



Earthquake Safety and Emergency Response Bond Program 2010 & 2014

Edwin M. Lee
Mayor

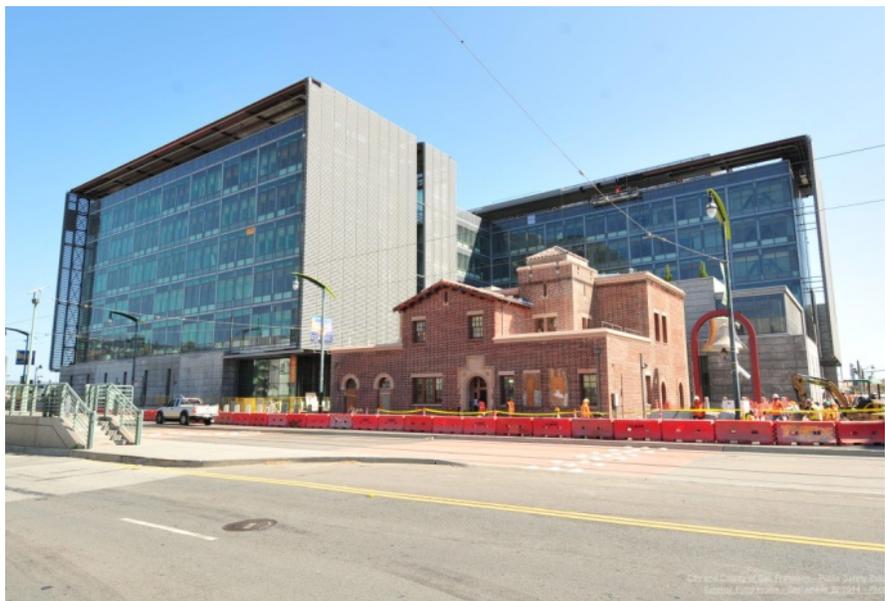
Mohammed Nuru
Director

Quarterly Status Report September 30, 2014

Edgar Lopez
Deputy Director
and City Architect

Building Design & Construction
30 Van Ness Ave., 4th floor
San Francisco, CA 94102
tel 415-557-4700

sfpublicworks.org
[facebook.com/sfpublicworks](https://www.facebook.com/sfpublicworks)
twitter.com/sfpublicworks



Public Safety Building

Prepared for the

- Citizen's General Obligation Bond Oversight
- San Francisco Police Department
- San Francisco Fire Department
- Public Utilities Commission

Submitted by
Charles Higuera
Program Manager

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

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Earthquake Safety and Emergency Response Bond Program

(ESER 2010 & 2014)

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

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

Public Safety Building

Sitework construction is underway, including surface improvements along China Basin and Mission Rock Streets. Interior finishes and installation of mechanical, electrical, and plumbing fixtures continues through this reporting period at all levels at the PSB and at the Fire Station 30.

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

Project Cost, inclusive of all construction change orders to-date, is tracking within the total project budget of \$239M. Substantial completion is anticipated in November 2014.

Neighborhood Fire Stations & Support Facilities

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

Station 16: Design schedule extension has been finalized to October 31.

Station 5: Station 5 public outreach meetings were held on June 19 and 26, July 10 and September 25. Civic Design Review Phase 1 presentation is scheduled for October 20. Schematic Design 50% deliverable is due on October 31.

Station 35: SFFD directed DPW to resume project planning at the existing Station 35 location, Pier 22-1/2. The City retained maritime structures' expert architect Mary McGrath

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Architects of Oakland, and a Maritime Structural Engineer as-needed resource will be added to the team in October for key consultation.

Comprehensive Projects: Station 36

Station 36: Substantial completion is scheduled for October 28 and final completion is scheduled for November 26.

Focused Scope Projects

Focused Scope portfolio is organized into six packages. All roofing, mechanical and window work is complete. Exterior envelope, generators and showers are in construction. Refer to the Neighborhood Fire Stations full report for further detail.

Auxiliary Water Supply System

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

Construction continued for Cisterns A (WD-2695), Cisterns B (WD-2696), and Cisterns C (WD-2697) contracts. Bids were received for Cisterns D contract (WD-2745). Design work continued for additional new cisterns.

Planning and design work continued for pipeline and tunnel projects.

Planning work started for ESER 2014 bond projects.

Budget

The ESER has expended \$232,668,661 through June 2014. Out of the \$232,668,661 \$185,495,533 is for the PSB; \$21,857,929 is for the NFS; \$23,762,642 is for AWSS; and \$1,552,557 is for Bond Cost of Issuance, Bond oversight and accountability expenses. The expenditures are consistent with our spend-down forecast and are within budget.

To date, the program has received the proceeds of four bond sales totaling \$332,135,000. DPW and SFPUC are in the process of requesting a fifth bond sale for \$57.840M which will complete the funding for the PSB and AWSS components and partially fund the NFS. A future bond sale of \$24.995M will be needed to complete the funding for NFS. The breakdown of the proceeds received as well as the requested fifth bond sale is discussed in the [Budget, Funding and Expenditures](#) section of this report.

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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 Medical Examiner (OCME)**; **Traffic Control & Forensic Services Division (FSD)**; **Neighborhood Fire Stations (NFS)**; **Emergency Firefighting Water System (SFPUC)**; and **District Police Stations (DPS)**. SFPUC will manage the Emergency Firefighting Water System component and DPW will manage the remaining components.

OCME Facility

The \$65M project will relocate the Office of the Chief Medical Examiner (OCME) to 1 Newhall Street in the India Basin Industrial Park.

The CEQA process has been completed. The project received Categorical Exemption, Class 32 (State CEQA Guidelines Section 15332) on May 30, 2013.

KMD was selected to provide A/E Design Services for the project.

Clark Construction's contract was issued on December 20, 2013 for CM/GC services. NTP was issued on January 29, 2014.

Vanir/Saylor, a Joint Venture Partnership, was the successful candidate for providing CM Support Services. NTP was issued on July 25, 2014.

AGS Consultants were hired to perform geotechnical services. NTP for AGS was issued on June 24, 2014.

The total allocation of this Job Order is \$6,186,289 with a balance of \$326,315. ESER 2014 will provide the next increment of funding towards OCME work, currently projected at \$8,150,600.

SFPD TC & FSD Facility

The \$165M project will relocate the SFPD Traffic Company (TC) and SFPD Forensic Services Division (FSD) to a site located at 1995 Evans Avenue, Mission Bay, San Francisco.

The CEQA process has been completed. Agreement to Implement Mitigation Measures was signed on September 30, 2013. Preliminary Mitigated Negative Declaration was published

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on October 2, 2013. A Final Mitigated Negative Declaration was completed and published on November 19, 2013.

Integrated Project Delivery, CM/GC including Design-Build core trade subcontractors, was approved by the City Administrator as a viable project delivery methodology for this project. Ordinance was introduced on July 29, 2014. Ordinance was heard and approved at the Budget and Finance Committee Meeting on September 17, 2014. Anticipated approval of the Ordinance is November 2014.

The total allocation of this Job Order is \$2,550,000 with a balance of \$332,724. ESER 2014 will provide the next increment of funding towards TC & FSD work, currently projected \$8,150,600.

Budget

The ESER 2014 budget is \$400M. A resolution providing for the issuance of not to exceed \$400M in general obligation bonds was approved August 7. The ordinance appropriating \$106M of the ESER 2014, first bond sale, was approved September 12. The proceeds are expected October 2. The pre-bond expenditures thru September 30 are \$9,288,511.

Other Information

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

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Program Summary and Status

Public Safety Building (ESER 2010)



Exterior view from 3rd Street



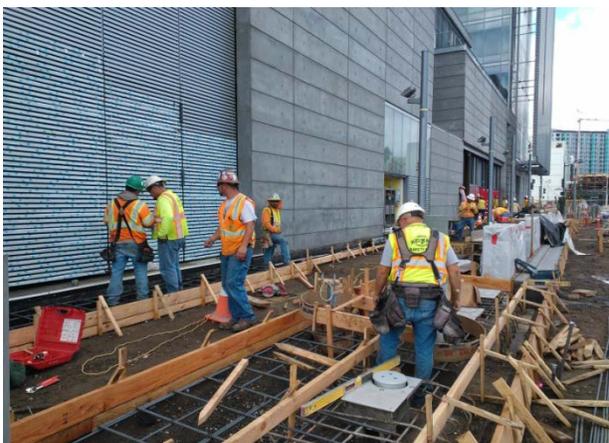
Sitework in progress near South plaza



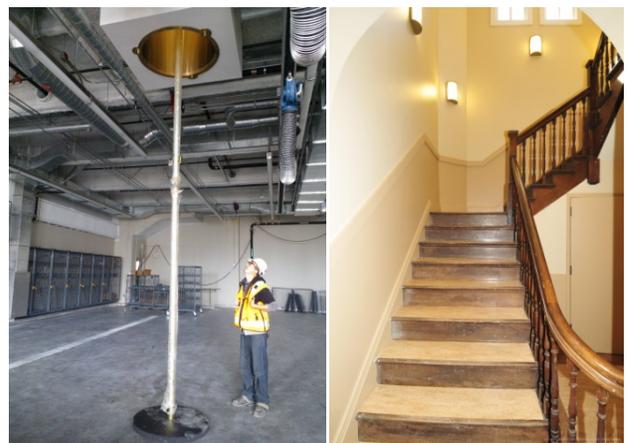
Artwork lettering finish at main lobby.



FS30 – live-work area at L2



Sitework along Mission Rock Street



Slidepole at App. Bay FS30 – Interior Stair

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

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

Both the Police Headquarters and the Southern District Police station are located at 850 Bryant also known as the Hall of Justice. This facility is over 50 years old and does not meet current seismic codes and requirements. In the event of a major earthquake, this building is not expected to be operational. The PSB will provide a new venue for these two police elements that are a part of a larger strategy to replace the Hall of Justice, established in the City’s Capital Plan as the *Justice Facilities Improvement Program* (JFIP).

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

Project Status:

Construction Activities:

- Sitework at Mission Rock and China Basin Streets continuing through September. Curb and sidewalk concrete placement beginning in September, and expected to be complete by mid-October.
- Interior finishes work on-going at PSB on all floors, including wall paneling and wall fabric installation, interior painting, and ceiling.
- Fixture installation continues through August for doors and hardware, lighting fixture, interior partitions, lockers, A/V equipment, and cabinetry and casework.

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- Testing & balancing and life safety pre-testing began in August and continues through September, in preparation for testing with Fire Marshal and Electrical Inspector in October and November.
- Interior work at Fire Station 30 includes clean-up, painting, lighting fixture/ trims, low-voltage equipment, storefront glazing, and hardware installation.

Project Schedule:

SUBSTANTIAL COMPLETION = NOVEMBER 2014 (UNDER REVIEW)

FINAL COMPLETION = DECEMBER 2014

TARGET MOVE-IN = JANUARY/ FEBRUARY 2015

- Trade package bidding is complete.
- Procurement for furniture, fixture, and equipment are in progress. 12 of 22 have been awarded.

Project Budget: Project Cost, inclusive of all change orders to date, is tracking within the Total Project Budget of \$239M. Refer to the [Attachment 1 – Program Budget Report](#) for further detail.

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Neighborhood Fire Stations (ESER 2010)

7427A Station 36



Sidewalk Improvements



Kitchen Cabinets



Kitchen Cabinets



Sidewalk Improvements

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

7436A Exterior Envelope

Package 6 Station 31



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

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

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

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

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

A list of projects to be completed by the ESER 2010 bond was identified by DPW 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 DPW and approved on February 29, 2012 a final slate of Groups I, II and III projects to be completed as part of ESER I. Direction was also provided for the preferred development of the Fire Boat Station and analysis of the Emergency Logistics Center (ELC). The approved slate of projects was presented to, and accepted by, the SF Fire Commission on April 26, 2012.

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Seismic Projects: Stations 16 and 5

Station 16:

Design services are being provided by DPW BDC/IDC.

The City is currently pursuing licensing agreements with three of the immediate neighbors to underpin their property foundations during construction, and to install equipment monitoring construction impact on their properties. Two of the immediate neighbors to the station communicated their issues/concerns in early 2014; follow-up meeting with the neighbors were held on January 29, February 26, March 19 and April 2, 2014. The City has accommodated one of the neighbor's requests to relocate the rooftop emergency generator from the West to the East side of the roof. In September, DPW was advised that the immediate neighbors had hired their own architect to suggest revisions to the City's design that would presumably have less impact on the neighbor's window (currently slated to become a lightwell.) DPW is continuing to respond to neighbor's concern and to the extent practicable, will revise design to accommodate. The site and demolition permits were filed with DBI on December 20, 2013. Comments were received in September, and DPW response to comments will be submitted to DBI in October.

Station 5:

Design services are being provided by DPW BDC/IDC through the concept phase; DPW BDC Architecture, Landscape Architecture, and DPW IDC Structural Engineering through design and construction; and as-needed engineer GHD for MEP and Civil engineering disciplines.

Public Works will issue RFQ for CM/GC services in October 2014.

SFFD direction is to engage an outside fire station design peer reviewer prior to the start of Schematic Design to confirm the concept. Peer review of concept by outside fire station consultant, SCN Architects, was concluded as scheduled in June. The resulting floor plan is 6' wider to accommodate proper clearances to support operation. Schematic Design 50% deliverable is due on October 31.

Outreach to elected officials and community groups began in January 2014 with a presentation to District 5 Supervisor London Breed on January 13. Station 5 public outreach meetings were held on June 19 and 26, July 10 and September 25.

The team informally presented Station 5 concept facades to Civic Design Review committee on February 10 and September 22. Civic Design Review Phase 1 presentation is scheduled for October 20, 2014.

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Fire Boat Station 35:

Design services are being provided by DPW BDC/IDC (Structural) and specialty subconsultants.

SFFD directed DPW to resume project planning at the existing Station 35 location, Pier 22-1/2. Project re-start meetings with SF Port occurred in June. Maritime expert architect Mary McGrath Architects of Oakland, CA is finalizing the building program and site plan documents for review and approval with various constituencies. A Maritime Structural Engineer as-needed resource will be added to the team in October for required consultation. Additional SF Port, SF Planning and BCDC meetings are anticipated in November and December following confirmation of the final building program.

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 1415 Evans; more significantly, the budget for such a project is not available within the ESER 2010 NFS funding.

In lieu of this project, the SFFD requested that a smaller facility, dedicated to the storage of essential material (currently under the control of the BOE), be considered at the lot behind Station #9. The conceptual program and cost estimate was completed in February 2012. SFFD has directed construction of a shed behind Station 9, to be developed in second half 2014 after Station 16 bid results are obtained and reliable balance of usable reserve is identified.

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

Comprehensive Project: Station 36

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

The design and construction are proceeding on track to meet LEED Gold for Commercial Interiors standards as approved by the Green Building Coordinator, San Francisco Department of the Environment. Commissioning consultant Enovity, contracted through PUC, is reviewing all installation, testing, and start up activities to confirm requirements are met.

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At Station 36, substantial completion is scheduled for October 28 and final completion is scheduled for November 26. SFFD directed the team to add new Apparatus Bay doors to the project funded by savings on Focused Scope projects. These are long lead items and delivery date is to be confirmed, anticipated spring 2015, post occupancy. The apron and sidewalk design in front of the station was modified 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. Work schedule post permits is to be confirmed, anticipated spring 2015, post occupancy.

Focused Scope Projects

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

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.

Exterior Envelope – 16 Stations

Summary:

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

Detail:

Final stations for BBR to complete are 28 then 41. BBR will not be able to start work at Station 28 until work at FS 42 is approved by SFFD. On April 1, BBR submitted new pricing to execute the work at FS28 and 41 after the expectation walk. PM reviewed and approved the new pricing on April 2. The work is to start 4 weeks from approval of the service orders. Work began at Station 28 on May 12 and punch list was issued on June 24. Station 41 work will follow completion of Station 28 punchlist in July.

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

- Package 4 (Stations 15, 32 and 40) - OnPoint Construction: SFTMA resolved the issues they were having with their window installer and started the installation at Station 15 in mid-February. SFMTA work is complete; punch list walk occurred in June. SFMTA work damaged ESER work performed; SFMTA agreed to address issues. Schedule is still pending.
- Package 5 (Stations 10, 13, 17, 26) - CF Contracting: The City issued NTP on January 20. The contractor started on Stations 10 and 17 simultaneously then 13 and 26. The contractor started the work as scheduled on February 20. As of April 1, the contractor substantially completed work at FS10 and 17 and will move to FS26 and 13. Completion of the work is scheduled for May 19. Additional work at Station 13 resulted in time extension to June 19. Installation quality issues at Station 13 windows were addressed by the Contractor by the agreed-upon extended completion date of August 30 and scaffolding was removed in early September. This package is now in close out phase.
- Package 6 (Stations 2, 18, 31) – Roebuck Construction: The contractor started the actual work on March 5 on Station 2 only and will move to Station 31 and 18 upon completion of Station 2. Quality issues with painting subcontractor Slater Custom Painting at Station 2 led to ultimate removal of this subcontractor. The new subcontractor is Woodbrook Painting. New completion date at Station 2 scheduled for June 5. Additionally at Station 2, window design was modified to accommodate proper structural support of window expanse. The issue was exacerbated by poor coordination between the contractor, subcontractor, and supplier. Contractor began installing new windows at Station 2 in mid September; manufacturer delivered windows 2 weeks later than anticipated. Paint mock up is approved at Station 31 and scaffolding has been installed. East elevation priming activity resulted in assessment of existing paint as failing; manufacturer and contractor involvement in identification of proper method of removing lead based paint. The safest effective paint removal method was carefully researched, and carefully coordinated with SFFD occupants and neighbors prior to use. No complaints were received. This work was begun in late September. Station 18 mockup is complete. Substantial completion of this package is scheduled for July 2. Time extension will be negotiated pending Station 2 delayed delivery date of windows to August 25; a further extension is anticipated for the existing paint removal. Window installation began in September. The extended completion date will cover time for all delays.

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Emergency Generator Replacement – 5 Stations

Summary:

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

Detail:

Station 17: Initial substantial completion date is May 19, 2014. Substantial completion date was extended to July 11 due to PG&E scheduling conflicts and coordination with the exterior envelope work. Issues with PG&E wiring type will require a further extension 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. Completion date is to be confirmed in October pending lead time re: the new tank.

Stations 12 and 21: The City issued NTP to Becker Electrical Services on April 21 and held the preconstruction meeting on May 1. Contractor proceeded with submittals and procurement on schedule, and commenced construction at Station 12 on June 7, 2014. Substantial completion was completed as scheduled on August 25, with final completion achieved on September 22. Station 21 anticipated substantial completion date of August 29 was met.

Shower Reconstruction – 9 Stations

Summary:

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

Detail:

The City rebid the package of 6 stations on April 23, and awarded the contract to Wickman Development and Construction on May 30. NTP 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.

Mechanical Scope (JOC) – 15 Stations

Earthquake Safety and Emergency Response Bond Program

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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; and work is now complete.

Detail:

The scope consists of mechanical upgrades in multiple stations. Because of the nature of this scope, the work is scheduled to be performed in two phases, Phase 1 – Investigation and scope validation, and Phase 2 – Execution. Project team with SFFD approval selected (4) stations as pilot projects to perform this delivery method. Azul/ Wolves Mech., the JOC contractor, substantially completed this work on August 30.

On August 30, SFFD provided authorization to the Team to move forward with Group (2) - total of 11 stations; JOC Contractor Rodan was selected to work on this group. Rodan completed phase 1 - the investigation and scope validation; and turned in the initial findings with fee proposal the first week of October 2013. The PM team reviewed the fee proposal several times and approved the final revisions on November 20. The City issued NTP to Rodan on December 16, 2013 with a completion date of March 15, 2014. The work started on January 2. Rodan completed work on 11 stations on schedule on March 15. Per SFFD direction, additional scope was added, primarily replacing actuator valves at 6 stations. The contract will be extended to allow for completion of the new work. Anticipated completion date of July 31 was extended to September 30 to accommodate the added scope. This project is now in close out phase.

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.) On August 31, 2011 City Planning issued a memorandum outlining requirements of a Historic Resource Evaluation (HRE) of the 5 stations identified as potential historic resources: Stations 5, 31, 32, 36, and 44. The HRE report will assess potential impacts to both historic resources listed above, as well as to five stations identified as contributors to a potential 1952 Fire Bond Act Thematic Historic District, Stations 10, 15, 17, 38, and 41.

In May 2013, City Planning agreed to review individual reports for the potential historic resources stations, and a combined report for the five potential district stations. DPW submitted individual HRE's for Stations 31 and 32 in December 2013. Planning issued Station 31 Categorical Exemption Determination on February 19, 2014 and the General Plan Referral on March 4. Planning issued Station 32 Categorical Exemption on February 18, 2014 and the General Plan Referral on March 4. Planning issued the General Plan Referral for the five potential historic district stations on September 30.

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

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

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

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

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

Project Budget:

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

Earthquake Safety and Emergency Response Bond Program

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Neighborhood Fire Stations (ESER 2014)

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/Replacement . The principal goal of ESER 2014 is to continue to address identified and prioritized needs while seeking to perform work at all stations not addressed under ESER 2010.

Project Status:

Since the passage of the bond in June 2014, the ESER 2014 NFS team has been focusing its efforts on:

- 1) Projecting initial funding needs;
- 2) Procuring bond funding;
- 3) Setting up all needed administrative structure;
- 4) Strategizing with SFFD regarding project priorities and project delivery methods;
- 5) Planning the needed assessments of the stations not yet surveyed by the ESER bond team.

During fourth quarter 2014 and first quarter 2015 (contingent upon receipt of bond funding), the first array of Focus Scope projects to be executed in calendar year 2015 will be planned, designed, and bid.

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Auxiliary Water Supply System (AWSS) (ESER 2010)

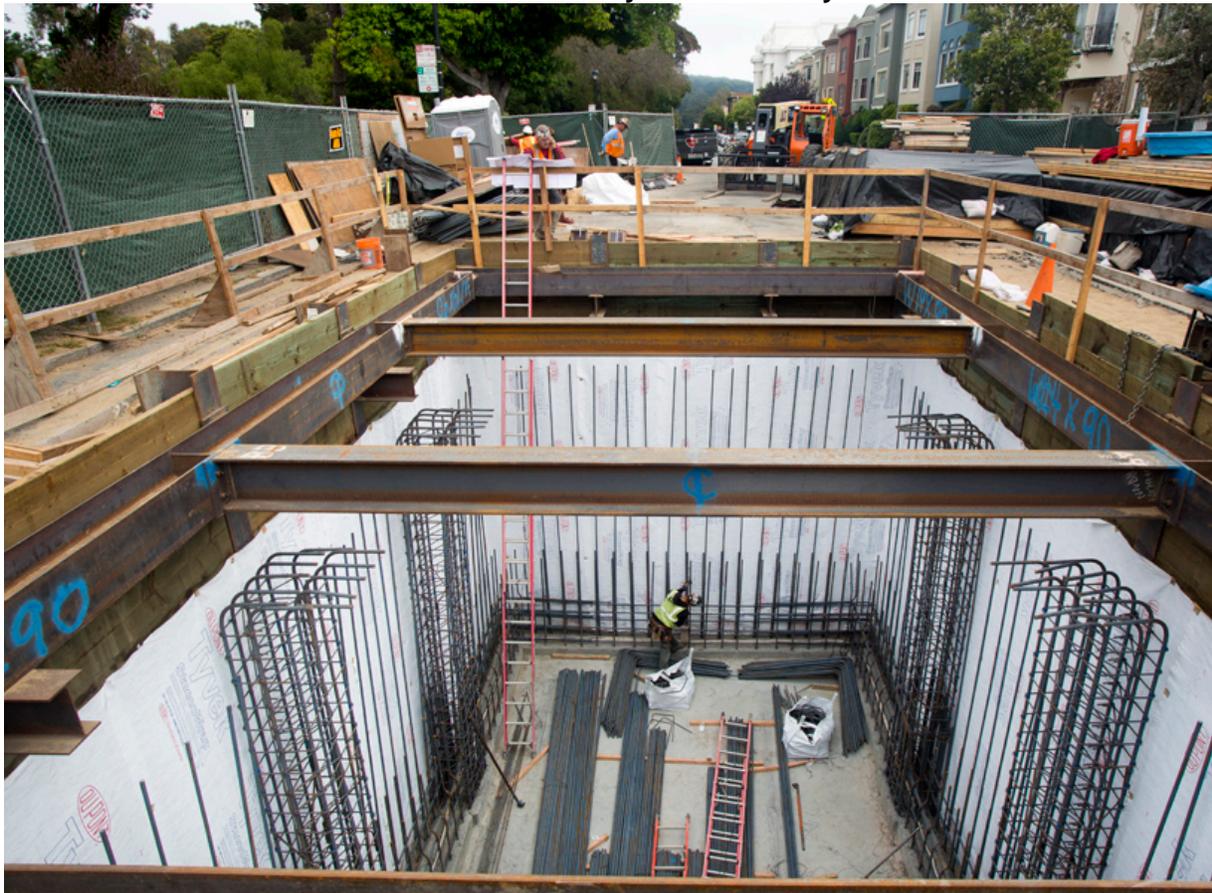
Ashbury Heights Tank, June 2014



Installation of architectural roof over new Ashbury Heights Tank, August 2014

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

Funston Avenue near Geary Boulevard July 2014



Construction of New Cistern

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

Project Background: The AWSS delivers high-pressure water and cistern water storage for fire suppression in several areas of the City. It is vital for protecting against the loss of life, homes, and businesses from fire following an earthquake. It is also used for the suppression of non-earthquake multiple-alarm fires.

Project Status:

Physical Plant

Construction continued for the Ashbury Heights Tank, Jones Street Tank, and Twin Peaks Reservoir contract (WD-2685). The new Ashbury Heights tank was placed in service and additional related work continues at the site. Twin Peaks Reservoir is being drained to allow installation of new valves and related work. WD-2685 now includes the Twin Peaks

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

Reservoir water conservation improvements, consisting of the application of sealing materials to the existing reservoir concrete-slab joints. Construction completion is scheduled by fall 2015. Also see discussion of Jones Street Tank valve motorization project in the subsequent Pipelines and Tunnels section.

The Pumping Station 1 construction contract (WD-2686) was awarded. Construction is scheduled to start by fall 2014. The pumping station will be out of service for up to 225 calendar days (7.4 months) while the four engines that drive the seawater pumps are replaced. This shutdown will occur after Twin Peaks Reservoir is returned to service.

Design work continued for Pumping Station 2, with design completion scheduled by winter 2015.

Cisterns

Construction completion for Cisterns A contract (WD-2695) is scheduled by fall 2014.

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

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

Bids were received for Cisterns D contract (WD-2745). Contract award is expected in fall 2014.

Design work continues at 13 cistern candidate locations, with approximately 9 cisterns expected to be constructed with ESER 2010 funds under Cisterns Contracts E and F. Possible ESER 2014 funding for cistern construction is being considered. The number of cisterns to be constructed is dependent on available funds, construction market conditions, site conditions, and related factors. The Cisterns E bid and award phase is scheduled to start by winter 2015.

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

| Contract | # | Location | Contract | # | Location |
|-------------------|----------|---|-------------------|----------|---------------------------------------|
| Cisterns A | | <i>Contract WD-2695 Awarded</i> | Cisterns D | | <i>Contract WD-2745 bids received</i> |
| | 1. | 35th Ave., Irving St. <<completed>> | | 1. | Amber Dr., Duncan St. |
| | 2. | 36th Ave., Wawona St. <<completed>> | | 2. | Casitas Ave., Lansdale Ave. |
| | 3. | 37th Ave., Lawton St. <<completed>> | | 3. | Diamond Heights Blvd., Duncan St. |
| | 4. | 37th Ave., Ortega St. <<completed>> | | 4. | Dorchester Way, Ulloa St. |
| | 5. | 37th Ave., Rivera St. <<completed>> | | 5. | Folsom St., Ripley St. |
| | 6. | 37th Ave., Ulloa St. (constructing) | | - | - |
| Cisterns B | | <i>Contract WD-2696 Awarded</i> | Cisterns E | | |
| | 1. | Cashmere St., Hudson Ave. (constructing) | | 1. | 17th Ave., Pacheco St. |
| | 2. | Colby St., Silver Ave. (constructing) | | 2. | 18th Ave., Irving St. |
| | 3. | Geneva Ave., Moscow St. (constructing) | | 3. | 18th Ave., Moraga St. |
| | 4. | Geneva Ave., Paris St. | | 4. | 18th Ave., Santiago St. |
| | 5. | Holyoke St., Silliman St. (constructing) | | 5. | Laguna Honda Hospital |
| Cisterns C | | <i>Contract WD-2697 Awarded</i> | Cisterns F | | |
| | 1. | 18th Ave., Ulloa St. (constructing) | | 1. | 5th Ave., Cabrillo St. |
| | 2. | 21st Ave., Ocean Ave. (constructing) | | 2. | 6th Ave., California St. |
| | 3. | Funston Ave., Geary Blvd. (constructing) | | 3. | 16th Ave., Vicente St. |
| | 4. | Saint Elmo Way, Yerba Buena Ave. | | 4. | 30th Ave., Lake St. |
| | 5. | Saint Francis Blvd., San Buenaventura Way | | 5. | Apollo St., Williams Ave. |

| Contract | # | Location |
|-------------------|----------|-------------------------------------|
| Cisterns G | | <i>(Possible ESER 2014 project)</i> |
| | 1. | 29th Ave., Cabrillo St. |
| | 2. | Alviso St., Holloway Ave. |
| | 3. | Monterey Blvd., Westgate Dr. |

Earthquake Safety and Emergency Response Bond Program

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Pipelines and Tunnels

Clarendon Supply – This project will provide a new water supply near the crest of Clarendon Avenue (approximately 500’ northwest of Sutro Tower). This supply is needed to alleviate anticipated negative pipeline pressures under post-earthquake water flow rates as determined by the recently-completed CS-199 AWSS planning study. An alternatives analysis report was completed in September 2014 and concluded that the preferred supply method is to construct a new gravity-fed facility on La Avanzada Street. The optimal location for this new facility is at approximately 720’ elevation and includes a new basin, fill pipes, discharge pipe, utility building, and associated facilities. Also see valve motorization discussion under the Street Valve Motorization project below. Conceptual engineering report completion is expected by winter 2015.

Control System – This project will improve the AWSS control and telecommunications systems. Conceptual engineering report completion is expected by winter 2015.

Fireboat Manifolds and Suction Connections – A condition assessment for the fireboat manifolds and suction connections along the waterfront is being prepared by SFPUC’s City Distribution Division.

Fourth Street Connection – This project will install a new submarine hose connection across the Fourth Street Bridge to connect existing AWSS pipelines. This project is expected to be constructed in the same contract as the Pumping Station 1 Tunnel project due to the marine work involved in each project. Design completion is expected by summer 2015.

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

Pipeline Investigation and Remediation – This project will provide a condition assessment of the AWSS pipeline network and recommend a long-term repair, replacement, and abandonment plan. A pipeline condition assessment firm is being hired to identify pipe leakage and pipe wall stress conditions in limited locations using both electro-magnetic and acoustical methods. The success of these methods will guide more extensive subsequent pipeline assessment activities. Future assessments of corrosion potential, utility conflicts, liquefiable areas, joint restraints, pipeline settlement, and related factors are being planned. The initial pipeline assessment is expected to start by fall 2014.

Pumping Station 1 Tunnel – This project will strengthen the existing Pumping Station 1 seawater intake tunnel by adding structural reinforcement beneath the Embarcadero seawall, installing resilient inserts at the existing Embarcadero sewer-box crossing, the mid-tunnel

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

inflection, and the sand-rock interface, and repairing minor concrete spalling and exposed reinforcing steel. This project is expected to be constructed in the same contract as the Fourth Street Connection project due to the marine work involved in each project. Design completion is expected by summer 2015.

Street Valve Motorization – This project will motorize gate valves needed to better control AWSS water flows. This work is planned to occur near the Sacramento/Kearny, 17th/Dolores, Chavez/Vermont, and Clarendon/Twin Peaks intersections. The Clarendon/Twin Peaks intersection motorization is needed for the Clarendon Supply project, but will be included in this project for contracting efficiency. Design completion is expected by summer 2015.

Emergency Firefighting Water System (ESER 2014)

Work is proceeding as shown in the following table.

| | |
|---|------------------|
| ESER 2014 Project Recommendations | Planning started |
| Ashbury Tank Valve House – Needs Assessment | Pending |
| Jones Street Tank Valve House – Needs Assessment | Pending |
| Jones Street Tank Generator Anchorage – Evaluation | Pending |
| Jones Street Tank Retaining Walls – Condition Assessment | Completed |
| Network Surge Analysis | Proposal pending |
| Pumping Station 1 Seawater Well – Needs Assessment | Proposal pending |
| Pumping Station 2 Seawater Well – Needs Assessment | Proposal pending |
| Pumping Station 2 Southern Discharge Tunnels – Needs Assessment | Proposal pending |
| Twin Peaks Reservoir Forebays – Conceptual Engineering Report | Proposal pending |
| Twin Peaks Reservoir Tunnels – Conceptual Engineering Report | Proposal pending |

Earthquake Safety and Emergency Response Bond Program

(ESER 2010 & 2014)

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 project will relocate Office of the Chief Medical Examiner (OCME) to 1 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 42,600 gsf facility.

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: KMD Architects were selected as the Executive Architect. NTP was issued on January 7, 2014. Peer Review of the Bridging Documents was submitted on February 28, 2014 and was reviewed by the main stakeholders. Design items from the Peer Review Report designated with priority 1 (must be implemented) were selected for further investigation because they pertain to code compliance issues, NAME accreditation, LEED Gold Certification, and seismic compliance. OCME representatives reviewed and provided comments for the first floor plan modifications.

NTP for DD phase was issued on March 18, 2014. 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.

NTP for CD phase was issued on September 15, 2014. All major design decisions to be finalized by the end of October 2014 in order for the design team to complete the drawings and submit for building permit in January/February 2015.

Earthquake Safety and Emergency Response Bond Program

(ESER 2010 & 2014)

Clark Construction's contract was issued on December 19, 2013 for CM/GC services. NTP was issued on January 29, 2014. Clark Construction submitted the Work Plan, which was reviewed and approved on February 26, 2014. Cost estimate validation and CPM schedule were submitted on March 31, 2014. Construction direct cost variance from TBD Consultant's estimate, as reported by Clark Construction, is \$1.7M increase. Additional increase to the budget in the amount of \$2.9M is based on the peer review comments provided by the A/E and CM/GC teams. Value Engineering (VE) process has started to bring the budget within the Fixed Construction Budget Limit (FCBL). The original \$4.6M over the budget amount has been decreased by \$2.6M through a Value Engineering (VE) process that will continue to seek a further \$2M decrease. The Medical Examiner representatives have been involved in providing input on the VE items and accepted the scope/cost reduction made thus far. Additional \$2.1M in value engineering items list was identified during the VE meeting held on September 18, 2014. Majority of the VE items were accepted which brings the project within the FCBL. The project team is currently working on preparing a Deductive Alternates list as a risk mitigating measure in case bids' amount exceeds the budget amount.

Vanir/Saylor, a Joint Venture Partnership, was the successful candidate for providing CM Support Services. Contract negotiations were concluded on April 25, 2014. NTP was issued on July 25, 2014. Vanir/Saylor, JV, is 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.

The Maher Ordinance application and supporting documents were submitted to SFDPH on February 25, 2014. SCA Environmental, Inc. submitted a proposal to perform activities mandated by the Maher Ordinance (subsurface sampling and analysis) and pre-demolition survey for hazardous materials on February 28, 2014. SCA Environmental, Inc. submitted Work Plan to SFDPH on April 17, 2014. Work started in mid May 2014 and was completed in two weeks. Draft report was submitted on June 17, 2014. The report is being reviewed by DPW. Final report was submitted on July 18, 2014. Contaminated soil requiring Class I disposal and elevated levels of methane were discovered. Meeting with SFDPH was held on August 22, 2014 to discuss mitigation strategies. Disposal of contaminated soil has been mandated as well as installation of the passive methane evacuation system.

AGS Consultants were hired to perform geotechnical services for the OCME project. The fee proposal was approved on May 27, 2014. NTP was issued on June 25, 2014. Four additional borings will be drilled on July 17, 2014. Supplemental geotechnical study was submitted on September 19, 2014. These services further evaluated subsurface conditions and developed site-specific seismic response spectra for design and construction. AGS will also perform duties of geotechnical engineer of record during construction.

SFPUC selected building commissioning agent, NAM-Enovity, and issued a Work Order on June 25, 2014. Work commenced on July 17, 2014. Enovity has issued Commissioning

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

Specifications and draft OPR (Owner's Project Requirements) on September 22, 2014.
Documents are being reviewed by the project team. 100% CD documents to be issued in
mid January 2015.

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.

SFPD - FSD forecasts that in the next 15-20 years, FSD will grow to 178 employees and require up to 130,000 gsf. The project is being developed to support 131 employees for 2020 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 between 2018 and 2020.

Project Status: CEQA process has been completed. Agreement to Implement Mitigation Measures was signed on September 30, 2013 and included 3 mitigation measures: M-CP-2: Archeology Resources (Testing), M-AQ-2: Construction Emissions Minimization, M-AQ-4: Best Available Control Technology (BACT) for Diesel Generators, and 3 improvement measures: I-TR-1: Transportation Demand Management Plan, I-TR-2: Construction Measures, I-TR-3: Queue Abatement. PMND and Agreement to Implement Mitigation Measures were published on October 2, 2013. Public review period ended on October 25,

Earthquake Safety and Emergency Response Bond Program

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2013, and there were no comments. Final Mitigated Negative Declaration (FMND) was published on November 19, 2013.

Site lease agreement with purchase option was approved by the Board and Resolution was signed by Mayor Lee on November 12, 2013. ARUP commenced geotechnical survey (site soil borings) on September 25, 2013 and completed its work on October 25, 2013. Draft soils report was submitted on December 19, 2013. Final report was submitted on February 19, 2014. The report states that the “near surface soils and the underlying Bay Mud are not suitable for foundation support and the new buildings should be supported on a pile foundation gaining support in bedrock.” Alternate approaches are being discussed and further evaluation will occur once the A/E design team is on board by mid January 2015.

A Hybrid IPD delivery method is considered for this project, which would include a CM/GC together with the core trade subcontractors (mechanical, electrical, plumbing, and exterior building enclosure). IPD - CM/GC with Core Trade Subcontractors project delivery method was approved by the City Administrator on May 20, 2014 as a viable project delivery methodology for the TC&FSD. This approach requires an ordinance and the City Attorney has been consulted to assist in drafting the ordinance. Ordinance was introduced on July 29, 2014. Ordinance was heard and approved by the Budget and Finance Committee on September 17, 2014. The ordinance process is expected to be completed in November 2014.

A/E RFQ was advertised and published on August 7, 2014. Pre-proposal conference was held on August 19, 2014. Four Addenda were issued. Responses to RFQ were received on October 10, 2014. Shortlist interviews are scheduled for November 6, 2014.

CMSS RFQ is scheduled to be advertised/published in mid October 2014.

Haz Mat evaluation of the existing building material has been discussed with Millennium Consulting Associates and DPW’s structural/geotechnical engineers. Millennium submitted a proposal for pre-demolition survey for asbestos and lead containing materials for buildings located at 1995 Evans Avenue on January 24, 2014. NTP to Millennium was issued on September 29, 2014. Final report is due in April 2015.

Maher Ordinance application and supporting documents were submitted to SFDPH on February 20, 2014. AEW Engineering completed the field investigation. The Phase II ESA report was submitted on May 8, 2014. Final report was submitted on October 10, 2014. No contaminants exceeding allowable levels were discovered and Project is awaiting a letter from SFDPH confirming the findings and/or providing further direction.

District Police Stations (ESER 2014)

Projects' Description:

The projects to be defined for this \$30M component of ESER 2014 will be as a result of the findings assembled from the study of all police facilities conducted prior to the June 2014 ballot. The San Francisco Police Department District Station Facility Standards and Guidelines Study provided the insights necessary to reliably dedicate bond funds strategically among all police facilities.

The study informed the estimated total cost to address facilities needs for the SFPD, expressed in 2019 dollars, as \$253M. The report did not set out a schedule of projects as additional reconnaissance and appraisal of facilities conditions is necessary to define the budget of the eventual projects.

Projects' Status

With pre-bond general funds, the City was able to render the body of knowledge and perspective developed through the study mentioned here. Limited additional facilities appraisal has occurred, culminating in the last quarter with the study of facilities' mechanical, electrical and plumbing systems. Next to be studied once bond funds are available, are exterior building envelope elements such as roofs, windows, doors and walls, as well as ADA public access improvements.

During fourth quarter 2014 and first quarter 2015 (contingent upon receipt of bond funding) the first array of Focus Scope projects to be executed in calendar year 2015 will be planned and designed and bid. Given the bond sum of \$30M for police facilities against the approximate total need of \$250M, it is expected that all projects to be assembled and delivered under ESER 2014 for police facilities will be within the Focus Scope category.

Earthquake Safety and Emergency Response Bond Program

(ESER 2010 & 2014)

Budget, Funding and Expenditures

ESER 2010

Budget and Funding

The budget for the ESER 2010 Bond Program is \$412,300,000. There are three additional funding sources managed under this program. (1) As part of the Annual Appropriation Ordinance FY 12/13 (AAO 164-12), the Fire Department received authorization to appropriate \$8,272,000 to supplement Station No. 35 Fire Boat, a project under Neighborhood Fire Stations component, and two non-ESER related projects. (2) An additional \$38,696 was allocated to the Neighborhood Fire Stations to fund Station 35 Slab Repair project, 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. The combined budget is \$426,332,604 with an appropriation of \$346,167,605. The following is a summary of the budget and appropriation by component:

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

| Fire Facility Bond Funds (FY 12/13 AAO 164-12) | Budget | Current Appropriation |
|---|------------------|----------------------------------|
| Neighborhood Fire Stations | | |
| 7424A Fire Boat/ Fire Station No. 35 | 7,192,000 | 7,151,723 |
| 7433A Fire Boat/Fire Station No. 35 Slab Repair (CFCBLDFD33/3CFPSLOC) | 358,000 | 398,300 |
| 7433A Fire Boat/Fire Station No. 35 Slab Repair (CFC918 000298) | 38,696 | 38,696 |
| 7444A FF&E Fire Station #1 (CFCBLDFD44/3CFPSLOC) | 722,000 | 721,977 |
| Total (CFCBLDFD) | 8,310,696 | 8,310,696 |

| Public Safety Building FF&E | | |
|--|------------------|------------------|
| 7410A Public Safety Building | 5,721,908 | 5,721,908 |
| Total (1GAGFACP) | 5,721,908 | 5,721,908 |

| | | |
|---|--------------------|--------------------|
| Combined Total (ESER+Fire Facility Funds+7410A FF&E) | 426,332,604 | 346,167,605 |
|---|--------------------|--------------------|

DPW and SFPUC are in the process of requesting a Fifth Bond Sale Supplemental appropriation estimated at \$57.840M which will increase the appropriation to \$387.305M. A future bond sale of \$24.995M will be needed to complete the funding for NFS.

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

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

| General Obligation Bond Sales | | | | | |
|--|--------------------|--------------------------|-------------------|----------------------|-------------------|
| | Budget | Current Appropriation | Fifth 10E | New Appropriation | Future Bond Sale |
| ESER 2010 | | | | | |
| Public Safety Building (PSB) | 239,000,000 | 227,217,258 | 11,782,742 | 239,000,000 | 0 |
| Neighborhood Fire Stations (NFS) | 64,000,000 | 30,530,112 | 11,600,000 | 42,130,112 | 21,869,889 |
| Auxiliary Water Supply System (AWSS) | 102,400,000 | 71,396,776 | 31,003,224 | 102,400,000 | 0 |
| Project Fund Subtotal | 405,400,000 | 329,144,146 | 54,385,966 | 383,530,112 | 21,869,889 |
| Controller's Audit Fund (two tenths of 1%) | 827,058 | 659,356 | 108,772 | 768,129 | 58,929 |
| General Obligation Bond Oversight Committee (one tenth of 1%) | 413,529 | 332,135 | 55,170 | 387,305 | 26,224 |
| Cost of Issuance (COI), Underwriters Discount, Bond Reserve | 5,659,413 | 1,999,362 | 620,092 | 2,619,454 | 3,039,959 |
| Accountability and COI Subtotal | 6,900,000 | 2,990,854 | 784,034 | 3,774,889 | 3,125,111 |
| Total ESER1 2010 | 412,300,000 | 332,135,000 | 55,170,000 | 387,305,000 | 24,995,000 |
| Reserve pending bond sale | | | 2,670,000 | | |
| ESER 2010 General Obligation Bonds Series 2014A - Not to Exceed | | | 57,840,000 | | |

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

The budget for NFS is \$64,000,000. The appropriation of \$30,530,112 reflects the proceeds of the first, second and fourth bond sales and is shown in detail under Attachment 1 – Program Budget Report. The requested Fifth Bond Sale of \$11,600,000 would increase the appropriation to \$42,130,112. Additional bond sale(s) totaling \$21,869,889 would be necessary to complete the funding for NFS.

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

The budget for other costs such as the Controller’s Audit Fund, Citizens General Obligation Bond Oversight Committee, Cost of Issuance and Underwriters’ Discount is \$6,900,000. The appropriation of \$2,990,854 reflects the proceeds of the four bond sales and is shown in detail under Attachment 1 – Program Budget Report. The estimated amount to be appropriated to support these services related to the fifth bond sale is \$784,034.

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

Earthquake Safety and Emergency Response Bond Program

(ESER 2010 & 2014)

Expenditures and Encumbrances

Total expenditures and encumbrances through September 30 are \$262,147,228 and \$45,864,429 respectively. The combined totals represent 93% of the appropriation of and 75 % of the budget.

The expenditures for the Fire Facility Bond Funds through September 30 are \$995,829 which represent 12% of the appropriation and budget.

There have been no expenditures for the PSB FF&E. Encumbrances through September 30 are \$3,274,088.

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

ESER 2014

The ESER 2014 budget is \$400M. A resolution providing for the issuance of not to exceed \$400M in general obligation bonds was approved August 7. The ordinance appropriating \$106M of the ESER 2014, first bond sale, was approved September 12. The proceeds are expected October 2. The pre-bond expenditures thru September 30 are \$9,288,511.

The following table shows the budget, the anticipated first bond sale appropriation and pre-bond expenditures per component:

| Component | Budget | First Bond Sale | Pre-Bond Expenditures |
|-------------------------|-----------------------|-----------------------|-----------------------|
| NFS | 83,555,000.00 | 8,150,600.00 | - |
| SFPUC | 54,065,000.00 | 20,000,000.00 | - |
| DPS | 29,490,000.00 | 6,882,939.36 | 261,842.00 |
| TC&FSD | 162,195,000.00 | 30,319,673.53 | 2,796,732.67 |
| OCME | 63,895,000.00 | 34,252,621.44 | 6,229,936.33 |
| Subtotal | 393,200,000.00 | 99,605,834.33 | 9,288,511.00 |
| Controller's Audit Fund | 800,000.00 | 199,211.67 | |
| GOBOC | 400,000.00 | 101,035.00 | |
| COI | 5,600,000.00 | 1,128,919.33 | |
| Subtotal | 6,800,000.00 | 1,429,166.00 | |
| Total | 400,000,000.00 | 101,035,000.33 | 9,288,511.00 |
| Bond Reserve | | 5,060,000.00 | |
| First Bond Sale Amount | | 106,095,000.33 | |

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

Attachments

Earthquake Safety and Emergency Response Bond Program

(ESER 2010 & 2014)

Attachment 1 – Program Budget Report

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

| Earthquake Safety & Emergency Response Bond Program ESER 2010 Program Budget Report - Expenditures as of 09/30/14 | | | | | | | | |
|--|---|--------------------------|--------------------|--------------------|----------|--------------------|----------------------|----------------|
| Status | Project | Category | Baseline Budget | Appropriated | Reserve | Expended | FAMIS Encumbrance | Balance |
| PUBLIC SAFETY BUILDING | | | | | | | | |
| CONSTRUCTION | PUBLIC SAFETY BUILDING (CESER1 PS; 7400A & 7410A) | Soft Costs | 47,232,456 | 40,812,752 | | 39,157,792 | 1,267,186 | 387,774 |
| | | Construction | 188,416,727 | 184,519,896 | | 167,905,740 | 16,664,076 | -49,920 |
| | | Project Contingency | 3,350,817 | 1,884,608 | | 0 | 1,682,721 | 201,887 |
| | | Subtotal | 239,000,000 | 227,217,256 | 0 | 207,063,532 | 19,613,983 | 539,741 |
| NEIGHBORHOOD FIRE STATIONS | | | | | | | | |
| VARIOUS | FOCUSED SCOPE (CESER1 FS 31, 32, 34, 35, 36, 37, 39) (Job Orders 7431A, 7432A, 7434A, 7435A, 7436A, 7437A, 7439A) | Soft Costs | 2,373,628 | 2,221,532 | | 2,158,079 | 10,729 | 52,724 |
| | | Construction | 9,445,331 | 7,917,598 | | 7,047,263 | 930,211 | -59,876 |
| | | Construction Contingency | 399,618 | 471,954 | | 0 | 0 | 471,954 |
| | | Subtotal | 12,218,577 | 10,611,084 | 0 | 9,205,342 | 940,940 | 464,802 |
| PLANNING | COMPREHENSIVE: STATION 44 (CESER1 FS38; Job Order 7438A) | Soft Costs | 427,474 | 380,542 | | 380,159 | 0 | 383 |
| | | Construction | 1,048,368 | 1,000,813 | | 946,512 | 54,301 | 0 |
| | | Construction Contingency | 91,424 | 4,644 | | 0 | 0 | 4,644 |
| | | Subtotal | 1,567,266 | 1,385,999 | 0 | 1,326,671 | 54,301 | 5,027 |
| PLANNING | COMPREHENSIVE: STATION 36 (CESER1 FS27; Job Order 7427A) | Soft Costs | 1,179,758 | 1,157,504 | | 990,195 | 65,871 | 101,438 |
| | | Construction | 3,388,140 | 3,864,746 | | 2,911,502 | 953,243 | 1 |
| | | Construction Contingency | 230,320 | 280,116 | | 0 | 0 | 280,116 |
| | | Subtotal | 4,798,218 | 5,302,366 | 0 | 3,901,697 | 1,019,114 | 381,555 |
| PLANNING | SEISMIC: STATION 5 (New 2-story) (CESER1 FS40; Job Order 7440A) | Soft Costs | 2,641,799 | 1,241,002 | | 639,694 | 424,612 | 176,696 |
| | | Construction | 10,313,908 | 0 | | 0 | 0 | 0 |
| | | Construction Contingency | 883,050 | 59,043 | | 0 | 0 | 59,043 |
| | | Subtotal | 13,838,757 | 1,300,045 | 0 | 639,694 | 424,612 | 235,739 |
| 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 | 1,802,920 | 1,947,501 | | 1,492,161 | 156,189 | 299,151 |
| | | Construction | 6,421,770 | 17,841 | | 17,841 | 0 | 0 |
| | | Construction Contingency | 616,968 | 0 | | 0 | 0 | 0 |
| | | Subtotal | 8,841,657 | 1,965,342 | 0 | 1,510,002 | 156,189 | 299,151 |

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

| Earthquake Safety & Emergency Response Bond Program ESER 2010 Program Budget Report - Expenditures as of 09/30/14 | | | | | | | | | |
|--|--|---------------------|---------------------------------|-------------------|----------|-------------------|----------------------|------------------|---|
| Status | Project | Category | Baseline Budget | Appropriated | Reserve | Expended | FAMIS Encumbrance | Balance | |
| PLANNING | NEW PIER FIRE BOAT HEADQUARTERS (CESER1 FS24; Job Order 7424A) | Soft Costs | 4,133,301 | 726,450 | | 98,191 | 0 | 628,259 | |
| | | Construction | 4,863,032 | 0 | | 0 | | 0 | |
| | | Project Contingency | 956,525 | | | | | | 0 |
| | | Subtotal | 9,952,859 | 726,450 | 0 | 98,191 | 0 | 628,259 | |
| PLANNING | EQUIPMENT LOGISTICS CENTER (CESER1 FS26; Job Order 7425A) | Soft Costs | 589,000 | 100,000 | | 8,179 | 0 | 91,821 | |
| | | Construction | | | | | | 0 | |
| | | Project Contingency | | | | | | 0 | |
| | | Subtotal | 589,000 | 100,000 | 0 | 8,179 | 0 | 91,821 | |
| PLANNING | PROGRAM-WIDE SOFT COSTS & PROGRAM RESERVE (CESER1 FS20; CESER1 FS30 Job Orders 7420A; 7429A, 7430A) | Soft Costs | 11,217,709 | 8,010,188 | | 6,985,655 | 674,674 | 349,858 | |
| | | Construction | | | | | | 0 | |
| | | Program Reserve | 775,960 | | | | | 0 | |
| | | Subtotal | 11,993,669 | 8,010,188 | 0 | 6,985,655 | 674,674 | 349,858 | |
| PLANNING | NEIGHBORHOOD FIRE STATIONS SUMMARY (CESER1 FS) | Soft Costs | 24,445,589 | 15,864,718 | 0 | 12,752,313 | 1,332,075 | 1,780,330 | |
| | | Construction | 35,576,549 | 12,896,998 | 0 | 10,923,118 | 1,937,755 | 36,125 | |
| | | Project Contingency | 3,977,864 | 1,752,638 | 0 | 0 | 0 | 1,752,638 | |
| | | Subtotal | 64,000,000⁽⁴⁾ | 30,514,354 | 0 | 23,675,431 | 3,269,830 | 3,569,093 | |

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

| Earthquake Safety & Emergency Response Bond Program ESER 2010 Program Budget Report - Expenditures as of 09/30/14 | | | | | | | | |
|--|--|---------------------|-------------------|-------------------|----------|---------------------------|----------------------|------------------|
| Status | Project | Category | Baseline Budget | Appropriated | Reserve | Expended | FAMIS Encumbrance | Balance |
| AUXILIARY WATER SUPPLY SYSTEM (AWSS) | | | | | | | | |
| PRE-BOND PLANNING AND DEVELOPMENT | | | | | | | | |
| PLANNING | Pre-Bond Planning and Development | | | | | | | |
| | | Soft Costs | 1,316,963 | 1,316,963 | | 1,316,963 ^(1a) | 0 | 0 |
| | | Construction | 0 | 0 | | 0 | | 0 |
| | | Project Contingency | | | | | | 0 |
| | | Subtotal | 1,316,963 | 1,316,963 | 0 | 1,316,963 | 0 | 0 |
| AUXILIARY WATER SUPPLY SYSTEM (AWSS) | | | | | | | | |
| Design | Jones Street Tank | | | | | | | |
| | | Soft Costs | 3,522,613 | 2,409,136 | | 1,693,928 | 11,476 | 703,732 |
| | | Construction | 4,225,034 | 4,225,034 | | 107,370 | 4,117,664 | 0 |
| | | Project Contingency | 343,853 | | | | | 0 |
| | | Subtotal | 8,091,500 | 6,634,170 | 0 | 1,801,298 | 4,129,140 | 703,732 |
| Design | Ashbury Heights Tank | | | | | | | |
| | | Soft Costs | 1,599,739 | 1,333,404 | | 1,200,668 | 41,668 | 91,068 |
| | | Construction | 3,610,805 | 3,610,805 | | 2,759,053 | 851,752 | 0 |
| | | Project Contingency | 271,247 | | | | | 0 |
| | | Subtotal | 5,481,791 | 4,944,209 | 0 | 3,959,721 | 893,420 | 91,068 |
| Design | Twin Peaks Reservoir | | | | | | | |
| | | Soft Costs | 1,305,819 | 1,908,774 | | 1,126,211 | 10,706 | 771,857 |
| | | Construction | 1,480,061 | 1,480,061 | | 68,455 | 1,411,606 | 0 |
| | | Project Contingency | 119,571 | | | | | 0 |
| | | Subtotal | 2,905,451 | 3,388,835 | 0 | 1,194,666 | 1,422,312 | 771,857 |
| PLANNING | Pump Station No. 2 | | | | | | | |
| | | Soft Costs | 9,510,082 | 8,233,940 | | 2,609,281 | 295,808 | 5,328,851 |
| | | Construction | 4,501,780 | 0 | | 0 | 0 | 0 |
| | | Project Contingency | | | | | | 0 |
| | | Subtotal | 14,011,862 | 8,233,940 | 0 | 2,609,281 | 295,808 | 5,328,851 |
| Design | Pump Station No. 1 | | | | | | | |
| | | Soft Costs | 3,453,628 | 3,536,591 | | 2,306,274 | 152,159 | 1,078,158 |
| | | Construction | 7,000,000 | 8,631,700 | | | 8,631,700 | 0 |
| | | Project Contingency | | | | | | 0 |
| | | Subtotal | 10,453,628 | 12,168,291 | 0 | 2,306,274 | 8,783,859 | 1,078,158 |

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

| Earthquake Safety & Emergency Response Bond Program ESER 2010 Program Budget Report - Expenditures as of 09/30/14 | | | | | | | | |
|--|------------------------------|---------------------|-------------------|-------------------|----------|----------------------|----------------------|------------------|
| Status | Project | Category | Baseline Budget | Appropriated | Reserve | Expended | FAMIS Encumbrance | Balance |
| | FIREFIGHTING CISTERNS | | | | | | | |
| Design | Contract No. 1 | | | | | | | |
| | | Soft Costs | 508,350 | 508,350 | | 508,057 ^q | 0 | 293 |
| | | Construction | 0 | 0 | | 0 | 0 | 0 |
| | | Project Contingency | | | | | | 0 |
| | | Subtotal | 508,350 | 508,350 | 0 | 508,057 | 0 | 293 |
| Design | Contract No. 2 | | | | | | | |
| | | Soft Costs | 8,563,894 | 8,303,183 | | 4,668,109 | 178,984 | 3,456,090 |
| | | Construction | 25,975,051 | 17,864,605 | | 6,947,154 | 6,245,366 | 4,672,085 |
| | | Project Contingency | | | | | | 0 |
| | | Subtotal | 34,538,945 | 26,167,788 | 0 | 11,615,263 | 6,424,350 | 8,128,175 |
| Design | Contract No. 3 | | | | | | | |
| | | Soft Costs | 51,047 | 51,047 | | 50,718 | 0 | 329 |
| | | Construction | 0 | 0 | | 0 | 0 | 0 |
| | | Project Contingency | | | | | | 0 |
| | | Subtotal | 51,047 | 51,047 | 0 | 50,718 | 0 | 329 |
| Design | Contract No. 4 | | | | | | | |
| | | Soft Costs | 124,402 | 124,402 | | 124,191 | 0 | 211 |
| | | Construction | 0 | 0 | | 0 | 0 | 0 |
| | | Project Contingency | | | | | | 0 |
| | | Subtotal | 124,402 | 124,402 | 0 | 124,191 | 0 | 211 |

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

| Earthquake Safety & Emergency Response Bond Program ESER 2010 Program Budget Report - Expenditures as of 09/30/14 | | | | | | | | |
|--|--|---------------------|--------------------|-------------------|----------|-------------------|----------------------|-------------------|
| Status | Project | Category | Baseline Budget | Appropriated | Reserve | Expended | FAMIS Encumbrance | Balance |
| PRE-DESIGN | FIREFIGHTING PIPES AND TUNNELS AWSS Modernization CIP Study | Soft Costs | 2,971,152 | 2,885,150 | | 2,646,674 | 238,251 | 225 |
| | | Construction | 0 | 0 | | 0 | 0 | 0 |
| | | Project Contingency | 28,848 | | | | | 0 |
| | | Subtotal | 3,000,000 | 2,885,150 | 0 | 2,646,674 | 238,251 | 225 |
| PLANNING | Pipes/Tunnels (Projects 11 thru 19) | Soft Costs | 6,340,775 | 4,006,497 | | 1,451,508 | 177,417 | 2,377,572 |
| | | Construction | 15,275,000 | 179,477 | | 179,477 | 0 | 0 |
| | | Project Contingency | | | | | | 0 |
| | | Subtotal | 21,615,775 | 4,185,974 | 0 | 1,630,985 | 177,417 | 2,377,572 |
| PLANNING | Contract No. 2 | Soft Costs | | 0 | | 0 | 0 | 0 |
| | Added to baseline budget above--> | Construction | | | | | | 0 |
| | | Project Contingency | | | | | | 0 |
| | | Subtotal | 0 | 0 | 0 | 0 | 0 | 0 |
| PLANNING | Contract No. 3 | Soft Costs | | 0 | | 0 | 0 | 0 |
| | Added to baseline budget above--> | Construction | | | | | | 0 |
| | | Project Contingency | | | | | | 0 |
| | | Subtotal | 0 | 0 | 0 | 0 | 0 | 0 |
| PLANNING | CUW AWS 01 | Soft Costs | 300,286 | 787,658 | | 79,731 | 0 | 707,927 |
| | | Construction | 0 | 0 | | | | 0 |
| | | Project Contingency | | | | | | 0 |
| | | Subtotal | 300,286 | 787,658 | 0 | 79,731 | 0 | 707,927 |
| AUXILIARY WATER SUPPLY SYSTEM (AWSS) | | Soft Costs | 39,568,750 | 35,405,095 | | 19,782,313 | 1,106,469 | 14,516,313 |
| | | Construction | 62,067,731 | 35,991,682 | | 10,061,509 | 21,258,088 | 4,672,085 |
| | | Project Contingency | 763,519 | 0 | | 0 | 0 | 0 |
| | | Subtotal | 102,400,000 | 71,396,777 | 0 | 29,843,822 | 22,364,557 | 19,188,398 |

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

| Earthquake Safety & Emergency Response Bond Program ESER 2010 Program Budget Report - Expenditures as of 09/30/14 | | | | | | | | |
|--|---------|---------------------|----------------------------------|--------------------|----------|--------------------------|----------------------|-------------------|
| Status | Project | Category | Baseline Budget | Appropriated | Reserve | Expended | FAMIS Encumbrance | Balance |
| ESER | | | | | | | | |
| | | Soft Costs | 111,246,793 | 92,082,565 | 0 | 71,692,417 | 3,705,730 | 16,684,417 |
| | | Construction | 286,061,007 | 233,408,576 | 0 | 188,890,368 | 39,859,919 | 4,658,290 |
| | | Project Contingency | 8,092,200 | 3,637,246 | 0 | 0 | 1,682,721 | 1,954,525 |
| | | Subtotal | 405,400,000 | 329,128,387 | 0 | 260,582,785 | 45,248,370 | 23,297,232 |
| BOND OVERSIGHT/ACCOUNTABILITY | | | 6,900,000 | 991,491 | | 375,432 | 616,059 | 0 |
| BOND COST OF ISSUANCE | | | | 2,015,126 | | 1,189,011 ⁽²⁾ | 0 | 826,115 |
| TOTAL ESER 2010 (CESER1) | | | 412,300,000⁽³⁾ | 332,135,000 | 0 | 262,147,228 | 45,864,429 | 24,123,343 |

As of 10/08/14, the FAMIS fiscal month 03 2015 (September 2014), actual expenditures are \$334,377,241. The variances from the report are as follows:

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

(a) less \$29,843,822 for actuals per FAMIS Project structure CUW AWS AW posted as of 10/08/14

(2) Bond Sale Premiums:

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

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

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

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

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

Total (CESER1)

\$332,135,000

\$71,471,984

(\$29,843,822)

(22,976.00)

\$5,118,923

(\$211,953)

\$16,898,268

\$6,213,547

\$2,606,056

\$334,377,241

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

OTHER SOURCES: Fire Facility Bond Funds & PSB FF&E

| Status | Project | Category | Baseline Budget | Appropriated | FAMIS | | | |
|---|---|---------------------|----------------------------------|--------------------|----------|--------------------|-------------------|-------------------|
| | | | | | Reserve | Expended | Encumbrance | Balance |
| PLANNING | NEW PIER FIRE BOAT HEADQUARTERS (CFCBLDFD24; Job Order 7424A) Fire Facility Bond Funds | Soft Costs | 0 | 0 | | 0 | 0 | 0 |
| | | Construction | 7,192,000 | 7,151,723 | | | | 7,151,723 |
| | | Project Contingency | 0 | | | | | 0 |
| | | Subtotal | 7,192,000 | 7,151,723 | 0 | 0 | 0 | 7,151,723 |
| PLANNING | FIRE BOAT SLAB REPAIR (Non-ESER1 related) (CFCBLDFD33, CFC918 000298 Job Order 7433A) Fire Facility Bond Funds | Soft Costs | 165,446 | 171,415 | | 168,669 | 0 | 2,746 |
| | | Construction | 192,554 | 244,345 | | 223,652 | 0 | 20,693 |
| | | Project Contingency | 38,696 | 21,235 | | | | 21,235 |
| | | Subtotal | 396,696 | 436,995 | 0 | 392,321 | 0 | 44,674 |
| PLANNING | FIRE STATION NO. 1 FF&E (Non-ESER1 related) (CFCBLDFD44; Job Order 7444A) Fire Facility Bond Funds | Soft Costs | 207,600 | 208,000 | | 114,562 | 0 | 93,438 |
| | | Construction | 514,400 | 513,977 | | 488,946 | 0 | 25,031 |
| | | Project Contingency | | 0 | | | | 0 |
| | | Subtotal | 722,000 | 721,977 | 0 | 603,508 | 0 | 118,469 |
| <u>PUBLIC SAFETY BUILDING</u> | | | | | | | | |
| CONSTRUCTION | PUBLIC SAFETY BUILDING (7410A) | FF&E | 5,721,909 | 5,721,908 | | 0 | 3,274,088 | 2,447,820 |
| Combined Total (ESER2010+Fire Facility Funds+7410A FF&E) | | | 426,332,605⁽³⁾ | 346,167,604 | 0 | 263,143,057 | 49,138,517 | 33,886,029 |

Prepared by the San Francisco Public Works, revised 10/14/14

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

Attachment 2 – Timeline and Schedule

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. |
| AWSS JONES STREET TANK Original/Baseline Budget | 8,091,500 | 08/01/11 01/27/12 | 01/30/12 04/19/13 | 04/22/13 05/27/16 | | | | | 181,300 Planning | | | | 882,302 Design | | | | 7,027,898 Construction | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Current/Approved | 8,091,500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Current/Projected | 8,091,500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Actual | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AWSS ASHBURY HEIGHTS TANK Original/Baseline Budget | 5,481,791 | 07/25/11 02/29/12 | 02/29/12 04/19/13 | 04/22/13 05/27/16 | | | | | 147,500 Planning | | | | 1,012,191 Design | | | | 4,322,100 Construction | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Current/Approved | 5,481,791 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Current/Projected | 5,481,791 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Actual | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AWSS TWIN PEAKS RESERVOIR Original/Baseline Budget | 2,905,451 | 06/01/11 01/27/12 | 01/30/12 04/19/13 | 04/22/13 05/27/16 | | | | | 203,600 Planning | | | | 732,247 Design | | | | 1,969,604 Construction | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Current/Approved | 2,905,451 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Current/Projected | 2,905,451 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Actual | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AWSS PUMP STATION NO. 2 Original/Baseline Budget | 14,011,862 | 7/25/2011 9/25/2012 | 9/26/2012 5/14/2015 | 5/15/2015 9/26/2016 | | | | | 584,255 Planning | | | | 1,855,327 Design | | | | 11,572,280 Construction | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Current/Approved | 14,011,862 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Current/Projected | 14,011,862 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Actual | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

| Contact | Title | Telephone No. | Cell No. | E-mail |
|------------------------|----------------------------------|----------------|----------------|------------------------------|
| Charles A. Higuera | Program Manager | (415) 557-4646 | (415) 307-7891 | charles.higuera@sfdpw.org |
| Gabriella Judd Cirelli | NFS Project Manager | (415) 557-4707 | (415) 279-4395 | gabriella.cirelli@sfdpw.org |
| Samuel Chui | PSB Project Manager | (415) 558-4082 | (415) 272-8293 | samuel.chui@sfdpw.org |
| Magdalena Ryor | OCME & FSD/TC Project Manager | (415) 557-4659 | (415) 602-0930 | magdalena.ryor@sfdpw.org |
| Jim Buker | Senior Architect | (415) 557-4758 | (415) 225-9481 | jim.buker@sfdpw.org |
| Chethana Gowda | Project Mgr. Asst. | (415) 557-4627 | | chethana.gowda@sfdpw.org |
| Andrew Christensen | Project Mgr. Asst. | (415) 557-4639 | | andrew.christensen@sfdpw.org |
| Marisa Fernandez | Financial Analyst | (415) 557-4653 | | marisa.fernandez@sfdpw.org |
| Carlos Colón | Financial Analyst | (415) 557-4655 | | carlos.colon@sfdpw.org |



Public Utilities Commission

525 Golden Gate Avenue, 9th Floor | San Francisco, CA 94102

| Contact | Title | Telephone No. | Cell No. | E-mail |
|---------------|-----------------|----------------|----------------|----------------------|
| David Myerson | Project Manager | (415) 934-5710 | (415) 500-5449 | dmyerson@sflower.org |