



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

June 30, 2014

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EXECUTIVE SUMMARY

The Earthquake Safety and Emergency Response (ESER 2010) 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

Sitework construction underway, including the South Plaza artwork, alleyway from China Basin, and main entry plaza. Interior finishes and installation of mechanical, electrical, and plumbing fixtures continues through this reporting period at all levels at the PSB and at the Fire Station 30.

All trade packages have been bought-out. Bid solicitation conducted by the City Purchaser's Office for furniture, fixture, and equipment are underway.

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 March 2014, 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 complete and submitted in June. Design changes explored with SFFD and peer reviewer on Station 5 are currently being applied to Station 16. Design schedule extension is currently being created, anticipated revised completion date is end July

Station 5: Station 5 public outreach meetings were held on June 19 and 26. Peer review of concept by outside fire station consultant, SCN Architects, began on June 23 - 24. Schematic Design schedule will be finalized upon completion of the peer review in mid July.

Station 35: The Warriors proposed project site moved away from Piers 30/32 in late April, and the SFFD maritime function is no longer needed at the new Arena site. SFFD directed DPW to resume project planning at the existing Station 35 location, Pier 22-1/2. Project re-start meetings with SF Port occurred in June. BCDC and SF Planning meetings will follow confirmation of program in July and August.

Comprehensive Projects: Station 36

The combined project Station 36 and 44 continues to progress in construction phase. At Station 44, the Contractor completed work on May 16 and City inspections occurred on May 19. Final Contractor touch-up occurred on May 20 and SFFD re-occupied the Station on May 21.

Focused Scope Projects

Roof Replacement – 15 Stations:

Work is complete.

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), were bid out through DPW public bidding process to B or C33 license contractors.

- BBR has completed Stations 38, 49, 6 and 42. Work on Station 28 began May 12, was completed and the punch list was conducted on June 24. Station 41 will follow in July.
- Package 4 (Stations 15, 32, 40): Stations 32 and 40 are complete. Station 15 completion is contingent upon SFMTA correcting areas damaged while new windows were installed. DPW paint contractor will return for paint touch up after SFMTA contractor punch list work is complete.
- Package 5 (Stations 10, 13, 17, 26): CF Contracting started work on February 20, substantial completion date of May 19 extended to June 19 to address additional work needed. Installation quality issues at Station 13 windows will be addressed by Contractor.
- Package 6 (Stations 2, 18, 31): Roebuck Began work on Station 2 only and will work to Stations 18 and 31 upon completion of Station 2. Scheduled substantial completion date is July 2. Time extension will be negotiated pending Station 2 delayed window delivery date on August 25.

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: In close out.
- Station 17: The scheduled substantial completion date of May 12 was extended to July 11 due to PG&E schedule conflicts and coordination with the exterior envelope work. Issues with PG&E wiring type will require a further extension, pending submission from PG&E; completion is anticipated in mid to late August.
- Stations 12 and 21: (Micro LBE Becker Electric) The scheduled substantial completion date is August 25.

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: This project was rebid on April 23, and the project was awarded to Wickman. NTP issuance is anticipated the first week in July.

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.) Anticipated completion date is July 30.

Window Repair – 12 stations:

All work is complete.

Auxiliary Water Supply System

Construction continued for the Ashbury Heights Tank, Jones Street Tank, and Twin Peaks Reservoir contract (WD-2685). Pumping Station 1 (WD-2686) construction bids were received and are being evaluated. Design work continued for Pumping Station 2.

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

Planning and design work continued for pipeline and tunnel projects.

Budget

The ESER has expended \$232,668,661 through June 2014. Out of the \$232,668,661 \$185,495,533 is for the PSB; \$21,857,929 is for the NFS; \$23,762,642 is for AWSS; and \$1,552,557 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 \$57.840M which will complete the funding for the PSB and AWSS components and partially fund the NFS. A future bond sale of \$24.995M 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 23 and 24.

Other Information

For more information, visit the ESER web site at www.sfearthquakesafety.org.

PROGRAM SUMMARY AND STATUS

Public Safety Building



Artwork installation at South Plaza



Arson Task Force office on L2 of FS30



Workstation furniture installation at L4 IT area



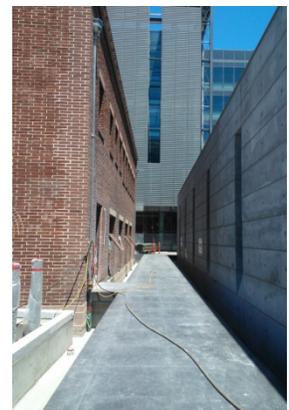
Cabinetry work at FS4 kitchen/ dining area



Staff elevator lobby at Level 4



Main entry at Police HQ



Alley between PSB and
FS30

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:

- Bridge and front entry plaza architectural concrete placement continued through June, and expected to be complete in July.
- South Plaza Art Installation – including “All is Well” Bell, star-shaped granite, and art pavers – complete in June. Remainder of work includes boulder and tree installation.
- Interior finishes work on-going at PSB on all floors, including wall paneling, interior painting, doors and hardware, carpets, tiles, interior glazing, finished cabinetry, and ceiling installation.
- Installation of plumbing and electrical fixtures continues through this reporting period (April through June). Preparation was underway to ensure start-up and commissioning of various MEPF systems to begin July 1. All elevators complete, except for Elevator #5 under construction and expected to be complete in mid-July.
- Installation of solar hot water PV tubes complete at penthouse roof.

Project Schedule:

Substantial Completion = September 2014

Final Completion = October 2014

Target Move-In = November 2014

- Trade package bidding was completed in October, with negotiated bid with an LBE for Final Clean complete in June.
- Furniture, Fixture, and Equipment:
 - Workstation bid solicitation complete. KBM is the selected vendor.
 - Task Seating bids were received on 6/27; bid review is currently in progress.
 - Bid for Security Equipment award phase is underway. Response to one protest was issued in mid-June.
 - Initiation to Bid for Ancillary Accessories was issued on 7/1.

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 23 thru 24.

Neighborhood Fire Stations & Support Facilities

7436A Exterior Envelope
Package 6 – Station 2



Package 6 – Station 31



**7436A Exterior Envelope
Package 5**



Station 10



Station 17



Station 26

**7437A Emergency Generator Replacement
Station 17**



Station 12



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.

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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.

Follow up meeting with the immediate neighbors were held on January 29, February 26, March 19 and April 2, 2014. The City has accommodated one of the neighbor's request to relocate the rooftop emergency generator from the West to the East side of the roof. The City is currently pursuing licensing agreements with three of the immediate neighbors to underpin their property foundations during construction, and to install equipment monitoring construction impact on their properties.

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. An as-needed civil engineer with storm water expertise was began work on December 20th, 2013. 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 met with DBI for final coordination on Blue Roof approach in April 2014. The site permit was filed with DBI on December 20, 2013. The stormwater design and calculations were submitted to PUC on June 18. PUC response is anticipated mid to late August.

Design changes explored with peer reviewer on Station 5 are currently being applied to Station 16. Design schedule extension is currently being created, anticipated revised completion date is end July.

Station 5:

Design services are being provided by DPW BDC/IDC through the concept phase. DPW IDC confirmed that civil, mechanical, plumbing and electrical engineering divisions currently do not have capacity to complete the Station 5 work on the project schedule. Interviews of DPW as-needed engineering firms occurred in April and award was issued in June.

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.

SFFD direction is to engage an outside fire station design peer reviewer prior to the start of Schematic Design to confirm the concept. Expert design firms were interviewed in May and work began in late June. After completion of this work in early July, the design schedule will be formalized. Schematic Design is anticipated to start in late July.

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 met with community groups in June 2014, and outreach will continue in July.

The team informally presented Station 5 concept facades to Civic Design Review committee on February 10. Future presentations will be scheduled in conjunction with the final design schedule.

Fire Boat Station 35:

Design services are being provided by DPW BDC/IDC.

In April 2014, the Warriors proposed project site has moved away from Piers 30/32, and in so doing the maritime function of the SFFD Boat Station is no longer needed. SFFD direction is for DPW to resume project planning at the Station 35 current location, Pier 22-1/2. Station 35 re-start meetings with SF Port occurred in June. BCDC and SF Planning meetings will follow confirmation of program in July and August.

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. 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.

SFFD requested DPW prepare a program analysis and cost estimate for the EMS portion of the building for consideration in a future bond. The analysis was completed in September 2013.

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.

The project bid was readvertised together with Station 44 as scheduled in July 2013. Notice of Award was issued on September 25 and Notice to Proceed was issued on October 24 to Roebuck Construction. 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 scheduled substantial completion date is April 28, 2014. Schedule was extended due to unanticipated steel repair work needed behind brick façade. New substantial completion date was scheduled for May 16, 2014. Contractor completed work on May 16 and City inspections occurred on May 19. Final Contractor touch up work occurred on May 20 and SFFD re-occupied the station on May 21, 2014.

At Station 36, roof work proceeded as scheduled in April 2014; final top coat will be installed during adjacent school vacation in June 2014. DPI pre-wall close up inspections are complete. Insulation is complete and drywall on the second floor is nearly complete.. Per SFFD direction, project will add new Apparatus Bay doors to the project. The front sidewalk apron is being designed to accommodate both ADA requirements and clearance requirements for the fire truck, which will require some street modifications currently in review. SFFD directed team to proceed with adding new Apparatus Bay doors to the project; design is in progress. In June, the elevator cab was installed and functional (awaiting testing and inspection); drywall on the 2nd floor is 95% on the 2nd floor; tile at restrooms and lockers is 70% complete; exterior stucco control joints are installed, ready for stucco installation; final roofing applications are in progress; window installation is in progress

Focused Scope Projects

Design services are being provided by DPW BDC/IDC. (4) of the (5) emergency generators are designed by GHD (as needed electrical engineering 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.

Detail: All work is complete.

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:

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. Work began at Station 28 on May 12 and punch list was issued on June 24. Station 41 work will follow completion of Station 28 punchlist in July.

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) - OnPoint Construction: SFTMA resolved the issues they were having with their window installer and started the installation at Station 15 in mid-February. SFMTA work is complete; punch list walk occurred in June. SFMTA work damaged ESER work performed; SFMTA agreed to address issues. Schedule is still pending.
- Package 5 (Stations 10, 13, 17, 26) - CF Contracting: The City issued NTP on January 20. The contractor started 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. Additional work at Station 13 resulted in time extension to June 19. Installation quality issues at Station 13 windows will be addressed by the Contractor.
- Station 6 (Stations 2, 18, 31) – Roebuck Construction: The contractor started the actual work on March 5 on Station 2 only and will move to Station 31 and 18 upon completion of Station 2. Quality issues with painting subcontractor Slater Custom Painting at Station 2 led to ultimate removal of this subcontractor. The new subcontractor is Woodbrook Painting. New completion date at Station 2 scheduled for June 5. Additionally at Station 2, window design was modified to accommodate proper structural support of window expanse. The issue was exacerbated by poor coordination between the contractor, subcontractor and supplier. Paint mock up is approved at

Station 31 and scaffolding has been installed. East elevation priming activity resulted in assessment of existing paint as failing; manufacturer and contractor involvement in identification of proper method of removing lead based paint. At Station #18, mockup is complete. Substantial completion of this package is scheduled for July 2. Time extension will be negotiated pending Station 2 delayed delivery date of windows to August 25; a further extension is anticipated for the existing paint removal.. The extended completion date will cover time for all delays.

Emergency Generator Replacement – 5 Stations

Summary:

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

Detail:

Station 17: Initial substantial completion date is May 19, 2014. Substantial completion date was extended to July 11 due to PG&E scheduling conflicts and coordination with the exterior envelope work. Issues with PG&E wiring type will require a further extension, pending submission from PG&E; completion is anticipated in mid to late August

Stations 12 and 21: The City issued the NTP to Becker Electrical Services on April 21 and held the preconstruction meeting in May 1. Contractor proceeded with submittals and procurement on schedule, and commenced construction at Station 12 on June 7, 2014. Substantial completion is scheduled for August 25, with final completion scheduled for September 22. Station 21 schedule is pending.

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 was completed by Roebuck, the Station 44 contractor. Stations 26, 38, 13, 18, 40, 41: were bid out under one package.

Detail:

The City rebid the package of 6 stations on April 23, and awarded the contract to Wickman Development and Construction on May 30. NTP issuance is pending and anticipated in early July.

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, 2014; Rodan completed 9 of the 11 stations and is scheduled to complete the remaining ones by July 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, substantially completed this work on August 30.

On August 30, SFFD provided authorization to the Team to move forward with Group (2) - total of 11 stations; 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 2013. 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 schedule on March 15. Per SFFD direction, additional scope was added, primarily replacing actuator valves at 6 stations. The contract will be extended to allow for completion of the new work. Anticipated completion date is July 31.

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:

This work is complete.

Historic Evaluation and Environmental Review

Summary:

CEQA reviews and approvals proceed apace coordinated with the overall design and construction schedule.

Detail:

Historic evaluation site visits were completed at 21 stations (14 Focused Scope / Alternate stations; 6 Seismic / Comprehensive stations; and the Fire Boat station.) On August 31, 2011 City Planning issued a memorandum outlining requirements of a Historic Resource Evaluation (HRE) of the 5 stations identified as potential historic resources: Stations #5, #31, #32, #36, and #44. The HRE report will assess potential impacts to both historic resources listed above, as well as to five stations identified as contributors to a potential

1952 Fire Bond Act Thematic Historic District, Stations #10, #15, #17, #38, and #41. In May 2013, City Planning agreed to review individual reports for the potential historic resources stations, and a combined report for the five potential district stations. DPW submitted individual HRE's for Stations 31 and 32 in December 2013. Planning issued Station 31 Categorical Exemption Determination on February 19, 2014 and the General Plan Referral on March 4. Planning issued Station 32 Categorical Exemption on February 18, 2014 and the General Plan Referral on March 4.

DPW staff completed the Historic evaluation of Station 16 in November 2011 and City Planning issued the Categorical Exemption on February 6, 2013. Due to revisions in the Maher Map issued towards the end of 2013, this project is now subject to the Maher Ordinance. Maher Compliance was submitted to DPH in June 2014. City Planning issued a revised Categorical Exemption in June 2014.

DPW staff completed EE and General Plan Referral applications for Station 36 and submitted to City Planning on February 28, 2013. The Categorical Exemption was received on April 25, 2013. The General Plan Referral was received from City Planning on May 29, 2013.

DPW staff completed EE and General Plan Referral for Station 44 and submitted to City Planning on May 7, 2013. City Planning issued the Categorical Exemption for Station 44 on August 1, 2013. The General Plan Referral was received from City Planning on August 12, 2013

The Station 5 PPA was submitted on December 6, 2012. Planning provided the PPA response on February 7, 2013. Contracting for outside consulting services for Station 5 was awarded to Ward and Associates, DPW's on-call consultant and their efforts began in May 2013. DPW submitted the Environmental Evaluation and initial technical reports to City Planning on July 31, 2013. Additional technical reports were submitted on September 24, 2013. Planning provided technical comments on October 30. Ward and Associates revised the reports and resubmitted to Planning on November 25. Planning's additional comments were received on March 13, 2014. Currently technical reports are being finalized.

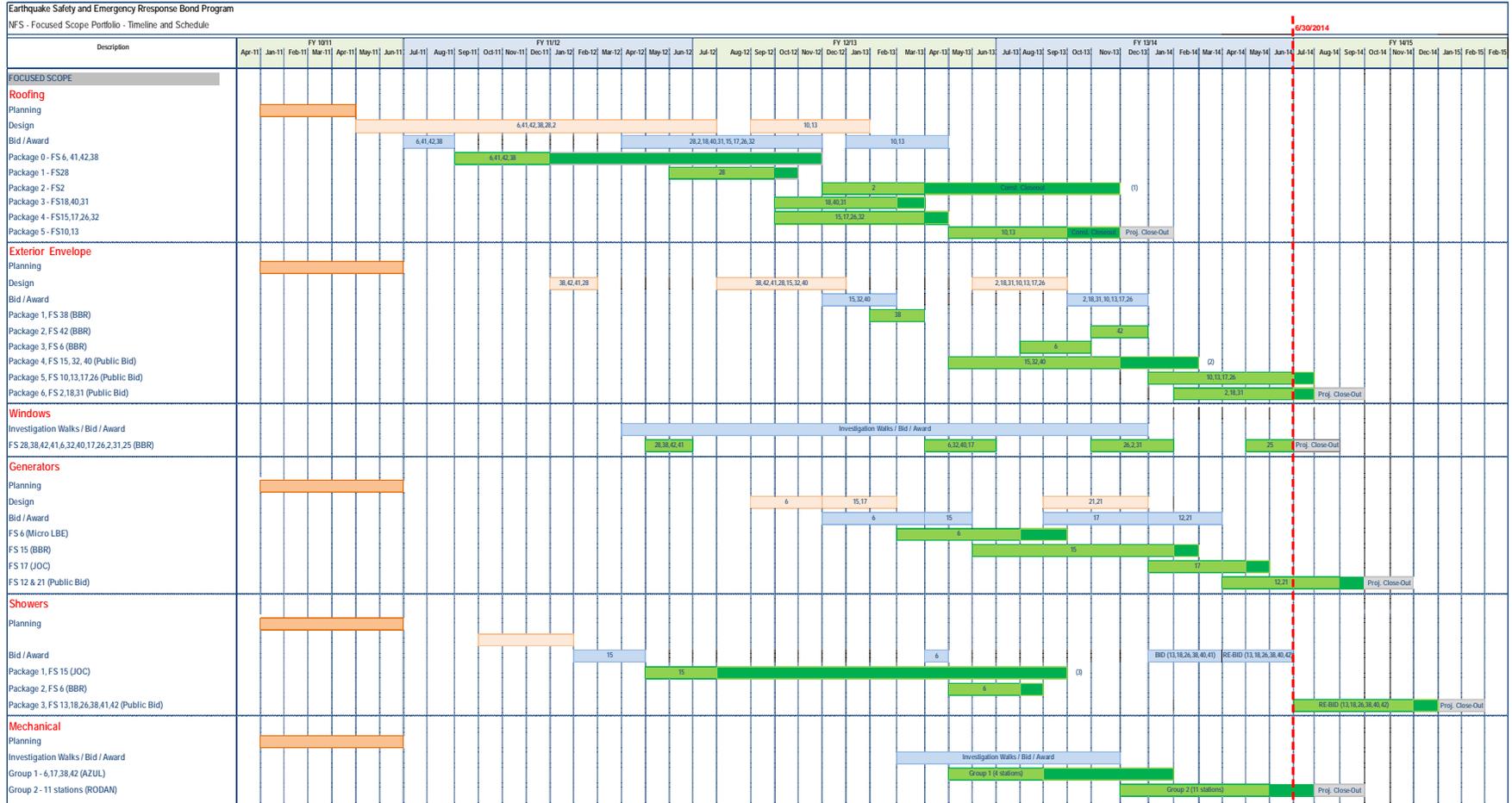
DPW submitted the draft HRE for Planning review on September 24. Planning provided comments on October 30, and the final HRE was submitted to Planning on November 25. Planning provided comments on January 22, 2014, and further clarified comments on February 7. The revised HRE's were submitted to Planning on March 12, 2014. Planning determination of the final level of environmental review and type of document to be issued is pending.

Project Budget:

Refer to the [Budget, Funding and Expenditures](#) on Pages 23 and 24.

Earthquake Safety and Emergency Response Bond Program

Citizens General Obligation Bond Oversight Committee



LEGEND



- (1) Substantial Completion was reached, however, the City rejected the non-conforming work during punch list walk
- (2) The Contractor completed the work on FS 32 and 40; FS 15 completion is contingent on SFMTA completing the installation of the windows
- (3) The Contractor completed the work as was scheduled, however, the work was rejected due to deficiencies in the installation

Auxiliary Water Supply System (AWSS)

Ashbury Heights Tank, June 2014



Tank installation started; new piping on right.

37th Ave. & Ulloa St., June 2014



New cistern excavation and shoring.

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:

Physical Plant

Construction continued for contract WD-2685 (Ashbury Heights Tank, Jones Street Tank, and Twin Peaks Reservoir). Ashbury Heights tank foundation, electrical equipment, drainage piping, and site concrete were installed. Tank installation began with the first wall row completed and the roof started. Contract construction completion is scheduled by fall 2015. A request was made to add to this contract the Twin Peaks Reservoir water conservation improvements, consisting of the application of sealing materials to the existing reservoir concrete joints. Contractor pricing and CEQA clearance for this joint sealing were received; SFPUC authorization will be requested to add this work to WD-2685. Also see discussion of Jones Street Tank valve motorization project in the subsequent Pipelines and Tunnels section.

Pumping Station 1 (WD-2686) construction bids were received and are being evaluated. 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) at one site. Construction completion is scheduled by fall 2014.

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

Construction continued for Cisterns C (WD-2697) at one site. Construction completion is scheduled by fall 2015.

Design work continues at 18 cistern candidate locations, with approximately 14 cisterns expected to be constructed under Cisterns Contracts D through F. The number of cisterns to be constructed with ESER 2010 funds is dependent on available funds, construction market conditions, site conditions, and related factors. The Cisterns D bid and award phase is scheduled to start by summer 2014.

Contract	#	Location	Contract	#	Location
Cisterns A		Contract WD-2695 Awarded	Cisterns D		
	1.	35th Ave., Irving St. <<completed>>		1.	Amber Dr., Duncan St.
	2.	36th Ave., Wawona St. <<completed>>		2.	Casitas Ave., Lansdale Ave.
	3.	37th Ave., Lawton St. <<completed>>		3.	Diamond Heights Blvd., Duncan St.
	4.	37th Ave., Ortega St. <<completed>>		4.	Dorchester Way, Ulloa St.
	5.	37th Ave., Rivera St. <<completed>>		5.	Folsom St., Ripley St.
	6.	37th Ave., Ulloa St. (constructing)		-	-
Cisterns B		Contract WD-2696 Awarded	Cisterns E		
	1.	Cashmere St., Hudson Ave. (constructing)		1.	17th Ave., Pacheco St.
	2.	Colby St., Silver Ave. (constructing)		2.	18th Ave., Irving St.
	3.	Geneva Ave., Moscow St.		3.	18th Ave., Moraga St.
	4.	Geneva Ave., Paris St.		4.	18th Ave., Santiago St.
	5.	Holyoke St., Silliman St. (constructing)		5.	Laguna Honda Hospital
Cisterns C		Contract WD-2697 Awarded	Cisterns F		
	1.	18th Ave., Ulloa St.		1.	5th Ave., Cabrillo St.
	2.	21st Ave., Ocean Ave.		2.	6th Ave., California St.
	3.	Funston Ave., Geary Blvd. (constructing)		3.	16th Ave., Vicente St.
	4.	Saint Elmo Way, Yerba Buena Ave.		4.	30th Ave., Lake St.
	5.	Saint Francis Blvd., San Buenaventura Way		5.	Apollo St., Williams Ave.

Contract	#	Location
Cisterns G		<i>(Possible ESER 2014 project)</i>
	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.

Fireboat manifolds	Planning continued
Suction connections	Planning continued
Pipeline investigation and remediation	Consultant proposal pending
Clarendon supply	Alternatives Analysis Report due by July 2014
Control system	Conceptual Engineering Report due by July 2014
Pumping Station 1 tunnel	Conceptual Engineering Report due by July 2014
4 th Street connection	35% Construction Documents due by August 2014
Infirm-area valve motorization	35% Construction Documents due by August 2014
Jones Street Tank valve motorization	Construct under contract WD-2685

Jones Street Tank valve motorization – This project will be constructed as part of contract WD-2685 (Ashbury Heights Tank, Jones Street Tank, and Twin Peaks Reservoir), subject to Public Utilities Commission approval. A time extension for WD-2685 may be needed depending on material delivery lead times, CEQA clearance completion, and time remaining in WD-2685.

Pipeline investigation and remediation – Negotiations are occurring to hire a pipeline condition assessment firm. The assessments are expected to include electronic and acoustical pipe leakage and pipe wall assessments, depending on results of field trials and verifications. Investigations will also include assessments of corrosion potential, utility conflicts, liquefiable areas, joint restraints, pipeline settlement, and related factors. Initial pipeline assessment is expected to start by fall 2014. The goal of the assessment is to identify pipeline components for repair, replacement, or abandonment.

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 \$5,721,909 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 \$426,332,604 with an appropriation of \$346,167,605. The following is a summary of the budget and appropriation by component:

ESER 2010	Budget	Current Appropriation
Public Safety Building	239,000,000	227,217,258
Neighborhood Fire Stations (NFS)	64,000,000	30,514,347
Auxiliary Water Supply System (AWSS)	102,400,000	71,396,779
Oversight, Accountability & Cost of Issuance	6,900,000	3,006,617
Total (CESER1)	412,300,000	332,135,000

Fire Facility Bond Funds (FY 12/13 AAO 164-12)	Budget	Current Appropriation
Neighborhood Fire Stations		
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	398,300
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
Total (CFCBLDFD)	8,310,696	8,310,696

Public Safety Building FF&E	Budget	Current Appropriation
7410A Public Safety Building	5,721,908	5,721,908
Total (1GAGFACP)	5,721,908	5,721,908

Combined Total (ESER+Fire Facility Funds+7410A FF&E)	426,332,604	346,167,605
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DPW and SFPUC are in the process of requesting a Fifth Bond Sale Supplemental appropriation estimated at \$57.840M which will increase the appropriation to \$387.305M. A future bond sale of \$24.995M will be needed to complete the funding for NFS.

The following is a summary of the estimated Fifth Bond Sale Supplemental appropriation per component:

General Obligation Bond Sales						
	Budget	Current Appropriation	Fifth 10E	New Appropriation	Future Bond Sale	
ESER 2010						
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		21,869,889
Auxiliary Water Supply System (AWSS)	102,400,000	71,396,776	31,003,224	102,400,000		0
Project Fund Subtotal	405,400,000	329,144,146	54,385,966	383,530,112		21,869,889
Controller's Audit Fund (two tenths of 1%)	827,058	659,356	108,772	768,129		58,929
General Obligation Bond Oversight Committee (one tenth of 1%)	413,529	332,135	55,170	387,305		26,224
Cost of Issuance (COI), Underwriters Discount, Bond Reserve	5,659,413	1,999,362	620,092	2,619,454		3,039,959
Accountability and COI Subtotal	6,900,000	2,990,854	784,034	3,774,889		3,125,111
Total ESER1 2010	412,300,000	332,135,000	55,170,000	387,305,000		24,995,000
Reserve pending bond sale			2,670,000			
ESER 2010 General Obligation Bonds Series 2014A - Not to Exceed			57,840,000			

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 and is shown in detail under Attachment 1 – Program Budget Report. 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 \$784,034.

The Accountability for the Fifth Bond Sale was distributed April 16. This report, as well as the previous reports, is available on the ESER website at <http://www.sfearthquakesafety.org/eser-2010-reports.html>.

Expenditures and Encumbrances

Total expenditures and encumbrances through June 30, 2014 are \$60,705,231 and \$232,668,661 respectively. The combined totals represent 85% of the appropriation of and 69% of the budget.

Included in the \$232,668,661 is \$993,874 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**

	Budget	Appropriation	Appropriation/ Budget	Encumbrance	Expenditures	Encumbrance+ Expenditures / Appropriation	Encumbrance+ Expenditures / Budget
ESER 2010 Components							
Public Safety Building	239,000,000	227,217,258	95%	36,739,635	185,495,533	98%	93%
Neighborhood Fire Stations (NFS)	64,000,000	29,898,615	47%	4,512,162	20,864,055	85%	40%
Auxiliary Water Supply System (AWSS)	102,400,000	71,396,779	70%	17,817,255	23,762,642	58%	41%
Oversight, Accountability & Cost of Issuance	6,900,000	3,006,617	44%	627,945	1,552,557	73%	32%
Master Project	0	615,732		0		0%	0%
Total (CESER1)	412,300,000	332,135,000	81%	59,696,997	231,674,787	88%	71%
Fire Facility Bond Funds							
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	398,300	111%	0	390,366	98%	109%
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%
Total (CFCBLDFD)	8,310,696	8,310,696	100%	\$0	993,874	12%	12%
Public Safety Building FF&E							
7410A Public Safety Building	5,721,908	5,721,908	100%	1,008,234	0	18%	18%
Total (1GAGFACP)	5,721,908	5,721,908	100%	1,008,234	0	18%	18%
Combined Total (ESER+Fire Facility Funds+7410A FF&E)	426,332,604	346,167,605	81%	\$60,705,231	232,668,661	85%	69%

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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 07/03/14								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
PUBLIC SAFETY BUILDING								
DESIGN DEVELOPMENT	PUBLIC SAFETY BUILDING (CESER1 PS; 7400A & 7410A)	Soft Costs	47,232,456	40,778,837		37,520,083	1,746,838	1,511,916
		Construction	188,416,727	181,339,553		147,975,450	32,653,363	710,740
		FF&E	5,721,909	5,721,908		0	1,008,234	4,713,674
		Project Contingency	3,350,817	5,098,866		0	2,339,434	2,759,432
		Subtotal	244,721,909	232,939,164	0	185,495,533	37,747,869	9,695,762
NEIGHBORHOOD FIRE STATIONS								
VARIOUS	FOCUSED SCOPE (CESER1 FS 31, 32, 34, 35, 36, 37, 39) (Job Orders 7431A, 7432A, 7434A, 7435A, 7436A, 7437A, 7439A)	Soft Costs	2,367,068	2,230,090		1,991,046	16,850	222,194
		Construction	9,451,890	7,940,780		6,034,517	1,302,053	604,210
		Construction Contingency	399,618	1,375,858				1,375,858
		Subtotal	12,218,577	11,546,728	0	8,025,563	1,318,903	2,202,263
PLANNING	COMPREHENSIVE: STATION 44 (CESER1 FS38; Job Order 7438A)	Soft Costs	427,474	415,523		378,925	0	36,598
		Construction	1,048,368	928,488		614,725	313,011	752
		Construction Contingency	91,424	89,370		0		89,370
		Subtotal	1,567,266	1,433,381	0	993,650	313,011	126,720
PLANNING	COMPREHENSIVE: STATION 36 (CESER1 FS27; Job Order 7427A)	Soft Costs	1,179,398	1,131,724		878,068	85,604	168,051
		Construction	3,388,500	3,834,288		2,328,220	1,505,995	73
		Construction Contingency	230,320	30,529		0		30,529
		Subtotal	4,798,218	4,996,541	0	3,206,288	1,591,599	198,653
PLANNING	SEISMIC: STATION 5 (New 2-story) (CESER1 FS40; Job Order 7440A)	Soft Costs	2,641,799	1,110,823		493,672	424,612	192,539
		Construction	10,313,908	0		0	0	0
		Construction Contingency	883,050	65,594		0		65,594
		Subtotal	13,838,757	1,176,417	0	493,672	424,612	258,133
PLANNING	SEISMIC: STATION 9 UTILITY ISOLATION (CESER1 FS41; Job Order 7441A)	Soft Costs	80,000	80,000		0	0	80,000
		Construction	96,000	96,000				96,000
		Construction Contingency	24,000	24,000				24,000
		Subtotal	200,000	200,000	0	0	0	200,000
PLANNING	SEISMIC: STATION 16 (New 2-story) (CESER1 FS42; Job Order 7442A)	Soft Costs	1,802,919	1,786,735		1,318,609	184,750	283,375
		Construction	6,421,770	17,841		17,841	0	0
		Construction Contingency	616,968	79,698		0		79,698
		Subtotal	8,841,656	1,884,274	0	1,336,450	184,750	363,073

**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 07/03/14								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
PLANNING	NEW PIER FIRE BOAT HEADQUARTERS (CESER1 FS24; Job Order 7424A)	Soft Costs	4,133,301	590,288		94,890	0	495,398
		Construction	4,903,309	0		0		0
		Project Contingency	956,525					0
		Subtotal	9,993,136	590,288	0	94,890	0	495,398
PLANNING	NEW PIER FIRE BOAT HEADQUARTERS (CFCBLDFD24; Job Order 7424A) Fire Facility Bond Funds	Soft Costs	0	0		0	0	0
		Construction	7,151,723	7,151,723				7,151,723
		Project Contingency	0					0
		Subtotal	7,151,723	7,151,723	0	0	0	7,151,723
PLANNING	EQUIPMENT LOGISTICS CENTER (CESER1 FS26; Job Order 7425A)	Soft Costs	589,000	100,000		5,864	0	94,136
		Construction						0
		Project Contingency						0
		Subtotal	589,000	100,000	0	5,864	0	94,136
PLANNING	PROGRAM-WIDE SOFT COSTS & PROGRAM RESERVE (CESER1 FS20; CESER1 FS30 Job Orders 7420A; 7429A, 7430A)	Soft Costs	11,217,709	7,970,988		6,707,677	679,287	584,023
		Construction						0
		Program Reserve	775,960					0
		Subtotal	11,993,669	7,970,988	0	6,707,677	679,287	584,023
PLANNING	FIRE BOAT SLAB REPAIR (Non-ESER1 related) (CFCBLDFD33, CFC918 000298 Job Order 7433A) Fire Facility Bond Funds	Soft Costs	165,446	171,415		166,714	0	4,701
		Construction	192,554	244,345		223,652	0	20,693
		Project Contingency	38,696	21,235				21,235
		Subtotal	396,696	436,995	0	390,366	0	46,629
PLANNING	FIRE STATION NO. 1 FF&E (Non-ESER1 related) (CFCBLDFD44; Job Order 7444A) Fire Facility Bond Funds	Soft Costs	207,600	208,000		114,562	0	93,438
		Construction	514,400	428,251		488,946	0	-60,695
		Project Contingency		85,726				85,726
		Subtotal	722,000	721,977	0	603,508	0	118,469
PLANNING	NEIGHBORHOOD FIRE STATIONS SUMMARY (CESER1 FS)	Soft Costs	24,811,715	15,795,585	0	12,150,029	1,391,103	2,254,454
		Construction	43,482,422	20,641,716	0	9,707,901	3,121,059	7,812,756
		Project Contingency	4,016,560	1,772,011	0	0	0	1,772,011
		Subtotal	72,310,698⁽⁴⁾	38,209,311	0	21,857,929	4,512,162	11,839,220

**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 07/03/14								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
AUXILIARY WATER SUPPLY SYSTEM (AWSS)								
PRE-BOND PLANNING AND DEVELOPMENT								
PLANNING	Pre-Bond Planning and Development							
		Soft Costs	1,316,963	1,316,963		1,316,963 ^(1a)	0	0
		Construction	0	0		0		0
		Project Contingency						0
		Subtotal	1,316,963	1,316,963	0	1,316,963	0	0
AUXILIARY WATER SUPPLY SYSTEM (AWSS)								
Design	Jones Street Tank							
		Soft Costs	3,522,613	2,454,136		1,560,550	25,750	867,836
		Construction	4,225,034	4,225,034		68,455	4,156,579	0
		Project Contingency	343,853					0
		Subtotal	8,091,500	6,679,170	0	1,629,005	4,182,329	867,836
Design	Ashbury Heights Tank							
		Soft Costs	1,599,739	1,404,889		1,141,352	48,284	215,253
		Construction	3,610,805	3,610,805		1,026,448	2,584,357	0
		Project Contingency	271,247					0
		Subtotal	5,481,791	5,015,694	0	2,167,800	2,632,641	215,253
Design	Twin Peaks Reservoir							
		Soft Costs	1,305,819	1,291,774		1,113,897	10,926	166,951
		Construction	1,480,061	1,480,061		68,455	1,411,606	0
		Project Contingency	119,571					0
		Subtotal	2,905,451	2,771,835	0	1,182,352	1,422,532	166,951
PLANNING	Pump Station No. 2							
		Soft Costs	9,510,082	4,027,309		2,026,858	316,806	1,683,645
		Construction	4,501,780	10,000,000		0	0	10,000,000
		Project Contingency						0
		Subtotal	14,011,862	14,027,309	0	2,026,858	316,806	11,683,645
Design	Pump Station No. 1							
		Soft Costs	3,453,628	3,168,291		2,238,430	148,620	781,241
		Construction	7,000,000	9,000,000				9,000,000
		Project Contingency						0
		Subtotal	10,453,628	12,168,291	0	2,238,430	148,620	9,781,241

**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 07/03/14								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
	FIREFIGHTING CISTERNS							
Design	Contract No. 1	Soft Costs	508,350	508,350		507,834	517	-1
		Construction	0	0		0	0	0
		Project Contingency						0
		Subtotal	508,350	508,350	0	507,834	517	-1
Design	Contract No. 2	Soft Costs	8,563,894	4,463,906		4,112,240	47,189	304,477
		Construction	25,975,051	17,000,000		4,513,756	8,674,364	3,811,880
		Project Contingency						0
		Subtotal	34,538,945	21,463,906	0	8,625,996	8,721,553	4,116,357
Design	Contract No. 3	Soft Costs	51,047	51,047		50,529	518	0
		Construction	0	0		0	0	0
		Project Contingency						0
		Subtotal	51,047	51,047	0	50,529	518	0
Design	Contract No. 4	Soft Costs	124,402	124,402		123,942	460	0
		Construction	0	0		0	0	0
		Project Contingency						0
		Subtotal	124,402	124,402	0	123,942	460	0
	FIREFIGHTING PIPES AND TUNNELS							
PRE-DESIGN	AWSS Modernization CIP Study	Soft Costs	2,971,152	2,971,152		2,638,204	246,060	86,888
		Construction	0	0		0	0	0
		Project Contingency	28,848					0
		Subtotal	3,000,000	2,971,152	0	2,638,204	246,060	86,888
PLANNING	Pipes/Tunnels (Projects 11 thru 19)	Soft Costs	6,340,775	2,453,443		1,026,272	145,219	1,281,952
		Construction	15,275,000	194,477		179,477	0	15,000
		Project Contingency						0
		Subtotal	21,615,775	2,647,920	0	1,205,749	145,219	1,296,952

Earthquake Safety & Emergency Response Bond Program Program Budget Report - Expenditures as of 07/03/14								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
PLANNING	Contract No. 2 Added to baseline budget above-->	Soft Costs		0		0	0	0
		Construction						0
		Project Contingency						0
		Subtotal	0	0	0	0	0	0
PLANNING	Contract No. 3 Added to baseline budget above-->	Soft Costs		0		0	0	0
		Construction						0
		Project Contingency						0
		Subtotal	0	0	0	0	0	0
PLANNING	CUW AWS 01	Soft Costs	300,286	1,650,740	0	48,980	0	1,601,760
		Construction	0	0				0
		Project Contingency						0
		Subtotal	300,286	1,650,740	0	48,980	0	1,601,760
AUXILIARY WATER SUPPLY SYSTEM (AWSS)		Soft Costs	39,568,750	25,886,402	0	17,906,050	990,350	6,990,002
		Construction	62,067,731	45,510,377		5,856,592	16,826,905	22,826,880
		Project Contingency	763,519	0	0	0	0	0
		Subtotal	102,400,000	71,396,779	0	23,762,642	17,817,255	29,816,882

ATTACHMENT 2 – TIMELINE AND SCHEDULE

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

June 30, 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	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.	
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	12/31/15																																					
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	03/01/12	12/31/15																																					
Current/Projected	589,000	03/01/12	12/31/15																																					
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	72,310,698	10/17/11	02/09/17																																					
Current/Approved	72,310,698	10/17/11	02/09/17																																					
Current/Projected	72,310,698	10/17/11	02/09/17																																					
Actual																																								

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

June 30, 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. 9/30/10	2nd Qtr. 12/31/10	3rd Qtr. 3/31/11	4th Qtr. 6/30/11	1st Qtr. 9/30/11	2nd Qtr. 12/31/11	3rd Qtr. 3/31/12	4th Qtr. 6/30/12	1st Qtr. 9/30/12	2nd Qtr. 12/31/12	3rd Qtr. 3/31/13	4th Qtr. 6/30/13	1st Qtr. 9/30/13	2nd Qtr. 12/31/13	3rd Qtr. 3/31/14	4th Qtr. 6/30/14	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				
PUBLIC UTILITIES COMMISSION / AUXILIARY WATER SUPPLY SYSTEM (AWSS)																																											
PRE-BOND PLANNING AND DEVELOPMENT																																											
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																																							
AWSS JONES STREET TANK																																											
Original/Baseline Budget	8,091,500	08/01/11	01/27/12					181,300	Planning																																		
		01/30/12	04/19/13					882,302				Design																															
		04/22/13	05/27/16													7,027,898				Construction																							
Current/Approved	8,091,500																																										
Current/Projected	8,091,500																																										
Actual																																											
AWSS ASHBURY HEIGHTS TANK																																											
Original/Baseline Budget	5,481,791	07/25/11	02/29/12					147,500	Planning																																		
		02/29/12	04/19/13					1,012,191				Design																															
		04/22/13	05/27/16																	4,322,100				Construction																			
Current/Approved	5,481,791																																										
Current/Projected	5,481,791																																										
Actual																																											
AWSS TWIN PEAKS RESERVOIR																																											
Original/Baseline Budget	2,905,451	06/01/11	01/27/12					203,600	Planning																																		
		01/30/12	04/19/13					732,247				Design																															
		04/22/13	05/27/16																	1,969,604				Construction																			
Current/Approved	2,905,451																																										
Current/Projected	2,905,451																																										
Actual																																											
AWSS PUMP STATION NO. 2																																											
Original/Baseline Budget	14,011,862	7/25/2011	9/25/2012					584,255	Planning																																		
		9/26/2012	4/8/2015									1,855,327				Design																											
		4/9/2015	9/26/2016																					11,572,280				Construction															
Current/Approved	14,011,862																																										
Current/Projected	14,011,862																																										
Actual																																											

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

June 30, 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	July 1, 2010 1st Qtr. 9/30/10	June 30, 2011 2nd Qtr. 12/31/10	3rd Qtr. 3/1/11	4th Qtr. 6/30/11	July 1, 2011 1st Qtr. 9/30/11	2nd Qtr. 12/31/11	3rd Qtr. 3/31/12	4th Qtr. 6/30/12	July 1, 2012 1st Qtr. 9/30/12	2nd Qtr. 12/31/12	3rd Qtr. 3/31/13	4th Qtr. 6/30/13	July 1, 2013 1st Qtr. 9/30/13	2nd Qtr. 12/31/13	3rd Qtr. 3/31/14	4th Qtr. 6/30/14	July 1, 2014 1st Qtr. 9/30/14	2nd Qtr. 12/31/14	3rd Qtr. 3/31/15	4th Qtr. 6/30/15	July 1, 2015 1st Qtr. 9/30/15	2nd Qtr. 12/31/15	3rd Qtr. 3/31/16	4th Qtr. 6/30/16	July 1, 2016 1st Qtr. 9/30/16	2nd Qtr. 12/31/16	3rd Qtr. 3/31/17	4th Qtr. 6/30/17	July 1, 2017 1st Qtr. 9/30/17	2nd Qtr. 12/31/17	3rd Qtr. 3/31/18	4th Qtr. 6/30/18	July 1, 2018 1st Qtr. 9/30/18	2nd Qtr. 12/31/18	3rd Qtr. 3/31/19	4th Qtr. 6/30/19					
BOND OVERSIGHT/ACCOUNTABILITY																																												
Original/Baseline Budget	6,900,000																																											
Current/Approved	6,900,000																																											
Current/Projected	6,900,000																																											
Actual																																												
<hr/>																																												
Cost of Issuance																																												
Original/Baseline Budget	6,900,000																																											
Current/Approved	6,900,000																																											
Current/Projected	6,900,000																																											
Actual																																												
<hr/>																																												
ESER TOTAL																																												
Original/Baseline Budget	412,300,000	10/01/10	09/26/18																	412,300,000																								
Current/Approved	426,332,604																																											
Current/Projected	426,332,604																																											
Actual	426,332,604																																											

- Legend:
- Programming/Schematic Design Phase/ Pre- Design
 - Design Development Phase
 - Construction and Construction Administration

Prepared by the Department of Public Works
Revised 07/02/14

ATTACHMENT 3 – CONTACT INFORMATION

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