



Earthquake Safety and Emergency Response Bond Program 2010 & 2014

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- Citizens' General Obligation Bond Oversight Committee
- Office of the Chief Medical Examiner
- San Francisco Police Department
- San Francisco Fire Department
- Public Utilities Commission

Submitted by
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Public Safety Building



Photo © Tim Griffith, 2015 Entry courtyard

Neighborhood Fire Stations



Station 35 Boathouse

Emergency Firefighting Water System



Amber Drive & Duncan Street Cistern

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

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Executive Summary

ESER 2010

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 **Emergency Firefighting Water System (EFWS)**. These components' particular projects are proceeding apace, hewing to stipulated schedules and budgets. Some projects confront unanticipated schedule impacts such as delayed DBI permitting and Civic Design Review approval. The impacts are managed to avoid as much as possible, the undue consequences to client department(s)' expressed needs and expectations. To date, there have been no upsets that would seriously compromise client department's expectations for the successful delivery of any project.

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

Public Safety Building

Public Works construction management staff continues to assist client users building engineers to operate and start of maintenance of building systems, and establish protocol for addressing warranty items. Punchlist work at building interior and sitework is expected to continue through Final Completion in October/ November 2015.

Mission Bay Development Group (MBDG) has completed roadway work on Mission Rock Street between Third Street and Terry Francois Blvd. The street will be open to public once sidewalk and other sitework is complete.

Project Cost, inclusive of all construction change orders to-date, is tracking within the total project budget of \$243M.

Neighborhood Fire Stations & Support Facilities

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

Station 16: The start of construction is anticipated to start Spring 2016, due to the permit appeals, and a partial redesign of the interior plans, as directed by the client department.

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Station 5: Response to the Request for Proposals for CM/GC were received July 31. Thompson Builders has been determined as the highest-ranked CM/GC proposer. Pre-construction service is anticipated to begin November 2015, to coincide with the start of the Construction Documents phase. Categorical Exemption, Class 2, was issued on July 1, 2015.

Station 35: The boathouse project is to occur within ESER 2014. Programming and review of regulatory requirements continued through this reporting period.

(Subsequent to Civil Service Commission approval in July, the RFQ for A/E and sub-consulting services for FS3 including maritime structural; MEP and Civil was advertised in September. Responses are due end of October.)

Comprehensive Projects: Station 36

Station 36: Project was successfully completed and SFFD reoccupied the station on November 19, 2014. The Fire Department requested two elements of work apart from the basic scope of FS36 – apparatus bay doors and rebuilt driveway/street. The driveway-sidewalk repair must be undertaken to avoid the damaging of the underside of fire apparatus. As a result, an impact to ADA standards for accessibility emerged that must be addressed to ensure proper path of travel. Design work has been rendered, and the installation of the apparatus bay doors and sidewalk replacement is pending SFMTA and Planning Department’s approval.

Focused Scope Projects

Focused Scope portfolio is organized into six packages. All roofing, mechanical, window, and exterior envelope work is complete. The shower package is nearing final completion while the generator package is in construction. Refer to the Neighborhood Fire Stations full report for further detail.

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Emergency Firefighting Water System (aka Auxiliary Water Supply System - AWSS)

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

Construction activities were substantially completed for Cisterns B (WD-2696) and Cisterns C (WD-2697) contracts. Construction continued for Cisterns D (WD-2745) contract. Notice-to-proceed was issued for Cisterns E (WD-2746) contract. Cisterns F (WD-2747) construction contract was advertised for bidding.

Planning and design work continued for pipeline and tunnel projects.

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Budget

To date, the ESER 2010 has received the proceeds of five bond sales totaling \$385,844,885 and has expended \$313,901,664 through September 2015. Out of the \$313,901,664, \$231,689,177 is for the PSB; \$29,265,474 is for the NFS; \$51,352,831 is for AWSS; and \$1,594,181 is for Bond Cost of Issuance, Bond oversight and accountability expenses. The expenditures are consistent with our spend-down forecast and are within budget. The breakdown of the proceeds received to-date is discussed in the [Budget, Funding and Expenditures](#) section of this report.

Our previous report forecasted \$84M at the cost of completion for the NFS portfolio of projects, which was \$20M above the ESER 2010 Bond Funds for \$64M. The cost increase is attributable to initial programming assumptions, market conditions, added scope, and unforeseen conditions. The specific projects driving the additional costs are Stations 5, 16 and 35. To mitigate these costs, Public Works preliminarily presented to the SFFD Chief of the Department the alternative to transfer Fire Boat Station 35 to the ESER 2014 NFS portfolio of projects. This transfer would free funds to address in whole both Stations 5 and 16 and provide additional funding for Focus Scope work scope. The Chief of the Department accepted this strategy and endorsed it to the SFFD Commission, who accepted her decision. A budget revision of ESER 2010 NFS projects will be completed within the next quarter and will reconcile the ESER 2010 budget to \$64M.

ESER 2014

In June 2014, 79% of the voters approved Proposition A - Earthquake Safety and Emergency Response Bond 2014 (ESER 2014) for \$400M. ESER 2014 will pay for repairs that will allow San Francisco to quickly respond to a major earthquake or disaster.

The ESER 2014 is comprised of five components: **Office of the Chief Medical Examiner (OCME)**; **Traffic Control & Forensic Services Division (FSD)**; **Neighborhood Fire Stations (NFS)**; **Emergency Firefighting Water System (SFPUC)**; and **Police Facilities (PF)**. SFPUC will manage the Emergency Firefighting Water System component and Public Works will manage the remaining components.

OCME Facility

KMD Architects completed the design on August 7, 2015. Conformance Set for construction is due on December 23, 2105.

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Clark Construction has finalized Trades' RFQ/RFP schedule and RFQ documents. All trade packages have been advertised. All trade packages have a pool of three or more pre-qualified subcontractors.

- The Driven Piles trade package bids were received on September 11, 2015 and the lowest responsible bid was within the budget.
- Bids for Packages #1 and #2 for (demolition, rough grading, structural steel, concrete, and methane barrier) were received on October 2, 2015. Methane barrier and structural steel trades were awarded (within the budget). Remaining trades are being evaluated for compliance with LBE requirements.)
- Package #3a bids (MEPS and laboratory equipment) are due on December 9, 2015.
- Package #3b bids (remaining trades) are due on December 15, 2015.

Construction start date is November 17, 2015.

The Department of Building Inspection (DBI) Permit strategy involves submission of three addenda to the already submitted site permit: demolition, structural, and the remaining design. Expedited and simultaneous review of the addenda by DBI is critical in maintaining the construction schedule timeline. Site permit was approved on August 6, 2015. Demolition and structural permits were approved on September 1 and September 22, 2015, respectively.

Vanir/Saylor, a Joint Venture Partnership, is providing supporting management services, mainly in the review of cost estimates, construction schedule, and other project related activities. The project is anticipated to achieve LEED Gold certification.

SFPD TC & FSD Facility

HOK was selected through a *qualifications based selection* process to provide design services. Design is expected to begin in October, starting with the Program Validation phase. NTP for CMSS consultants, Vanir/ CM Pros – JV, was issued on September 4. Public Works completed the site survey on August 17.

Neighborhood Fire Stations

The ESER 2014 NFS is comprised of three sub-components: Focused Scope, Comprehensive Scope and Seismic upgrade. After receipt of bond funding in October 2014, building assessment was proceeded to confirm high, priority, immediate scope needs per station. Upon SFFD approval, the NFS team moved forward with planning and design of these early focused scope projects while continuing building assessment and historical preservation evaluations. The early focused scope projects are organized into eight (8) packages including Apparatus Bay Door, Roofing, Exterior Envelope, Sidewalk, Shower, Emergency

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Generator, HVAC and Window. Refer to the Neighborhood Fire Stations full report for further detail.

Police Facilities

Evaluations and assessments undertaken of 12 police facilities - 9 district stations and 3 support facilities - pertaining to their existing conditions that include site, exterior building envelop, structural system, and MEP systems, were all completed. Their associated estimated cost of work was also completed. Similar to the approach taken for the NFS in regards to early Focus Scope projects, two design projects are currently underway to address ADA deficiencies as regards path of travel, at 10 stations. ADA Package 1, which includes barrier removal at Bayview, Mission, Tenderloin, Northern, and Central Station was approved by San Francisco Department of Building Inspection in September 2015; construction is anticipated to begin January 2016. ADA package 2, which includes barrier removal at Police Academy, Park, Ingleside, Richmond, and Taraval Stations is under design and this phase is scheduled to be completed by December of 2015.

Budget

The ESER 2014 budget is \$400,000,000 with an authorized appropriation \$100,173,463. The expenditures thru September 30 are \$33,884,346 of which \$9,772,888 is for the Office of the Chief Medical Examiner; \$18,399,484 is for the Traffic Control & Forensic Services Division; \$978,815 is for the Police Facilities; \$3,008,761 is for the Neighborhood Fire Stations; \$1,344,124 is for Emergency Firefighting Water System (EFWS); and \$380,274 is for Oversight, Accountability & Cost of Issuance.

The breakdown of the proceeds received is discussed in the [Budget, Funding and Expenditures](#) section of this report.

Other Information

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

Program Summary and Status

Public Safety Building

Substantial Completion – April 28, 2015



Photo © Tim Griffith, 2015

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

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

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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)* Police Investigations and associated property and evidence storage will remain at the Hall.

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

Project Status:

Construction Activities:

- Mission Bay Development Group has completed roadwork through Mission Rock Street to Terry Francois Blvd. Mission Rock Street will be open to public once sidewalk and other sitework is complete.
- Department of Technology connected the City fiber between PSB and CRS (critical radio site) on week of September 8.
- Subcontractor Punchlist work is ongoing through September.
- Start-up of the integrated building management system (IBMS) is expected to be complete in October.
- Emergency Radio Response Communication (ERRC) system installation is expected to be complete in October.

Project Schedule:

SUBSTANTIAL COMPLETION: April 28, 2015

FINAL COMPLETION: October/ November 2015

FIRST DAY OF BUSINESS of POLICE/ FIRE STATIONS: March 30, 2015

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FIRST DAY OF BUSINESS of POLICE HQ: April 13, 2015

BUILDING INAUGURATION: April 16, 2015

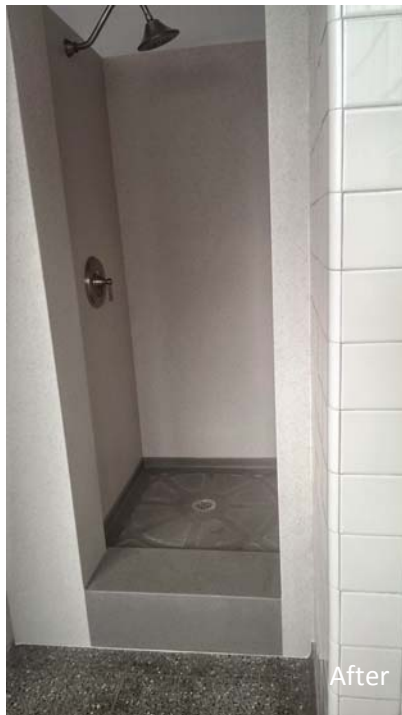
Project Budget: Project Cost, inclusive of all change orders to date, is tracking within the Total Project Budget of \$243M. Refer to the [Attachment 1 – Program Budget Report](#) for further detail.

Neighborhood Fire Stations (ESER 2010)

7432A Showers – Package 3 Station 38



7432A Showers – Package 3 Station 41



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7432A Showers – Package 3 Station 26



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

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

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

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

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

The ESER 2010 bond program is anticipated to complete improvements to 16 of the 42 neighborhood fire stations, 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 Public Works 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, and accepted by, the SF Fire Commission on April 26, 2012.

Seismic Projects: Stations 16 and 5

Station 16:

Design services are being provided by Public Works BDC/IDC.

The site permit was received on February 20, 2015. Appeals to the Site Permit and CEQA determination were denied in May and June. Design team continues to develop design to incorporate SFFD-directed changes, and expects to submit building permit addendum in October.

As a result of these appeals and a partial redesign of the interior layout, as directed by the Fire Department, the scheduled start of construction is delayed. Request for Proposals, issued to prequalified general contractors in March, has been canceled, and anticipated to be reissued in Spring 2016. The forecast cost at completion reflects an increase in construction and design

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costs of 22%. A budget revision to increase the budget is in progress. Refer to Appendix 2 – Time and Schedule.

Station 5:

Outreach to elected officials and community groups began in 2014 with a presentation to District 5 Supervisor London Breed on January 13 and a follow up presentation on April 17.

Civic Design Review Phase II approval was granted on April 20, contingent upon consideration of an alternate height of curtainwall and options for exterior cladding materials.

Categorical Exemption, Class 2, was issued on July 1, 2015.

Response to the Request for Proposals for CM/GC were received July 31. Thompson Builders has been determined as the highest-ranked CM/GC proposer. Pre-construction service is anticipated to begin November 2015 to coincide with start of construction documents.

The forecast cost at completion reflects an increase in construction and design costs of 32%. A budget revision to increase the budget is in progress. Refer to Appendix 2 – Time and Schedule.

Fire Boat Station 35: (See ESER 2014 this report)

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

Equipment Logistics Center (ELC):

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

SFFD requested Public Works to prepare a program analysis and cost estimate for the EMS for consideration in proposed the 2016 SFDPH bond. The analysis is ongoing as SFFD considers alternate sites for best accommodation of its operations.

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Comprehensive Project: Station 36

Design services are being provided by Paulett Taggart Architects through Public Works-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. Commissioning consultant Enovity, contracted through PUC, is reviewing all installation, testing, and start up activities to confirm requirements are met.

SFFD reoccupied the station on November 19, 2014.

SFFD directed the team to add new Apparatus Bay doors to the project funded by savings on Focused Scope projects. This is a long lead item and delivery date is to be confirmed, but anticipated Fall 2015, post occupancy. The apron and sidewalk design in front of the station was determined to require modification to accommodate both accessibility requirements and SFFD equipment clearances needed. The resulting work in the sidewalk and street will require multiple additional approvals and permits. Start of work to install apparatus bay doors and modification of sidewalk and street apron are pursuant to approval by SFMTA and Planning.

The forecast cost at completion reflects an increase in construction and design costs of 14%. A budget revision to increase the budget is in progress. Refer to Appendix 2 – Time and Schedule.

Focused Scope Projects

Design services are being provided by Public Works BDC/IDC. Four (4) of the five (5) emergency generators are designed by GHD (an as-needed electrical engineering consultant.)

The cost at completion reflects a savings of 11% which is being used to offset the costs for Station 36 and it supplements the Program-wide reserve by 52%. A budget revision to reflect these changes is in progress.

Roofs – 15 Stations

Summary: The scope consists of installing new roofing systems and upgrading exhaust fans on fifteen (15) stations. 2011 Package (Stations 6, 38, 41 and 42), Package 1 (Station 28); Package 2 – 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.

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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 Public Works public bidding process to a B or C33 license contractors due to the complexity of scope at these stations.

Detail: All work is complete.

Emergency Generator Replacement – 5 Stations

Summary:

Stations 6, 15, 12, 17, and 21 are scheduled to receive new Emergency Generators (EGs). Stations 6, 12, 15, and 21 are complete; Station 17 is 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 to August, pending resolution with PG&E. The new generator's engine failed and was replaced by the manufacturer on September 15. The tank size will be enlarged to properly accommodate the required 72 hour back up period. JOC contractor Nicole's Work pricing for the new tank is delayed. Proposal was provided in December. The new tank is a long lead item, 8-10 weeks minimum. Contractor attempted to take out the construction permit with DBI. DBI plan check reviewers requested changes and explanation re: the run time and load calculations, vent connection and structural details at the concrete base from Public Works IDC designers. This continues to further delay the work. Manufacture and Public Works IDC provided and confirmed information to address DBI comments on June 24. Contractor obtained the DBI permit on August 5, but delayed the submission of the revised proposal until September. Contractor is in the process of providing the supplemental task order/work plan/schedule for review and approval prior to resume of work, tentatively before end of October, and anticipates to complete work before end of November.

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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, and 41 were bid out under one package. Wickman Development and Construction was the awarded contractor – NTP was issued on July 7, 2014.

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 was issued to Wickman on July 7. Preconstruction phase for measurement and ordering of material was extended to September 19. Construction is scheduled to begin on October 14 at Station 40. SFFD removed Station 18 from scope. Construction continued and the schedule had been extended by material delivery delay. The latest approved revised schedule indicates substantial completion by September 16, 2015, and final completion by October 16, 2015, followed by project closeout.

Stations 13, 26, 38, 40 & 41 are substantially completed as of end of September. Contractor is currently scheduling a punchlist backcheck for Stations 13 & 38 for October 2015.

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. All work is now complete.

Detail: All work is complete.

Window Repair (BBR) - 12 stations

Summary: BBR was selected to perform this work.

Detail: This work is complete.

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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.)

Project Budget:

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

Neighborhood Fire Stations (ESER 2014)

Street and Sidewalk – Package 1 Station 13



Before



After

Window – Package 1 Station 9, 19, 25 & 29



Station 9



Station 25

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Station 19



Station 29

Projects' Description:

The ESER 2014 bond program is anticipated to continue the work of ESER 2010 bond, categorizing projects according to the three categories of Focused Scope, Comprehensive, and Seismic. The ESER 2014 bond program will continue to address identified and prioritized needs at Fire Stations that were previously not addressed under the 2010 program.. Significant construction projects will be completed at all SFFD Fire Stations at the conclusion of the 2010 and 2014 bond programs.

Project Status:

20 stations were assessed in first quarter 2015 to confirm scope needs per station. Cost estimation has been provided by consultant Saylor and Associates in second quarter 2015. SFFD endorsement of the ESER 2014 NFS program, i.e., scopes of work approved at each station is anticipated in the fourth quarter 2015. The preliminary recommended portfolio of project for ESER 2014 NFS was presented to the SFFD on September 30, 2015. SFFD asked that the proposed project be presented within the context of the entire scope of work anticipated for all facilities. It was suggested to revise the format presented for the ESER 2010 bond portfolio for consistency.

As-needed consultant Page and Turnbull, the expert Historic resource architect, performed historic evaluation assessments in April and compiled a historic evaluation draft report to Public Works for review and comment in September. Page and Turnbull will incorporate the city comments and forward the revised report to DBI Planning in October for an initial review and approval.

After receipt of bond funding in October 2014, the NFS team moved forward with planning of initial (i.e. prior to the identification of the entire portfolio) Focused Scope projects: first apparatus bay doors, roof replacements, shower renovation, exterior envelope, windows,

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sidewalk, emergency generator, and mechanical projects. Design began in January as scheduled. In the second quarter, the first array of projects were advertised or assigned to SFPW Bureau of Building Repair to provide pricing for review prior to commencement of work *Early Focused Scope Projects*

Design services are being provided by Public Works BDC (architecture) /IDC (engineering). As-needed engineering consultant GHD is working on the generator projects as well as on the Station 3 mechanical and emergency generator.

Apparatus Bay Doors

Package 1 (3 stations: To be determined):

Project was placed on hold per SFFD direction in May and was asked to resume to work in June. It was determined to be a Design build project. Public Works will provide performance level drawings and specifications including floor plan, section and typical details for bid package, and provide construction management during construction phase. Most probable stations per initial site studies are Stations 9, 10 & 15 (to be confirmed after review of design package in the first quarter of 2016).

Roofing

Package 1 (Station 3 - a combined package including roofing, HVAC and generator scopes):

The first bid opening was scheduled for July 22. All bids received were above the contract estimate, and the lowest bid was found to have a significant clerical error, leading the contractor to request relief of bid. Project Manager and Contract Administration recommended rejection and re-advertisement of all bids for Contract No. 9662A-1. The rebids received in August were all above the latest contract estimate. The low bid was found to be disqualified to rebid on the same project since they withdrew from the first bid due to clerical error. The second lowest bid had a protest filed against them for non-compliance with the LBE subcontracting goal and requirements. The third lowest bid came in over 23% higher than the estimated cost. Project Manager and Contract Administration recommended rejection and re-advertisement of all bids. Three bids were received in second round of rebids in September where Centric Construction was the apparent lowest bidder. No protest was filed – award and certification underway.

Package 2 (Station 40):

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Due to the appearance of water infiltration, BDC has been directed by the SFFD to assemble a package for bid ASAP, while Stations 43 and 49 as discussed will be put together as a separate package.

Package 3 (Stations 7 & 9):

Package is on hold until further clarification and investigation per SFFD's direction.

Package 4 (Stations 3 & 17 immediate repair):

Due to unexpected rain in September, a roof patch was called for to immediately seal and prevent further water infiltration. The comprehensive Station 3 Roof/HVAC/Generator project that would address this and other deficiencies is not imminent. Informal contractor under \$10,000 is in process to provide the patch repair; anticipated NTP is to occur by end of October.

Package 5 (Stations 43 & 49):

Planning has started; anticipated to advertise the package in February 2016, approved by SFFD.

Shower

Package 1 (Stations 13, 20, 22 & 34):

Project was advertised in June 3 with bid opening in June 24. R&S Construction was the apparent lowest bidder. FS 17 will be added to the shower scope (5 showers total) per SFFD direction. SFPW BDC will prepare proposal and provide drawings to determine whether or not FS 17 would be a change order added to the current package, or processed as a separate package performed by BBR or General Contractor. Package 1 has scheduled an NTP, Pre-Conference, and Partnering Kickoff Meeting for October 7. Per contract, the project will reach substantial completion in 156 days by March 2016.

Windows

Package 1 (Stations 9, 19, 25, & 29)

BBR is completing the last station, FS 25, in this package approximately one week ahead of schedule by mid October. After Package 1 is complete, BBR will move onto Package 4 to

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repair windows at FS 8, 20 & 21, approved by SFFD in September. BBR is currently putting together a work plan/schedule for review and approval prior to commencement of work. FS 24 is determined to be a bundled package combining window and exterior envelope repair together - details to be confirmed.

Package 2 (Station 7 Training Tower):

SFFD confirmed the repair of FS 7 Training Tower using SFFD maintenance (funding under \$10,000). No additional DPW involvement at this time.

Package 3 (Station 25):

FS 25 of Package 3 has moved to Package 1, and as indicated above, Package 1 will be complete by mid-October per BBR.

Package 4 (Stations 8, 20 & 21):

Per meeting on September 28, SFFD directed to start this package as soon as Package 1 is complete. BBR is currently putting together a work plan/schedule for review and approval prior to start of work.

Exterior Envelope

Package 1 (Stations 8, 23 & 29):

Site walks scheduled in April and May. FS 8, 23 and 29 quotes were provided to SFFD on 8/31 to review and approve prior to commencement of work. SFFD has indicated they will pursue package 3 first with no timeline for approval of package 1 which is primarily exterior painting project by BBR. DPW Design Team documented existing conditions in design drawings; solicited BBR cost estimate; and proposed colors to SFFD. Per meeting on September 28, BDC was instructed by SFFD to resume design work in January 2016 with NTP anticipation in March 2016.

Package 2 (FS 24 & 34):

Site walk with BBR was scheduled on May 28 (Station 24), and June 11 (Station 34). BBR provided pricings to BDC for review on July 17. Comments were returned to BBR, but due to the complexity of the project involving masonry and steel repair, and the fact that these two fire stations are considered historical buildings, it was determined that BBR will not perform any work at these sites. As a result, this package will go thru the public bid process. Design work is scheduled to begin in Fall/Winter 2015 and advertise in the first quarter of 2016. This plan was approved by SFFD on September 28.

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Package 3 (FS 11 & 20):

Site walk was held on May 28, 2015. Public Works BDC provided survey notes and drawings to BBR for review and comment prior to pricing. SFFD approved the schemes and quotes in September and instructed to start work at these sites. NTP is anticipated in October, as BBR is currently putting together a work plan and schedule for review prior to start of work. Meanwhile, BDC PM is preparing Project Outreach to provide notification to the public about upcoming work. Real Estate is assisting on writing up the permit entry to allow BBR to access the neighbor's property, such as patio or driveway if needed, to set up scaffolding and perform exterior repair work at these fire houses.

Mechanical

Package 1 (Stations 8, 9, 14, 20 & 41):

Per meeting on August 6, Public Works received approval to proceed with FS 8, 9, 14, 20 & 41 as the first mechanical package. Public Works is putting together an initial project scope of the first mechanical package for Job Order Contract –JOC- Contractor to review and start pricing. JOC Manager is planning a joint meeting in October with Public Works and JOC Contractor to walk through the sites and discuss the work scope in detail.

Package 2 (Station 49)

This will be a one-station package that will combine the roof and mechanical upgrades.

Sidewalk

Package 1 (Station 13):

The street and sidewalk replacement at FS 13 was declared as an urgent repair on July 10 due to a serious vehicle bottoming-out situation of the fire truck. Project Team met on site on July 15 to discuss the immediate interim solution. IDC Street and Highway provided the design, IDC Geotechnical provided the settlement observation and compaction inspection, and BSSR (Bureau of Street and Sewer Repair) provided the construction support to execute the work on site. On July 25, 2015 the interim fix was in place. Project Team regrouped in August to discuss the long term solution. Per SFFD direction in September, no long term/permanent solution is requested at the moment - no further action with Public Works.

Package 2 (Station 31):

The scope is to remove the brick in the affected area, remove/replace/re-compact the sub-grade, install a structural concrete mat on the re-compacted soil, and re-install with brick to

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

match surrounding. Two options were presented to SFFD, and in September, Option Two was approved by SFFD. BSSR is preparing the work plan, schedule, and brick sample best matching the existing condition for review and approval prior to start of work. Work is anticipated to start and complete work in fourth quarter 2015.

Fire Station 35

Design services are being provided by Public Works BDC/IDC (Structural) with the engineering service to be provided by private sector consulting.

SFFD directed Public Works to resume project planning at the existing Station 35, Pier 22 ½ location upon parting company with the Warriors planned arena at Piers 30/32 in mid-2014. Programming and review of regulatory requirements with SF Port and Maritime expert architect Mary McGrath Architects continued through this reporting period, to establish a project description sufficient for environmental review study and initiate conceptual design.

Subsequent to Civil Service Commission approval in July, the RFQ for A/E and sub-consulting services including maritime structural, MEP and Civil was advertised in September. Responses are due end of October 2015.

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Emergency Firefighting Water System



Dorchester Way & Ulloa Street cistern



Jones Street Tank, new piping and walkway



Pumping Station 1, new ventilation equipment with new engine exhausts in background

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Program Description: The Earthquake Safety and Emergency Response Bonds will seismically improve the Auxiliary Water Supply System (AWSS) cisterns, pipelines, tunnels, and physical plant. Flexible Water Supply System (FWSS) components will be procured and implemented.

Program Background: The Emergency Firefighting Water System delivers AWSS high-pressure water and cistern water storage for fire suppression in several areas of the City. FWSS hose and pump components will provide above-ground water distribution for fire suppression, primarily in areas not directly served by AWSS. The Emergency Firefighting Water System is vital for protecting against the loss of life, homes, and businesses from fire following an earthquake. It is also used for the suppression of non-earthquake multiple-alarm fires.

Status:

Planning and Design

1. 19th Avenue Pipeline – Install new 20” AWSS pipe on 19th Avenue from Irving Street to Kirkham Street, replacing the existing 12” pipe. Construct pipe crossings under 19th Avenue at four locations for the FWSS. This project will be constructed as part of Public Works’ 19th Avenue project. Design completion 5/2016.
2. Ashbury Bypass Pipeline – Install new 20” AWSS pipe near Ashbury Heights Tank to allow Twin Peaks Reservoir to connect with the lower (Ashbury and Jones Street) pressure zones without using the Ashbury Tank valve house devices, which would be needed if the valve house is inoperable due to damage. Schedule pending.
3. Clarendon Supply – Provide a new AWSS water supply near the crest of Clarendon Avenue (approximately 500’ northwest of Sutro Tower). Design completion 6/2016.
4. Facilities Assessments – Assess tunnels and structures to guide future repairs and improvements. Planning completion 12/2015.
5. Fireboat Manifolds – Renovate the fireboat manifolds and piping at Piers 1 (Fort Mason) and 33 (The Embarcadero), and relocate the manifold at Fort Mason. Design completion 5/2016.
6. Irving Street Pipeline – Install new 20” AWSS pipe on Irving Street from 7th Street to 19th Street, replacing most of the existing 12” pipe. This project will be constructed as part of Public Works’ Irving Street project. Design completion 11/2015.
7. Lake Merced FWSS and AWSS Pipeline – Install new 20” AWSS pipe from Lake Merced Pump Station across Lake Merced Boulevard to the intersection of Vidal Drive and Higuera Avenue. Modify lake-pump discharge piping. Procure pump and hose equipment. This project is being performed in conjunction with the Parkmerced development project. Schedule pending.
8. McLaren Park Tank FWSS – Procure pump and hose equipment, modify tank discharge piping, and install below-ground street crossings on major routes to

Earthquake Safety and Emergency Response Bond Program

(ESER 2010 & 2014)

- provide fire suppression water distribution capability from McLaren Park Tank. Schedule pending.
9. Pipeline Investigation and Remediation – Assess the 135-mile AWSS pipeline network condition using field investigations and probabilistic analysis. Recommend a long-term pipeline repair, replacement, and abandonment capital plan. Planning completion 2017.
 10. Pumping Station 2 – Improve the seismic performance of the building structure. Design completion 12/2015.
 11. Street Valve Motorization – Motorize Street valves on AWSS pipelines for better water flow control. Design completion 10/2015.
 12. Sunset Reservoir FWSS – Procure pump and hose equipment, modify reservoir discharge piping, and install below-grade street crossings on major routes to provide fire suppression water distribution capability from Sunset Reservoir. Schedule pending.
 13. University Mound Pipeline – Install new 20” AWSS pipe from the University Mound Reservoir to the existing 20” AWSS pipe on Third Street in the vicinity of Jamestown Avenue. Schedule pending.

Construction

1. Ashbury Heights Tank – Install new tank and piping. Substantially complete.
2. Candlestick Point Pipeline on Carroll Avenue – Install new 20” AWSS pipe on Carroll Avenue from Ingalls Street to Hawes Street. This project is being performed in conjunction with the Candlestick Point development project and will be constructed as part of Public Works’ Potrero Streetscape project starting in late 2015.
3. Cisterns – see following table.
4. Columbus/Green Pipeline – Replace existing AWSS pipe with new AWSS pipe in the intersection of Columbus Avenue and Green Street to alleviate an existing sewer conflict. This work will be constructed as part of Public Works’ Columbus Avenue project starting in early 2016.
5. Control System – Improve the AWSS control and telecommunications systems. Services are being procured to implement hardware and software improvements. Schedule pending.
6. Jones Street Tank – Install new tank foundation and piping. Completion 11/2015.
7. Jones Street Tank Valve Motorization – Motorize valves to control flow between pressure zones. Completion 11/2015.
8. Pumping Station 1 – Install new diesel engines for seawater pumps. Completion 5/2016.
9. Pumping Station 1 Tunnel – Improve the seismic performance of the Pumping Station 1 seawater tunnel by installing resilient inserts and repairing minor concrete spalling and exposed reinforcing steel. Some of the planned improvements need to

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wait until obstructing piles are removed from the mouth of the tunnel; otherwise, completion 2017.

10. Twin Peaks Reservoir – Repair concrete and install new piping. Completion 11/2015.

11. Twin Peaks Reservoir Concrete-Joint Sealing – Install sealant on concrete joints to reduce water leakage. Substantially complete.

Completed

1. Cisterns A – Contract WD-2695 accepted 2/24/2015. Final contract amount \$3,913,761.

Cisterns

Cisterns B and C contracts were substantially completed and will be omitted in future versions of this report. Construction continued for Cisterns D contract. Notice-to-proceed was issued for Cisterns E contract. Cisterns F contract was advertised for bidding. Seventeen of the thirty planned cisterns have been constructed.

Contract	#	Location	Bidding	Construction Pending	Constructing	Completed	Contract Schedule
Cisterns B (WD-2696)	1	Cashmere St., Hudson Ave.				✓	Substantially Complete
	2	Colby St., Silver Ave.				✓	
	3	Geneva Ave., Moscow St.				✓	
	4	Geneva Ave., Paris St.				✓	
	5	Holyoke St., Silliman St.				✓	
Cisterns C (WD-2697)	1	18th Ave., Ulloa St.				✓	Substantially Complete
	2	21st Ave., Ocean Ave.				✓	
	3	Funston Ave., Geary Blvd.				✓	
	4	St. Elmo Way, Yerba Buena Ave.				✓	
	5	St. Francis Blvd., San Buenaventura Way				✓	

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Contract	#	Location	Bidding	Construction Pending	Constructing	Completed	Contract Schedule
Cisterns D (WD-2745)	1	Amber Dr., Duncan St.			✓		Substantial Completion March 2016
	2	Casitas Ave., Lansdale Ave.			✓		
	3	Diamond Heights Blvd., Duncan St.			✓		
	4	Dorchester Way, Ulloa St.			✓		
	5	Folsom St., Ripley St.				✓	
Cisterns E (WD-2746)	1	16th Ave., Vicente St.		✓			Substantial Completion November 2016
	2	17th Ave., Pacheco St.		✓			
	3	18th Ave., Moraga St.		✓			
	4	18th Ave., Santiago St.		✓			
	5	Laguna Honda Hospital		✓			
Cisterns F (WD-2747)	1	5th Ave., Cabrillo St.	✓				Substantial Completion March 2017
	2	6th Ave., California St.	✓				
	3	30th Ave., Lake St.	✓				
	4	Apollo St., Williams Ave.	✓				

Project Schedule:

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

Project Budget:

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

Office of the Chief Medical Examiner (OCME)

(ESER 2014)



Project Description: The \$65M project will relocate Office of the Chief Medical Examiner (OCME) to One Newhall Street in the India Basin Industrial Park. The new facility will house about 50 employees who are organized into the four units of the OCME: Field Investigations, Medical/Autopsy, Laboratory, and Administration.

One Newhall Street is an existing 28,000 gsf industrial warehouse which will be renovated to add a second floor within the existing footprint of the building resulting in a seismically safe 46,000 gsf facility.

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

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

Project Status: Early site plan application permit was submitted on June 26, 2014 in order to comply with the 2010 Energy Code rather than with the updated 2013 Code, which would significantly impact the construction budget and schedule.

The Planning Department, DBI, SFPUC have accepted the City's project manager's recommendation to proceed with the demolition of the existing concrete tilt-up panels and foundations due to the negative cost and schedule impacts associated with providing bracing, shoring, and underpinning of the existing concrete tilt-up panels and foundations. One panel at the East elevation is going to be saved in order to maintain the major renovation classification. The footprint of the building will remain the same and no square footage is going to be added or subtracted. Existing walls will be replaced with new stucco walls. The re-design will save approximately \$1.6M in construction cost and five to six months in construction schedule.

The selected architect, KMD, submitted 95% CD set on August 7, 2015. Conformance Set is due on December 23, 2015. The City decided to implement an incremental submittal of permit packages strategy in order to shorten DBI's permit review durations. The permit packaging and DBI review strategy entailed three addenda:

- #1 – Revised demolition submitted on April 21, 2015 and approved on September 1, 2015,
- #2 - Structural submitted on June 9, 2015 and approved on September 22, 2015, and
- #3 – Remaining design submitted on August 7, 2015; approval requested by November 23, 2015.

The Site permit was received on August 6, 2015. CM/GC, Clark Construction, continues to provide Value Engineering (VE) recommendations in order to keep the project within the budget. Clark has also submitted constructability reviews and updated CPM construction schedule. RFQ/ RFP process for trade contracts has started in August 2015. Bidders'

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prequalification process has been finalized. Three or more qualified bidders per trade were selected.

Bidding Packages are as follows:

- Driven Piles – awarded (within the budget).
- Demo Package – bids due on October 2, 2015
- Structural Package – bids due on October 2, 2105
- MEPs and Lab Equipment – bids due on December 9, 2015
- Remaining Trade Packages – bids due on December 15, 2015

KMD Architects completed QA/QC process and submitted Addendum #3 (remaining design) and Addendum #5 (additional scope) to DBI on August 7 and September 9, 2015, respectively.

CMSS, Vanir/Saylor, JV, has been providing numerous services including, but not limited to, cost estimates' reconciliation, review of design and construction schedules, participation in OAC meetings, review and analysis of budget, drawings, FF&E list, etc.

Civic Design Review Committee (CDRC) approved revised design presented by the project's team during the Post-Phase 3 presentation conducted on July 20, 2015.

On May 7, 2015 OCME submitted a Modifications List comprising of VE'd items as well as a few new items to be included in the base budget/design and additional funds to be allocated to increase FCBL. On June 2, 2015 the Client added Add Alternates to the Modifications List to be included in the base budget/design. The items were evaluated by the project team for costs and schedule impacts. The impact report was finalized on June 24, 2015. The estimate received from Saylor Consultants for 95% CD set on July 9, 2015 is within the FCBL. The team has received formal authorization to proceed with the implementation of the additional scope of work. Awaiting transfer of funds.

LEED Gold is the mandatory goal for this project (minimum 60 points required to be awarded the Gold certification). Project was registered with USGBC on April 9, 2014. Updated LEED scorecard dated July 23, 2015 lists 64 points under "yes" and 4 points are under "maybe" category.

Traffic Control & Forensic Services Division (ESER 2014)

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

The project is being developed to support 131 employees for 2020 FSD demand within 89,000 gsf and allows for a potential future expansion if required. The SFPD – TC will support 104 employees for 2020 demand within 20,000 gsf.

Project Background: The SFPD Traffic Company is currently located at the Hall of Justice (HOJ) at 850 Bryant Street. The SFPD FSD is currently located at two facilities. The FSD Administration, Crime Scene Investigations, and Identification units, with approximately 60 employees, are housed at HOJ. The FSD Crime Lab, with approximately 25 employees, is housed at Building 606 in the Hunters Point Shipyard.

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

The Hunters Point Shipyard is being transferred from the U.S. Navy to the City. The City plans to develop the Shipyard as a residential area. The area in which Building 606 is located is planned to be public open space as an amenity for nearby residences. Prior to the transfer of the property, the Navy is obligated to remove and mitigate hazardous materials in the soil. To fulfill that obligation, the Navy may have to demolish Building 606. Due to the current macro-economic uncertainties, the schedule for completing the site clean-up and creating the open space in support of the housing development is uncertain, but may occur in 2020.

Project Status:

Escrow on the site acquisition closed in February 2015. Discussion of CalTrans parcel and adjacent rail line underway for use as surface parking lot. Site survey work was completed in August 2015.

Contract negotiation with the selected A/E team, HOK, is in progress, and is anticipated to start with program validation in October 2015. Notice to Proceed for Construction Management Support Services (CMSS) Consultant, Vanir/ Saylor –JV, was issued on September 4, 2015.

Police Facilities

Projects' Description:

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

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

Projects' Status

12 different police facilities were assessed for their conditions under the categories that include exterior envelope, site, and accessibility compliance from curb to public service counter, mechanical / electrical / plumbing / fire protection systems, and seismic resistance capability. An array of projects for the entire ESER 2014 Police Facilities program has been preliminarily defined and presented to the Police Chief and his Command staff on 9/3/2015 for endorsement. Two ADA upgrade projects are currently under design (see below). A number of other projects will follow, these will be executed as either focused scope projects or comprehensive facility upgrade projects.

ADA Package 1

The project addresses accessibility issues at the following stations: Bayview, Mission, Tenderloin, Central, and Northern. Design drawings are completed and approved over-the-counter by San Francisco Department of Building Inspection (SFDBI) on 9/28/2015.

Anticipated start of project advertisement is October 2015; construction is expected to begin January 2016 and continue onto the 2nd quarter of 2016.

ADA Package 2

The project addresses accessibility issues at the following stations: Richmond, Taraval, Ingleside, Park, and the Police Academy. DPW-BDC staff is currently working on developing

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50% design drawings. This project is slated to be advertised and awarded in the 1st quarter of 2016; construction will likely occur from 2nd to 3rd quarter of 2016.

Other Status Updates

Page and Turnbull was hired to conduct historic evaluation of all 12 police facilities. Site visits were completed late July, the final HRE (Historic Resource Evaluation) report is expected early October of this year.

All 12 facilities will require some degree of hazardous material abatement during construction. DPW is in the process of soliciting quotes from hazmat consultants to begin the investigation and testing process. A proposal was received in August, hazmat investigation is expected to begin 4th quarter of 2015 at all facilities.

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Budget, Funding and Expenditures

ESER 2010

Budget and Funding

The budget for the ESER 2010 Bond Program is \$412,300,000. There are four 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. This funding source will move under the ESER 2014 once a formal budget revision is executed. (2) An additional \$38,696 was allocated to the Neighborhood Fire Stations to fund Station 35 Slab Repair project, a non-ESER related 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. (4) The Public Safety Building received \$6,354,478 from the Mission Bay Developer to contribute towards the construction of the Police and Fire Facilities and for reimbursement of construction work performed by the City. At the same time, the \$2,338,024 from ESER 2010 funds were placed on Controller's Reserve. The combined budget is \$432,687,083 with an appropriation of \$406,231,969. The following is a summary of the budget and appropriation by component:

ESER 2010 Components	Budget	Appropriation
Public Safety Building	236,661,976	236,661,978
Neighborhood Fire Stations (NFS)	64,000,000	42,101,499
Auxiliary Water Supply System (AWSS)	102,400,000	102,400,001
Oversight, Accountability & Cost of Issuance	6,900,000	2,357,559
Controller's Reserve	2,338,024	2,323,847
Total (CESER1)	412,300,000	385,844,884
Fire Facility Bond Funds		
7424A Fire Boat/ Fire Station No. 35	7,151,723	7,151,723
7433A Fire Boat/Fire Station No. 35 Slab Repair (CFC918 000298)	398,277	398,277
7433A Fire Boat/Fire Station No. 35 Slab Repair (CFC918 000298)	38,696	38,696
7444A Fire Station 44	722,000	722,000
Total (CFCBLDFD)	8,310,696	8,310,696
Public Safety Building FF&E		
7410A Public Safety Building	5,721,909	5,721,909
Total (1GAGFACP)	5,721,909	5,721,909
Public Safety Building Developer Contribution Ordinance 60-15		
Developer Construction Contribution	6,238,024	6,238,024
Developer Construction Reimbursement	116,454	116,454
Total (3CXCF PVT)	6,354,478	6,354,478
Combined Total (ESER2010+Fire Facility Funds+7410A FF&E+PVT)	432,687,083	406,231,967

Earthquake Safety and Emergency Response Bond Program

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The budget and appropriation for PSB is \$248,738,363 and it is funded by three funding sources:

1. ESER 2010: \$236,661,976. Under Ordinance 60-15 the appropriation was reduced by \$2,338,024 from \$239,000,000 to \$236,661,978. The \$2,338,024 was placed on Controller's reserve pending future reallocation to an alternate ESER 2010 component.
2. General Fund: \$5,721,909 for future, fixtures and equipment.
3. Private Funds, Ordinance 60-15: \$6,354,478 for developer contribution and reimbursement for construction costs

The current appropriation is shown in detail under Attachment 1 – Program Budget Report.

The budget for NFS is \$72,310,696 and it is funded by three funding sources:

1. ESER 2010: \$64,000,000. The appropriation of \$42,114,353 reflects the proceeds of the first, second, fourth and fifth bond sales and is shown in detail under Attachment 1 – Program Budget Report. Additional bond sale(s) totaling \$21,869,889 would be necessary to complete the funding for NFS.
2. Fire Facility Bond Funds: \$8,272,000. Per the Annual Appropriation Ordinance FY 12/13 (AAO 164-12), the Fire Department received authorization to appropriate \$8,272,000 to supplement Station 35 Fire Boat, a project under Neighborhood Fire Stations component, and two non-ESER related projects. The amount for Station 35 is \$7,151,723 and will be moved under the ESER 2014 once a budget revision is executed.
3. General fund: \$38,695.72 was used to supplement change orders for a non-ESER related project, the Station 35 slab repair.

The budget revision will reflect that \$7, 151,723 will accompany Station 35 to ESER 2014. The revised budget will completed in final quarter 2015.

The budget and appropriation for AWSS is \$102,400,000. The appropriation reflects the proceeds of the first, third, fourth and fifth bond sales and is shown in detail under Attachment 1 – Program Budget Report.

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 \$2,357,559 reflects the proceeds of the five bond sales and is shown in detail under Attachment 1 – Program Budget Report.

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

Expenditures and Encumbrances

The ESER 2010 expenditures and encumbrances through September 30, 2015 are \$313,901,664 and \$24,445,597 respectively. The combined totals represent 88% of the appropriation of and 82% of the budget.

The expenditures for the Fire Facility Bond Funds through September 30, 2015 are \$996,438 which represent 12% of the appropriation and budget.

The total expenditures for the PSB FF&E are \$3,010,619 and encumbrance is \$860,890 which represents 68% of the appropriation and the budget.

The Public Safety Building Developer Contribution (Ordinance 60-15)
Total encumbrance is \$2,970,758 and no expenditures have posted to-date. The encumbrance represents 47% of the appropriation.

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

Earthquake Safety and Emergency Response Bond Program

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ESER 2014

The ESER 2014 budget is \$400,000,000. The total approved appropriation is \$100,173,463. The following is a summary of the budget and appropriation per component:

Components/Projects	Bond Report Budget	Operating Budget	First Bond Sale Amount	Future Bond Sale(s)
9000A Office of Chief Medical Examiner (OCME)	\$65,000,000	\$63,895,000	\$34,142,621	\$29,752,379
9100A Traffic Control & Forensic Services Division (FSD)	\$165,000,000	\$162,195,000	\$30,317,148	\$131,877,852
Police Facilities (PF)	\$30,000,000	\$29,490,000	\$6,882,938	\$22,607,062
Neighborhood Fire Stations (NFS)	\$85,000,000	\$83,555,000	\$8,150,600	\$75,404,400
Emergency Firefighting Water System (EFWS)	\$55,000,000	\$54,065,000	\$20,000,000	\$34,065,000
Oversight, Accountability, COI		\$6,800,000	\$680,156	\$6,119,844
Total (CESER2)	\$400,000,000	\$400,000,000	\$100,173,463	\$299,826,537

The OCME budget is \$63,895,000 of which \$34,142,621 has been appropriated. Future bond sale(s) totaling \$29,752,379 would be needed to fully fund this component.

The FSD budget is \$162,195,000 of which \$30,317,148 has been appropriated. Future bond sale(s) totaling \$131,877,852 would be needed to fully fund this component.

The Police Facilities budget is \$29,490,000 of which \$6,882,938 has been appropriated. Future bond sale(s) totaling \$22,607,061 would be needed to fully fund this component.

The NFS budget is \$83,555,000 of which \$8,150,600 has been appropriated. Future bond sale(s) totaling \$75,404,400 would be needed to fully fund this component. An additional \$1,500,000 from the general fund was appropriated to fund the construction of Station 48 at Treasure Island.

The Oversight, Accountability and Cost of Issuance budget is \$6,800,000 of which \$693,982 has been appropriated.

Expenditures and Encumbrances

Total expenditures and encumbrances through September 30, 2015 are \$33,884,346 and \$7,136,519 respectively. The combined totals represent 34% of the appropriation of and 8% of the budget. The expenditures of \$33,884,346 include \$8,148,460 in pre-bond expenditures. The expenditures funded by the General fund for Station 48 Treasure Island are \$1,472,589 a project under the NFS.

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

Attachments

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

Earthquake Safety & Emergency Response Bond Program ESER 2010 Program Budget Report - Expenditures as of 09/30/15								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
<u>PUBLIC SAFETY BUILDING</u>								
CONSTRUCTION	PUBLIC SAFETY BUILDING (CESER1 PS; 7400A & 7410A)	Soft Costs	42,892,285	42,892,285		42,563,267	676,191	-347,173
		Construction	193,769,693	193,769,693		188,658,450	3,980,125	1,131,118
		Project Contingency	0	0		0	0	0
		Subtotal	236,661,978	236,661,978	0	231,221,717	4,656,316	783,945
<u>NEIGHBORHOOD FIRE STATIONS</u>								
VARIOUS	FOCUSED SCOPE (CESER1 FS 31, 32, 34, 35, 36, 37, 39) (Job Orders 7431A, 7432A, 7434A, 7435A, 7436A, 7437A, 7439A)	Soft Costs	2,732,779	2,323,338		2,425,126	1,541	-103,329
		Construction	9,190,145	8,257,018		8,059,547	176,248	21,223
		Construction Contingency	295,652	119,957		0	0	119,957
		Subtotal	12,218,577	10,700,314	0	10,484,674	177,789	37,851
PLANNING	COMPREHENSIVE: STATION 44 (CESER1 FS38; Job Order 7438A)	Soft Costs	380,156	380,159		380,157	0	2
		Construction	1,187,109	1,000,813		1,000,813	0	0
		Construction Contingency	0	0		0	0	0
		Subtotal	1,567,265	1,380,972	0	1,380,970	0	2
PLANNING	COMPREHENSIVE: STATION 36 (CESER1 FS27; Job Order 7427A)	Soft Costs	950,353	1,233,472		1,138,907	22,863	71,702
		Construction	3,462,077	4,241,546		4,077,372	164,173	1
		Construction Contingency	385,787	15,816		0	0	15,816
		Subtotal	4,798,217	5,490,834	0	5,216,279	187,036	87,519
PLANNING	SEISMIC: STATION 5 (New 2-story) (CESER1 FS40; Job Order 7440A)	Soft Costs	3,195,094	2,423,460		1,520,401	259,654	643,405
		Construction	10,313,908	2,649,178		0	0	2,649,178
		Construction Contingency	329,755	0		0	0	0
		Subtotal	13,838,757	5,072,638	0	1,520,401	259,654	3,292,583
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		0	0	96,000
		Construction Contingency	24,000	24,000		0	0	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	2,340,306		1,910,599	158,139	271,568
		Construction	6,421,770	17,841		17,841	0	0
		Construction Contingency	616,968	48,046		0	0	48,046
		Subtotal						

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

Earthquake Safety & Emergency Response Bond Program ESER 2010 Program Budget Report - Expenditures as of 09/30/15								
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	726,450		158,532	469,217	98,700
		Construction	4,903,309	0		0		0
		Project Contingency	956,525					0
		Subtotal	9,993,136⁽¹⁾	726,450	0	158,532	469,217	98,700
PLANNING	EQUIPMENT LOGISTICS CENTER (CESER1 FS26; Job Order 7425A)	Soft Costs	589,000	17,680		8,179	0	9,501
		Construction						0
		Project Contingency						0
		Subtotal	589,000	17,680	0	8,179	0	9,501
PLANNING	PROGRAM-WIDE SOFT COSTS & PROGRAM RESERVE (CESER1 FS20; CESER1 FS30 Job Orders 7420A; 7429A, 7430A)	Soft Costs	11,217,709	9,122,510		8,568,000	416,358	138,153
		Construction						0
		Program Reserve	735,682					0
		Subtotal	11,953,391	9,122,510	0	8,568,000	416,358	138,153
PLANNING	NEIGHBORHOOD FIRE STATIONS SUMMARY (CESER1 FS)	Soft Costs	25,081,312	18,647,375	0	16,109,901	1,327,772	1,209,702
		Construction	35,574,318	16,262,397	0	13,155,574	340,421	2,766,402
		Project Contingency	3,344,369	207,819	0	0	0	207,819
		NFS GOB Proceeds	0	6,983,909		0	0	6,983,909
		Subtotal	64,000,000	42,101,499		29,265,474	1,668,193	11,167,831

(1) The Fire Boat Headquarters will be managed under the ESER 2014, however, the pre-design and CEQA-Environmental Study Costs will remain. This will be reflected in the budget revision currently in progress.

Earthquake Safety and Emergency Response Bond Program

(ESER 2010 & 2014)

Earthquake Safety & Emergency Response Bond Program ESER 2010 Program Budget Report - Expenditures as of 09/30/15								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
AUXILIARY WATER SUPPLY SYSTEM (AWSS)								
PRE-BOND PLANNING AND DEVELOPMENT								
Program	Pre-Bond Planning and Development							
		Soft Costs	1,316,964	1,316,964		1,316,964	0	0
		Construction	0	0		0		0
		Project Contingency						0
		Subtotal	1,316,964	1,316,964	0	1,316,964	0	0
AUXILIARY WATER SUPPLY SYSTEM (AWSS)								
Construction	Jones Street Tank							
		Soft Costs	3,477,019	2,324,646		2,177,826	66,803	80,017
		Construction	4,225,034	4,285,103		3,684,570	422,751	177,782
		Project Contingency	389,445					0
		Subtotal	8,091,498	6,609,749	0	5,862,396	489,554	257,799
Construction	Ashbury Heights Tank							
		Soft Costs	1,511,329	1,259,434		1,214,849	109	44,476
		Construction	3,610,805	3,692,882		3,245,196	302,237	145,449
		Project Contingency	359,657					0
		Subtotal	5,481,791	4,952,316	0	4,460,045	302,346	189,925
Construction	Twin Peaks Reservoir							
		Soft Costs	1,335,194	1,176,261	0	1,167,021	0	9,240
		Construction	1,480,061	1,534,360		1,395,094	117,342	21,924
		Project Contingency	90,196					0
		Subtotal	2,905,451	2,710,621	0	2,562,115	117,342	31,164
Design	Pump Station No. 2							
		Soft Costs	3,985,020	4,049,990	0	3,469,292	135,555	445,143
		Construction	10,026,842	11,262,381		47,381	0	11,215,000
		Project Contingency						0
		Subtotal	14,011,862	15,312,371	0	3,516,673	135,555	11,660,143
Construction	Pump Station No. 1							
		Soft Costs	4,321,929	4,956,646	0	4,227,035	0	729,611
		Construction	8,631,700	7,618,577		1,625,832	5,931,909	60,836
		Project Contingency						0
		Subtotal	12,953,629	12,575,223	0	5,852,867	5,931,909	790,447

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

Earthquake Safety & Emergency Response Bond Program ESER 2010 Program Budget Report - Expenditures as of 09/30/15

Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
Complete	FIREFIGHTING CISTERNS Contract No. 1	Soft Costs	508,057	508,057		508,057	0	0
		Construction	0	0		0	0	0
		Project Contingency						0
		Subtotal	508,057	508,057	0	508,057	0	0
Construction	New Cisterns	Soft Costs	8,002,177	6,556,389	0	6,017,781	70,566	468,042
		Construction	26,687,886	29,336,285		14,498,928	8,969,024	5,868,333
		Project Contingency						0
		Subtotal	34,690,064	35,892,674	0	20,516,709	9,039,590	6,336,375
Complete	Contract No. 3	Soft Costs	50,718	50,718		50,718	0	0
		Construction	0	0		0	0	0
		Project Contingency						0
		Subtotal	50,718	50,718	0	50,718	0	0
Complete	Contract No. 4	Soft Costs	124,191	124,191		124,191	0	0
		Construction	0	0		0	0	0
		Project Contingency						0
		Subtotal	124,191	124,191	0	124,191	0	0

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

Earthquake Safety & Emergency Response Bond Program ESER 2010 Program Budget Report - Expenditures as of 09/30/15								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
Planning	FIREFIGHTING PIPES AND TUNNELS AWSS Modernization CIP Study	Soft Costs	2,765,591	2,766,627		2,737,724	21,202	7,701
		Construction	0	0		0	0	0
		Project Contingency	0					0
		Subtotal	2,765,591	2,766,627		0	2,737,724	21,202
Various	Pipes/Tunnels (Projects 11 thru 19)	Soft Costs	7,367,599	5,479,173		3,163,729	814,440	1,501,004
		Construction	11,748,177	2,368,940		411,614	529,541	1,427,785
		Project Contingency						0
		Subtotal	19,115,776	7,848,113		0	3,575,343	1,343,981
n/a	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
n/a	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
Program	CUW AWS 01	Soft Costs	384,409	11,732,376		269,029	101,117	11,362,229
		Construction	0	0				0
		Project Contingency						0
		Subtotal	384,409	11,732,376		0	269,029	101,117
AUXILIARY WATER SUPPLY SYSTEM (AWSS)	Soft Costs	35,150,197	42,301,472		26,444,216	1,209,792	14,647,463	
	Construction	66,410,505	60,098,528		24,908,615	16,272,804	18,917,109	
	Project Contingency	839,298	0		0	0	0	
	Subtotal	102,400,000	102,400,000		0	51,352,831	17,482,596	33,564,572

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

Earthquake Safety & Emergency Response Bond Program ESER 2010 Program Budget Report - Expenditures as of 09/30/15								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
ESER								
		Soft Costs	103,123,794	103,841,132	0	85,117,384	3,213,755	15,509,992
		Construction	295,754,517	277,114,527	0	226,722,639	20,593,350	29,798,538
		Project Contingency	4,183,666	207,819	0	0	0	207,819
		Subtotal	403,061,977	381,163,477	0	311,840,023	23,807,105	45,516,349
BOND OVERSIGHT/ACCOUNTABILITY			6,900,000	1,155,213		442,104	713,109	0
BOND COST OF ISSUANCE				1,202,346		1,152,077 ⁽²⁾	0	50,269
TOTAL ESER 2010 (CESER1)			409,961,977⁽¹⁾	383,521,036	0	313,434,204	24,520,214	45,566,618

As of 10/01/15, the FAMIS fiscal month 03 2016 September 2015, actual expenditures are \$401,388,706. The variances from the report are as follows:

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

(a) less \$51,352,831 for actuals per FAMIS Project Structure CUW AWS AW as of 10/01/15.

(b) less \$27,096 for actuals Controller's Audit Fund (CUW AWS 081C4) and CGOBOC (CUW AWS 081GO) as of 09/10/15.

(2) Bond Sale Premiums:

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

(b) Underwriters discount of \$211,953 is no longer being reported as a project 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)

(f) The Fifth Bond Sale premium of \$5,461,975.40 (0934G)

(3) Baseline budget shows \$2,338,024 which is under Master Project Controller's Reserve per Ordinance 60-15

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

(5) PSB Video Work Order

Total (CESER1)

	\$102,568,217	
	(\$51,352,831)	
	(\$27,096)	
	\$5,118,923	\$5,118,923
	\$0	\$0
	\$16,898,268	\$16,898,268
	\$6,213,547	\$6,213,547
	\$2,606,056	\$2,606,056
	\$5,461,975	\$5,461,975
	2,338,024	
	6,354,478	467,460.00
	(53,000)	
	\$428,459,290	\$401,388,723

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

Earthquake Safety & Emergency Response Bond Program ESER 2014 Program Budget Report - Expenditures as of 09/30/15								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
OFFICE OF THE CHIEF MEDICAL EXAMINER								
	OCME							
DESIGN	9000A (CESER2ME)							
		Soft Costs	17,021,350	12,571,754		8,543,227	2,241,997	1,786,530
		Construction	45,295,444	16,550,075		1,229,661	132,674	15,187,740
		Project Contingency	1,578,206	5,020,792				5,020,792
		Subtotal	63,895,000	34,142,621	0	9,772,888	2,374,671	21,995,062
TRAFFIC CONTROL & FORENSIC SERVICES DIVISION								
	TC&FSD							
DESIGN	9100A (CESER2TC)							
		Soft Costs	52,704,400	28,436,832		18,399,484	2,000,000	8,037,348
		Construction	109,490,600	0		0	0	0
		Project Contingency	0	1,880,316				1,880,316
		Subtotal	162,195,000	30,317,148	0	18,399,484	2,000,000	9,917,664
DISTRICT POLICE STATIONS								
	DPS							
DESIGN	9200A (CESER2PD)							
		Soft Costs	29,490,000 ⁽¹⁾	6,882,938		978,815	366,094	5,538,029
		Construction	0	0		0	0	0
		Project Contingency	0	0				0
		Subtotal	29,490,000	6,882,938	0	978,815	366,094	5,538,029

(1)Soft Costs and Construction Costs will be determined once the projects are identified.

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

Earthquake Safety & Emergency Response Bond Program ESER 2014 Program Budget Report - Expenditures as of 09/30/15

Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
NEIGHBORHOOD FIRE STATIONS								
<p>The finance management of the focused scope projects are tracked as soft cost and construction costs. The soft costs are tracked by scope and the construction is tracked by station. As a result, the financial reporting is different from the other components. The NFS Soft Costs includes the Component's management services including SFFD representative services, construction management support services (CMSS), materials testing and special inspection (MTSI), pre-design and assessment services, space analysis and a study of EMS/BOE. Station 35 Fireboat and Station 48 Treasure Island are seismic projects and they follow the same format as the other components. The Program Reserve will be used to fund the additional projects when identified.</p>								
	NFS Soft Costs	Soft Costs	10,212,923	2,115,184		958,545	944,905	211,733
Focused Scope Projects								
	Apparatus Bay Doors: Stations 7, 9, 10, 13, 15, 18, 21	Soft Costs	54,112	38,677		41,516	0	-2,839
	Roofs: Stations 3, 43, 49	Soft Costs	312,994	293,494		152,538	0	140,956
	Showers: Stations 13, 20, 22, 34	Soft Costs	274,153	219,802		42,603	0	177,199
	Windows: Stations 7, 8, 9, 19, 20, 21, 24, 25, 29	Soft Costs	66,396	53,719		29,450	0	24,269
	Exterior Envelope: Stations 8, 23, 24, 29, 34	Soft Costs	432,688	108,951		46,446	0	62,505
	Mechanical: Stations 7, 8, 14, 20, 23, 41, 43, 49	Soft Costs	234,003	30,008		5,279	0	24,729
	Generators: Stations 19, 31, 39	Soft Costs	143,964	8		0	0	8
	Access Control: total 25 stations	Soft Costs	508,593	508,593		200,321	69,449	238,823
	Sidewalk: Stations 13, 20, 26, 31	Soft Costs	73,500	17,593		7,223	0	10,370
			12,313,325	3,386,029	0	1,483,922	1,014,354	887,753
	9603A Fire Station No. 3	Construction Costs	1,739,037	1,307,468		69,823	31,112	\$1,206,533
	9607A Fire Station No. 7	Construction Costs	356,033	20,000		14,214	0	\$5,786
	9608A Fire Station No. 8	Construction Costs	275,092	0		0	0	\$0
	9609A Fire Station No. 9	Construction Costs	311,277	18,027		18,626	1,316	-\$1,915
	9613A Fire Station No. 13	Construction Costs	669,856	68,870		32,815	26,040	\$10,015
	9614A Fire Station No. 14	Construction Costs	92,000	0		0	0	\$0
	9617A Fire Station No. 17	Construction Costs	46,000	6,900		0	0	\$6,900
	9619A Fire Station No. 19	Construction Costs	19,725	19,725		9,580	0	\$10,145
	9620A Fire Station No. 20	Construction Costs	223,559	43,159		1,899	31,800	\$9,460
	9621A Fire Station No. 21	Construction Costs	10,200	0		0	0	\$0
	9622A Fire Station No. 22	Construction Costs	71,354	68,323		1,663	60,600	\$6,060
	9623A Fire Station No. 23	Construction Costs	110,579	0		0	0	\$0
	9624A Fire Station No. 24	Construction Costs	373,329	13,954		0	0	\$13,954
	9625A Fire Station No. 25	Construction Costs	18,165	18,165		0	607	\$17,558
	9626A Fire Station No. 26	Construction Costs	0	0		0	0	\$0
	9629A Fire Station No. 29	Construction Costs	123,749	17,778		14,378	163	\$3,237
	9631A Fire Station No. 31	Construction Costs	57,500	50,654		0	0	\$50,654
	9634A Fire Station No. 34	Construction Costs	421,921	45,251		1,006	38,840	\$5,405
	9639A Fire Station No. 39	Construction Costs	25,175	25,175		12,378	11,354	\$1,443
	9641A Fire Station No. 41	Construction Costs	92,000	0		0	0	\$0
	9642A Fire Station No. 42	Construction Costs	0	0		0	0	\$0
	9643A Fire Station No. 43	Construction Costs	297,084	0		0	0	\$0
	9649A Fire Station No. 49	Construction Costs	297,083	0		0	0	\$0
			5,630,719	1,723,449	0	176,381	201,832	1,345,236

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

Earthquake Safety & Emergency Response Bond Program ESER 2014 Program Budget Report - Expenditures as of 09/30/15

Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
Seismic Projects								
	9635A Station 35 Fire Boat House	Soft Costs	15,139,310	0		0	0	0
		Construction	22,708,967	0		0	0	0
		Project Contingency	0	0		0	0	0
		Subtotal	37,848,277	0	0	0	0	0
	7848A Station 48 Treasure Island	Soft Costs	180,052	180,052		164,793	25,748	-10,489
		Construction	1,275,522	1,275,522		1,183,665	0	91,857
		Project Contingency	44,426	44,426		0	0	44,426
		Subtotal	1,500,000	1,500,000	0	1,348,458	25,748	125,794
	Program Reserve		26,262,680	1,541,122		0	0	1,541,122
	Summary	Soft Costs	27,632,687	3,566,081	0	1,648,715	1,040,102	877,264
		Construction	29,615,208	2,998,971	0	1,360,046	201,832	1,437,093
		Project Contingency	26,307,106	1,585,548	0	0	0	1,585,548
		Subtotal	83,555,000	8,150,600	0	3,008,761	1,241,934	3,899,905

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

Earthquake Safety & Emergency Response Bond Program ESER 2014 Program Budget Report - Expenditures as of 09/30/15								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
EMERGENCY FIREFIGHTING WATER SYSTEM								
PRE-BOND PLANNING AND DEVELOPMENT								
Program	Pre-Bond Planning and Development							
		Soft Costs	935,000	0		0	0	0
		Construction	0	0		0	0	0
		Project Contingency						0
		Subtotal	935,000	0		0	0	0
AUXILIARY WATER SUPPLY SYSTEM (AWSS)								
Construction	Twin Peaks Reservoir - ESER 2014							
		CUWAW2AW23						
		Soft Costs	50,000	50,000	0	0	0	50,000
		Construction	682,000	682,000	0	643,518	38,482	0
		Project Contingency	50,000	50,000				50,000
		Subtotal	782,000	782,000	0	643,518	38,482	100,000
Planning	ESER 2014 Assessments							
		CUWAW2AW30						
		Soft Costs	1,200,000	1,229,551	0	640,629	394,235	194,687
		Construction			0	0	0	0
		Project Contingency						0
		Subtotal	1,200,000	1,229,551	0	640,629	394,235	194,687
Design	Candlestick Point Pipeline							
		CUWAW2AW31						
		Soft Costs	0	0	0	0	0	0
		Construction	1,000,000	1,000,000	0	0	373,096	626,904
		Project Contingency						0
		Subtotal	1,000,000	1,000,000	0	0	373,096	626,904
Design	19th Avenue Pipeline							
		CUWAW2AW32						
		Soft Costs	662,000	371,115	0	19,758	0	351,357
		Construction	1,838,000		0			0
		Project Contingency						0
		Subtotal	2,500,000	371,115	0	19,758	0	351,357
Design	Irving St Pipeline							
		CUWAW2AW33						
		Soft Costs	1,456,000	337,600	0	29,816	0	307,784
		Construction	4,044,000		0			0
		Project Contingency						0
		Subtotal	5,500,000	337,600	0	29,816	0	307,784
Planning	Clarendon Supply (ESER 2014 Partial Funding)							
		CUWAW2AW29						
		Soft Costs	1,000,000					0
		Construction	0					0
		Project Contingency						0
		Subtotal	1,000,000	0	0	0	0	0

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

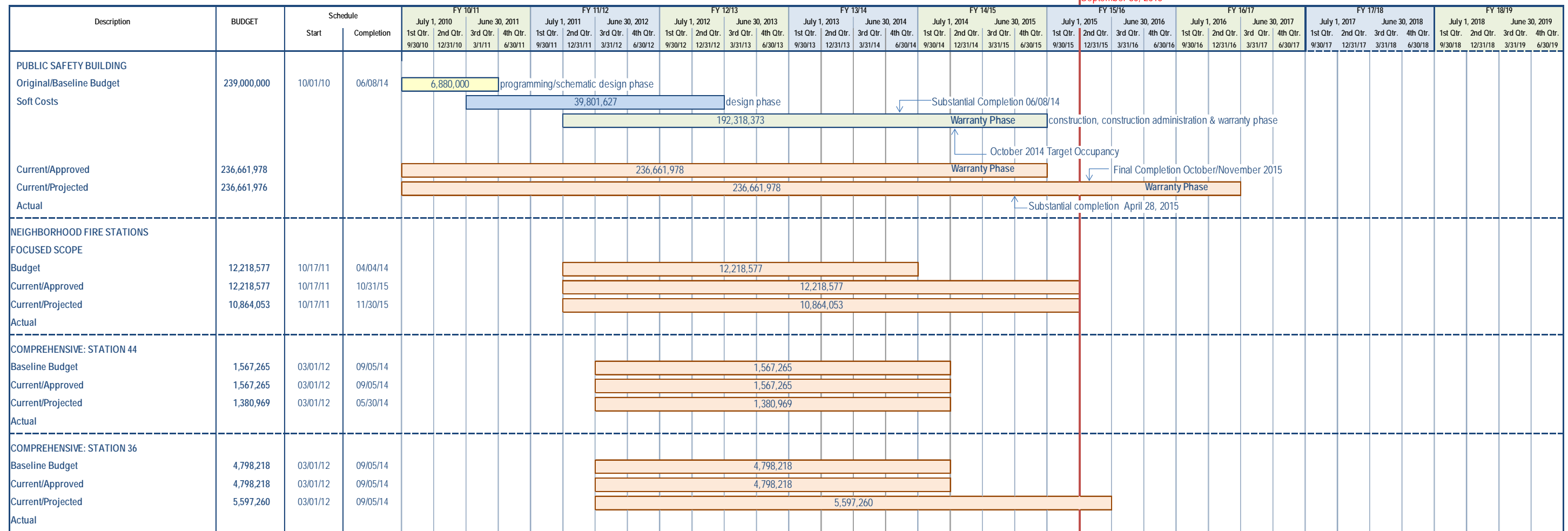
Earthquake Safety & Emergency Response Bond Program ESER 2014 Program Budget Report - Expenditures as of 09/30/15								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
Planning	Ashbury Bypass Pipeline CUAWAW2AW34	Soft Costs	50,000					0
		Construction						0
		Project Contingency						0
		Subtotal	50,000	0	0	0	0	0
Planning	Columbus Avenue Pipeline CUAWAW2AW35	Soft Costs	50,000					0
		Construction						0
		Project Contingency						0
		Subtotal	50,000	0	0	0	0	0
Planning	Lake Merced Flexible System CUAWAW2AW36	Soft Costs	1,000,000					0
		Construction						0
		Project Contingency						0
		Subtotal	1,000,000	0	0	0	0	0
Planning	McLaren Tank Flexible System CUAWAW2AW37	Soft Costs	1,000,000					0
		Construction						0
		Project Contingency						0
		Subtotal	1,000,000	0	0	0	0	0
Planning	Sunset Reservoir Flexible System CUAWAW2AW38	Soft Costs	1,000,000					0
		Construction						0
		Project Contingency						0
		Subtotal	1,000,000	0	0	0	0	0
Planning	University Mound East Pipeline CUAWAW2AW39	Soft Costs	1,000,000					0
		Construction						0
		Project Contingency						0
		Subtotal	1,000,000	0	0	0	0	0
Program	CUAWAW200	Soft Costs	5,670,750	16,279,734	0	10,403	48,125	16,221,206
		Construction	28,003,950	0	0			0
		Project Contingency	4,308,300	0				0
		Subtotal	37,983,000	16,279,734	0	10,403	48,125	16,221,206
	AUXILIARY WATER SUPPLY SYSTEM (AWSS)	Soft Costs	15,073,750	18,268,000	0	700,606	442,360	17,125,034
		Construction	35,567,950	1,682,000	0	643,518	411,578	626,904
		Project Contingency	4,358,300	50,000	0	0	0	50,000
		Subtotal	55,000,000	20,000,000	0	1,344,124	853,938	17,801,938

Earthquake Safety and Emergency Response Bond Program

(ESER 2010 & 2014)

Earthquake Safety & Emergency Response Bond Program ESER 2014 Program Budget Report - Expenditures as of 09/30/15								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
ESER								
		Soft Costs	141,922,187	69,725,606		30,270,847	6,090,553	33,364,205
		Construction	219,969,201	21,231,046		3,233,225	746,084	17,251,737
		Project Contingency	32,243,612	8,536,656		0	0	8,536,656
		Subtotal	394,135,000	99,493,307	0	33,504,072	6,836,637	59,152,598
BOND OVERSIGHT/ACCOUNTABILITY			5,865,000	680,156		380,274	299,882	0
TOTAL ESER 2014 (CESER2)			400,000,000	100,173,463		33,884,346	7,136,519	59,152,598

EARTHQUAKE SAFETY EMERGENCY RESPONSE BOND PROGRAM
Timeline and Schedule



EARTHQUAKE SAFETY EMERGENCY RESPONSE BOND PROGRAM
Timeline and Schedule

Description	BUDGET	Schedule Start Completion		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			
				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. 9/30/10	2nd Qtr. 12/31/10	3rd Qtr. 3/1/11	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
SEISMIC: STATION 5 (New 2-story)																																							
Baseline Budget	13,838,757	03/01/12	05/01/17	13,838,757																																			
Current/Approved	13,838,757	03/01/12	09/30/17	13,838,757																																			
Current/Projected	20,451,960	03/01/12	01/01/18	20,451,960																																			
Actual (Expenditures)																																							
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	8,841,656																																			
Current/Approved	8,841,656	03/01/12	01/04/16	8,841,656																																			
Current/Projected	11,405,599	03/01/12	12/03/17	11,405,599																																			
Actual																																							
NEW PIER FIRE BOAT HEADQUARTERS																																							
Baseline Budget	9,993,136																																						
Current/Approved	9,993,136																																						
Current/Projected	687,125			74,639 Project Development								612,486 CEQA - Environmental Study																											
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	11,953,391	10/17/11	05/01/17	11,953,391																																			
Current/Approved	11,953,391	10/17/11	05/01/17	11,953,391																																			
Current/Projected	12,824,034	10/17/11	05/01/17	12,824,034																																			
Actual																																							
NEIGHBORHOOD FIRE STATIONS																																							
Original/Baseline Budget	64,000,000	10/17/11	02/09/17	64,000,000																																			
Current/Approved	64,000,000	10/17/11	02/09/17	64,000,000																																			
Current/Projected	64,000,000	10/17/11	02/09/17	64,000,000																																			
Actual																																							

September 30, 2015

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

EARTHQUAKE SAFETY EMERGENCY RESPONSE BOND PROGRAM
Timeline and Schedule

Description	BUDGET	Schedule Start Completion		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			
				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.
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	1,316,964	07/01/09	12/31/10	1,316,964																																			
Current/Projected	1,316,964	07/01/09	12/31/10	1,316,964																																			
Actual	1,316,964	07/01/09	12/31/10	1,316,964																																			
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	7,027,896 Construction																																			
Current/Approved	8,091,498			7,027,896																																			
Current/Projected	8,091,498			7,027,896																																			
Actual				7,027,896																																			
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			4,322,100																																			
Current/Projected	5,481,791			4,322,100																																			
Actual				4,322,100																																			
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			1,969,604																																			
Current/Projected	2,905,451			1,969,604																																			
Actual				1,969,604																																			
AWSS PUMP STATION NO. 2																																							
Original/Baseline Budget	7,011,862	7/25/2011	9/25/2012	810,869 Planning																																			
		9/26/2012	10/20/2015	2,734,685 Design																																			
		10/21/2015	7/3/2019	10,466,308 Construction																																			
Current/Approved	14,011,862			10,466,308																																			
Current/Projected	14,011,862			10,466,308																																			
Actual				10,466,308																																			

September 30, 2015

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

EARTHQUAKE SAFETY EMERGENCY RESPONSE BOND PROGRAM
Timeline and Schedule

Description	BUDGET	Schedule		FY 10/11				FY 11/12				FY 12/13				FY 13/14				FY 14/15				FY 15/16				FY 16/17				FY 17/18				FY 18/19			
				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	3/1/11	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
AWSS PUMP STATION NO. 1 Original/Baseline Budget	10,453,628	7/25/2011	1/31/2012					133,708	Planning					1,781,025	Design					11,038,896	Construction																		
Current/Approved	12,953,629																																						
Current/Projected	12,953,629																																						
Actual																																							
FIREFIGHTING CISTERNS - CONTRACT NO. 1 Original/Baseline Budget	508,350	7/8/2011	1/30/2012					62,860	Planning					445,197	Design																								
Current/Approved	508,057																																						
Current/Projected	508,057																																						
Actual																																							
FIREFIGHTING CISTERNS - CONTRACT NO. 2 Original/Baseline Budget	34,538,945	1/30/2012	5/15/2015											3,877,210	Design					30,812,854	Construction																		
Current/Approved	34,690,064																																						
Current/Projected	34,690,064																																						
Actual																																							
FIREFIGHTING CISTERNS - CONTRACT NO. 3 Original/Baseline Budget	51,047	7/2/2012	9/27/2012											50,718	Design																								
Current/Approved	50,718																																						
Current/Projected	50,718																																						
Actual																																							
FIREFIGHTING CISTERNS - CONTRACT NO. 4 Original/Baseline Budget	124,402	7/2/2012	7/19/2013											124,191	Design																								
Current/Approved	124,191																																						
Current/Projected	124,191																																						
Actual																																							

September 30, 2015

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

EARTHQUAKE SAFETY EMERGENCY RESPONSE BOND PROGRAM
Timeline and Schedule

Description	BUDGET	Schedule Start Completion		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																																					
				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.																																		
September 30, 2015																																																																									
FIREFIGHTING PIPES AND TUNNELS - AWSS MODERNIZATION CIP STUDY																																																																									
Original/Baseline Budget	3,000,000	5/2/2011	6/30/2014	2,765,591																																				Planning																																	
Current/Approved	2,765,591																																																																								
Current/Projected	2,766,627																																																																								
Actual																																																																									
FIREFIGHTING PIPES AND TUNNELS (Projects 11-19)																																																																									
Original/Baseline Budget	28,615,775	10/3/2011	1/11/2016	1,542,376																																				Planning																																	
		4/1/2014	7/19/2016	3,562,601																																				Design																																	
		5/1/2015	9/26/2018	14,010,799																																				Construction																																	
Current/Approved	19,115,776																																																																								
Current/Projected	19,115,776																																																																								
Actual																																																																									
CUW AWS 01																																																																									
Original/Baseline Budget	300,286	1/1/2011	9/26/2018	384,409																																																																					
Current/Approved	384,409																																																																								
Current/Projected	383,373																																																																								
Actual																																																																									
AUXILIARY WATER SUPPLY SYSTEM (AWSS) SUB-TOTAL																																																																									
Original/Baseline Budget	102,400,000																																																																								
Current/Approved	102,400,000																																																																								
Current/Projected	102,400,000																																																																								
Actual																																																																									

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

EARTHQUAKE SAFETY EMERGENCY RESPONSE BOND PROGRAM
Timeline and Schedule

Description	BUDGET	Schedule Start Completion		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			
				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.
FIREFIGHTING PIPES AND TUNNELS - AWSS MODERNIZATION CIP STUDY																																							
BOND OVERSIGHT/ACCOUNTABILITY																																							
Original/Baseline Budget	6,900,000																																						
Current/Approved	6,900,000																																						
Current/Projected	6,900,000																																						
Actual																																							
ESER TOTAL																																							
Original/Baseline Budget	412,300,000	10/01/10	01/00/00	412,300,000																																			
Current/Approved	412,300,000																																						
Current/Projected	409,961,976																																						
Controller Reserve	2,338,024																																						
Actual	412,300,000																																						

September 30, 2015

Legend:

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

Prepared by San Francisco Public Works
Revised 10/01/15

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

Attachment 3 – Contact Information



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

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