



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

- Public Safety Building
- Neighborhood Fire Stations & Support Facilities
- Auxiliary Water Supply System (AWSS)

## Citizens General Obligation Bond Oversight Committee

March 31, 2014

Submitted by

Charles Higuera  
Program Manager

(415) 557-4646  
[charles.higuera@sfdpw.org](mailto:charles.higuera@sfdpw.org)

Additionally prepared by :

Samuel Chui  
DPW Project Manager  
Public Safety Building  
[samuel.chui@sfdpw.org](mailto:samuel.chui@sfdpw.org)  
(415) 558-4082

Gabriella Judd Cirelli  
DPW Project Manager  
Neighborhood Fire Stations  
[gabriella.cirelli@sfdpw.org](mailto:gabriella.cirelli@sfdpw.org)  
(415) 557-4707

Youcef Bouhamama  
DPW Project Manager  
Neighborhood Fire Stations  
[youcef.bouhamama@sfdpw.org](mailto:youcef.bouhamama@sfdpw.org)  
(415) 557-4798

David Myerson  
PUC Project Manager  
AWSS  
[dmyerson@sfiwater.org](mailto:dmyerson@sfiwater.org)  
(415) 934-5710

Marisa Fernandez  
DPW Sr. Admin. Analyst  
[marisa.fernandez@sfdpw.org](mailto:marisa.fernandez@sfdpw.org)  
(415) 557-4653



---

# **TABLE OF CONTENTS**

---

Executive Summary..... Pages 1-3

Program Summary and Status

    Public Safety Building ..... Pages 4-6

    Neighborhood Fire Stations & Support Facilities ..... Pages 7-22

    Auxiliary Water Supply System (AWSS)..... Pages 23-26

Budget, Funding Expenditures ..... Pages 27-29

Attachments:

    Attachment 1 – Program Budget Report

    Attachment 2 – Timeline

    Attachment 3 – Contact Information

---

## EXECUTIVE SUMMARY

---

The Earthquake Safety and Emergency Response (ESER1) Bond Program consists of three components: the **Public Safety Building (PSB)**, the **Neighborhood Fire Stations & Support Facilities (NFS)**, and the **Auxiliary Water Supply System (AWSS)**. These components' particular projects are proceeding apace, hewing to stipulated schedules and budgets. Some projects confront unanticipated impacts such as delayed DBI permitting and Civic Design Review approval. The impacts are managed to avoid as much as possible, undue consequence to client department(s)' expressed needs and expectations. To date there have been no upsets that would compromise the successful delivery of any project.

The following is a brief summary of each component's status.

### **Public Safety Building**

Architectural concrete walls and curtain walls are complete. Mechanical, electrical, plumbing installation at West and East Towers continues through March to target start of commissioning in May. Construction of CMU wall at Line A (east elevation at parking levels P1 through P4) began in February and is expected to be completed by early April.

All trade packages have been bought-out, with the exception of the Electric Vehicle Charging Station installation and Final Clean up.

Project Cost, inclusive of all change orders to date, is tracking well within the total project budget of \$239M. The project schedule has not changed since the last CGOBOC Report in December 2013, with a target inauguration in November 2014.

### **Neighborhood Fire Stations & Support Facilities**

#### **Seismic Projects: Station 16, Station 5, and Fire Boat Station 35**

**Station 16:** The Station 16 storm water design is ongoing. Pre-application submittal meeting was held with PUC on March 18. Team will meet with DBI in April for final coordination.

#### **Station 5:**

The team informally presented Station 5 concept facades to Civic Design Review committee on February 10. Additional follow up will occur prior to Informational CDR presentation in May. Public outreach is being scheduled with District 5 community groups. Schematic Design start is extended to June per SFFD direction to engage an outside fire station consultant to peer review the concept design.

**Station 35:** The Warriors development team made various public presentations of their proposed project at Piers 30/32, which includes a new Fire Boat Station #35 at the site. SFFD direction is to await the EIR disposition of Fire Boat Station 35 relocation to the Warriors development site (date TBD) before deciding whether to resume development of the Pier 22-1/2 site.

**Comprehensive Projects: Station 36**

The combined project Station 36 and 44 continues to progress in construction phase. Substantial completion at Station 44 is scheduled for April 28.

**Focused Scope Projects**

**Roof Replacement – 15 Stations:**

The scope consists of installing new roofing systems and upgrading exhaust fans. The work was packaged as follows: Package 2011 (Stations 6, 38, 41 and 42); Package 1 (Station 28); Package 2 – JOC (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 are complete. Station 2 roof is substantially complete, anticipate closing out this project by end of April 2014.

**Exterior Envelope – 16 stations:**

Stations 6, 38, 28, 41, 42 and 49 exterior envelope projects are to be performed by DPW BBR, while the remaining stations (packages 4, 5 and 6), will be bid out through DPW public bidding process to B or C33 license contractors.

- BBR has completed Stations 38, 49, 6 and 42. Station 28 and 41 are to follow in April.
- Package 4 (Stations 15, 32, 40): Stations 32 and 40 are complete. Station 15 completion is contingent upon SFMTA installing new windows per SFMTA – SFFD agreement for SFMTA's Phelan Loop project.
- Package 5 (Stations 10, 13, 17, 26): CF Contracting started work on February 20, completion of work is scheduled for May 19.
- Package 6 (Stations 2, 18, 31): Roebuck is to be onsite by mid April; work to be completed on July 2.

**Emergency Generator Replacement - 5 stations:**

Stations 6, 15, 12, 17 and 21 are scheduled to receive new Emergency Generators (EGs) and electrical service upgrades at Stations 17 and 21.

- Station 6 (Micro LBE contractor Becker Electric) is complete.
- Station 15: DPW BBR installed the 80kw emergency generator unit on December 2. BBR is to complete the non conforming work by mid April.
- Station 17: The City issued the NTP to Nicole's Work (JOC contractor) on January 13. Permit was filed with DBI on December 23. Contractor started the work on February 13. The substantial completion is May 12.
- Stations 12 and 21 package was advertised on January 29, (2) bids were received on February 19; Becker Technical Service was deemed the responsive responsible bidder. The City is to issue the NTP by mid April.

**Shower Reconstruction – 9 stations:**

- Stations 6 and 15 are complete.
- Stations 17 and 28 were put on hold by SFFD due to scope complexity.
- Station 44: Work to be performed by Roebuck, the contractor currently working on Station 44 renovation project.

- Stations 26, 38, 13, 18, 40, 41: the City bid this package out on January 30, 2014 and received (6) bids on February 19; the City rejected all bids due to multiple reasons; the re-bid of this package is due April 23.

**Mechanical Scope – 15 stations:**

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 – (4) stations and Group 2 – (11) stations.

- Group 1 (Stations 6, 17, 38 and 42) was substantially completed by Azul (JOC Contractor) in September 2013.
- Group 2 (Stations 2, 10, 13, 15, 18, 26, 28, 31, 32, 40, 41) were awarded to Rodan (JOC Contractor.) Work started on January 2; and was completed on March 15. Due to additional work requested by FD, the contract will be extended to allow completion of the new work.

**Window Repair – 12 stations:**

BBR was selected to perform this work. BBR completed work at (10) stations as of December 2013. The work at Stations 31 was completed in February; Station 25 work is to start as soon as BBR receives the screens.

**Auxiliary Water Supply System**

The completed AECOM/AGS JV planning study was published.

Pumping Station 1 bid advertisement is expected in April 2014. Design work continued for Pumping Station 2. Construction continued for the Ashbury Heights Tank, Jones Street Tank, and Twin Peaks Reservoir contract (WD-2685).

Construction continued for Cisterns A (WD-2695) and Cisterns B (WD-2696). Construction started for Cisterns C (WD-2697). Design work continued for additional new cisterns.

Planning work continued for pipeline and tunnel projects.

**Budget**

The ESER has expended \$204,783,045 through March 2014. Out of the \$204,783,045, \$165,879,862 is for the PSB; \$18,231,330 is for the NFS; \$19,241,160 is for AWSS; and \$1,430,693 is for Bond Cost of Issuance, Bond oversight and accountability expenses. The expenditures are consistent with our spend-down forecast and are within budget.

To date, the program has received the proceeds of four bond sales totaling \$332,135,000. DPW and SFPUC are in the process of requesting a fifth bond sale for \$54.5M which will complete the funding for the PSB and AWSS components and partially fund the NFS. A future bond sale of \$21.8M will be needed to complete the funding for NFS. The breakdown of the proceeds received as well as the requested fifth bond sale is discussed in the Budget, Funding Expenditures section of this report on pages 18 and 19.

**Other Information**

For more information, visit the ESER web site at [www.sfearthquakesafety.org](http://www.sfearthquakesafety.org).

---

## PROGRAM SUMMARY AND STATUS

---

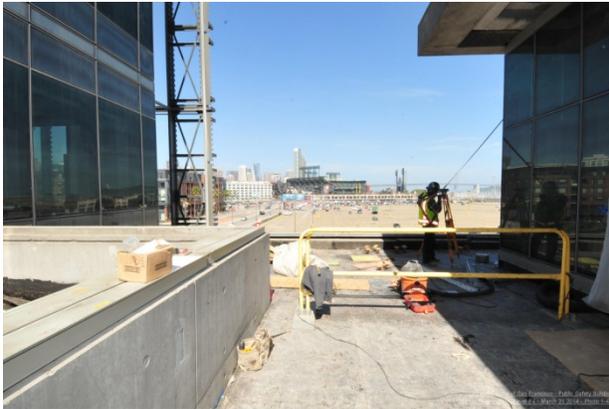
### Public Safety Building



View of North Facade



Site preparation at South Plaza



Outdoor Terrace at Fire Station 4 @ L3



Installation of CMU wall at L4 parking



Ceiling framing at HQ visitor elevator lobby @ L3



Application of anti-graffiti coating



Main entry at HQ

**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 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).

**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, the Medical Examiner and Crime Scene Investigation (CSI).

**Project Status:**

Construction Activities:

- Architectural concrete walls and curtain walls are complete, minus minor corrective work.
- Mechanical, electrical, plumbing installation at West and East Towers continues through March, including completion of final rough in of mechanical equipment, pulling wires and setting devices for fire alarm, registers, grilles, lighting, and speakers.
- Start of commissioning is targeted for mid-May.
- Plumbing for sump pit installation and booster pump in the basement is 60% complete. Water is expected to be pumped into the building in April 2014.
- Metal framing is nearing completion with drywall/taping continues through March in the Central and East Towers.
- Construction of CMU wall at Line A (east elevation at parking levels P1 through P4) began in February and is expected to be complete by early April.

- Fire Station 30 insulation and gypboard wall installation are near completion, in preparation for installation of finishes to start in April.
- Primary permanent power to the building is in energized. PG&E to relocate an existing electric ductbank along Third Street in end of April.
- Door and hardware installation at electrical and tel/data rooms in preparation for network equipment installation.

**Project Schedule:**

Substantial Completion = July 28, 2014  
Final Completion = September 29, 2014  
Target Move-In = November 2014

Trade package bidding was completed in October, with the exception of the EV charging stations and Final Cleaning for the Project. The following Furniture, Fixture, and Equipment packages were bid:

- Workstation bid solicitation complete. KBM is the selected vendor.
- Two responses to Seating RFQ (issued 3/4) was received on 3/25.
- Invitation to Bid for Security Equipment was issued on 2/24; bids are due at end of April.
- Invitation to Bid for Fitness Equipment; will be issued by April 2014.

**Project Budget:** Project Cost, inclusive of all change orders to date, is tracking well within the Total Project Budget of \$239M. Refer to the [Budget, Funding and Expenditures](#) on Pages 18 and 19.

# Neighborhood Fire Stations & Support Facilities

Station 44



*Finish Roof Coating*



*Kitchen/Dining Room*



*Exterior Preparation Work for Masonry*



*Roof Equipment*



*Roof Flashing*

**Station 36**



*Elevator Pit*



*Slab Infill at kitchen*



*Metal Wall Framing*



*Framing at Staircases*



*Slab Drilling for Vents*



Station 15



Station 17



Station 17

**7436A Exterior Envelope – Package 5**



Station 10 Mock-Up



Station 10 Grout Repair

**Project 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.

**Project Background:** Many of the 42 San Francisco Fire Stations have structural, seismic, and other deficiencies. Some may not be operational after a large earthquake or disaster; threatening the ability of the firefighters to respond to an emergency. In addition, there are other fire department resources that support and augment the capacity of the department to provide effective fire suppression capability.

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

For 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 \$350 million to correct, significantly more funds than are available for such purposes in this bond. 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 bond was identified by DPW and the Fire Administration, and accepted by the Fire Commission at their meeting of September 23, 2010.

The ESER 1 bond program is anticipated to complete improvements to 16 of the 42 neighborhood fire stations, as well as for the Fire Boat Station. The approved slate of projects was presented to the SF Fire Commission on April 26, 2012.

**Project 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.

**Project Background:** Many of the 42 San Francisco Fire Stations have structural, seismic, and other deficiencies. Some may not be operational after a large earthquake or disaster; threatening the ability of the firefighters to respond to an emergency. In addition, there are other fire department resources that support and augment the capacity of the department to provide effective fire suppression capability.

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

For 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 \$350 million to correct, significantly more funds than are available for such purposes in this bond. 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 bond was identified by DPW and the Fire Administration, and accepted by the Fire Commission at their meeting of September 23, 2010.

The ESER 1 bond program is anticipated to complete improvements to 16 of the 42 neighborhood fire stations, as well as for the Fire Boat Station. The approved slate of projects was presented to the SF Fire Commission on April 26, 2012.

**Project Status:**

SFFD evaluated project scope and program budget options prepared by DPW and approved on February 29, 2012 a final slate of Groups I, II and III projects to be completed as part of ESER I. Direction was also provided for the preferred development of the Fire Boat Station and analysis of the Emergency Logistics Center (ELC.) The approved slate of projects was presented to the SF Fire Commission on April 26, 2012. Developments of baseline schedule and baseline budgets for these projects are nearly complete for SFFD approval. Progress on the slate of projects was presented to the Fire Commission on October 25, 2012 and August 22, 2013.

**Seismic Projects: Stations 16 and 5**

**Station 16:**

Design services are being provided by DPW BDC/IDC.

Civic Design Review Phase (CDR) granted Phase I approval on January 14, 2012. Staff provided a project briefing to leaders of Marina / Cow Hollow neighborhood and commerce groups at a March 29, 2013 meeting hosted by District 2 Supervisor Mark Farrell. Additional neighborhood outreach occurred on May 3, 2013 with immediate neighbors to the station, and on May 16, 2013 with the community and merchants groups again hosted by Supervisor Farrell. The last meeting on June 12, 2013 resulted in agreement on façade design which both the designers and the community could support. These efforts have been instrumental to achieve best consensus possible and move forward without delay. Follow up meeting with the immediate neighbors was held on January 29, 2014, with follow up meetings on February 26, March 19 and April 2.

The project team provided an informational presentation to Civic Design Review on June 17, and obtained Phase II approval at the August 19, 2013 meeting. Final Phase III approval was received on January 13, 2014. Construction Documents phase began on July 22, 2013. The 50% CD set was submitted as scheduled on October 8. Design Review and Cost Estimation were completed on October 31 as scheduled and the project remains within budget. The A/E team issued the 80% progress set on December 9 for final coordination prior to issuing the bid set. An as-needed civil engineer with storm water expertise was began work on December 20<sup>th</sup>. Geotechnical borings were taken on February 10 and storm water calculations and assumptions were confirmed. Team held Pre-application meeting with SFPUC on March 18, and will meet with DBI for final coordination on Blue Roof approach in April 2014. The site permit was filed with DBI on December 20, 2013.

**Station 5:**

Design services are being provided by DPW BDC/IDC.

SFFD approved concept floor plans on February 25, 2013; concept façade development was placed on hold pending resolution of Station 16 façade design. DPW prepared service delivery model comparison for SFFD consideration, and in September 2013 SFFD directed DPW to proceed with Station 5 development with CM/GC project delivery.

The team will proceed with preparations on Station 5 as a CM/GC delivery model in fourth quarter 2013 for an anticipated February 2014 Schematic Design start. Outreach to elected officials and community group began in January 2014 with a presentation to District 5 Supervisor London Breed on January 13. DPW staff will work with Supervisor Breed's office to schedule meetings with community groups in April and May.

The team informally presented Station 5 concept facades to Civic Design Review committee on February 10. Additional follow up will occur prior to Informational CDR presentation in May or June 2014.

**Fire Boat Station 35:**

Design services are being provided by DPW BDC/IDC.

The Warriors' development team has asked that the City and SFFD consider relocating the Fire Boat Station to Piers 30/32, and the request has been accepted tentatively pending the resolution of all relevant matters, including the inclusion of Pier 22 1/2 (existing location) in the 30/32 master EIR, as an alternative, and expectations for design and funding. SFFD direction to the DPW has been to await publication of the Warriors development EIR (date TBD) before deciding upon any next steps to retain the Pier 22-1/2 site as a viable backup option.

**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 for it to occur at 1415 Evans; more significantly, the budget for such a project is not available within the ESER1 NFS funding.

In lieu of this project, the SFFD requested that a smaller facility, dedicated to the storage of essential material, be considered at the lot behind Station #9. The conceptual program and cost estimate was completed in February 2012, and is pending a decision as to whether to dedicate bond funds to accomplish this project.

SFFD requested DPW prepare a program analysis and cost estimate for the EMS portion of the building for consideration in ESER 2014 bond. The analysis was completed in September 2013. SFFD has directed construction of a shed behind Station 9, to be developed in second half 2014 after Station 16 bid results are obtained and reliable balance of usable reserve is identified.

**Comprehensive Project: Station 36**

Design services are being provided by Paulett Taggart Architects through DPW-BDC's as-needed consultant contracting program.

The design and construction are proceeding on track to meet LEED Gold for Commercial Interiors standards as approved by the Green Building Coordinator, San Francisco Department of the Environment. Procurement for outside consulting services for required LEED design review and commissioning is complete.

The project bid was readvertised together with Station 44 as scheduled in July 2013. Five bids were received on August 7. After bids were analyzed and bid protest was resolved, award is in progress to the lowest responsive bidder, Roebuck Construction, who was the second lowest bidder from the initial bid results. Notice of Award was issued on September 25 and Notice to Proceed was issued on October 24. Pre-construction phase was successfully completed at Station 36 on November 27. Hazmat abatement and demolition work began in December. Station 36 pre-construction phase was successfully completed on November 27. Station 44 pre-construction phase was successfully completed on December 23rd. Hazmat abatement began at both stations in December 2013. Construction activities continue per the baseline schedule. Station 44 substantial completion is scheduled for April 2014.

**Focused Scope Projects**

Design services are being provided by DPW BDC/IDC. (4) of the (5) emergency generators are designed by GHD (Elect. Eng. Consultant)

**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 – JOC (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 are complete. On Station 2 roof, the City is anticipating closing this project out by end of April 2014.

**Detail:**

Package 2 (Station 2) Azul Works (JOC contractor) began work at Station #2 roof replacement as scheduled on January 7, 2013. The roofing system was completed on March 8, 2013, as scheduled. The Contractor filed an extension time request to complete mechanical scope items by April 18, 2013. The work was completed by this date, however, due to the non-conforming work which consisted of the inadequate coating on the Air Handling (AH) unit, the Contractor was asked to remove and replace the entire (AH) unit at no cost to the City. This process took longer than anticipated. The City followed up with a letter reminding the JOC Contractor that the non conforming work must be corrected or the City may assess liquidated damages if work was not corrected before August 30. The Contractor removed the AH unit in question and painted it in one of Trane facilities with the proper coating. The Contractor installed the AH unit with proper coating and completed all remaining work as of August 30. The punch walk was performed soon after. The Close out documents were approved on October 28. In order to formally close this project, the City is in the process of negotiating the only outstanding change order - anticipate finalizing this change order by end of April.

Package 3 (Stations 18, 40 and 31) achieved substantial completion on February 11, 2013. Contractor submitted all required closeout documents except for the As-Built drawings. Final Completion will not be issued until Western Roofing's corrective action plan for local hiring deficiencies is approved by City Build. Western Roofing was given direction to complete this task by end of July. Western complied with local hiring requirements as of mid September. The City has formally closed this project out as of November 27, 2013.

Package 4 (Stations 15, 17, 26 and 32) achieved final completion in April, 2013.

Package 5 (Stations 10 and 13) – was considered by the contractor as substantially complete as of July 15. However, the City did not accept some of the installed work, namely the appearance of Kemper waterproofing product. As a result, the City agreed to extend the substantial completion date to August 28 allowing Western to correct the work. Western Roofing procured the roofing material and re-installed it for the third time. The work at Station 10 was completed except for the non conforming (soldering gutter work needed to be corrected). As of November 22, all non-conforming work at both stations was complete. The contractor submitted close out documents on December 9. This package was formally closed out as of December 20, 2013.

### **Exterior Envelope – 16 Stations**

#### **Summary:**

Per SFFD direction, BBR is to execute paint work in (6) stations – FS 6, 28, 38, 41, 42, and 49 while the remaining packages (packages 4, 5 and 6) will be bid out through DPW public bidding process to a B or C33 license contractors due to the complexity of scope at these stations.

Detail: Packages 1 (Station #38) and 2 (Station #42) each for one fire station were bid to Micro LBE contractors as set-aside contracts. Despite diligent outreach to Micro LBE contractors, only one bid was received on September 26, 2012 and it far exceeded the budget. DPW reached out to BBR to paint these stations instead of bidding them out again. SFFD approved DPW BBR pricing of the work at these two stations for in-house execution. NTP was issued as scheduled on November 21, 2012 for Station 38. The preconstruction phase was complete and site work began as scheduled at Station 38 in January 2013. The work was completed on March 18. SFFD approved Package 3 for two fire stations (Stations 28 and 41) pricing by DPW - BBR for in-house execution. In addition, at SFFD direction, Station 49 exterior paint was added to the project list, and approved DPW-BBR pricing of this work for in-house execution as well. NTP was issued as scheduled on Station 49 and the work was scheduled to proceed from March 25 – May 3, 2013. The work was completed as scheduled.

In early June and before start of work at FS6, BBR discovered asbestos and lead content in the existing paint. As a result, BBR proposed the use of an encapsulated primer instead of the specified Tnemec primer to retain the hazmat material, then apply the (2) Tnemec coats. The Tnemec representative was not willing to approve BBR proposal unless a pull and adhesion test was performed. The initial pull test failed at the substrate level. This resulted in BBR not being able to start the work as scheduled. After further communication with the Tnemec Rep., an "adhesion test" was requested instead of the pull test. The adhesion test with the encapsulated primer and (2) Tnemec coats passed on July 24 allowing BBR to start paint with the proposed system. The actual work started on August

12. BBR completed the work on September 30; the team performed the final punch walk with only minor items to be corrected.

On October 16, BBR started the paint work at FS 42; this work is scheduled to be completed within 6 weeks with an anticipated completion date of December 14. Although the paint scope was completed on time, many of the ancillary scope items such as bird deterrents, are still pending as of February. PM and BBR met on site and discussed the outstanding items and agreed on a revised scope. The outstanding items should be taken care of by end of April.

Final stations for BBR to complete are 28 then 41. BBR will not be able to start work at station 28 until work at FS 42 is approved by SFFD. On April 1, BBR submitted new pricing to execute the work at FS28 and 41 after the expectation walk. PM reviewed and approved the new pricing on April 2. The work is to start 4 weeks from approval of the service orders.

Packages 4, 5, and 6 for 3 stations, 4 stations, and 3 stations respectively was successfully bid to B or C33 license contractors. The paint bid packages will follow completion of the roof bid packages.

Package 4 (Stations 15, 32 and 40) was advertised in early December, and bids were received as scheduled on January 9, 2013. Despite diligent outreach to the bidding community and interest exhibited at the Pre Bid Conference, only one bid was received. This bid was within budget and the project was awarded to OnPoint Construction. NTP was issued as anticipated in May 2013 and OnPoint Construction work began on June 24th at Station 40, and moved to Station 32 immediately after completion of Station 40. The work was 95% complete on both stations by August 30. It was agreed and documented that the Contractor will not start work on the third station (Station 15) until SFMTA completes installation of the new windows per SFMTA – SFFD agreement on the Phelan Loop (non-ESER) project. Although the new windows are not in place yet at FS15, DPW/ FD gave authorization to Contractor to start paint work; all parties are in agreement that the paint Contractor is to go back to the site after window installation is complete and patch paint around the windows at no cost to the City. OnPoint completed the work at FS15 at the exception of areas around the windows. SFMTA reported window delivery was anticipated on October 12, and installation work will take six weeks. OnPoint is to go back to site for paint touch ups as required. As of end of November, SFMTA reported that the windows revised delivery schedule was mid-December. SFMTA seems non responsive to DPW / SFFD request to complete the windows installation as expeditiously as possible. In January, PM team learned that SFMTA's window installer is not responding to SFMTA demands to complete the installation and may be substituted with another installer. SFTMA resolved the issues they were having with the window installer and started the work on mid-February. As of April 1, the installation of windows is 90% complete.

DPW BDC team completed design of Package 5 (Stations 10, 13, 17, 26) the third week of July. SFFD, PM and CM provided constructability review comments soon after. The package was advertised for bid with a bid due date of September 12. 5 bids were received on this date. CF Contracting was the apparent low bidder with a bid amount close to the budget. PM team determined that the CF contracting qualifications were acceptable and recommended award of this contract to CF Contracting. No protests from other bidders were received. The letter of award was sent to the Contractor on October 28. The

City released the NTP on January 20. A pre-construction meeting was held on January 24. The contractor is to start on Stations 10 and 17 simultaneously then 13 and 26. The contractor started the work as scheduled on February 20. As of April 1, the contractor substantially completed work at FS10 and 17 and will move to FS26 and 13. Completion of the work is scheduled for May 19.

DPW BDC team completed design of package 6 (Stations 2, 18, 31) on September 19. The CM Team performed a constructability review soon after and requested that a peer review on Station 31 storefront retrofit be performed by a window specialist. Design team members were notified of the peer review comments. The package was advertised as scheduled on October 2 with bids due on October 30. A pre-bid walk was performed on October 16. An addendum was issued with a new bid date of November 6, giving more time to the design team to prepare and respond to questions on bid documents. 4 bids were received with Roebuck as the apparent low bidder. On November 13, Evra Construction filed a protest against Roebuck's bid. The Protest lacked merit and was rejected by the City. The City awarded the contract to Roebuck Construction, and the NTP was issued on February 3; contractor walked the site on February 21, the contractor is scheduled to be on site by mid April. Completion of the work is scheduled for July 2.

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

#### Summary:

Stations 6, 15, 12, 17 and 21 are scheduled to receive new Emergency Generators (EGs). Station 6 is complete; Stations 15 and 17 are under construction; and Stations 12 and 21 bids are under review.

#### Detail:

On FS 6 Emergency generator, the design is moving forward with DPW's as-needed electrical engineer as a prototype for design-bid-build project delivery. The 100% design was received as scheduled on November 26, 2012 and the project was bid as scheduled on December 7, 2012, targeted to Micro LBE bidders. 2 bids were received on January 9, 2013. The project was awarded to Becker Technical Services, Inc. with a NTP date of March 25. Pending submission of the contractor's schedule, work is anticipated to be complete in June. Station 6 emergency generator project achieved substantial completion on June 4, ahead of schedule. The contractor submitted all closeout documents to the design team for review and final approval on June 4. Final close out of this package was contingent on the senior DBI inspector signing off on the job card. By the end of October, the contractor secured the sign off on the job card and the project achieved final completion.

The existing emergency generator at Station 15 experienced mechanical malfunction. SFFD directed the Station 6 team to replace this unit as soon as feasible. Design was submitted as scheduled on February 1, 2013. Due to the size of the generator 80kW necessary to backup specialized equipment at this station such as the Bauer unit, this project will require a BAAQMD permit. Project team secured the BAAQMD permit in June 17. BBR started the preconstruction phase in late May and all submittals were approved. BBR was supposed to start construction in late June, but was unable to secure permit in time due to multiple comments from DBI - Fire and Structural plan checkers. BBR secured the permit and started actual work in late July. As of September 30, BBR installed the

concrete pad, but was not able to install the electrical conduits and mechanical exhaust duct due to the presence of Asbestos on the stucco wall supporting these conduits. BBR was unable to self-perform the drilling of the 30 holes due to the presence of hazardous materials requiring the involvement of HazMat abatement contractor through SAR. This delayed the project by about 6 weeks. The HazMat abatement contractor completed the drilling on mid-November; BBR completed installation of the electrical conduits and the concrete slab. The 80 kW generator was installed on December 2. BBR is to correct the non-compliant work by end of March (BBR did not meet this date); the new date is scheduled for mid-April.

DPW IDC began design work on November 2, 2012 at Station 17 as a DPW in-house IDC design-BBR build prototype. The 50% design set was submitted as scheduled on December 5, 2012. Design evaluation of the three options continued in January 2013 with PG&E's involvement, and a final option was approved by SFFD. DPW IDC completed design documents on February 6, 2013 and SFFD approved DPW BBR to price the approved scope on February 25, 2013. Pricing proceeded in March 2013 and BBR provided a proposal in May; EG unit was bid and awarded to Generac. SFFD requested that GHD (the as-needed consultant) to perform a peer review on IDC design. Start of construction was delayed until the peer review was complete. GHD provided the peer review memo on August 29 and suggested to move the main switch board and Automatic Transfer Switch (ATS) location inside the boiler room. It was determined that this will not be possible as SFFD had initially hoped due to PG&E rejection of the exposed conduits fitting which were the results of moving the equipment outside the building. IDC design was not impacted by the peer review and moved forward as was initially designed.

Because BBR is still working on FS15 generator and cannot accommodate working on two generators at the same time, SFFD directed the PM team to bid FS17 EG out to a JOC contractor given the urgency and recent failure of the existing emergency generator at this station. As of October 28, PM Team with assistance from JOC manager selected JOC contractor, Nicole's Work, to provide construction services for this station. The City accepted the fee proposal submitted by Nicole's Work on December 20 after multiple revisions; the permit was successfully filed with DBI on December 23, 2013. The City issued the NTP to Nicole's Work on January 13, 2014. The contractor mobilized to the site on February 13 as was scheduled; procurement of the EG unit and associated equipment is complete. The work is scheduled to be complete by May 12.

On Stations 12 and 21, PM requested design fee proposals from both DPW/IDC Team and DPW's as-needed-consultant, GHD, on May 2013. DPW PM received proposals in June from both parties. Team reviewed the IDC and GHD design proposals side by side for comparison and presented the findings to SFFD for review and approval in late September. Because of the schedule constraint, on October 9 SFFD directed the team to move forward with GHD to provide design services for both stations based upon their early design input. GHD started the design on October and completed it in December. Permits for both stations were filed on December 20, 2013, just prior to the new code effective date of January 1, 2014. Both stations were bid under one package; was advertised on January 29 and received 2 bids on February 19. Becker Technical Services was deemed the responsive responsible bidder and was awarded the contract on March 25.

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

#### **Summary:**

Stations 6 and 15 have been completed. Stations 17 and 18 were put on hold by SFFD due to scope complexity. Station 44: Work will be performed by Roebuck, the contractor currently working on Station 44 renovation project. Stations 26, 38, 13, 18, 40, 41: were bid out under one package.

#### **Detail:**

Shower reconstruction package 1 for Stations 15, 6, and 38 is underway. Per SFFD direction, Station 15 must be successfully completed as a prototype mock-up project prior to commencing work at Station 6 and subsequently Station 38, both to be executed by DPW BBR.

Construction began as scheduled at Station 15 on April 18, 2012. Contractor changed certain installation details without prior approval, and corrective work will necessitate additional fabricated materials. In mid September 2012, the manufacturer arrived at the site from out of state to resolve final details with the Architect of record and the Fire Department. Material order for these corrective details was placed, and the work proceeded in the field from March 25 – 29, 2013. The contractor did not installed doors and threshold as per contract, the City requested that the work to be corrected no later than May 10, 2013. The work at this station was complete as of May.

On FS 6 showers, SFFD provided authorization to move ahead with the project. After the bidding process of Station 6 material through the City Purchasing Department, BBR received only one bid from DLD Lumber/ Griffom “the fabricator of the panels and shower pans using Corian material”. The material was confirmed to be an equal to Transolid, the specified material. DPW, with approval from SFFD, awarded the contract to DLD Lumber/ Griffom. On April 25, 2013, project team secured a second variance from DBI Plumbing Division to use the Corian shower pan. Moving forward, DBI made it very that no additional variances will be permitted and all proposed shower pans must be certified by a listing agency. The work started on May 23 on (4) of the (6) stalls. As of July 17, BBR completed the (4) stalls and started work on the remaining (2) officer’s stalls. Contract time was extended to August 22 due to BBR taking time to complete the installation as was required. On August 30, the showers stalls were complete and ready to be used by SFFD. On September 30, BBR closed out portion of the ceiling affected by the renovation project at the apparatus bay. This project was considered complete on September 30.

As of October 2 meeting with SFFD, the PM Team was directed to proceed with group 2 showers consisting of Stations 38 and 26. The plan was for BBR to work on these two stations while Station 44 showers will be issued as a change order to Roebuck (the contractor working on FS44 renovation project), and Group 3 consisting of (4) Stations (13, 18, 40 and 41) will be bid out either through JOC or through the public bidding process. The design team secured permits for the remaining balance of showers on October 28. BBR started the estimating effort on FS26 and 38 showers in early October. PM team received BBR estimates (labor only) on November 12 which were reviewed and approved on November 20. BBR bid the material through the City Purchasing Department and received only one bid from DLD Lumber on December 30, 2013. The cost of the substituted material came in very high and did not meet the performance criteria of the specified material. On January 6, 2014, and due to the high material cost, SFFD directed project team to add BBR

stations to the other 4 Stations (18, 41, 13 and 40) already planned for bid and bid all (6) stations out together. The City advertised this package on January 30, 2014, received (6) bids on February 19. Since the receipt of the bids, the City received protest letters against the low apparent bidder and responded to all of them on March 18. In addition, the City found 5 of the 6 bids either non responsive or non responsible, the 6<sup>th</sup> bid was over the engineer estimate. The PM decided to re-bid this package with a due date of April 23.

### **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 – (4) stations and Group 2 – (11) stations. Group 1 (Stations 6, 17, 38 and 42) was substantially completed by Azul (JOC Contractor) in August 2013. Group 2 (Stations 2, 10, 13, 15, 18, 26, 28, 31, 32, 40, 41) were awarded to Rodan (JOC Contractor.) Work started on January 2; Rodan completed 9 of the 11 stations and is scheduled to complete the remaining ones by mid-March 2014.

#### Detail:

The scope consists of mechanical upgrades in multiple stations. Because of the nature of this scope, the work is scheduled to be performed in two phases, phase 1 – Investigation and scope validation, and phase 2 – Execution. Project team with SFFD approval selected (4) stations as pilot projects to perform this delivery method. Azul/ Wolves Mech., the JOC contractor, was selected to perform this work on April 24 2013. The work on Stations 6 and 42 has been completed as scheduled and started work on FS 38 and 17 thereafter. This first group was substantially complete on August 30.

On August 30, SFFD provided authorization to the Team to move forward with Group (2) - total of 11 stations; a JOC Contractor “Rodan” was selected to work on this group. Rodan completed phase 1 - the investigation and scope validation; and turned in the initial findings with fee proposal the first week of October. The PM team reviewed the fee proposal several times and approved the final revisions on November 20. The City issued the NTP to Rodan on December 16, 2013 with a completion date of March 15, 2014. The work started on January 2; Rodan completed work on 11 stations on time on March 15. PM is in the process of adding new work to Rodan’s contract per FD direction, thus effecting the final completion of this package. A revised substantial completion is to be determined.

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

#### Summary:

BBR was selected to perform this work. BBR completed work at (10) stations as of December 2013. The remaining work at Stations 31 and 25 is scheduled for February and March respectively.

#### Detail:

The scope consists of window repair at various stations. BBR was selected to be the sole service provider for this type of work. As of September 2013, BBR completed work at 8 stations.

On September 30, SFFD directed the team to proceed with Stations 2, 26 and 31 windows. Station 10 remained on hold and added Station 25 to the ESER projects. On August, BBR reported that they did not have enough staff to execute the work simultaneously on these stations due to numerous emergency projects around the City, and they will not be able to schedule the SFFD work until the emergency work is complete. On November 6, BBR resumed the work on Station 26 and completed it on November 20. On December 16, BBR started the work at Station 2 and was complete two weeks later. On January 6, the PM and SFFD reviewed Station 31 proposal and decided that the window replacement work should be part of package 6 exterior envelope due the complexity of this scope. They also reviewed FS25 proposal and directed BBR to revise and re-submit it based on the revised scope of work.

On Stations 31, window work was on hold pending receipt of special order materials (delivery was scheduled for February 26), BBR is to complete the work by early March. PM received Station 25 revised proposal from BBR on February 3. PM/ SFFD reviewed and approved it on February, order of material will take about 4-6 weeks. Work to be complete 4 weeks after receipt of the material.

**Project Budget:**

Refer to the [Budget, Funding and Expenditures](#) on Pages 18 and 19.





# Auxiliary Water Supply System (AWSS)



New cistern and Brick Ring, 36<sup>th</sup> & Wawona, March 2014



Ashbury Heights Tank Removal, March 2014



Ashbury Heights Tank Removal, March 2014

**Project Description:** The Earthquake Safety and Emergency Response Bond will improve and seismically upgrade the cisterns, pipelines, tunnels, and physical plant.

**Project Background:** The AWSS delivers high-pressure water and cistern water storage for fire suppression in several areas of the City. It 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.

**Project Status:**

**Planning - Cisterns, Pipelines, and Tunnels**

The completed AECOM/AGS JV planning study was published. The project summary brochure is available at <http://sfwater.org/Modules/ShowDocument.aspx?documentid=4907>. The project report, which is more technical than the summary brochure, is available at <http://sfwater.org/Modules/ShowDocument.aspx?documentid=5055>.

**Physical Plant**

Construction continued for the Ashbury Heights Tank, Jones Street Tank, and Twin Peaks Reservoir contract (WD-2685). Work during facility shutdowns is scheduled to sequentially occur at Ashbury Heights Tank, then Twin Peaks Reservoir, and then Jones Street Tank. Ashbury Heights Tank and its foundation were removed. A request has been made to add Twin Peaks Reservoir water conservation improvements to this contract, the design of which was started. Construction completion is scheduled by fall 2015.

Pumping Station 1 bid advertisement is expected in April 2014. Construction is scheduled to start by fall 2014.

Design work continued for Pumping Station 2, with design completion scheduled by summer 2014.

**Cisterns**

Construction continued for Cisterns A (WD-2695) with four sites completed. Construction completion is scheduled by fall 2014.

Construction continued for Cisterns B (WD-2696). Construction completion is scheduled by spring 2015.

Construction started for Cisterns C (WD-2697). Construction completion is scheduled by fall 2015.

<b>Contract</b>	<b>#</b>	<b>Location</b>
Cisterns A		
	1.	35th Ave., Irving St. (constructing)
	2.	36th Ave., Wawona St. (completed)
	3.	37th Ave., Lawton St. (completed)
	4.	37th Ave., Ortega St. (completed)
	5.	37th Ave., Rivera St. (completed)
	6.	37th Ave., Ulloa St. (constructing)
Cisterns B		
	1.	Cashmere St., Hudson Ave. (constructing)
	2.	Geneva Ave., Moscow St.
	3.	Geneva Ave., Paris St.
	4.	Holyoke St., Silliman St. (constructing)
	5.	Silver Ave., Colby St.
Cisterns C		
	1.	18th Ave., Ulloa St.
	2.	21st Ave., Ocean Ave.
	3.	Funston Ave., Geary Blvd.
	4.	San Buenaventura Way, St. Francis Blvd.
	5.	Yerba Buena Ave., Saint Elmo Way

Design work continued for 18 cistern candidate locations to be constructed under Cisterns D through G as available funding allows and as shown in the following table. The Cisterns D bid and award phase is scheduled to start by summer 2014.

Not all candidate locations are expected to be constructed with ESER 2010 bond funds. The actual number of cisterns to be constructed is dependent on available funds, construction market conditions, site conditions, and related factors.

<b>Contract</b>	<b>#</b>	<b>Location</b>
Cisterns D		
	1.	Amber Dr., Duncan St.
	2.	Diamond Heights Blvd., Duncan St.
	3.	Dorchester Way, Ulloa St.
	4.	Folsom St., Ripley St.
	5.	Lansdale Ave., Casitas Ave.
Cisterns E		
	1.	17th Ave., Pacheco St.
	2.	18th Ave., Irving St.
	3.	18th Ave., Moraga St.
	4.	18th Ave., Santiago St.
	5.	Laguna Honda Hospital
Cisterns F		
	1.	5th Ave., Cabrillo St.
	2.	6th Ave., California St.
	3.	16th Ave., Vicente St.
	4.	30th Ave., Lake St.
	5.	Apollo St., Williams Ave.
Cisterns G		
	1.	29th Ave., Cabrillo St.
	2.	Alviso St., Holloway Ave.
	3.	Monterey Blvd., Westgate Dr.

**Pipelines and Tunnels** – Work is proceeding as shown in the following table.

4 <sup>th</sup> Street connection	Conceptual Engineering Report reviewed
Infirm-area valve motorization	
Fireboat manifolds	Planning continued
Suction connections	
Clarendon supply	
Control system	
Jones Street Tank valve motorization	
Pipeline investigation and remediation	
Pumping Station 1 tunnel	

**Project Schedule:**

Refer to the [Timeline and Schedule in Attachment 2](#).

**Project Budget:**

Refer to the [Budget, Funding and Expenditures](#) in Attachment 1.

## BUDGET, FUNDING AND EXPENDITURES

### Budget and Funding

The budget for the ESER 2010 Bond Program is \$412,300,000. There are three additional funding sources managed under this program. (1) As part of the Annual Appropriation Ordinance FY 12/13 (AAO 164-12), the Fire Department received authorization to appropriate \$8,272,000 to supplement Station No. 35 Fire Boat, a project under Neighborhood Fire Stations component, and two non-ESER related projects. (2) An additional \$38,696 was allocated to the Neighborhood Fire Stations to fund Station 35 Slab Repair project. (3) The Public Safety Building received \$5,523,908 from the City's general fund to manage and procure the furniture, fixtures and equipment (FF&E) for the Public Safety Building and Station No. 4. FF&E is not a bond eligible expense. The combined budget is \$426,134,604 with an appropriation of \$345,969,604. The following is a summary of the budget and appropriation by component:

<b>ESER 2010</b>	<b>Budget</b>	<b>Current Appropriation</b>
Public Safety Building	239,000,000	227,217,258
Neighborhood Fire Stations (NFS)	64,000,000	30,514,765
Auxiliary Water Supply System (AWSS)	102,400,000	71,396,779
Oversight, Accountability & Cost of Issuance	6,900,000	3,006,199
<b>Total (CESER1)</b>	<b>412,300,000</b>	<b>332,135,000</b>
<b>Fire Facility Bond Funds (FY 12/13 AAO 164-12)</b>		
<b>Neighborhood Fire Stations</b>		
7424A Fire Boat/ Fire Station No. 35	7,192,000	7,151,723
7433A Fire Boat/Fire Station No. 35 Slab Repair (CFCBLDFD33/3CFPSLOC)	358,000	398,299
7433A Fire Boat/Fire Station No. 35 Slab Repair (CFC918 000298)	38,696	38,696
7444A FF&E Fire Station #1 (CFCBLDFD44/3CFPSLOC)	722,000	721,977
<b>Total (CFCBLDFD)</b>	<b>8,310,696</b>	<b>8,310,695</b>
<b>Public Safety Building FF&amp;E</b>		
7410A Public Safety Building	5,523,908	5,523,908
<b>Total (1GAGFACP)</b>	<b>5,523,908</b>	<b>5,523,908</b>
<b>Combined Total (ESER+Fire Facility Funds+7410A FF&amp;E)</b>	<b>426,134,604</b>	<b>345,969,604</b>

DPW and SFPUC are in the process of requesting a fifth bond sale estimated at \$54.5M which will increase the appropriation to \$386.6M as follows:

General Obligation Bond Sales					
ESER 2010	Budget	Current Appropriation	Fifth 10E	New Appropriation	Future Bond Sale
Public Safety Building (PSB)	239,000,000	227,217,258	11,782,742	239,000,000	0
Neighborhood Fire Stations (NFS)	64,000,000	30,530,112	11,600,000	42,130,112	21,869,888
Auxiliary Water Supply System (AWSS)	102,400,000	71,396,776	31,003,224	102,400,000	0
<b>Project Fund Subtotal</b>	<b>405,400,000</b>	<b>329,144,146</b>	<b>54,385,966</b>	<b>383,530,112</b>	<b>21,869,888</b>
Controller's Audit Fund (two tenths of 1%)	827,058	659,356	108,772	768,128	58,930
General Obligation Bond Oversight Committee (one tenth of 1%)	413,529	332,135	54,386	386,521	27,008
Cost of Issuance (COI), Underwriters Discount	5,659,413	1,999,362	0	1,999,362	3,660,051
<b>Accountability and COI Subtotal</b>	<b>6,900,000</b>	<b>2,990,854</b>	<b>163,158</b>	<b>3,154,012</b>	<b>3,745,988</b>
<b>Total ESER1</b>	<b>412,300,000</b>	<b>332,135,000</b>	<b>54,549,123</b>	<b>386,684,123</b>	<b>25,615,877</b>

The budget for PSB is \$239,000,000. The appropriation of \$227,217,258 reflects the proceeds of the first and second bond sales and is shown in detail under Attachment 1 – Program Budget Report. The requested fifth bond sale of \$11,782,742 will complete the funding for PSB.

The budget for NFS is \$64,000,000. The appropriation of \$30,530,112 reflects the proceeds of the first, second and fourth bond sales. The requested fifth bond sale of \$11,600,000 would increase the appropriation to \$42,130,112. Additional bond sale(s) totaling \$21,869,888 would be necessary to complete the funding for NFS.

The budget AWSS is \$102,400,000. The appropriation of \$71,396,776 reflects the proceeds of the first, third and fourth bond sales and is shown in detail under Attachment 1 – Program Budget Report. The requested fifth bond sale of \$31,003,224 will complete the funding for AWSS.

The budget for other costs such as the Controller’s Audit Fund, Citizens General Obligation Bond Oversight Committee, Cost of Issuance and Underwriters’ Discount is \$6,900,000. The appropriation of \$2,990,854 reflects the proceeds of the four bond sales and is shown in detail under Attachment 1 – Program Budget Report. The estimated amount to be appropriated to support these services related to the fifth bond sale is \$163,158.

The Accountability for the fifth bond sale is currently under production and will be available on the website once it is completed.

**Expenditures and Encumbrances**

Total expenditures and encumbrances through March 31, 2014 are \$204,783,042 and \$80,190,419 respectively. The combined totals represent 82% of the appropriation of and 67% of the budget.

Included in the \$204,783,045 is \$991,895 from the Fire Facilities Bond Funds. The expenditures are consistent with our spend-down forecast and are within budget.

Refer to [Attachment 1 – Program Budget Report](#) for a detailed breakdown of the expenditures.

**Earthquake Safety and  
Emergency Response Bond Program**

**Citizens General Obligation  
Bond Oversight Committee**

ESER Components	Budget	Appropriation	Appropriation/		Encumbrance	Expenditures	Encumbrance+	Encumbrance+
			Budget	Encumbrance			Expenditures /	Expenditures /
			Budget	Encumbrance		Appropriation	Budget	
Public Safety Building	239,000,000	227,217,258	95%	53,026,469	165,879,862	96%	92%	
Neighborhood Fire Stations (NFS)	64,000,000	28,867,615	45%	5,881,947	17,239,434	80%	36%	
Auxiliary Water Supply System (AWSS)	102,400,000	71,396,779	70%	20,582,884	19,241,160	56%	39%	
Oversight, Accountability & Cost of Issuance	6,900,000	3,006,199	44%	699,119	1,430,693	71%	31%	
Master Project	0	1,647,148		0		0%	0%	
<b>Total (CESER1)</b>	<b>412,300,000</b>	<b>332,135,000</b>	<b>81%</b>	<b>80,190,419</b>	<b>203,791,150</b>	<b>86%</b>	<b>69%</b>	
<b>Fire Facility Bond Funds</b>								
7424A Fire Boat/ Fire Station No. 35	7,192,000	7,151,723	99%	0	0	0%	0%	
7433A Fire Boat/Fire Station No. 35 Slab Repair (CFCBLDFD33/3CFPSLOC)	358,000	398,299	111%	0	388,387	98%	108%	
7433A Fire Boat/Fire Station No. 35 Slab Repair (CFC918 000298)	38,696	38,696	100%	0	0	0%	0%	
7444A FF&E Fire Station #1 (CFCBLDFD44/3CFPSLOC)	722,000	721,977	100%	0	603,508	84%	84%	
<b>Total (CFCBLDFD)</b>	<b>8,310,696</b>	<b>8,310,695</b>	<b>100%</b>	<b>\$0</b>	<b>991,895</b>	<b>12%</b>	<b>12%</b>	
<b>Public Safety Building FF&amp;E</b>								
7410A Public Safety Building	5,523,908	5,523,908	100%	0	0	0%	0%	
<b>Total (1GAGFACP)</b>	<b>5,523,908</b>	<b>5,523,908</b>	<b>100%</b>	<b>\$0</b>	<b>0</b>	<b>0%</b>	<b>0%</b>	
<b>Combined Total (ESER+Fire Facility Funds+7410A FF&amp;E)</b>	<b>426,134,604</b>	<b>345,969,608</b>	<b>81%</b>	<b>\$80,190,419</b>	<b>204,783,045</b>	<b>82%</b>	<b>67%</b>	

---

## **ATTACHMENT 1 – PROGRAM BUDGET REPORT**

---

**Earthquake Safety and  
Emergency Response Bond Program**

**Citizens General Obligation  
Bond Oversight Committee**

Earthquake Safety & Emergency Response Bond Program								
Program Budget Report - Expenditures as of 04/07/14								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
<b>PUBLIC SAFETY BUILDING</b>								
DESIGN DEVELOPMENT	<b>PUBLIC SAFETY BUILDING</b> (CESER1 PS; 7400A & 7410A)	Soft Costs	47,267,544	40,368,678		35,812,185	1,672,875	2,883,618
		Construction	179,675,365	179,541,892		130,067,677	48,602,571	858,920
		FF&E	5,523,908	5,523,908		0	411,589	5,112,319
		Project Contingency	12,057,091	7,306,687		0	2,339,434	4,967,253
		<b>Subtotal</b>	<b>244,523,908</b>	<b>232,741,165</b>	<b>0</b>	<b>165,879,862</b>	<b>53,026,469</b>	<b>13,822,110</b>
<b>NEIGHBORHOOD FIRE STATIONS</b>								
VARIOUS	<b>FOCUSED SCOPE</b> (CESER1 FS 31, 32, 34, 35, 36, 37, 39) (Job Orders 7431A, 7432A, 7434A, 7435A, 7436A, 7437A, 7439A)	Soft Costs	2,938,554	2,079,388		1,817,490	30,433	231,466
		Construction	9,280,021	8,410,674		5,302,019	1,655,857	1,452,798
		Construction Contingency	0	933,184		0	0	933,184
		<b>Subtotal</b>	<b>12,218,576</b>	<b>11,423,247</b>	<b>0</b>	<b>7,119,509</b>	<b>1,686,290</b>	<b>2,617,448</b>
PLANNING	<b>COMPREHENSIVE: STATION 44</b> (CESER1 FS38; Job Order 7438A)	Soft Costs	345,142	328,533		366,698	0	-38,165
		Construction	1,203,745	928,488		275,024	652,712	752
		Construction Contingency	18,378	174,360		0	0	174,360
		<b>Subtotal</b>	<b>1,567,265</b>	<b>1,431,381</b>	<b>0</b>	<b>641,722</b>	<b>652,712</b>	<b>136,947</b>
PLANNING	<b>COMPREHENSIVE: STATION 36</b> (CESER1 FS27; Job Order 7427A)	Soft Costs	1,333,640	1,111,520		729,609	107,345	274,566
		Construction	3,193,811	3,788,898		1,044,256	2,744,126	516
		Construction Contingency	270,766	70,320		0	0	70,320
		<b>Subtotal</b>	<b>4,798,218</b>	<b>4,970,738</b>	<b>0</b>	<b>1,773,864</b>	<b>2,851,471</b>	<b>345,402</b>
PLANNING	<b>SEISMIC: STATION 5 (New 2-story)</b> (CESER1 FS40; Job Order 7440A)	Soft Costs	2,641,799	360,353		398,666	17,725	-56,038
		Construction	10,313,908	0		0	0	0
		Construction Contingency	883,050	857,426		0	0	857,426
		<b>Subtotal</b>	<b>13,838,757</b>	<b>1,217,779</b>	<b>0</b>	<b>398,666</b>	<b>17,725</b>	<b>801,388</b>
PLANNING	<b>SEISMIC: STATION 9 UTILITY ISOLATION</b> (CESER1 FS41; Job Order 7441A)	Soft Costs	80,000	80,000		0	0	80,000
		Construction	96,000	96,000		0	0	96,000
		Construction Contingency	24,000	24,000		0	0	24,000
		<b>Subtotal</b>	<b>200,000</b>	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200,000</b>
PLANNING	<b>SEISMIC: STATION 16 (New 2-story)</b> (CESER1 FS42; Job Order 7442A)	Soft Costs	1,802,919	1,731,183		1,205,681	215,850	309,653
		Construction	6,421,770	17,841		17,841	0	0
		Construction Contingency	616,968	0		0	0	0
		<b>Subtotal</b>	<b>8,841,656</b>	<b>1,749,024</b>	<b>0</b>	<b>1,223,522</b>	<b>215,850</b>	<b>309,653</b>

**Earthquake Safety and  
Emergency Response Bond Program**

**Citizens General Obligation  
Bond Oversight Committee**

Earthquake Safety & Emergency Response Bond Program Program Budget Report - Expenditures as of 04/07/14								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
PLANNING	<b>NEW PIER FIRE BOAT HEADQUARTERS</b> (CESER1 FS24; Job Order 7424A)	Soft Costs	4,133,301	590,288		84,890	10,000	495,398
		Construction	4,903,309	0		0		0
		Project Contingency	956,525					0
		<b>Subtotal</b>	<b>9,993,136</b>	<b>590,288</b>	<b>0</b>	<b>84,890</b>	<b>10,000</b>	<b>495,398</b>
PLANNING	<b>NEW PIER FIRE BOAT HEADQUARTERS</b> (CFCBLDFD24; Job Order 7424A)	Soft Costs	0	0		0	0	0
	Fire Facility Bond Funds	Construction	7,151,723	7,151,723				7,151,723
		Project Contingency	0					0
		<b>Subtotal</b>	<b>7,151,723</b>	<b>7,151,723</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,151,723</b>
PLANNING	<b>EQUIPMENT LOGISTICS CENTER</b> (CESER1 FS26; Job Order 7425A)	Soft Costs	589,000	100,000		0	0	100,000
		Construction						0
		Project Contingency						0
		<b>Subtotal</b>	<b>589,000</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>
PLANNING	<b>PROGRAM-WIDE SOFT COSTS &amp; PROGRAM RESERVE</b> (CESER1 FS20; CESER1 FS30 Job Orders 7420A; 7429A, 7430A)	Soft Costs	11,217,709	7,185,159		5,997,261	445,920	741,978
		Construction						0
		Program Reserve	775,960					0
		<b>Subtotal</b>	<b>11,993,669</b>	<b>7,185,159</b>	<b>0</b>	<b>5,997,261</b>	<b>445,920</b>	<b>741,978</b>
PLANNING	<b>FIRE BOAT SLAB REPAIR (Non-ESER1 related)</b> (CFCBLDFD33, CFC918 000298 Job Order 7433A)	Soft Costs	165,446	166,712		164,735	1,979	-2
	Fire Facility Bond Funds	Construction	192,554	248,652		223,652	0	25,000
		Project Contingency	38,696	21,631				21,631
		<b>Subtotal</b>	<b>396,696</b>	<b>436,995</b>	<b>0</b>	<b>388,387</b>	<b>1,979</b>	<b>46,629</b>
PLANNING	<b>FIRE STATION NO. 1 FF&amp;E (Non-ESER1 related)</b> (CFCBLDFD44; Job Order 7444A)	Soft Costs	207,600	208,000		114,562	0	93,438
	Fire Facility Bond Funds	Construction	514,400	428,251		488,946	0	-60,695
		Project Contingency		85,726				85,726
		<b>Subtotal</b>	<b>722,000</b>	<b>721,977</b>	<b>0</b>	<b>603,508</b>	<b>0</b>	<b>118,469</b>
PLANNING	<b>NEIGHBORHOOD FIRE STATIONS SUMMARY</b> (CESER1 FS)	Soft Costs	25,455,111	13,941,136	0	10,879,592	829,252	2,232,293
		Construction	43,271,242	21,070,527	0	7,351,738	5,052,695	8,666,094
		Project Contingency	3,584,342	2,166,647	0	0	0	2,166,647
		<b>Subtotal</b>	<b>72,310,696<sup>(4)</sup></b>	<b>37,178,310</b>	<b>0</b>	<b>18,231,330</b>	<b>5,881,947</b>	<b>13,065,034</b>

**Earthquake Safety and  
Emergency Response Bond Program**

**Citizens General Obligation  
Bond Oversight Committee**

Earthquake Safety & Emergency Response Bond Program Program Budget Report - Expenditures as of 04/07/14								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
<b>AUXILIARY WATER SUPPLY SYSTEM (AWSS)</b>								
<b>PRE-BOND PLANNING AND DEVELOPMENT</b>								
PLANNING	<b>Pre-Bond Planning and Development</b>							
		Soft Costs	1,316,963	1,316,992		1,316,992 <sup>(1a)</sup>	0	0
		Construction	0	0		0		0
		Project Contingency						0
		Subtotal	1,316,963	1,316,992	0	1,316,992	0	0
<b>AUXILIARY WATER SUPPLY SYSTEM (AWSS)</b>								
Design	<b>Jones Street Tank</b>							
		Soft Costs	3,522,613	2,444,136		1,418,389	28,804	996,943
		Construction	4,225,034	4,225,034		66,945	4,158,089	0
		Project Contingency	343,853					0
		Subtotal	8,091,500	6,669,170	0	1,485,334	4,186,893	996,943
Design	<b>Ashbury Heights Tank</b>							
		Soft Costs	1,599,739	1,404,889		1,088,966	59,490	256,433
		Construction	3,610,805	3,610,805		171,944	3,438,861	0
		Project Contingency	271,247					0
		Subtotal	5,481,791	5,015,694	0	1,260,910	3,498,351	256,433
Design	<b>Twin Peaks Reservoir</b>							
		Soft Costs	1,305,819	1,291,774		1,091,003	11,710	189,061
		Construction	1,480,061	1,480,061		66,945	1,413,116	0
		Project Contingency	119,571					0
		Subtotal	2,905,451	2,771,835	0	1,157,948	1,424,826	189,061
PLANNING	<b>Pump Station No. 2</b>							
		Soft Costs	2,510,082	2,026,044		1,662,000	215,547	148,497
		Construction	4,501,780	0		0	0	0
		Project Contingency						0
		Subtotal	7,011,862	2,026,044	0	1,662,000	215,547	148,497
Design	<b>Pump Station No. 1</b>							
		Soft Costs	3,453,628	3,020,401		2,103,877	128,504	788,020
		Construction	7,000,000	9,000,000				9,000,000
		Project Contingency						0
		Subtotal	10,453,628	12,020,401	0	2,103,877	128,504	9,788,020

Earthquake Safety & Emergency Response Bond Program Program Budget Report - Expenditures as of 04/07/14								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
	<b>FIREFIGHTING CISTERNS</b>							
Design	<b>Contract No. 1</b>	Soft Costs	508,350	508,350		507,834	517	-1
		Construction	0	0		0	0	0
		Project Contingency						0
		<b>Subtotal</b>	<b>508,350</b>	<b>508,350</b>	<b>0</b>	<b>507,834</b>	<b>517</b>	<b>-1</b>
Design	<b>Contract No. 2</b>	Soft Costs	8,563,894	4,389,956		3,258,686	368,947	762,323
		Construction	25,975,051	17,000,000		2,810,692	10,381,828	3,807,480
		Project Contingency						0
		<b>Subtotal</b>	<b>34,538,945</b>	<b>21,389,956</b>	<b>0</b>	<b>6,069,378</b>	<b>10,750,775</b>	<b>4,569,803</b>
Design	<b>Contract No. 3</b>	Soft Costs	51,047	51,047		50,529	518	0
		Construction	0	0		0	0	0
		Project Contingency						0
		<b>Subtotal</b>	<b>51,047</b>	<b>51,047</b>	<b>0</b>	<b>50,529</b>	<b>518</b>	<b>0</b>
Design	<b>Contract No. 4</b>	Soft Costs	124,402	124,402		123,942	460	0
		Construction	0	0		0	0	0
		Project Contingency						0
		<b>Subtotal</b>	<b>124,402</b>	<b>124,402</b>	<b>0</b>	<b>123,942</b>	<b>460</b>	<b>0</b>

Earthquake Safety & Emergency Response Bond Program Program Budget Report - Expenditures as of 04/07/14								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
PRE-DESIGN	<b>FIREFIGHTING PIPES AND TUNNELS AWSS Modernization CIP Study</b>	Soft Costs	2,971,152	2,971,152		2,590,830	264,807	115,515
		Construction	0	0		0	0	0
		Project Contingency	28,848					0
		Subtotal	3,000,000	2,971,152	0	2,590,830	264,807	115,515
PLANNING	<b>Pipes/Tunnels (Projects 11 thru 19)</b>	Soft Costs	6,340,775	2,437,543		703,453	111,686	1,622,404
		Construction	22,275,000	194,477		179,477	0	15,000
		Project Contingency						0
		Subtotal	28,615,775	2,632,020	0	882,930	111,686	1,637,404
PLANNING	<b>Contract No. 2</b> Added to baseline budget above-->	Soft Costs		0		0	0	0
		Construction						0
		Project Contingency						0
		Subtotal	0	0	0	0	0	0
PLANNING	<b>Contract No. 3</b> Added to baseline budget above-->	Soft Costs		0		0	0	0
		Construction						0
		Project Contingency						0
		Subtotal	0	0	0	0	0	0
PLANNING	<b>CUW AWS 01</b>	Soft Costs	300,286	3,899,716	0	28,656	0	3,871,060
		Construction	0	10,000,000				10,000,000
		Project Contingency						0
		Subtotal	300,286	13,899,716	0	28,656	0	13,871,060
AUXILIARY WATER SUPPLY SYSTEM (AWSS)		Soft Costs	32,568,750	25,886,402	0	15,945,157	1,190,990	8,750,255
		Construction	69,067,731	45,510,377	0	3,296,003	19,391,894	22,822,480
		Project Contingency	763,519	0	0	0	0	0
		Subtotal	102,400,000	71,396,779	0	19,241,160 <sup>(*)</sup>	20,582,884	31,572,735

**Earthquake Safety and  
Emergency Response Bond Program**

**Citizens General Obligation  
Bond Oversight Committee**

Earthquake Safety & Emergency Response Bond Program Program Budget Report - Expenditures as of 04/07/14								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
		Soft Costs	105,291,405	80,196,216	0	62,636,934	3,693,117	13,866,165
		Construction	292,014,338	246,122,796	0	140,715,418	73,047,160	32,347,494
		PSB FF&E Non-ESER Bor	5,523,908	5,523,908	0	0	411,589	5,112,319
		Project Contingency	16,404,952	9,473,334	0	0	2,339,434	7,133,900
		<b>Subtotal</b>	<b>419,234,603</b>	<b>341,316,254</b>	<b>0</b>	<b>203,352,352</b>	<b>79,491,300</b>	<b>58,459,879</b>
<b>MASTER PROJECT (ESER1MP)</b>				1,647,161				1,647,161
<b>BOND OVERSIGHT/ACCOUNTABILITY</b>			6,900,000	991,491		242,372	699,119	50,000
<b>BOND COST OF ISSUANCE</b>				2,014,708		1,188,321 <sup>(2)</sup>	0	826,387
<b>TOTAL BOND PROGRAM</b>			<b>426,134,603<sup>(3)</sup></b>	<b>345,969,608</b>	<b>0</b>	<b>204,783,045</b>	<b>80,190,419</b>	<b>60,983,413</b>

As of 04/07/14, the FAMIS fiscal month 09 2014 (March 2014), actual expenditures are \$286,646,807. 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 \$19,241,160 for actuals per FAMIS Project structure CUW AWS AW posted as of 04/07/14

(2) Bond Sale Premiums:

(a) The underwriters discount of \$211,953 was separated from the premium \$5,118,923

(b) deducted underwriters discount \$211,953 from 0934G OTO TO 4D/GOB-GEN and added it to 07311 BOND ISSUANCE COST

(c) The Second Bond Sale premium of \$16,898,267 (0934G)

(d) The Third Bond Sale premium of \$6,213,547 (0934G)

(e) The Fourth Bond Sale premium of \$2,606,055.70 (0934G)

(3) The budget for NFS increased by \$8.272M from \$64M to \$73.372M to include previous Fire Facility Bond Funds to supplement ESER1 NFS funds. As a result, the overall budget increased from \$412.3M to \$420.572M.

The additional funds are under project structure (CFCBLDFDXX) / funding source (3CFPSLOC)

(a) Less Job Order appropriation and expenditures reported under 7424A, 7433A, 7444A

(b) Less transfer from 6755A STA 35 PIER 22 1/2 RENOV PH1 (CFC918 000298)

(4) Received \$5,511,185 for PSB FF&E (1GAGFACP ) for PSB & Station 4 FF&E

**Total (CESER1)**

		\$71,471,986
		<b>(\$19,241,160)</b>
		\$5,118,923
		<b>(\$211,953)</b>
		\$16,898,268
		\$6,213,547
		\$2,606,056
		<b>(\$8,272,000)</b>
		<b>(\$991,895)</b>
		<b>(\$38,696)</b>
		<b>(\$5,523,908)</b>
		<b>\$332,135,000</b>
		<b>\$286,646,807</b>

Prepared by the Department of Public Works, revised 04/07/14

---

## **ATTACHMENT 2 – TIMELINE AND SCHEDULE**

---



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

March 31, 2014

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	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.				
				9/30/10	12/31/10	3/31/11	6/30/11	9/30/11	12/31/11	3/31/12	6/30/12	9/30/12	12/31/12	3/31/13	6/30/13	9/30/13	12/31/13	3/31/14	6/30/14	9/30/14	12/31/14	3/31/15	6/30/15	9/30/15	12/31/15	3/31/16	6/30/16	9/30/16	12/31/16	3/31/17	6/30/17	9/30/17	12/31/17	3/31/18	6/30/18	9/30/18	12/31/18	3/31/19	6/30/19
SEISMIC: STATION 9 UTILITY ISOLATION																																							
Baseline Budget	200,000																																						
Current/Approved	200,000																																						
Current/Projected	200,000																																						
Actual																																							
SEISMIC: STATION 16 (New 2-story)																																							
Baseline Budget	8,841,656	03/01/12	01/04/16																																				
Current/Approved	8,841,656	03/01/12	01/04/16																																				
Current/Projected	8,841,656	03/01/12	01/04/16																																				
Actual																																							
NEW PIER FIRE BOAT HEADQUARTERS																																							
Baseline Budget	17,144,859																																						
Current/Approved	17,144,859																																						
Current/Projected	17,144,859																																						
Actual																																							
EQUIPMENT LOGISTICS CENTER																																							
Baseline Budget	589,000	03/01/12	12/31/15																																				
Current/Approved	589,000																																						
Current/Projected	589,000																																						
Actual																																							
PROGRAM-WIDE SOFT COSTS & PROGRAM RESERVE																																							
Baseline Budget	11,993,669	10/17/11	05/01/17																																				
Current/Approved	11,993,669	10/17/11	05/01/17																																				
Current/Projected	11,993,669	10/17/11	05/01/17																																				
Actual																																							
FIRE BOAT SLAB REPAIR (Non-ESER1 related)																																							
Pre-Baseline Budget	396,696																																						
Current/Approved	396,696																																						
Current/Projected	396,696																																						
Actual																																							
FIRE STATION NO. 1 FF&E (Non-ESER1 related)																																							
Pre-Baseline Budget	722,000	10/01/12	03/31/13																																				
Current/Approved	722,000	10/01/12	03/31/13																																				
Current/Projected	722,000	10/01/12	03/31/13																																				
Actual																																							
NEIGHBORHOOD FIRE STATIONS																																							
Original/Baseline Budget	72,310,696	10/17/11	02/09/17																																				
Current/Approved	72,310,696	10/17/11	02/09/17																																				
Current/Projected	72,310,696	10/17/11	02/09/17																																				
Actual																																							

**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			
				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.				
				9/30/10	12/31/10	3/31/11	6/30/11	9/30/11	12/31/11	3/31/12	6/30/12	9/30/12	12/31/12	3/31/13	6/30/13	9/30/13	12/31/13	3/31/14	6/30/14	9/30/14	12/31/14	3/31/15	6/30/15	9/30/15	12/31/15	3/31/16	6/30/16	9/30/16	12/31/16	3/31/17	6/30/17	9/30/17	12/31/17	3/31/18	6/30/18	9/30/18	12/31/18	3/31/19	6/30/19
March 31, 2014																																							
<b>PUBLIC UTILITIES COMMISSION / AUXILIARY WATER SUPPLY SYSTEM (AWSS)</b>																																							
<b>PRE-BOND PLANNING AND DEVELOPMENT</b>																																							
Original/Baseline Budget	1,316,963	07/01/09	12/31/10	1,316,963																																			
Current/Approved	1,316,963	07/01/09	12/31/10	1,316,963																																			
Current/Projected	1,316,963	07/01/09	12/31/10	1,316,963																																			
Actual	1,316,963	07/01/09	12/31/10	1,316,963																																			
<b>AWSS JONES STREET TANK</b>																																							
Original/Baseline Budget	8,091,500	08/01/11	01/27/12	181,300				882,302		7,027,898																													
		01/30/12	04/19/13					Design		Construction																													
		04/22/13	05/27/16																																				
Current/Approved	8,091,500																																						
Current/Projected	8,091,500																																						
Actual																																							
<b>AWSS ASHBURY HEIGHTS TANK</b>																																							
Original/Baseline Budget	5,481,791	07/25/11	02/29/12	147,500				1,012,191		4,322,100																													
		02/29/12	04/19/13					Design		Construction																													
		04/22/13	05/27/16																																				
Current/Approved	5,481,791																																						
Current/Projected	5,481,791																																						
Actual																																							
<b>AWSS TWIN PEAKS RESERVOIR</b>																																							
Original/Baseline Budget	2,905,451	06/01/11	01/27/12	203,600				732,247		1,969,604																													
		01/30/12	04/19/13					Design		Construction																													
		04/22/13	05/27/16																																				
Current/Approved	2,905,451																																						
Current/Projected	2,905,451																																						
Actual																																							
<b>AWSS PUMP STATION NO. 2</b>																																							
Original/Baseline Budget	7,011,862	7/25/2011	9/25/2012	584,255				1,855,327		4,572,280																													
		9/26/2012	7/15/2014					Design		Construction																													
		7/15/2014	9/26/2016																																				
Current/Approved	7,011,862																																						
Current/Projected	7,011,862																																						
Actual																																							







---

## ATTACHMENT 3 – CONTACT INFORMATION

---

Department of Public Works  
Bureau of Project Management  
30 Van Ness Avenue, Suite 4100  
San Francisco, CA 94102  
(415) 557-4700

Contact	Title	Telephone No.	Cell No.	E-mail
Charles A. Higuera	Program Manager	(415) 557-4646	(415) 307-7891	<a href="mailto:charles.higuera@sfdpw.org">charles.higuera@sfdpw.org</a>
Jim Buker	Senior Architect	(415) 557-4758	(415) 225-9481	<a href="mailto:jim.buker@sfdpw.org">jim.buker@sfdpw.org</a>
Gabriella Judd Cirelli	Project Manager	(415) 557-4707	(415) 279-4395	<a href="mailto:gabriella.cirelli@sfdpw.org">gabriella.cirelli@sfdpw.org</a>
Samuel Chui	Project Manager	(415) 558-4082	(415) 272-8293	<a href="mailto:samuel.chui@sfdpw.org">samuel.chui@sfdpw.org</a>
Youcef Bouhamama	Project Manager	(415) 557-4798		<a href="mailto:youcef.bouhamama@sfdpw.org">youcef.bouhamama@sfdpw.org</a>
Chethana Gowda	Project Mgr. Asst.	(415) 557-4627		<a href="mailto:chethana.gowda@sfdpw.org">chethana.gowda@sfdpw.org</a>
Andrew Christensen	Project Mgr. Asst.	(415) 557-4639		<a href="mailto:andrew.christiansen@sfdpw.org">andrew.christiansen@sfdpw.org</a>
Marisa Fernandez	Financial Analyst	(415) 557-4653		<a href="mailto:marisa.fernandez@sfdpw.org">marisa.fernandez@sfdpw.org</a>

Public Utilities Commission  
525 Golden Gate Avenue, 9<sup>th</sup> Floor  
San Francisco, CA 94102

Contact	Title	Telephone No.	Cell No.	E-mail
David Myerson	Project Manager	(415) 934-5710	(415) 500-5449	<a href="mailto:dmyerson@sfgwater.org">dmyerson@sfgwater.org</a>