



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 Fire Department
- San Francisco Police Department
- Public Utilities Commission

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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 February 2016.

The street will be open to public pending completion of sidewalk and other sitework by Mission Bay Development Group.

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 and Station 5

Station 16: 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.

Station 5: The NTP for CM/GC pre-construction services with Thompson Builders was issued in November to coincide with the start of the Construction Documents phase.

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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 – new apparatus bay doors and rebuild the driveway/apron. 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 Public Works BSM issued the permit on November 17, 2015. SFMTA and Planning Department approval was granted to allow permit issuance. Construction by Public Works is scheduled to begin in January 2016.

Focused Scope Projects

Focused Scope portfolio is organized into six packages. In this reporting period, the following projects were completed: Station 17 Generator, and Stations 13, 26, 38, 40 & 41 Showers. All ESER 2010 Focused Scope work (roofing, exterior envelope, generator, shower, mechanical and window) is now complete. Refer to the Neighborhood Fire Stations full report for further detail.

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 continued for Pumping Station 2.

Construction continued for Cisterns D (WD-2745) contract and started for Cisterns E (WD-2746) contract. Cisterns F (WD-2747) construction contract bids are being reviewed. Planning and design work continued for pipeline, tunnel, and Flexible Water Supply System projects.

Budget

To date, the ESER 2010 has received the proceeds of five bond sales totaling \$387,085,000 and has expended \$321,222,856 through December 2015. Out of the \$321,222,856, \$231,325,976 is for the PSB; \$30,405,098 is for the NFS; \$56,626,801 is for AWSS; and \$36,092 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.

Executive Summary

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 January 12, 2016.

Clark Construction has completed pre-qualification process and issued RFQ/RFP documents. Bid packages were divided into four groups:

- BP #1 – Demolition & Earthwork
- BP #2 – Structural, Concrete, Driven Piles, Methane Barrier
- BP #3a – Mechanical, Electrical, Plumbing, Laboratory Equipment, Elevators
- BP #3b – Remaining Trades such as Painting, Flooring, Windows, Doors, Hardware, Glazing, Site Utilities

Bids were received for Bid Packages #1, #2, and #3a on October 2, 2015, October 23, 2015, and December 10, 2015, respectively. Bid Packages #1 and #2 proposals are within the budget. Bid Package #3a pricing is under review.

Construction started on 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. Remaining design permit package was divided into two sets: Architectural and MEP; both under review. Expected approval for both sets is end of January 2016.

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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

Notice to Proceed for the Program Validation and Conceptual Design phases was issued on October 13, 2015 to HOK Architects.

Neighborhood Fire Stations

The ESER 2014 NFS program is comprised of three sub-components: Focused Scope, Comprehensive, and Seismic projects. Upon receipt of bond funding in October 2014, the NFS team began building assessments to evaluate conditions and establish needs per station. Upon SFFD approval, the NFS team then moved forward with planning and design of early Focused Scope projects while continuing building assessment and historical preservation evaluations.

Stations for each sub-component of work (Focused Scope, Comprehensive, and Seismic) have been identified. The early Focused Scope projects are organized into eight (8) packages including Apparatus Bay Doors, Roofing, Showers, Windows, Exterior Envelopes, Mechanical, Sidewalks, and Emergency Generators and Security Access. Refer to the Neighborhood Fire Stations full report for further detail.

Station 35 – responses to the RFQ for A/E and sub-consulting services were received in September and GHD was subsequently selected. Contract negotiations are on-going and expect NTP next quarter.

Police Facilities

A preliminary project portfolio was identified which consists of focused scope and comprehensive renovation projects. The portfolio was presented to the Police Chief in November and will be presented to the Police Commission first quarter of 2016. Two early focused scope projects are underway to address accessibility issues at 10 district stations. ADA Package 1 was designed and permitted, construction begins January 2016. ADA Package 2 is currently under design; there is a more extensive site upgrade component to this package, site survey was authorized and completed.

The comprehensive renovation project at Northern Police Station which will address seismic upgrade, MEP system upgrade, and roof refinish also kick started. We are in the process of assembling a team of Architects / Engineers for the design work and soliciting fee proposals.

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Budget

The ESER 2014 budget is \$400,000,000 with an authorized appropriation \$100,656,179. The expenditures thru December are \$37,333,970 of which \$11,459,223 is for the Office of the Chief Medical Examiner; \$18,578,768 is for the Traffic Control & Forensic Services Division; \$1,311,962 is for the Police Facilities; \$3,649,378 is for the Neighborhood Fire Stations; \$1,584,182 is for Emergency Firefighting Water System (EFWS); and \$750,458 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 Measures, Item D.02, this facility will be retained and reused in a manner that preserves its

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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

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

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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)

7437A Generators – Station 17

After

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, hindering the ability of the firefighters to respond to calls for service.

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

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

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

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

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

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 2010. 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. Public appeals to the Site Permit and CEQA determination were denied in May and June, 2015. Design team developed the design to incorporate SFFD-directed changes, and submitted the building permit addendum on December 8, 2015.

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 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, 2015 contingent upon consideration of an alternate height of curtainwall and options for exterior cladding materials. CDR Phase III informal meeting is scheduled for January 11, 2016.

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Response to the Request for Proposals for CM/GC services were received July 31, 2015. Thompson Builders has been determined as the highest-ranked CM/GC proposer. The kick-off meeting with Thompson was held on December 16, 2015. Pre-construction services will begin June 2016 to coincide with the development of construction documents. Thompson Builders is reviewing drawings as part of constructability review.

The site permit application was submitted to Planning in June 2015, and BDC received the first set of comments on December 16, 2015. The application was resubmitted on December 23, 2015 to address the planning comments. Planning approved on December 30, 2015. The site permit is expected within two to three months after final review and approval by DBI and Public Works-BSM plan checkers.

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 and prospective project at the location of FS9 was completed during this reporting period – see ESER 2014 for description of work in this regard.

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.

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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 in conjunction with the apron and sidewalk work. 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. Design work has been rendered, and Public Works BSM issued the permit on November 17, 2015. SFMTA and Planning Department approval was granted to allow permit issuance. Construction by Public Works is scheduled to begin in January 2016.

The forecast cost at completion reflects an increase in construction and design costs of 18%. 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 13% which is being used to offset the costs for Station 36 and it supplements the Program-wide reserve by 81%. 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 (Station 2); Package 3 (Stations 18, 40 and 31), Package 4 (Stations 15, 17, 26, and 32), and Package 5 (Stations 10 and 13) roofs. Per SFFD direction, the 2011 package and Package 2 were completed by JOC contractors, and the balance of the projects were bid out to C39 roofing contractors.

Detail: All work is complete.

Exterior Envelope (BBR) – 16 Stations

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

Detail: All work is complete.

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Emergency Generator Replacement – 5 Stations

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

Detail: Stations 6, 12, 15 and 21 were completed in 2014. The initial substantial completion for Station 17 was May 19, 2014, which was extended to July 11, 2014 due to PG&E scheduling conflicts and coordination with the exterior envelope work. Issues with PG&E wiring type required a further extension to August 2014, pending resolution with PG&E. The new generator's engine failed and was replaced by the manufacturer on September 15, 2014. The fuel tank size was then required to be replaced and upgraded with a higher capacity to properly accommodate the required 72 hour back up period. JOC contractor Nicole's Work pricing for the new tank was delayed. Proposal was received in December 2014. The new tank would be a long lead item which would take minimum 8 to 10 weeks for fabrication and delivery. Contractor attempted to obtain the construction permit with DBI in March 2015. DBI plan check reviewers requested changes and explanation regarding the run time and load calculations, vent connection and structural details at the concrete base from Public Works IDC designers. This continued to further delay the work. Manufacture and Public Works IDC provided and confirmed information to address DBI comments on June 24, 2015. Contractor obtained the DBI permit on August 5, 2015, but delayed the submission of the revised proposal including all the new ancillary work required by DBI until September 2015. Contractor resumed work on site to install the fuel tank in November 2015. Work was completed on December 11, 2015. Closeout is in progress - last report.

All work is complete.

Shower Reconstruction – 9 Stations

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

Detail: The last shower package including Stations 13, 18, 26, 38, 40 & 41 was advertised on April 23, 2014, and awarded to the contractor, Wickman Development and Construction, on May 30, 2014. NTP was issued to Wickman on July 7, 2014. The project started construction on October 14, 2014, reached substantial completion on September 15, 2015, and final completion on October 15, 2015 per latest approved schedule. Project closeout is in final phase and will be complete before end of January 2016 – last report.

All work is complete.

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Mechanical Scope (JOC) – 15 Stations

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

Detail: All work is complete.

Window Repair (BBR) - 12 stations

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

Detail: This work is complete.

Historic Evaluation and Environmental Review

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

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

Project Budget:

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

Neighborhood Fire Stations (ESER 2014)

Window –Station 8



Before

Shower - Stations 13 & 34



Station 34 (before)



Station 34 (during construction)

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Station 13 (during construction)

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 have been 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 first quarter 2016. 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 has incorporated the city comments and forwarded the revised report to DBI Planning in October for an initial review and approval. DBI returned with comments and required the submittal of an environmental application (EEA) for the projects before the report can be reviewed. The application will be submitted to DBI in the first quarter of 2016.

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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, sidewalk, emergency generator, and mechanical projects. Design began in January 2015 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 *Immediate 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 (Stations: To be determined):

The scope is to install new app bay doors at various stations. Project was placed on hold per SFFD direction in May 2015. 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 replacement of roofing, HVAC and generator):

The scope is to replace and install the new roof, HVAC and emergency generator at Station 3. The first bid opening was scheduled for July 22, 2015. 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 2015 where Centric Construction was the apparent lowest bidder. No protest was filed – award and certification underway. NTP is anticipated in January 2016.

Package 2 (Station 40 roof replacement in-kind):

The scope consists of replacing the roof in-kind at Station 40. Due to the appearance of water infiltration, BDC was directed by SFFD to assemble a package for public bid ASAP, while Stations 43 and 49 as discussed would be put together as a separate package. The

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package was advertised in November 2, 2015 with bid due on November 12, 2015. Pioneer Roofing was the apparent lowest bidder for the project. No protest was filed – award and certification underway. NTP is anticipated in January 2016.

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 at Fire Station 3. To prevent the rain intrusion the mechanical units at the roof of Fire Station 17, BDC proposed to install a kemper flashing system to waterproof the connecting points between the mechanical units at the roof. The \$10K-and-under informal contract was in place in October 2015 to hire Pioneer Roofer to immediately repair the two stations. Repair work started in October 30, 2015, and completed by mid November 2015. Closeout is in progress.

Package 5 (Stations 43 & 49 – combining roof and mechanical upgrades):

Planning has started; anticipated to advertise the package in the second quarter of 2016.

Showers

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

The original scope consists of renovating the existing showers at 4 stations. Project was advertised on June 3, 2015 with bid due on June 24, 2015. R&S Construction was the apparent lowest bidder. The project held an NTP, Pre-Conference, and Partnering Kickoff Meeting on October 7, 2015. Construction (Phase 1 of 2) started on November 6, 2015. Phase One will be completed by January 2016 before starting work in Phase Two which will include FS 20 and FS 17. FS 17 was a change order work added to Shower Package 1 approved by SFFD on November 16, 2015. DBI permit was secured on December 24, 2015. Contractor is submitting revised schedule to reflect the extended construction duration due to the change order work. Original substantial completion was March 2016.

Windows

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

The scope consists of installing new latch, handle, weep holes, sealant and weatherstrip to existing windows and skylights, and adjusting alignment and resealing the perimeter of the frame to water tight at four stations. BBR was selected to perform the work. The first window package started in July 2015, and was completed in October 2015, ahead of schedule. Work has been inspected for completion and compliance. BBR has submitted schedule for Package 4 for review and approval before work is commenced. See report below for detail of Package 4.

Earthquake Safety and Emergency Response Bond Program

(ESER 2010 & 2014)

Package 2 (Station 7 Training Tower):

SFFD confirmed in August 2015 that the window repair of FS 7 Training Tower has been complete using SFFD maintenance (funding under \$10,000). No additional work is required at this moment.

Package 3 (Station 25):

FS 25 of Package 3 had moved to Package 1 per SFFD direction and it was completed in October 2015.

Package 4 (Stations 8, 20 & 21):

Per meeting on September 28, 2015, SFFD directed to start this package as soon as Package 1 is complete. BBR completed Package 1 in October 2015. FS 8 of Package 4 started on December 7, 2015 and was completed by the end of December 2015. FS 20 will start on January 5, 2016 and will be completed before end of January 2016, followed by the start of FS 21. FS 24 is determined to be a bundled package combining window and exterior envelope repair together - details to be confirmed.

Exterior Envelopes

Package 1 (Stations 8, 23 & 29):

The scope includes new paint and power wash to exterior facade of the stations. BBR was selected to perform the work per SFFD direction. Site walks were scheduled in April and May 2015 with BBR and project team. FS 8, 23 and 39 quotes were provided to SFFD on August 31, 2015 for review. SFFD has indicated Package 3 shall be pursued first with no timeline for approval of package 1 which is primarily an exterior painting project. DPW Design Team documented existing conditions in design drawings; solicited BBR cost estimate; and proposed colors to SFFD. Per meeting on September 28, 2015, BDC was instructed by SFFD to resume design work in January 2016 with NTP anticipation in March 2016.

Package 2 (Stations 24 & 34):

The scope of work consists of restoration of select exterior façade elements including brick re-pointing and limited replacement, lintel repair and re-coating, replacement of damaged glazing, repainting of stucco in select areas, replacement of parapet finishes (FS 24 only), limited flashing repair, and replacement of metal guard at FS 34. Site walk with BBR was held on May 28, 2015 for Station 24, and June 11, 2015 for Station 34. BBR provided pricings to BDC for review on July 17, 2015. 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 be put together for Public Works public bidding. Planning has started in the fourth quarter of 2015. Historic Consultant will be brought to the team to provide expertise on brick and historical element preservation and repair in the first quarter of 2016. It's anticipated to advertise the project in the second quarter of 2016

Earthquake Safety and Emergency Response Bond Program

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Package 3 (Stations 11 & 20):

The scope of work includes repair deficiencies at the exterior envelope of the stations, power wash all surfaces, and prepare substrates required to receive new paint at the exterior façade. 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 BBR quotes in September 2015 and instructed to start work at these sites. NTP was anticipated in November 2015, however due to rain, SFFD has directed to postpone the start of work and will evaluate when to resume after passing the rain season in the first quarter of 2016.

Mechanical

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

The scope is structured into two phases: Phase 1 – Investigation and Scope Validation of the existing mechanical units at the selected stations, and Phase 2 – Execution of Work including removal, repair, replacement or upgrade of the existing mechanical units based on the survey findings and approved recommendation.

Per meeting on August 6, 2015, Public Works received SFFD approval to proceed with FS 8, 9, 14, 20 & 41 as the first mechanical package. Public Works put together an initial project scope of the first mechanical package for Job Order Contract (JOC) Contractor to review and start pricing. Public Works held a kickoff meeting with the JOC Contractor, Empire Engineer, on October 21, 2015. Site walks were followed in October and December 2015 to complete the survey at all 5 stations. JOC Contractor is submitting assessment reports including survey and recommendation for review and discussion in the first quarter of 2016.

Package 2 (Station 49)

This package has been determined to be a one-station package combining the roof and mechanical upgrades. See report above, Roof Package 5, for details.

Sidewalks

Package 1 (Station 13):

The street and sidewalk replacement at FS 13 was declared as an urgent repair on July 10, 2015 due to a serious vehicle bottoming-out situation of the fire truck. Project Team met on site on July 15, 2015 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 2015 to discuss the long term solution. Per SFFD direction in September 2015, no long term/permanent solution is requested at the moment. Project was completed, and no further action is required.

Earthquake Safety and Emergency Response Bond Program

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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 match surrounding at the floor slab by the app bay door at FS 31. Two options were presented to SFFD, and in September 2015, Option Two was approved by SFFD. BSSR has provided brick sample for review and approval, and is preparing the work plan and schedule for review prior to start of work. Work is anticipated to start and complete in the first quarter of 2016.

Package 3 (Stations 20 & 26):

Engineer's field reports were provided to SFFD to review and comment in May 2015. Project is put on hold for further investigation and review per SFFD direction, pending finalization of entire 2014 project portfolio.

Emergency Generators

Package 1 (Stations 19, 31 & 39):

The scope is to replace the existing emergency generators and their ancillary scopes. As-needed contractor, GHD engineering, was brought on board to provide mechanical and electrical consultation at the three stations. GHD has discussed concepts, proposed design schemes at the meetings, and provided bid package for Station 39 on June 5, 2015. The project is on hold currently per SFFD direction due to high cost, pending finalization of the entire 2014 project portfolio.

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.

Responses to the RFQ for A/E and sub-consulting services were received in September and GHD was subsequently selected. Contract negotiations are on-going and expect NTP next quarter.

Emergency Medical services (EMS)

SFFD requested Public Works to prepare a program analysis and cost estimate for the BOE and EMS for consideration as a project to be funded by ESER 2014.

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Public Works completed program analysis and conducted test fits of for the EMS Facility at four locations. The optimal site was found to be a consolidation of two properties owned by the City, the equipment yard located behind Fire Station No. 9, at 2245 Jerrold Ave., combined with an adjacent vacant railroad right-of-way that extends from Jerrold Avenue to McKinnon Avenue. The budget for the EMS Facility is \$44M, for a project scheduled to be completed in 2020.

During the capital project prioritization and planning phase of ESER 2014, SFFD decided that, due to other high priority capital needs, the EMS Facility project cannot be included in the list of projects to be constructed by ESER 2014. Therefore, the EMS Facility project is deferred to a subsequent capital program. SFFD has requested the EMS Facility be included in the Public Health and Safety Bond which is currently planned to be placed on the ballot in June or November 2016.

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

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

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

Earthquake Safety and Emergency Response Bond Program

(ESER 2010 & 2014)

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 contract. 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. Design completion 8/2016.
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 2/2016.
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 6/2016.
6. FWSS Street Crossings – Install new fixed-pipe below-ground crossings at selected priority streets to allow FWSS hose deployment without affecting traffic on those streets. Schedule pending.
7. 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 contract. Design completion 5/2016.
8. Lake Merced AWSS Pipeline and FWSS – 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 coordination with the Parkmerced development project. Schedule pending.
9. McLaren Park Tank FWSS – Procure pump and hose equipment, modify tank discharge piping, and install below-ground crossings at selected priority streets to

Earthquake Safety and Emergency Response Bond Program

(ESER 2010 & 2014)

provide fire suppression water distribution capability from McLaren Park Tank. Schedule pending.

10. 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.
11. Pumping Station 2 – Improve the seismic performance of the building structure. Design completion 2/2016.
12. Street Valve Motorization – Motorize street valves on AWSS pipelines for better water flow control. Design completion 1/2016.
13. Sunset Reservoir FWSS – Procure pump and hose equipment, modify reservoir discharge piping, and install below-grade crossings at selected priority streets to provide fire suppression water distribution capability from Sunset Reservoir. Schedule pending.
14. 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. Final completion 2/2016.
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 coordination with the Candlestick Point development project and will be constructed as part of Public Works’ Potrero Streetscape contract. Schedule pending.
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 contract. Schedule pending.
5. Control System – Improve the AWSS control and telecommunications systems. Services are being procured to implement hardware and software improvements. Final completion 12/2016.
6. Jones Street Tank – Install new tank foundation and piping. Final completion 2/2016.
7. Jones Street Tank Valve Motorization – Motorize valves to control flow between pressure zones. Final completion 2/2016.
8. Pumping Station 1 – Install new diesel engines for seawater pumps. Final completion 5/2016.
9. Pumping Station 1 Tunnel – Improve the seismic performance of the Pumping Station 1 seawater tunnel by installing resilient inserts. Some of the planned improvements need to wait until obstructing piles are removed from the mouth of the tunnel; otherwise, completion 2017.

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

- 10. Twin Peaks Reservoir – Repair concrete and install new piping. Final completion 2/2016.
- 11. Twin Peaks Reservoir Concrete-Joint Sealing – Install sealant on concrete joints to reduce water leakage. Final completion 2/2016.

Completed

Cisterns C – Contract WD-2697 accepted 11/10/2015. Final contract amount \$4,098,410.

Cisterns

Construction continued for Cisterns D (WD-2745) contract and started for Cisterns E (WD-2746) contract. Cisterns F (WD-2747) construction contract bids are being reviewed. Eighteen of the thirty planned cisterns are functional.

Contract	#	Location	Contract Award	Construction	Constructing	Substantially Complete	Contract Schedule
Cisterns D (WD-2745)	1	Amber Dr., Duncan St.			✓		Substantial Completion April 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)



Before



After

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.

Earthquake Safety and Emergency Response Bond Program

(ESER 2010 & 2014)

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:

The selected architect, KMD, submitted pre-conformance CD set for bidding purposes on November 24, 2015. Conformance Set is due on January 12, 2016. The City decided to implement an incremental submittal of permit packages strategy in order to shorten DBI's permit review durations. Site Permit was approved on August 6, 2015. The revised permit packaging strategy is as follows:

- **Addendum #1 Demolition** – approved on September 1, 2015
- **Addendum #2 Structural** – approved on September 22, 2015
- **Addendum #3 Remaining Design Architectural Set**– submitted on August 7, 2015; approval requested by November 23, 2015; re-check meeting scheduled on November 24, 2015; approval delayed; expected sign off – January 2016
- **Addendum #4 Health** – with Mark Walls, DBI, to be submitted when all information is updated (not required prior to start of construction)
- **Addendum #5 Add Alternates** – submitted on September 9, 2015; approval requested in the week of November 23, 2015; revised approval date – December 31, 2015; approval delayed; expected sign off – January 2016
- **Addendum #6 Generator/Fuel Tank** – to be submitted in January 2016
- **Addendum #7 Remaining Design MEP Scope** – submitted on August 7, 2015; approval requested by November 23, 2015; revised approval date - December 18, 2015; approval delayed; expected sign off – January 2016

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. Trade subcontractors' pre-qualification process has been completed. Three or more subcontractors were pre-qualified per trade. Bidding commenced on October 2, 2015. The results are as follows:

Earthquake Safety and Emergency Response Bond Program

(ESER 2010 & 2014)

- Bid Package #1 – Demo - bids received on October 2, 2015; re-bid conducted on October 23, 2015.
 - Earthwork awarded to McGuire & Hester
 - Building Demolition awarded to Silverado

- Bid Package #2 – Structural - bids received on October 2, 2015.
 - Driven Piles awarded to Foundation Constructors
 - Structural Steel awarded to Gayle Manufacturing
 - Concrete awarded to Conco
 - Methane Barrier awarded to Advanced Technologies

- Bid Package #3a - MEPs and Lab Equipment – bids received on December 10, 2015.
 - Re-bidding Plumbing, HVAC, and Fire Protection - January 5, 2016
 - Electrical awarded to Helix Electric
 - Roofing awarded to FD Thomas
 - Elevators awarded to Ascent Elevator Services
 - Casework awarded to ISEC
 - Lab Equipment and glazing are under review

- Bid Package #3b - Remaining Trade Packages – bids due on January 12, 2016.

Bids received for Bid Packages #1 and #2 are within the budget. 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.

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. Project 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 September 18, 2015 lists 64 points under "yes" and 4 points are under "maybe" category.

Community Outreach

- Community Outreach meeting was held on November 12, 2015 at Southeast Community Facility located at 1800 Oakdale Avenue.
- Ten people from the community were in attendance; three representatives from ABU who were very interested in providing job opportunities for local residents during construction and also at the new ME facility when it is completed.

Earthquake Safety and Emergency Response Bond Program

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- Clark Construction is committed to exceed LBE goal of 20% employing the following strategy:
 - Clark will conduct a series of Contractor Outreach Meetings and Certification and Bonding Assistance Workshops at SF Contractors Assistance Center
 - Set up Request for Qualifications Conferences for LBEs
 - Trade Packages to be publicly advertised and bid; Clark will call and email to LBEs
 - Matchmaking sessions with LBEs to be conducted in the near future

- Clark Construction is committed to exceed City's Local Hire goal of 30% utilizing the following strategy:
 - Work with CityBuild to identify potential SF workers on the project
 - CityBuild Employment Liaison will identify potential candidates from the Bayview
 - Clark's Project Team will conduct CityBuild Orientation with each Subcontractor to ensure compliance with Local Hire requirements and maximize workforce participation of SF and Bayview residents
 - Workforce participation will be monitored on project to maximize participation of Bayview area and San Francisco residents

- Community Outreach meetings will be held quarterly; next meeting is tentatively scheduled in mid-January 2016 at the Southeast Community Facility.

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, was completed. Kick-off meeting was conducted on October 23, 2015. Program validation report was submitted on December 18, 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 in November 2015 for endorsement. Two ADA upgrade projects are currently under design and construction (see below). Additionally, a new project to provide seismic and MEP system upgrade at Northern Station will also begin in January 2016. 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. San Francisco Public Work's BBR Division has been selected to perform the work and construction will begin January 2016 for a total budget of \$345,086.94.

ADA Package 2

The project addresses accessibility issues at the following stations: Richmond, Taraval, Ingleside, Park, and the Police Academy. Design is underway and expected to be complete January 2016. Construction will likely occur in the 2nd and 3rd quarter of 2016.

Northern Station Comprehensive Renovation

The project will provide seismic and MEP system upgrade at Northern Station, it will also include re-roofing the existing building. Preliminary design begins in January 2016, DD and CD to begin in February 2016. The goal is to start construction in the 4th quarter of 2016.

Earthquake Safety and Emergency Response Bond Program

(ESER 2010 & 2014)

Other Status Updates

1. Historic Resource Evaluation Report
 - a. The final HRE report was completed by Page and Turnbull in November 2015.

2. Hazardous Materials Report
 - a. EnviroSurvey, Inc. was hired to conduct hazardous material survey on all 12 police facilities. All field works were completed in December 2015.
 - b. Hazardous material reports are expected to be finalized in the first quarter of 2016.

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 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 be reported under the ESER 2014. (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 (3C XCF 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

(ESER 2010 & 2014)

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.

Earthquake Safety and Emergency Response Bond Program

(ESER 2010 & 2014)

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

(ESER 2010 & 2014)

ESER 2014

The ESER 2014 budget is \$400,000,000. The total approved appropriation is \$100,656,179. 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	\$34,252,623	\$29,642,377
9100A Traffic Control & Forensic Services Division (FSD)	\$165,000,000	\$162,195,000	\$30,319,675	\$131,875,325
Police Facilities (PF)	\$30,000,000	\$29,490,000	\$6,882,940	\$22,607,060
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	\$1,050,340	\$5,749,660
Total (CESER2)	\$400,000,000	\$400,000,000	\$100,656,179	\$299,343,821

The OCME budget is \$63,895,000 of which \$34,252,623 has been appropriated. Future bond sale(s) totaling \$29,642,377 would be needed to fully fund this component.

The FSD budget is \$162,195,000 of which \$30,319,675 has been appropriated. Future bond sale(s) totaling \$131,875,325 would be needed to fully fund this component.

The Police Facilities budget is \$29,490,000 of which \$6,882,940 has been appropriated. Future bond sale(s) totaling \$22,607,060 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 \$1,050,340 has been appropriated.

Expenditures and Encumbrances

Total expenditures and encumbrances through December 31, 2015 are \$37,333,970 and \$23,395,209 respectively. The combined totals represent 37% of the appropriation of and 9% of the budget. The expenditures of \$37,333,970 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 12/31/15								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
PUBLIC SAFETY BUILDING								
CONSTRUCTION	PUBLIC SAFETY BUILDING (CESER1 PS; 7400A & 7410A)	Soft Costs	42,887,320	42,887,320		42,760,169	675,289	-548,138
		Construction	193,774,659	193,774,659		188,565,807	3,572,418	1,636,434
		Project Contingency	0	0		0	0	0
		Subtotal	236,661,978	236,661,978	0	231,325,976	4,247,707	1,088,296
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	2,447,754	2,322,659		2,467,042	351	-144,734
		Construction	8,167,955	8,262,895		8,163,266	96,639	2,990
		Construction Contingency	0	18,168				18,168
		Subtotal	10,615,708	10,603,722	0	10,630,309	96,990	-123,577
PLANNING	COMPREHENSIVE: STATION 44 (CESER1 FS38; Job Order 7438A)	Soft Costs	380,156	380,159		380,157	0	2
		Construction	1,000,813	1,000,813		1,000,813	0	0
		Construction Contingency	0	0		0		0
		Subtotal	1,380,969	1,380,972	0	1,380,970	0	2
PLANNING	COMPREHENSIVE: STATION 36 (CESER1 FS27; Job Order 7427A)	Soft Costs	1,404,791	1,403,306		1,143,380	22,863	237,064
		Construction	4,241,546	4,241,546		4,223,653	17,281	612
		Construction Contingency	20,460	15,816		0		15,816
		Subtotal	5,666,797	5,660,668	0	5,367,033	40,144	253,492
PLANNING	SEISMIC: STATION 5 (New 2-story) (CESER1 FS40; Job Order 7440A)	Soft Costs	4,057,686	2,463,130		1,836,550	254,290	372,290
		Construction	13,328,174	2,649,178		9,094	240,500	2,399,584
		Construction Contingency	1,299,976	0		0		0
		Subtotal	18,685,836	5,112,308	0	1,845,644	494,790	2,771,874
PLANNING	SEISMIC: STATION 9 UTILITY ISOLATION (CESER1 FS41; Job Order 7441A)	Soft Costs	80,000	80,000		0	0	80,000
		Construction	96,000	96,000				96,000
		Construction Contingency	24,000	24,000				24,000
		Subtotal	200,000	200,000	0	0	0	200,000
PLANNING	SEISMIC: STATION 16 (New 2-story) (CESER1 FS42; Job Order 7442A)	Soft Costs	3,377,086	2,346,872		2,090,383	175,113	81,375
		Construction	7,435,914	17,841		17,841	0	0
		Construction Contingency	704,841	44,001		0		44,001
		Subtotal	11,517,841	2,408,714	0	2,108,224	175,113	125,376

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

Earthquake Safety & Emergency Response Bond Program ESER 2010 Program Budget Report - Expenditures as of 12/31/15								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
PLANNING	NEW PIER FIRE BOAT HEADQUARTERS (CESER1 FS24; Job Order 7424A)	Soft Costs	726,450	726,450		222,231	463,618	40,601
		Construction	0	0		0		0
		Project Contingency	0					0
		Subtotal	726,450	726,450	0	222,231	463,618	40,601
PLANNING	EQUIPMENT LOGISTICS CENTER (CESER1 FS26; Job Order 7425A)	Soft Costs	17,680	17,680		8,179	0	9,501
		Construction						0
		Project Contingency						0
		Subtotal	17,680	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	11,299,709	9,122,510		8,842,508	311,358	-31,356
		Construction						0
		Program Reserve	3,889,008					0
		Subtotal	15,188,717	9,122,510	0	8,842,508	311,358	-31,356
PLANNING	NEIGHBORHOOD FIRE STATIONS SUMMARY (CESER1 FS)	Soft Costs	23,791,312	18,862,766	0	16,990,430	1,227,593	644,742
		Construction	34,270,402	16,268,273	0	13,414,668	354,420	2,499,186
		Project Contingency	5,938,285	101,985	0	0	0	101,985
		NFS GOB Proceeds	0	6,868,463		0		6,868,463
		Subtotal	64,000,000	42,101,487		30,405,098	1,582,013	10,114,376

(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 12/31/15								
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	2,563,538		2,309,864	64,450	189,224
		Construction	4,225,034	4,285,103		3,879,194	216,845	189,064
		Project Contingency	389,445					0
		Subtotal	8,091,498	6,848,641	0	6,189,058	281,295	378,288
Construction	Ashbury Heights Tank							
		Soft Costs	1,511,329	1,279,434		1,238,079	109	41,246
		Construction	3,610,805	3,692,882		3,250,012	297,421	145,449
		Project Contingency	359,657					0
		Subtotal	5,481,791	4,972,316	0	4,488,091	297,530	186,695
Construction	Twin Peaks Reservoir							
		Soft Costs	1,335,194	1,173,680	0	1,173,680	0	0
		Construction	1,480,061	1,534,360		1,415,920	97,498	20,942
		Project Contingency	90,196					0
		Subtotal	2,905,451	2,708,040	0	2,589,600	97,498	20,942
Design	Pump Station No. 2							
		Soft Costs	3,985,020	4,063,588	0	3,641,503	112,131	309,954
		Construction	10,026,842	11,262,381		47,381	0	11,215,000
		Project Contingency						0
		Subtotal	14,011,862	15,325,969	0	3,688,884	112,131	11,524,954
Construction	Pump Station No. 1							
		Soft Costs	4,321,929	3,562,313	0	3,010,796	10,581	540,936
		Construction	8,631,700	9,037,558		5,005,253	3,972,512	59,793
		Project Contingency						0
		Subtotal	12,953,629	12,599,871	0	8,016,049	3,983,093	600,729

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

Earthquake Safety & Emergency Response Bond Program ESER 2010 Program Budget Report - Expenditures as of 12/31/15

Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
FIREFIGHTING CISTERNS								
Complete	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	7,677,536	0	6,537,482	2,029	1,138,025
		Construction	26,687,886	29,353,020		15,859,373	7,174,566	6,319,081
		Project Contingency						0
		Subtotal	34,690,064	37,030,556	0	22,396,855	7,176,595	7,457,106
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 12/31/15								
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	7,701
Various	Pipes/Tunnels (Projects 11 thru 19)	Soft Costs	7,367,599	6,356,071		3,534,522	641,265	2,180,284
		Construction	11,748,177	2,368,940		658,974	282,332	1,427,634
		Project Contingency						0
		Subtotal	19,115,776	8,725,011	0	4,193,496	923,597	3,607,918
Program	CUW AWS 01	Soft Costs	384,409	9,423,040		327,111	80,122	9,015,808
		Construction	0	0				0
		Project Contingency						0
		Subtotal	384,409	9,423,041	0	327,111	80,122	9,015,808
AUXILIARY WATER SUPPLY SYSTEM (AWSS)		Soft Costs	35,150,197	40,865,756		26,510,691	931,889	13,423,178
		Construction	66,410,505	61,534,244		30,116,107	12,041,174	19,376,963
		Project Contingency	839,298	0		0	0	0
		Subtotal	102,400,000	102,400,000	0	56,626,798	12,973,063	32,800,141

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

Earthquake Safety & Emergency Response Bond Program ESER 2010 Program Budget Report - Expenditures as of 12/31/15								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
ESER								
		Soft Costs	101,828,829	102,615,842	0	86,261,290	2,834,771	13,519,782
		Construction	294,455,566	278,445,639	0	232,096,581	15,968,012	30,381,045
		Project Contingency	6,777,583	101,985	0	0	0	101,985
		Subtotal	403,061,977	381,163,465	0	318,357,871	18,802,783	44,002,813
Controller's Reserve (Ordinance 60-15)			2,338,024	2,338,024				
BOND OVERSIGHT/ACCOUNTABILITY			6,900,000	1,155,210		472,771	682,439	0
BOND COST OF ISSUANCE				2,428,301		2,392,210 ⁽²⁾	0	36,091
TOTAL ESER 2010 (CESER1)			412,300,000⁽³⁾	387,085,000	0	321,222,853	19,485,222	44,038,904

As of 1/7/2016, the FAMIS fiscal month 06 2016 December 2015, actual expenditures are \$402,190,939. 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 \$56,626,801 for actuals per FAMIS Project Structure CUW AWS AW as of 1/7/16.

(b) less \$31,956 for actuals Controller's Audit Fund (CUW AWS 081C4) and CGOBOC (CUW AWS 081GO) as of 1/7/16.

\$102,568,217
(\$56,626,801)
(\$31,956)

(2) Cost of Issuance

	Premium		Underwrite		
(a) First Bond Sale	5,118,923	+	(211,953) =	4,906,970	4,906,970
(b) Second Bond Sale	16,898,267	+	(683,820) =	16,214,447	16,214,447
(c) Third Bond Sale	6,213,547	+	(65,051) =	6,148,496	6,148,496
(d) Fourth Bond Sale	2,606,056	+	(77,247) =	2,528,809	2,528,809
(e) Fifth Bond Sale	5,461,975	+	(202,062) =	5,259,913	5,259,913
Total Cost of Issuance	36,298,768		(1,240,133)		

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

Total (CESER1) 6,354,478 0
\$428,498,114 **\$402,190,939**

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

Earthquake Safety & Emergency Response Bond Program ESER 2014 Program Budget Report - Expenditures as of 12/31/15								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
<u>OFFICE OF THE CHIEF MEDICAL EXAMINER</u>								
	OCME							
DESIGN	9000A (CESER2ME)							
		Soft Costs	17,217,350	13,505,707		9,963,264	2,371,096	1,171,348
		Construction	45,170,444	16,600,738		1,495,959	14,904,227	200,552
		Project Contingency	1,507,206	4,146,178				4,146,178
		Subtotal	63,895,000	34,252,623	0	11,459,223	17,275,323	5,518,078
<u>TRAFFIC CONTROL & FORENSIC SERVICES DIVISION</u>								
	TC&FSD							
DESIGN	9100A (CESER2TC)							
		Soft Costs	51,575,648	28,836,175		18,578,768	2,905,205	7,352,203
		Construction	110,619,352	0		0	0	0
		Project Contingency	0	1,483,500				1,483,500
		Subtotal	162,195,000	30,319,675	0	18,578,768	2,905,205	8,835,703
<u>DISTRICT POLICE STATIONS</u>								
	DPS							
DESIGN	9200A (CESER2PD)							
		Soft Costs	29,490,000 ⁽¹⁾	6,882,940		1,311,962	406,841	5,164,137
		Construction	0	0		0	0	0
		Project Contingency	0	0				0
		Subtotal	29,490,000	6,882,940	0	1,311,962	406,841	5,164,137

(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 12/31/15

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	2,246,685		1,288,259	897,744	60,682
	<u>Focused Scope Projects</u>							
	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	416,773		184,507	0	232,266
	Showers: Stations 13, 20, 22, 34	Soft Costs	274,153	221,872		79,612	0	142,260
	Windows: Stations 7, 8, 9, 19, 20, 21, 24, 25, 29	Soft Costs	66,396	53,719		31,667	0	22,052
	Exterior Envelope: Stations 8, 23, 24, 29, 34	Soft Costs	432,688	167,840		65,717	0	102,123
	Mechanical: Stations 7, 8, 14, 20, 23, 41, 43, 49	Soft Costs	234,003	30,008		9,621	0	20,387
	Generators: Stations 19, 31, 39	Soft Costs	143,964	8		0	0	8
	Access Control: total 25 stations	Soft Costs	508,593	508,593		291,567	39,105	177,921
	Sidewalk: Stations 13, 20, 26, 31	Soft Costs	73,500	17,593		7,223	0	10,370
			12,313,325	3,701,768	0	1,999,688	936,849	765,232
	9603A Fire Station No. 3	Construction Costs	1,739,037	1,307,468		78,116	25,620	\$1,203,732
	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	10,592		6,711	141	\$3,740
	9609A Fire Station No. 9	Construction Costs	311,277	18,027		19,942	0	-\$1,915
	9611A Fire Station No. 11	Construction Costs	82,810	110,294		2,334	162	\$107,798
	9613A Fire Station No. 13	Construction Costs	669,856	68,869		49,541	9,665	\$9,663
	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	6,900	\$0
	9619A Fire Station No. 19	Construction Costs	19,725	19,725		21,192	0	-\$1,467
	9620A Fire Station No. 20	Construction Costs	223,559	119,689		3,649	30,643	\$85,397
	9621A Fire Station No. 21	Construction Costs	10,200	10,200		0	0	\$10,200
	9622A Fire Station No. 22	Construction Costs	71,354	68,323		38,638	23,625	\$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		13,165	201	\$4,799
	9626A Fire Station No. 26	Construction Costs	0	0		0	0	\$0
	9629A Fire Station No. 29	Construction Costs	123,749	17,778		16,167	163	\$1,448
	9631A Fire Station No. 31	Construction Costs	57,500	50,654		632	5,653	\$44,369
	9634A Fire Station No. 34	Construction Costs	421,921	45,251		22,971	16,875	\$5,405
	9639A Fire Station No. 39	Construction Costs	25,175	25,175		13,370	0	\$11,805
	9640A Fire Station No. 40	Construction Costs	297,083	100,000		0	0	\$100,000
	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
			6,010,612	2,031,064	0	300,641	119,648	1,610,775

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

Earthquake Safety & Emergency Response Bond Program ESER 2014 Program Budget Report - Expenditures as of 12/31/15

Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
Seismic Projects								
	9635A Station 35 Fire Boat House	Soft Costs	18,346,966	1		0	0	1
		Construction	12,231,311	0		0	0	0
		Project Contingency	0	0		0	0	0
		Subtotal	30,578,277	1	0	0	0	1
	7848A Station 48 Treasure Island	Soft Costs	191,134	191,134		165,385	25,748	1
		Construction	1,288,207	1,288,207		1,183,665	0	104,542
		Project Contingency	20,661	20,661		0	0	20,661
		Subtotal	1,500,002	1,500,002	0	1,349,050	25,748	125,204
	Program Reserve		33,152,786	917,767		0	0	917,767
	Summary	Soft Costs	30,851,425	3,892,903	0	2,165,073	962,597	765,234
		Construction	19,530,130	3,319,271	0	1,484,306	119,648	1,715,317
		Project Contingency	33,173,447	938,428	0	0	0	938,428
		Subtotal	83,555,002	8,150,603	0	3,649,378	1,082,245	3,418,979

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

Earthquake Safety & Emergency Response Bond Program ESER 2014 Program Budget Report - Expenditures as of 12/31/15								
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							
	CUAWAW2AW23	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							
	CUAWAW2AW30	Soft Costs	1,200,000	1,229,551	0	739,150	369,956	120,446
		Construction			0	0	0	0
		Project Contingency						0
		Subtotal	1,200,000	1,229,551	0	739,150	369,956	120,446
Design	Candlestick Point Pipeline							
	CUAWAW2AW31	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							
	CUAWAW2AW32	Soft Costs	662,000	371,115	0	119,547	0	251,568
		Construction	1,838,000		0			0
		Project Contingency						0
		Subtotal	2,500,000	371,115	0	119,547	0	251,568
Design	Irving St Pipeline							
	CUAWAW2AW33	Soft Costs	1,456,000	337,600	0	32,863	0	304,737
		Construction	4,044,000		0			0
		Project Contingency						0
		Subtotal	5,500,000	337,600	0	32,863	0	304,737
Planning	Clarendon Supply (ESER 2014 Partial Funding)							
	CUAWAW2AW29	Soft Costs	1,000,000	1,000,000	0	0	0	1,000,000
		Construction	0					0
		Project Contingency						0
		Subtotal	1,000,000	1,000,000	0	0	0	1,000,000
Planning	Ashbury Bypass Pipeline							
	CUAWAW2AW34	Soft Costs	50,000	50,000	0	0	0	50,000
		Construction						0
		Project Contingency						0
		Subtotal	50,000	50,000	0	0	0	50,000

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

Earthquake Safety & Emergency Response Bond Program ESER 2014 Program Budget Report - Expenditures as of 12/31/15								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
Planning	Columbus Avenue Pipeline CUWAW2AW35	Soft Costs	1,070,003	1,070,003	0	0	584,496	485,507
		Construction						0
		Project Contingency						0
		Subtotal	1,070,003	1,070,003	0	0	584,496	485,507
Planning	Lake Merced Flexible System CUWAW2AW36	Soft Costs	1,000,000	1,000,000	0	4,021	0	995,979
		Construction						0
		Project Contingency						0
		Subtotal	1,000,000	1,000,000	0	4,021	0	995,979
Planning	McLaren Tank Flexible System CUWAW2AW37	Soft Costs	1,000,000	1,000,000	0	1,460	0	998,540
		Construction						0
		Project Contingency						0
		Subtotal	1,000,000	1,000,000	0	1,460	0	998,540
Planning	Sunset Reservoir Flexible System CUWAW2AW38	Soft Costs	1,000,000	1,000,000	0	2,143	0	997,857
		Construction						0
		Project Contingency						0
		Subtotal	1,000,000	1,000,000	0	2,143	0	997,857
Planning	University Mound East Pipeline CUWAW2AW39	Soft Costs	1,000,000	1,000,000	0	85	0	999,915
		Construction						0
		Project Contingency						0
		Subtotal	1,000,000	1,000,000	0	85	0	999,915
Program	Pipeline Repairs	Soft Costs	10,000	10,000	0	0	0	10,000
		Construction		0	0			0
		Project Contingency		0				0
		Subtotal	10,000	10,000	0	0	0	10,000
Program	CUWAW200	Soft Costs	5,670,750	10,149,731	0	41,395	59,683	10,048,653
		Construction	28,003,950	0	0			0
		Project Contingency	4,308,300	0				0
		Subtotal	37,983,000	10,149,731	0	41,395	59,683	10,048,653
AUXILIARY WATER SUPPLY SYSTEM (AWSS)								
		Soft Costs	15,073,750	18,268,000	0	940,664	1,014,135	16,313,202
		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	1,584,182	1,425,713	16,990,106

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

Earthquake Safety & Emergency Response Bond Program ESER 2014 Program Budget Report - Expenditures as of 12/31/15								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
ESER								
		Soft Costs	144,208,173	71,385,726		32,959,730	7,659,874	30,766,122
		Construction	210,887,876	21,602,009		3,623,783	15,435,453	2,542,773
		Project Contingency	39,038,953	6,618,106		0	0	6,618,106
		Subtotal	394,135,002	99,605,841	0	36,583,512	23,095,327	39,927,001
BOND OVERSIGHT/ACCOUNTABILITY			5,865,000	1,050,340		750,458	299,882	0
TOTAL ESER 2014 (CESER2)			400,000,002	100,656,181		37,333,970	23,395,209	39,927,001

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	3/31/11	6/30/11	9/30/11	12/31/11	3/31/12	6/30/12	9/30/12	12/31/12	3/31/13	6/30/13	9/30/13	12/31/13	3/31/14	6/30/14	9/30/14	12/31/14	3/31/15	6/30/15	9/30/15	12/31/15	3/31/16	6/30/16	9/30/16	12/31/16	3/31/17	6/30/17	9/30/17	12/31/17	3/31/18	6/30/18	9/30/18	12/31/18	3/31/19	6/30/19
December 31, 2015																																							
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			181,300				882,302		7,027,896																													
		08/01/11	01/27/12	Planning				Design		Construction																													
		01/30/12	04/19/13																																				
		04/22/13	08/09/16																																				
Current/Approved	8,091,498																																						
Current/Projected	8,091,498																																						
Actual																																							
AWSS ASHBURY HEIGHTS TANK																																							
Original/Baseline Budget	5,481,791			147,500				1,012,191		4,322,100																													
		07/25/11	02/29/12	Planning				Design		Construction																													
		02/29/12	04/19/13																																				
		04/22/13	08/09/16																																				
Current/Approved	5,481,791																																						
Current/Projected	5,481,791																																						
Actual																																							
AWSS TWIN PEAKS RESERVOIR																																							
Original/Baseline Budget	2,905,451			203,600				732,247		1,969,604																													
		06/01/11	01/27/12	Planning				Design		Construction																													
		01/30/12	04/19/13																																				
		04/22/13	08/09/16																																				
Current/Approved	2,905,451																																						
Current/Projected	2,905,451																																						
Actual																																							
AWSS PUMP STATION NO. 2																																							
Original/Baseline Budget	7,011,862			810,869				4,048,792																				10,466,308											
		7/25/2011	9/25/2012	Planning				Design																				Construction											
		9/26/2012	10/20/2015																																				
		10/21/2015	7/3/2019																																				
Current/Approved	15,325,969																																						
Current/Projected	15,325,969																																						
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																																						

December 31, 2015

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

Prepared by San Francisco Public Works
Revised 01/19/2016

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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 San Francisco Water Power Sewer <small>Services of the San Francisco Public Utilities Commission</small>					
Public Utilities Commission					
525 Golden Gate Avenue, 9 th Floor San Francisco, CA 94102					
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