2,739,289																																							
Current/Projected	2,739,289	04/01/11	06/30/14					2,739,289																																							
FIREFIGHTING PIPES AND TUNNELS (Projects 11-20)																																															
Original/Baseline Budget	11,627,318	04/01/11	06/04/20									11,627,318																																			
Current/Approved	11,627,318	04/01/11	06/04/20									11,627,318																																			
Current/Projected	11,627,318	04/01/11	06/04/20									11,627,318																																			
CUW AWS 01 (Administration)																																															
Original/Baseline Budget	784,535	04/01/11	12/31/20									784,535																																			
Current/Approved	784,535	04/01/11	12/31/20									784,535																																			
Current/Projected	784,535	04/01/11	12/31/20									784,535																																			
AUXILIARY WATER SUPPLY SYSTEM (AWSS) SUB-TOTAL																																															
Original/Baseline Budget	102,400,000																																														
Current/Approved	102,400,000																																														
Current/Projected	102,400,000																																														

**EARTHQUAKE SAFETY EMERGENCY RESPONSE BOND PROGRAM**

**Timeline and Schedule**

Description	BUDGET	Schedule		FY 14/15				FY 15/16				FY 16/17				FY 17/18				FY 18/19				FY 19/20				FY 20/21								
				July 1, 2014		June 30, 2015		July 1, 2015		June 30, 2016		July 1, 2016		June 30, 2017		July 1, 2017		June 30, 2018		July 1, 2018		June 30, 2019		July 1, 2019		June 30, 2019		July 1, 2020		June 30, 2021						
				1st Qtr. 9/30/14	2nd Qtr. 12/31/14	3rd Qtr. 3/31/15	4th Qtr. 6/30/15	1st Qtr. 9/30/15	2nd Qtr. 12/31/15	3rd Qtr. 3/31/16	4th Qtr. 6/30/16	1st Qtr. 9/30/16	2nd Qtr. 12/31/16	3rd Qtr. 3/31/17	4th Qtr. 6/30/17	1st Qtr. 9/30/17	2nd Qtr. 12/31/17	3rd Qtr. 3/31/18	4th Qtr. 6/30/18	1st Qtr. 9/30/18	2nd Qtr. 12/31/18	3rd Qtr. 3/31/19	4th Qtr. 6/30/19	1st Qtr. 9/30/19	2nd Qtr. 12/31/19	3rd Qtr. 3/31/20	4th Qtr. 6/30/20	1st Qtr. 9/30/20	2nd Qtr. 12/31/20	3rd Qtr. 3/31/21	4th Qtr. 6/30/21					
<b>PUBLIC UTILITIES COMMISSION / AUXILIARY WATER SUPPLY SYSTEM (AWSS)</b>																																				
AWSS TWIN PEAKS RESERVOIR - ESER 2014																																				
Original/Baseline Budget	643,518	11/06/14	05/31/17					643,518																												
Current/Approved	643,518	11/06/14	05/31/17					643,518																												
Current/Projected	643,518	11/06/14	05/31/17					643,518																												
<b>AWSS PUMP STATION NO. 2 - ESER 2014</b>																																				
Original/Baseline Budget	5,000,000	05/01/17	12/31/20																		5,000,000															
Current/Approved	5,000,000	05/01/17	12/31/20																		5,000,000															
Current/Projected	5,000,000	05/01/17	12/31/20																		5,000,000															
<b>AWSS ESER 2014 ASSESSMENT</b>																																				
Original/Baseline Budget	1,185,004	11/13/14	01/31/17					1,185,004																												
Current/Approved	1,185,004	11/13/14	01/31/17					1,185,004																												
Current/Projected	1,185,004	11/13/14	01/31/17					1,185,004																												
<b>PIPELINES (Multiple Projects)</b>																																				
Original/Baseline Budget	44,766,372	02/23/15	12/31/20																		44,766,372															
Current/Approved	44,766,372	02/23/15	12/31/20																		44,766,372															
Current/Projected	44,766,372	02/23/15	12/31/20																		44,766,372															
<b>CUW AW 200 (Administration)</b>																																				
Original/Baseline Budget	2,470,106	11/06/14	12/31/20																		2,470,106															
Current/Approved	2,470,106	11/06/14	12/31/20																		2,470,106															
Current/Projected	2,470,106	11/06/14	12/31/20																		2,470,106															
<b>AUXILIARY WATER SUPPLY SYSTEM (AWSS) SUB-TOTAL</b>																																				
Original/Baseline Budget	54,065,000																																			
Current/Approved	54,065,000																																			
Current/Projected	54,065,000																																			