



Earthquake Safety and Emergency Response Bond Program 2010 & 2014

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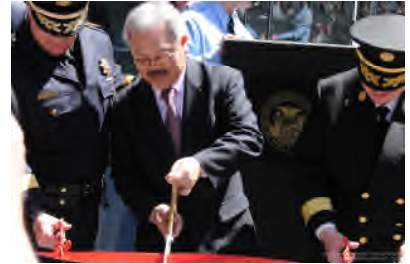
Quarterly Status Report June 30, 2015

Prepared for the

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

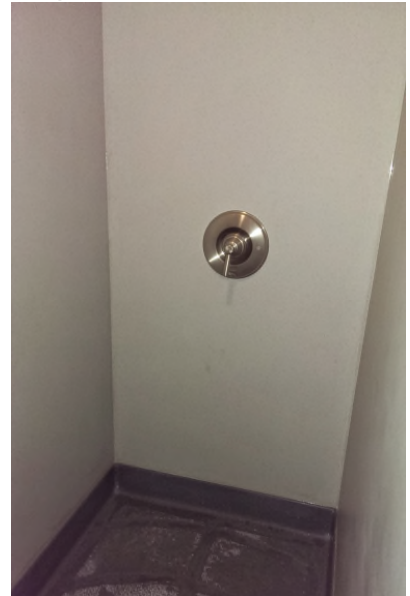
Submitted by
Charles Higuera
Program Manager

Public Safety Building



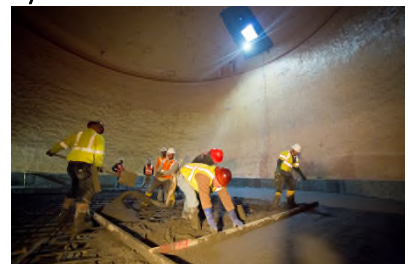
Grand Opening April 16, 2015

Neighborhood Fire Stations



Station 13 Shower Replacement

Emergency Firefighting Water System



Jones Street Tank

Earthquake Safety and Emergency Response Bond Program

(ESER 2010 & 2014)

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Earthquake Safety and Emergency Response Bond Program

(ESER 2010 & 2014)

Executive Summary

ESER 2010

The Earthquake Safety and Emergency Response (ESER 2010) Bond Program consists of three components: the **Public Safety Building (PSB)**, the **Neighborhood Fire Stations & Support Facilities (NFS)**, and the **Emergency Firefighting Water System (EFWS)**. These components' particular projects are proceeding apace, hewing to stipulated schedules and budgets. Some projects confront unanticipated impacts such as delayed DBI permitting and Civic Design Review approval. The impacts are managed to avoid as much as possible, undue consequence to client department(s)' expressed needs and expectations. To date there have been no upsets that would compromise 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 underway, and expected to continue through Final Completion in August 2015.

Mission Bay Development Group (MBDG) has completed roadway work on Mission Rock Street between Third Street and Terry Francois Blvd.

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

Neighborhood Fire Stations & Support Facilities

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

Station 16: Categorical Exemption and Site Permit issuance were upheld at the CEQA Appeal Hearing on May 19 and Board of Appeals Hearing on June 24 respectively. The start of construction is anticipated to start Spring 2016, due to the permit appeals, and a partial redesign of the interior plans, as directed by the client department.

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Station 5: San Francisco Arts Commission Civic Design Review Phase II presentation was approved on April 20. The RFP was issued to five pre-qualified CM/GC firms on June 22; responses are due on July 31.

Station 35: The boathouse project is to occur within ESER 2014. Programming and review of regulatory requirements continued through this reporting period. Civil Service Commission meeting is scheduled for July 6, to seek approval to issue RFQ for design services for a team of MEP/S engineers.

Comprehensive Projects: Station 36

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

Focused Scope Projects

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

Emergency Firefighting Water System

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

Construction continued for Cisterns B (WD-2696), Cisterns C (WD-2697), and Cisterns D (WD-2745) contracts. Bids were received for Cisterns E (WD-2746) construction contract. Design work continued for four additional new cisterns.

Planning and design work continued for pipeline and tunnel projects and for ESER 2014 projects.

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Budget

To date, the ESER has received the proceeds of five bond sales totaling \$385,844,885 and has expended \$303,074,446 through June 2015. Out of the \$303,074,446, \$227,874,378 is for the PSB; \$28,047,225 is for the NFS; \$45,239,037 is for AWSS; and \$1,553,806 is for Bond Cost of Issuance, Bond oversight and accountability expenses. The expenditures are consistent with our spend-down forecast and are within budget. The breakdown of the proceeds received to-date is discussed in the [Budget, Funding and Expenditures](#) section of this report.

Our previous report forecasted \$84M at the cost of completion for the NFS portfolio of projects, which was \$20M above the ESER 2010 Bond Funds for \$64M. The cost increase is attributable to initial programming assumptions, market conditions, added scope, and unforeseen conditions. The specific projects driving the additional costs are Stations 5, 16 and 35. To mitigate these costs, Public Works preliminarily presented to the SFFD the option to transfer Fire Boat Station 35 to the ESER 2014 NFS portfolio of projects. The SFFD Commission has been informed of this decision and has endorsed this transition. A budget revision of ESER 2010 NFS projects will be completed within the next quarter and will reconcile the ESER 2010 budget to \$64M.

ESER 2014

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

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

OCME Facility

KMD Architects received authorization to proceed with structural and exterior skin re-design due to the cost prohibitive and schedule delay impacts associated with the original design (keeping exterior concrete tilt-up panels and foundations in place that required extensive underpinning, bracing, and shoring). The re-design will provide cost savings and will allow completing construction as originally anticipated – within 20 months.

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Clark Construction has finalized Trades' RFQ/RFP schedule and RFQ documents. All trade packages have been advertised. Approximately, 95% of the trade packages have a pool of three or more pre-qualified subcontractors. Bidding for the first trade package (demolition, rough grading, surveying) is anticipated in mid August.

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

SFPD TC & FSD Facility

HOK was selected to provide design services. Contract negotiations is in progress with an anticipated issuance of NTP in September 2015.

The CEQA process has been completed. A Final Mitigated Negative Declaration was completed and published on November 19, 2013.

Neighborhood Fire Stations

The ESER 2014 NFS is comprised of three sub-components: Focused Scope, Comprehensive Scope and Seismic upgrade. After receipt of bond funding in October 2014, building assessment was proceeded to confirm priority and immediate scope needs per station. Upon SFFD approval, the NFS team moved forward with planning and design of the early focused scope projects while building assessment and historical preservation evaluation are in place. The early focused scope projects are organized into eight packages including Apparatus Bay Door, Roofing, Exterior Envelope, Sidewalk, Shower, Emergency Generator, HVAC and Window. Refer to the Neighborhood Fire Stations full report for further detail.

Police Facilities

Site assessment and design work for accessibility improvements continue through this reporting period. Comprehensive structural assessment of twelve facilities was completed in June.

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Budget

The ESER 2014 budget is \$400,000,000 with an authorized appropriation \$100,187,289. The expenditures thru June 30 are \$28,611,016 of which \$7,250,107 is for the Office of the Chief Medical Examiner; \$17,804,996 is for the Traffic Control & Forensic Services Division; \$244,651 is for the Police Facilities; \$1,819,210 is for the Neighborhood Fire Stations; \$1,135,228 is for Emergency Firefighting Water System (EFWS); and \$356,611 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.

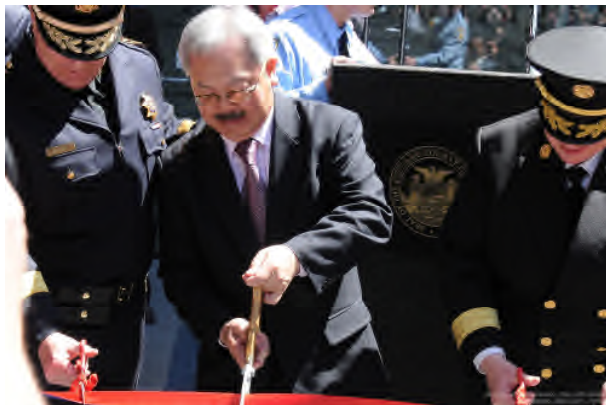
Other Information

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

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Program Summary and Status

Public Safety Building (ESER 2010) – Grand Opening April 16, 2015



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

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

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

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

Project Status:

Construction Activities:

- Mission Bay Development Group has completed roadwork through Mission Rock Street to Terry Francois Blvd.
- Dept. of Technology will start remaining site-DT work in August to complete termination, routing and testing of second City fiber connection, awaiting delivery of material.
- Subcontractor Punchlist work is ongoing through July.
- Start-up of the integrated building management system (IBMS) is expected to be complete in August.

Project Schedule:

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SUBSTANTIAL COMPLETION: April 28, 2015
FINAL COMPLETION: August 2015 (under review)

FIRST DAY OF BUSINESS of POLICE/ FIRE STATIONS: March 30
FIRST DAY OF BUSINESS of POLICE HQ: April 13
BUILDING INAUGURATION: April 16

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.

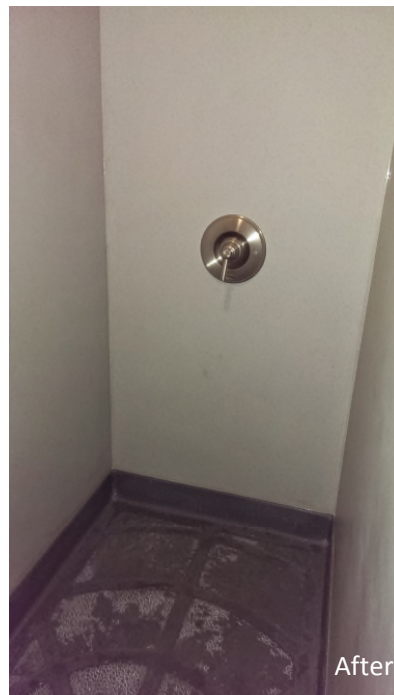
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Neighborhood Fire Stations (ESER 2010)

7432A Showers – Package 3 Station 13 Chief and Officer’s Restroom



Before



After

7432A Showers – Package 3 Station 41



Before



After

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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: Many of the 42 San Francisco Fire Stations have structural/seismic, and other deficiencies that could inhibit their functionality. Some may not be operational after a large earthquake or other disasters, threatening the ability of the firefighters to respond to on-calls for service. In addition, there are other fire department resources that support and augment the capacity of the department to provide effective fire suppression capability.

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

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

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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 for such purposes in this bond. Therefore, additional detailed planning is required to focus the expenditures of this bond towards the most beneficial and cost effective immediate rehabilitation and/or improvement projects.

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

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

Project Status:

SFFD evaluated project scope and program budget options prepared by DPW and approved on February 29, 2012 a final slate of Groups I, II and III projects to be completed as part of ESER I. Direction was also provided for the preferred development of the Fire Boat Station and analysis of the Emergency Logistics Center (ELC). The approved slate of projects was presented to, and accepted by, the SF Fire Commission on April 26, 2012.

Seismic Projects: Stations 16 and 5

Station 16:

Design services are being provided by DPW BDC/IDC.

The site permit was received on February 20, 2015. CEQA Appeal Hearing was held on May 19, when the Board of Supervisors unanimously upheld Planning's decision to classify the project for categorical exemption. The Board of (Permit) Appeals Hearing held on June 24 denied two appeals to the issuance of the Site Permit to erect.

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.

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Station 5:

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

Civic Design Review Phase II approval was granted on April 20, contingent upon consideration of an alternate height of curtainwall and options for exterior cladding materials. Request for Proposals was issued on June 22 to five prequalified CM/GCs – Swinerton; Nibbi; Pankow; Cahill; West Bay Builders; bids are due on July 31, followed by an evaluation of cost and non-cost criteria.

Site permit (no. 201506199453) was submitted on June 19. Categorical exemption is expected to be issued in early July.

Fire Boat Station 35:

Fire Boat Station 35 will occur within ESER 2014 Program. Design services are being provided by DPW BDC/IDC (Structural) and specialty subconsultants.

SFFD directed Public Works to resume project planning at the existing Station 35 location, Pier 22-1/2. Programming and review of regulatory requirements with SF Port and Maritime expert architect Mary McGrath Architects continued through this reporting period, to review schematic options for the project.

RFQ for A/E subconsulting services: maritime structural; MEP and Civil to be developed in September and issuance will be scheduled for issuance following Civil Service Commission (CSC) approval anticipated in July.

Equipment Logistics Center (ELC):

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

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

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Comprehensive Project: Station 36

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

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

SFFD reoccupied the station on November 19, 2014.

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

Focused Scope Projects

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

Roofs – 15 Stations

Summary: The scope consists of installing new roofing systems and upgrading exhaust fans on fifteen (15) stations. 2011 Package (Stations 6, 38, 41 and 42), Package 1 (Station 28); Package 2 – JOC (Station 2); Package 3 (Stations 18, 40 and 31), Package 4 (Stations 15, 17, 26, and 32), and Package 5 (Stations 10 and 13) roofs are complete.

Detail: All work is complete.

Exterior Envelope – 16 Stations

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

Detail: Public Works BBR completed Stations 28 and 41, the final stations in BBR's portfolio.

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Packages 4, 5, and 6 for 3 stations, 4 stations, and 3 stations respectively were successfully bid to B or C33 license contractors.

- Packages 4, 5 and 6 are complete. Project was closed out as of May 31, 2015.

Emergency Generator Replacement – 5 Stations

Summary:

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

Detail: Station 17: Initial substantial completion date is May 19, 2014. Substantial completion date was extended to July 11 due to PG&E scheduling conflicts and coordination with the exterior envelope work. Issues with PG&E wiring type will require a further extension to August, pending resolution with PG&E. The new generator's engine failed and was replaced by the manufacturer on September 15. The tank size will be enlarged to properly accommodate the required 72 hour back up period. JOC contractor Nicole's Work pricing for the new tank is delayed. Proposal was provided in December. The new tank is a long lead item, 8-10 weeks minimum. Contractor attempted to take out the construction permit with DBI. DBI plan check reviewers requested changes and explanation re: the run time and load calculations, vent connection and structural details at the concrete base from DPW IDC designers. This continues to further delay the work. Manufacture and DPW IDC provided and confirmed information to address DBI comments on June 24. DPW IDC and Contractor will meet at DBI in the week of July 13, tentatively, to apply for the permit and resume work on site. **Shower Reconstruction – 9**

Stations

Summary:

Stations 6 and 15 have been completed. Stations 17 and 18 were put on hold by SFFD due to scope complexity. Station 44 was completed by Roebuck, the Station 44 contractor. Stations 26, 38, 13, 18, 40, and 41 were bid out under one package. Wickman Development and Construction was the awarded contractor – NTP was issued on July 7, 2014.

Detail:

The City rebid the package of 6 stations on April 23, and awarded the contract to Wickman Development and Construction on May 30. NTP was issued to Wickman on July 7. Preconstruction phase for measurement and ordering of material was extended to September 19. Construction is scheduled to begin on October 14 at Station 40. SFFD removed Station 18 from scope. Construction continues and the schedule has been extended by material delivery

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delay. New completion date for all stations is projected to be September 2015 for Wickman scope.

Stations 38, 40 & 41 were completed with the exception of the shower pan replacement and minor punchlist items. Contractor will complete these items after completion of Stations 13 and 26. Station 13 demo, hazmat removal and rough plumbing are complete, and is currently waiting for the wall panel to arrive for installation before glass doors can be measured. Station 26: Shower pan and wall panel installation is complete; awaiting shower door to arrive and complete remaining minor punchlist repairs.

Mechanical Scope (JOC) – 15 Stations

Summary:

The scope is structured into two phases: Phase 1 – Investigation and Scope Validation, and Phase 2 – Execution of Work. The stations were divided into two groups, Group 1 – (4) stations and Group 2 – (11) stations. Group 1 (Stations 6, 17, 38 and 42) was substantially completed by Azul (JOC Contractor) in August 2013. Group 2 (Stations 2, 10, 13, 15, 18, 26, 28, 31, 32, 40, 41) were awarded to Rodan (JOC Contractor). Work started on January 2, 2014. All work is now complete.

Detail: All work is complete.

Window Repair (BBR) - 12 stations

Summary: BBR was selected to perform this work.

Detail: This work is complete.

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](#).

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Neighborhood Fire Stations (ESER 2014)

Fire Stations Assessment – Façade Study for Exterior Envelope Weatherization



Station 8



Station 23



Station 29

Projects' Description:

The ESER 2014 bond program is anticipated to continue the work of ESER 2010 bond, categorizing projects according to the three categories of Focused Scope, Comprehensive, and Seismic. The principal goal of ESER 2014 is to continue to address identified and prioritized needs while seeking to perform work at all stations not addressed under ESER 2010.

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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 Associate in second quarter 2015. Prioritization of the full NFS program, i.e, scopes of work approved at each station is anticipated in third quarter 2015.

As needed consultant Page and Turnbull, our expert Historic resource architect, has performed historic evaluation assessments in April and is anticipated to provide a historic evaluation report by July. SFPW PM and Regulatory Affairs will confirm requirements for each station's approved scope with Planning.

After receipt of bond funding in October, 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 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 Initial Focused Scope Projects

Design services are being provided by DPW BDC/IDC. GHD is working as our as-needed engineering consultant on the generator projects as well as Station 3 mechanical and emergency generator.

Apparatus Bay Doors

Package 1 (3 stations: To be determined):

Project was on hold per SFFD direction in May and is resumed to work in June. It is determined to be a Design build project. DPW 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 third quarter 2015).

Roofing

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

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The project is scheduled to advertise on July 2; hold a pre-bid conference and site walk on July 9; and open bid on July 22. The construction is anticipated to start near end of third quarter 2015. Roofing Package 2 to be confirmed in third quarter.

Shower

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

Project was advertised in June 3 with bid opening in June 24. R&S Construction was the apparent lowest bidder with the total construction cost of \$157,280. The project is undergoing Award/Certification process. FS 17 will be added to the shower scope (5 showers total) per SFFD direction. SFPW BDC will prepare proposal and provide drawings to determine whether or not FS 17 would be a change order added to the current package, or processed as a separate package performed by BBR or General Contractor. Package 1 is anticipated to start construction in August.

Windows

Package 1 (Stations 8, 9, 19, 20, 21, 22 & 24)

SFPW and BBR assessed window scope with SFFD on site. Window repair and/or replacement will be performed by DPW BBR. Proposals for Stations 9, 19 and 29 has been approved by SFFD in the second quarter; DPW BBR proposed to start work on July 13. Station 8, 20, 21 and 24 cost proposals are under review by SFFD.

Package 2 (Station 7 Training Tower):

Pricing and matrix were presented to SFFD on 5/18 for review and approval. SFFD will confirm the extents of window repair.

Package 3 (Station 25):

Site visit was conducted on 5/28. DPW BDC provided survey spreadsheet and notes to BBR for review and to start pricing.

Exterior Envelope

Package 1 (Stations 8, 23 & 29):

Site walk was held in April and May. BBR pricing is underway. Work is anticipated to begin in third quarter.

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Package 2 (FS 24 & 34):

Site walk was held on May 28 (Station 24), and June 11 (Station 34). Schematic Design is underway by SFPW BDC. It is anticipated to advertise project in third quarter.

Package 3 (FS 11 & 20):

Site walk was held on May 28. DPW BDC provided survey notes and drawings to BBR for review and comment prior to pricing. BBR pricing is underway. Anticipated to begin work in third quarter

Mechanical

Package 1 (Stations 7, 8, 14, 20, 22, 23, 41, 43 & 49):

The JOC project initiation form was submitted in November 2014. DPW has not reached agreement with JOC contractor, and by mutual agreement DPW will seek other project delivery method in second quarter 2015. The project is determined to be an informal public bid package. Funding has been allocated for DPW IDC Mechanical Engineer and DPW Construction Management Team to provide services during site assessment and construction phases. Per meeting with the SFPW Project Lead, Station 22 will be removed from the list as it will be categorized as a comprehensive project, not a focused scope. Station 49 will also be removed from the mechanical scope as the station will anticipate both roofing and mechanical upgrades. Station 49 will be a stand-alone project involving multiple scopes. Stations 23 and FS 43 will be removed from the scope as brand new heater and radiant heat with piping are being installed on site, respectively – no further upgrade is required at this time. According to SFFD, due to complexity, Station 14 will be removed from Package 1 as well and added to Package 2 bundled up with Station 9, the large concrete building. In conclusion, Mechanical Package 1 would remain to include the following stations: 7, 8, 20 & 41. Design Development is underway. Anticipated to advertise project in third quarter 2015.

Package 2 (Stations 9 & 14):

Anticipated to provide project status in third quarter.

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Generator

Package 1 (Stations 19, 31 & 39):

As needed consultant, GHD, has visited Stations 19, 31 and 39 for scoping. Station 19 will be maintenance and replacement of the existing generator enclosure and sub-base tank by generator vendor. Project will be managed by SFFD as a maintenance scope – no SFPW involvement at this time until further notice. Station 31: Scope of work to be confirmed by SFFD (either reskinning the enclosure or replacing the entire gen set with fuel fill tank). Station 39: NTP to GHD was issued for design. Bid documents were submitted for review on June 5. Project was put on hold on June 9 as SFFD administration wished to have a different approach to the project. SFPW and consultant stopped all work as of June 9; no SFPW involvement at this point of time.

Sidewalk

Package 1 (Station 13):

According to the engineering field report, to remediate the settling situation, the sidewalk and adjacent street should have the soil beneath re-graded and compacted, and then re-paved as necessary. It is recommended to verify that any utility passing under the Apparatus Bay roll-up doors, such as the plumbing that connects the gas tank beneath the sidewalk and building pumps, has not been damaged due to the differential settlement. Street and Highway provided a rough order of magnitude to repair the street side of the work in June. IDC Geotechnical Engineering is reviewing the case and preparing the proposal to team up with Street and Highway together to address the settling of the street & sidewalk and repair the affected areas accordingly. Anticipated to review and discuss IDC proposal in third quarter.

Package 2 (Station 31):

Street and Sewer Repair is preparing pricing for review currently. Scope: Remove the brick in the affected area, remove/replace/re-compact the sub-grade, and re-install with brick to match surrounding. Anticipated to review proposal in third quarter.

Package 3 (FS 20 & 26):

Engineer's field reports were provided to SFFD for review and comment in May. No further request or DPW involvement at this time.

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

Emergency Firefighting Water System (ESER 2010)



Jones Street Tank concrete slab



Folsom Street & Ripley Street cistern

Earthquake Safety and Emergency Response Bond Program

(ESER 2010 & 2014)

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

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

Project Status:

Physical Plant

Construction continued for the Ashbury Heights Tank, Jones Street Tank, and Twin Peaks Reservoir contract (WD-2685). Twin Peaks Reservoir work is complete except for valve actuator installation. Foundation micropiles, wall/floor curb, and floor slab were installed at Jones Street Tank. Construction contract completion is due November 2015.

Construction continued for the Pumping Station 1 contract (WD-2686). The pumping station is out of service from June 2015 to February 2016 while the diesel engines and generator are being replaced. Construction contract completion is due May 2016.

Pumping Station 2 design completion is due August 2015. Project permits are being obtained.

Cisterns

Construction continued for Cisterns B (WD-2696), Cisterns C (WD-2697), and Cisterns D (WD-2745) contracts. Cisterns E (WD-2746) construction contract bid results are being prepared for award consideration. Cisterns F (WD-2747) construction contract bid advertisement is scheduled for September 2015.

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

Contract	#	Location	Bid Pending	Contract Pending	Constructing	Completed	Contract Completion
Cisterns B (WD-2696)	1	Cashmere St., Hudson Ave.				✓	August 2015
	2	Colby St., Silver Ave.				✓	
	3	Geneva Ave., Moscow St.				✓	
	4	Geneva Ave., Paris St.				✓	
	5	Holyoke St., Silliman St.				✓	
Cisterns C (WD-2697)	1	18th Ave., Ulloa St.				✓	September 2015
	2	21st Ave., Ocean Ave.				✓	
	3	Funston Ave., Geary Blvd.				✓	
	4	St. Elmo Way, Yerba Buena Ave.				✓	
	5	St. Francis Blvd., San Buenaventura Way			✓		
Cisterns D (WD-2745)	1	Amber Dr., Duncan St.			✓		May 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.		✓			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.	✓				March 2017
	2	6th Ave., California St.	✓				
	3	30th Ave., Lake St.	✓				
	4	Apollo St., Williams Ave.	✓				

Pipelines and Tunnels

Clarendon Supply – This project will provide a new water supply near the crest of Clarendon Avenue (approximately 500' northwest of Sutro Tower). Conceptual engineering report is due August 2015.

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

Control System – This project will improve the AWSS control and telecommunications systems. Proposals for implementation are being funded.

Fireboat Manifolds and Suction Connections – This project will renovate the fireboat manifolds and piping at Piers 1 (Fort Mason) and 33.5 (The Embarcadero), and relocate the manifold at Fort Mason. SFPUC’s City Distribution Division will perform suction connection maintenance without using ESER bond funds. (Suction connections status will not be included in subsequent editions of this report.)

Fourth Street Connection – This project is intended to install a new underwater hose connection across the Fourth Street Bridge to connect existing AWSS pipelines. The need for this project is being re-evaluated.

Jones Street Tank Valve Motorization – This project is being constructed as part of contract WD-2685 (Ashbury Heights Tank, Jones Street Tank, and Twin Peaks Reservoir). Construction contract completion is due November 2015.

Pipeline Investigation and Remediation – This project will assess the AWSS pipeline network condition and recommend a long-term repair, replacement, and abandonment capital plan. The first pipeline condition assessments using both acoustical and electro-magnetic methods are being finalized. The assessment results were corroborated by pipeline excavation and physical testing. Responses to a request for qualifications for additional pipeline assessment and testing are due in July 2015, with the expectation of such work occurring during 2015 and 2016. A contemporaneous theoretical pipeline analysis will guide future field assessments and help interpret their results. Capital plan recommendations are due in 2017.

Pumping Station 1 Tunnel – This project will improve the seismic performance of the existing Pumping Station 1 seawater tunnel by installing resilient inserts at the existing Embarcadero sewer crossing, the mid-tunnel alignment change, and the sand-rock interface, as well as repairing minor concrete spalling and exposed reinforcing steel. Implementation strategies are being developed.

Street Valve Motorization – This project will motorize street valves and replace a non-functioning gate valve on AWSS pipelines to better control water flows. This work is planned to occur near the 20th/Harrison Streets, Clarendon Avenue/Twin Peaks Boulevard, Evans Avenue/Napoleon Street, Cesar Chavez/Bayshore Boulevard, and Kearny/Sacramento Streets intersections. Design completion is due October 2015.

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

Emergency Firefighting Water System (ESER 2014)

Project	Completion
Ashbury Tank Valve House – Needs Assessment	Completed
ESER 2014 Project Recommendations	7/2015
Jones Street Tank Valve House – Needs Assessment	Completed
Jones Street Tank Generator Anchorage – Evaluation	
Jones Street Tank Retaining Walls – Condition Assessment	
Network Surge Analysis	10/2015
Pumping Station 1 Seawater Well – Needs Assessment	8/2015
Pumping Station 2 Seawater Well – Needs Assessment	
Pumping Station 2 Southern Discharge Tunnels – Needs Assessment	
Twin Peaks Reservoir Forebays – Conceptual Engineering Report	
Twin Peaks Reservoir Tunnels – Conceptual Engineering Report	

19th Avenue Pipeline Replacement – This project will install new 20” ductile iron AWSS pipe on 19th Avenue from Irving Street to Kirkham Street, replacing the existing 12” ductile iron pipe. It will also construct four fixed-pipe connections under 19th Avenue for use with the flexible (hose) water supply system, which is being considered for implementation with ESER 2014 funds. This project is being combined with other capital improvement projects for sewer, water, paving, and transit. Construction documents are due June 2016.

Candlestick Point Pipeline Installation – Carroll Avenue – This project will install new 20” ductile iron AWSS pipe on Carroll Avenue from Ingalls Street to Hawes Street. This project is being performed in conjunction with the Candlestick Point development project. Materials procurement bids were received and a resulting purchase order issued. This work is expected to be constructed as part of Public Works’ Potrero Streetscape project, which is tentatively anticipated to start August 2015.

Irving Street Pipeline Replacement – This project will install new 20” ductile iron AWSS pipe on Irving Street from 7th Street to 19th Street, replacing the existing 12” cast iron pipe. This project is being combined with other capital improvement projects for sewer, water, paving, and transit. Bid advertisement is scheduled for December 2015.

Earthquake Safety and Emergency Response Bond Program

(ESER 2010 & 2014)

Project Schedule:

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

Project Budget:

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

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

Office of the Chief Medical Examiner (OCME) (ESER 2014)



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

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

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

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

The selected architect, KMD, received NTP for CD phase on September 15, 2014. The City decided to implement an incremental submittal of permit packages strategy in order to shorten DBI's permit review durations. The prospective permit packaging and DBI review strategy entails three addenda: #1 – revised demolition submitted on April 21, 2015, #2 - structural submitted on June 9, 2015, and #3 – remaining design to be submitted by the end of July 2015. Site permit is expected to be received by the end of July 2015. CM/GC, Clark Construction, continues to provide Value Engineering (VE) recommendations in order to keep the project within the budget. Clark has also submitted constructability reviews and updated CPM construction schedule. RFQ / RFP process for trade contracts has started in April 2015. Trade Package #1 (demolition, rough grading, surveying) –three or more subcontractors were prequalified per trade. Bidding of trade package #1 is tentatively scheduled in mid August 2015. Trade Package #2 (structural steel, metal deck, concrete, piles, dewatering, methane barrier) – three or more subcontractors were prequalified per trade. Bidding of trade package #2 is tentatively scheduled in mid September 2015. Trade

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

Package #3 (remaining trades) – 95% subcontractors were prequalified (three or more per trade with the exception of electrical, only one pre-qualified subcontractor; electrical RFQ will be re-advertised).

KMD Architects submitted 95% CD set on June 23, 2015 for stakeholders' review and comments. QA/QC process is underway. Finalized 95% CD set will be submitted to DBI and SFPW on July 28, 2015.

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.

The Maher Ordinance application and supporting documents were submitted to SFDPH on February 25, 2014. SCA Environmental submitted Final report on July 18, 2014. Contaminated soil requiring Class I disposal and elevated levels of methane were discovered by SCA Environmental. Mitigation strategies include disposal of contaminated soil and installation of the passive methane evacuation system as recommended by SCA Environmental and SFDPH. Fugro Consultants were hired to provide design for the methane barrier and passive methane evacuation system on October 1, 2014. Design was completed and submitted to SFPW and KMD Architects on June 5, 2015.

AGS Consultants was hired to perform geotechnical services for the OCME project. AGS will also perform duties of geotechnical engineer of record during construction.

Civic Design Review (CDR) committee presentation was held on October 20, 2014. Phase 2 and Phase 3 presentation was held on December 15, 2014. CDR passed a motion to provide Conditional Approval for Phases 2 & 3 excluding the Southeast landscape portion of the project. The CDR requested KMD to resubmit the Southeast landscape design after the public art had been selected. KMD completed the design of this area and submitted to SFPW for review and comments. City's project manager will forward to CDR by July 10, 2015 for Administrative Approval during the meeting taking place on July 20, 2015. On May 7, 2015 OCME submitted a Modifications List comprising of VE'ed items as well as a few new items to be included in the base budget/design and additional funds to be allocated to increase FCBL. On June 2, 2015 the Client added Add Alternates to the Modifications List to be included in the base budget/design. The items were evaluated by the project team for costs and schedule impacts. The impact report was finalized on June 24, 2015. The team is awaiting cost estimate of the 95% CDs to determine whether the project is within the FCBL. The estimate is due on July 9, 2015.

Earthquake Safety and Emergency Response Bond Program

(ESER 2010 & 2014)

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 between 2018 and 2020.

Project Status:

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

Contract negotiation with the selected A/E team, HOK, is in progress, to anticipate an NTP to design in September 2015. Contract negotiation with Vanir/ Saylor –JV, as the highest

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

ranked construction management support services consultant is in progress, with an anticipated NTP date in July/ August 2015.

Millennium Consulting performed the Haz Mat evaluation in October 2014, and published the final report in April 2015. Numerous building components were identified to contain lead and asbestos-containing material in detectable quantities.

Earthquake Safety and Emergency Response Bond Program

(ESER 2010 & 2014)

Police Facilities

Projects' Description:

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

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

Projects' Status

With pre-bond general funds, the City was able to render the body of knowledge and perspective developed through the study mentioned here. The receipt of the first tranche of bond funds has enabled additional study and has initiated of the following:

- Exterior building envelope elements such as roofs, windows, doors and walls
- Mechanical, Electrical and Plumbing systems (cost estimating)
- ADA public access improvements
- Historical analyses
- Structural/seismic strength

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

Planning and scoping of project list is in progress for various scope:

- BDC begun design work to address accessibility issues for path of travel from nearest street curb to public counter.
- MEP cost estimating (by Saylor) completed.
- Building Envelope Assessment (by BDC) began is expected to complete by July.
- Comprehensive structural evaluations (by Structus Inc. & Public Works IDC) was completed in June; assessment reports are expected to be finalized in July/August 2015.

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

ADA and select building envelope projects is anticipated to commence design in the Fall of 2015. Public Works staff will secure required investigation/studies to determine level of CEQA compliance required for defined projects, initially seeking historic resource evaluation in August 2015.

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. (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. 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	236,661,976
Neighborhood Fire Stations (NFS)	64,000,000	42,087,326
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	2,338,024
Total (CESER1)	412,300,000	385,844,886
Fire Facility Bond Funds		
7424A Fire Boat/ Fire Station No. 35	7,151,723	7,151,723 (1)
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	406,231,969

(1) Station No. 35 will be performed under ESER 2014, therefore, funding will be managed under that bond program.

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

The budget and appropriation for PSB is \$239,000,000. The appropriation reflects the proceeds of the first, second and fifth bond sales and is shown in detail under Attachment 1 – Program Budget Report.

The budget for NFS is \$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.

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.

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

Total expenditures and encumbrances through June 30, 2015 are \$303,074,446 and \$27,683,805 respectively. The combined totals represent 86% of the appropriation of and 80% of the budget.

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

The total expenditures for the PSB FF&E are \$2,960,662 and encumbrance is \$875,782 which represents 67% of the appropriation and the budget.

The Public Safety Building Developer Contribution (Ordinance 60-15)
Total encumbrance is \$2,663,307 and no expenditures have posted to-date. The encumbrance represents 42% 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 \$100,187,289. The following is a summary of the budget and appropriation per component:

Components/Projects	Bond Report Budget	Operating Budget	First Bond Sale Amount	Future Bond Sale(s)
9000A Office of Chief Medical Examiner (OCME)	\$65,000,000	\$63,895,000	\$34,142,621	\$29,752,379
9100A Traffic Control & Forensic Services Division (FSD)	\$165,000,000	\$162,195,000	\$30,317,148	\$131,877,852
Police Facilities (PF)	\$30,000,000	\$29,490,000	\$6,882,939	\$22,607,061
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	\$693,982	\$6,106,018
Total (CESER2)	\$400,000,000	\$400,000,000	\$100,187,289	\$299,812,711

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

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

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

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

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

Expenditures and Encumbrances

Total expenditures and encumbrances through June 30, 2015 are \$28,611,016 and \$4,572,458 respectively. The combined totals represent 29% of the appropriation of and 7% of the budget. The expenditures of \$28,611,016 include \$6,017,072 in pre-bond expenditures. The expenditures funded by the General fund for Station 48 Treasure Island are \$1,458,485, a project under the NFS.

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

Earthquake Safety and Emergency Response Bond Program

(ESER 2010 & 2014)

Attachments

Earthquake Safety and Emergency Response Bond Program

(ESER 2010 & 2014)

Attachment 1 – Program Budget Report

Earthquake Safety and Emergency Response Bond Program

(ESER 2010 & 2014)

Earthquake Safety & Emergency Response Bond Program ESER 2010 Program Budget Report - Expenditures as of 06/30/15								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
PUBLIC SAFETY BUILDING								
CONSTRUCTION	PUBLIC SAFETY BUILDING (CESER1 PS; 7400A & 7410A)	Soft Costs	42,707,388	42,707,388		42,101,216	855,842	-249,670
		Construction	193,768,885	193,768,885		185,739,701	7,328,316	700,868
		Project Contingency	185,703	185,703		0	0	185,703
		Subtotal	236,661,976	236,661,977	0	227,840,917	8,184,158	636,901
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	2,732,779	2,332,450		2,380,884	1,541	-49,975
		Construction	9,190,145	8,258,407		7,984,536	237,799	36,072
		Construction Contingency	295,652	215,041				215,041
		Subtotal	12,218,577	10,805,898	0	10,365,420	239,340	201,138
PLANNING	COMPREHENSIVE: STATION 44 (CESER1 FS38; Job Order 7438A)	Soft Costs	380,156	380,159		380,157	0	2
		Construction	1,187,109	1,000,813		1,000,813	0	0
		Construction Contingency	0	0		0		0
		Subtotal	1,567,265	1,380,972	0	1,380,970	0	2
PLANNING	COMPREHENSIVE: STATION 36 (CESER1 FS27; Job Order 7427A)	Soft Costs	950,353	1,233,472		1,122,758	37,955	72,760
		Construction	3,462,077	4,241,546		4,077,372	164,173	1
		Construction Contingency	385,787	15,816		0		15,816
		Subtotal	4,798,217	5,490,834	0	5,200,130	202,128	88,577
PLANNING	SEISMIC: STATION 5 (New 2-story) (CESER1 FS40; Job Order 7440A)	Soft Costs	3,195,094	1,671,528		1,342,558	278,405	50,565
		Construction	10,313,908	131,178		0	0	131,178
		Construction Contingency	329,755	0		0		0
		Subtotal	13,838,757	1,802,706	0	1,342,558	278,405	181,743
PLANNING	SEISMIC: STATION 9 UTILITY ISOLATION (CESER1 FS41; Job Order 7441A)	Soft Costs	80,000	80,000		0	0	80,000
		Construction	96,000	96,000				96,000
		Construction Contingency	24,000	24,000				24,000
		Subtotal	200,000	200,000	0	0	0	200,000
PLANNING	SEISMIC: STATION 16 (New 2-story) (CESER1 FS42; Job Order 7442A)	Soft Costs	1,802,919	2,136,053		1,782,441	62,979	290,633
		Construction	6,421,770	17,841		17,841	0	0
		Construction Contingency	616,968	0		0		0
		Subtotal						

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

Earthquake Safety & Emergency Response Bond Program ESER 2010 Program Budget Report - Expenditures as of 06/30/15								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
PLANNING	NEW PIER FIRE BOAT HEADQUARTERS (CESER1 FS24; Job Order 7424A)	Soft Costs	4,133,301	726,450		131,277	479,687	115,486
		Construction	4,903,309	0		0		0
		Project Contingency	956,525					
		Subtotal	9,993,136 ⁽¹⁾	726,450	0	131,277	479,687	115,486
PLANNING	EQUIPMENT LOGISTICS CENTER (CESER1 FS26; Job Order 7425A)	Soft Costs	589,000	17,680		8,179	0	9,501
		Construction						0
		Project Contingency						0
		Subtotal	589,000	17,680	0	8,179	0	9,501
PLANNING	PROGRAM-WIDE SOFT COSTS & PROGRAM RESERVE (CESER1 FS20; CESER1 FS30 Job Orders 7420A; 7429A, 7430A)	Soft Costs	11,217,709	8,498,650		8,213,892	231,673	53,085
		Construction						0
		Program Reserve	735,682					0
		Subtotal	11,953,391	8,498,650	0	8,213,892	231,673	53,085
PLANNING	NEIGHBORHOOD FIRE STATIONS SUMMARY (CESER1 FS)	Soft Costs	25,081,312	17,076,442	0	15,362,145	1,092,240	622,056
		Construction	35,574,318	13,745,786	0	13,080,563	401,972	263,251
		Project Contingency	3,344,369	254,857	0	0	0	254,857
		NFS GOB Proceeds	0	11,010,242		0	0	11,010,242
		Subtotal	64,000,000	42,087,326		28,442,707	1,494,212	12,150,406

(1) The Fire Boat Headquarters will be managed under the ESER 2014, however, the current appropriation and expenditures will remain under ESER 2010.

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

Earthquake Safety & Emergency Response Bond Program ESER 2010 Program Budget Report - Expenditures as of 06/30/15								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
AUXILIARY WATER SUPPLY SYSTEM (AWSS)								
PRE-BOND PLANNING AND DEVELOPMENT								
PLANNING	Pre-Bond Planning and Development							
		Soft Costs	1,316,964	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)								
Design	Jones Street Tank							
		Soft Costs	3,477,019	2,337,293		2,064,751	121,115	151,428
		Construction	4,225,034	4,272,456		2,609,065	1,475,282	188,108
		Project Contingency	389,445					0
		Subtotal	8,091,498	6,609,749	0	4,673,816	1,596,397	339,536
Design	Ashbury Heights Tank							
		Soft Costs	1,511,329	1,263,988		1,219,217	779	43,991
		Construction	3,610,805	3,688,514		3,240,828	302,237	145,450
		Project Contingency	359,657					0
		Subtotal	5,481,791	4,952,502	0	4,460,045	303,016	189,441
Design	Twin Peaks Reservoir							
		Soft Costs	1,335,194	1,193,632	0	1,173,822	615	19,195
		Construction	1,480,061	1,516,989		1,377,723	117,342	21,924
		Project Contingency	90,196					0
		Subtotal	2,905,451	2,710,621	0	2,551,545	117,957	41,119
PLANNING	Pump Station No. 2							
		Soft Costs	3,985,020	4,293,961	0	3,365,956	159,827	768,178
		Construction	10,026,842	11,000,000		0	0	11,000,000
		Project Contingency						0
		Subtotal	14,011,862	15,293,961	0	3,365,956	159,827	11,768,178
Design	Pump Station No. 1							
		Soft Costs	4,321,929	3,175,223	0	2,647,704	29,652	497,866
		Construction	8,631,700	9,000,000		635,362	8,292,360	72,279
		Project Contingency						0
		Subtotal	12,953,629	12,175,223	0	3,283,066	8,322,012	570,145

Earthquake Safety and Emergency Response Bond Program

(ESER 2010 & 2014)

Earthquake Safety & Emergency Response Bond Program ESER 2010 Program Budget Report - Expenditures as of 06/30/15								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
Design	FIREFIGHTING CISTERNS							
	Contract No. 1							
		Soft Costs	508,057	508,057		508,057	0	0
		Construction	0	0		0	0	0
		Project Contingency						0
		Subtotal	508,057	508,057	0	508,057	0	0
Design	New Cisterns							
		Soft Costs	8,002,177	6,559,563	0	5,701,211	1,134	857,219
		Construction	26,687,886	29,333,129		13,289,001	5,445,632	10,598,495
		Project Contingency						0
		Subtotal	34,690,064	35,892,692	0	18,990,212	5,446,766	11,455,714
Design	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
Design	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 06/30/15								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
	FIREFIGHTING PIPES AND TUNNELS							
PRE-DESIGN	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
PLANNING	Pipes/Tunnels (Projects 11 thru 19)							
		Soft Costs	7,367,599	5,392,796		2,721,976	863,284	1,807,535
		Construction	11,748,177	908,939		249,453	499,548	159,939
		Project Contingency						0
		Subtotal	19,115,776	6,301,735	0	2,971,429	1,362,832	1,967,474
PLANNING	Contract No. 2							
	Added to baseline budget above-->	Soft Costs		0		0	0	0
		Construction						0
		Project Contingency						0
		Subtotal	0	0	0	0	0	0
PLANNING	Contract No. 3							
	Added to baseline budget above-->	Soft Costs		0		0	0	0
		Construction						0
		Project Contingency						0
		Subtotal	0	0	0	0	0	0
PLANNING	CUW AWS 01							
		Soft Costs	384,409	13,696,961		205,314	72,195	13,419,454
		Construction	0	0				0
		Project Contingency						0
		Subtotal	384,409	13,696,961	0	205,314	72,195	13,419,454
	AUXILIARY WATER SUPPLY SYSTEM (AWSS)							
		Soft Costs	35,150,197	42,679,974		23,837,605	1,269,803	17,572,567
		Construction	66,410,505	59,720,027		21,401,432	16,132,401	22,186,195
		Project Contingency	839,298	0		0	0	0
		Subtotal	102,400,000	102,400,000	0	45,239,037	17,402,204	39,758,762

Earthquake Safety and Emergency Response Bond Program

(ESER 2010 & 2014)

Earthquake Safety & Emergency Response Bond Program ESER 2010 Program Budget Report - Expenditures as of 06/30/15								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
ESER								
		Soft Costs	102,938,897	102,463,803	0	81,300,966	3,217,885	17,944,953
		Construction	295,753,709	278,244,940	0	220,221,696	23,862,689	34,160,556
		Project Contingency	4,369,369	440,560	0	0	0	440,560
		Subtotal	403,061,975	381,149,303	0	301,522,662	27,080,575	52,546,069
BOND OVERSIGHT/ACCOUNTABILITY			6,900,000	1,155,213		413,279	648,925	93,009
BOND COST OF ISSUANCE				1,202,346		1,140,527 ⁽²⁾	0	61,819
TOTAL ESER 2010 (CESER1)			409,961,975 ⁽³⁾	383,506,862	0	303,076,468	27,729,500	52,700,897

As of 07/01/15, the FAMIS fiscal month 12 2015 June 2015, actual expenditures are \$396,678,307. 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 \$45,239,037 for actuals per FAMIS Project Structure CUW AWS AW as of 07/01/15.

(b) less \$26,115 for actuals Controller's Audit Fund (CUW AWS 081C4) and CGOBOC (CUW AWS 081GO) as of 07/01/15.

(2) Bond Sale Premiums:

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

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

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

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

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

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

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

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

(5) PSB Video Work Order

Total (CESER1)

	\$102,568,217	
	(\$45,239,037)	
	(\$26,115)	
\$5,118,923		\$5,118,923
\$0		\$0
\$16,898,268		\$16,898,268
\$6,213,547		\$6,213,547
\$2,606,056		\$2,606,056
\$5,461,975		\$5,461,975
2,338,024		
6,354,478		-
(53,000)		
\$428,445,116		\$396,678,302

Earthquake Safety and Emergency Response Bond Program

(ESER 2010 & 2014)

Earthquake Safety & Emergency Response Bond Program ESER 2014 Program Budget Report - Expenditures as of 06/30/15								
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	18,501,350	10,054,407		6,278,595	2,582,616	1,193,196
		Construction	45,095,444	1,529,563		971,512	74,450	483,601
		Project Contingency	298,206	22,558,651				22,558,651
		Subtotal	63,895,000	34,142,621	0	7,250,107	2,657,066	24,235,448
			63,895,000	34,142,621		7,250,107	2,657,066	24,235,448
<u>TRAFFIC CONTROL & FORENSIC SERVICES DIVISION</u>								
	TC&FSD							
DESIGN	9100A (CESER2TC)							
		Soft Costs	55,014,803	28,302,360		17,804,996	1,369	10,495,994
		Construction	107,180,197	0		0	0	0
		Project Contingency	0	2,014,789				2,014,789
		Subtotal	162,195,000	30,317,149	0	17,804,996	1,369	12,510,783
			162,195,000	30,317,148		17,804,996	1,369	12,510,782
<u>DISTRICT POLICE STATIONS</u>								
	DPS							
DESIGN	9200A (CESER2PD)							
		Soft Costs	29,490,000 ^(*)	6,882,939		244,651	204,169	6,434,119
		Construction	0	0		0	0	0
		Project Contingency	0	0				0
		Subtotal	29,490,000	6,882,939	0	244,651	204,169	6,434,119

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

Earthquake Safety & Emergency Response Bond Program ESER 2014 Program Budget Report - Expenditures as of 06/30/15								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
OFFICE OF THE CHIEF MEDICAL EXAMINER								
	OCME							
DESIGN	9000A (CESER2ME)							
		Soft Costs	18,501,350	10,054,407		6,278,595	2,582,616	1,193,196
		Construction	45,095,444	1,529,563		971,512	74,450	483,601
		Project Contingency	298,206	22,558,651				22,558,651
		Subtotal	63,895,000	34,142,621	0	7,250,107	2,657,066	24,235,448
			63,895,000	34,142,621		7,250,107	2,657,066	24,235,448
TRAFFIC CONTROL & FORENSIC SERVICES DIVISION								
	TC&FSD							
DESIGN	9100A (CESER2TC)							
		Soft Costs	55,014,803	28,302,360		17,804,996	1,369	10,495,994
		Construction	107,180,197	0		0	0	0
		Project Contingency	0	2,014,789				2,014,789
		Subtotal	162,195,000	30,317,149	0	17,804,996	1,369	12,510,783
			162,195,000	30,317,148		17,804,996	1,369	12,510,782
DISTRICT POLICE STATIONS								
	DPS							
DESIGN	9200A (CESER2PD)							
		Soft Costs	29,490,000 ⁽¹⁾	6,882,939		244,651	204,169	6,434,119
		Construction	0	0		0	0	0
		Project Contingency	0	0				0
		Subtotal	29,490,000	6,882,939	0	244,651	204,169	6,434,119
			29,490,000	6,882,939		244,651	204,169	6,434,119

(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 06/30/15

Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
NEIGHBORHOOD FIRE STATIONS								
	<p>The finance management of the focused scope projects are tracked as soft cost and construction costs. The soft costs are tracked by scope and the construction is tracked by station. As a result, the financial reporting is different from the other components. The NFS Soft Costs includes the Component's management services including SFFD representative services, construction management support services (CMSS), materials testing and special inspection (MTSI), pre-design and assessment services, space analysis and a study of EMS/BOE. Station 35 Fireboat and Station 48 Treasure Island are seismic projects and they follow the same format as the other components. The Program Reserve will be used to fund the additional projects when identified.</p>							
	NFS Soft Costs	Soft Costs	10,212,923	1,664,061		597,483	259,816	806,762
	Focused Scope Projects							
	Apparatus Bay Doors: Stations 7, 9, 10, 13, 15, 18, 21	Soft Costs	41,520	38,677		41,516	0	-2,839
	Roofs: Stations 3, 43, 49	Soft Costs	410,579	190,958		89,635	0	101,323
	Showers: Stations 13, 20, 22, 34	Soft Costs	230,829	91,266		31,433	0	59,833
	Windows: Stations 7, 8, 9, 19, 20, 21, 24, 25, 29	Soft Costs	109,063	46,191		24,176	0	22,015
	Exterior Envelope: Stations 8, 23, 24, 29, 34	Soft Costs	432,688	108,951		27,879	0	81,072
	Mechanical: Stations 7, 8, 14, 20, 23, 41, 43, 49	Soft Costs	161,000	30,008		0	0	30,008
	Generators: Stations 19, 31, 39	Soft Costs	143,964	8		0	0	8
	Access Control: total 25 stations	Soft Costs	508,593	508,593		124,311	66,139	318,143
	Sidewalk: Stations 13, 20, 26, 31	Soft Costs	73,500	0		0	0	0
			12,324,658	2,678,713	0	936,432	325,955	1,416,325
	9603A Fire Station No. 3	Construction Costs	1,291,979	1,034,037		25,476	65,504	\$943,057
	9607A Fire Station No. 7	Construction Costs	150,363	20,000		0	0	\$20,000
	9608A Fire Station No. 8	Construction Costs	235,720	0		0	0	\$0
	9609A Fire Station No. 9	Construction Costs	19,521	18,027		0	1,494	\$16,533
	9613A Fire Station No. 13	Construction Costs	635,560	30,724		1,059	0	\$29,665
	9614A Fire Station No. 14	Construction Costs	51,750	0		0	0	\$0
	9619A Fire Station No. 19	Construction Costs	167,985	19,725		0	6,258	\$13,467
	9620A Fire Station No. 20	Construction Costs	204,259	78,413		1,899	0	\$76,514
	9621A Fire Station No. 21	Construction Costs	11,045	0		0	0	\$0
	9622A Fire Station No. 22	Construction Costs	67,214	58,564		1,663	0	\$0
	9623A Fire Station No. 23	Construction Costs	234,000	0		0	0	\$0
	9624A Fire Station No. 24	Construction Costs	374,485	13,954		0	0	\$0
	9625A Fire Station No. 25	Construction Costs	172,040	0		0	0	\$0
	9626A Fire Station No. 26	Construction Costs	60,375	0		0	0	\$0
	9629A Fire Station No. 29	Construction Costs	191,751	17,778		0	2,459	\$15,319
	9631A Fire Station No. 31	Construction Costs	231,725	0		0	0	\$0
	9634A Fire Station No. 34	Construction Costs	409,455	30,497		1,006	0	\$29,491
	9639A Fire Station No. 39	Construction Costs	298,341	25,175		4,055	18,831	\$2,289
	9641A Fire Station No. 41	Construction Costs	51,750	0		0	0	\$0
	9643A Fire Station No. 43	Construction Costs	468,625	0		0	0	\$0
	9649A Fire Station No. 49	Construction Costs	468,625	0		0	0	\$0
			5,796,567	1,346,894	0	35,158	94,546	1,217,190

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

Earthquake Safety & Emergency Response Bond Program ESER 2014 Program Budget Report - Expenditures as of 06/30/15								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
<u>Seismic Projects</u>								
	9635A Station 35 Fire Boat House	Soft Costs	15,139,310	0		0	0	0
		Construction	22,708,967	0		0	0	0
		Project Contingency	0	0		0	0	0
		Subtotal	37,848,277	0	0	0	0	0
	7848A Station 48 Treasure Island	Soft Costs	161,255	161,255		140,954	25,748	-5,447
		Construction	1,274,157	1,274,157		706,666	236,653	330,838
		Project Contingency	64,588	64,588		0	0	64,588
		Subtotal	1,500,000	1,500,000	0	847,620	262,401	389,979
	Program Reserve		26,085,498	2,624,993		0	0	2,624,993
	Summary	Soft Costs	27,625,223	2,839,968	0	1,077,386	351,703	1,410,878
		Construction	29,779,691	2,621,051	0	741,824	331,199	1,548,028
		Project Contingency	26,150,086	2,689,581	0	0	0	2,689,581
		Subtotal	83,555,000	8,150,600	0	1,819,210	682,902	5,648,487

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

Earthquake Safety & Emergency Response Bond Program ESER 2014 Program Budget Report - Expenditures as of 06/30/15								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
EMERGENCY FIREFIGHTING WATER SYSTEM								
PRE-BOND PLANNING AND DEVELOPMENT								
PROGRAM	Pre-Bond Planning and Development							
		Soft Costs	935,000	0		0	0	0
		Construction	0	0		0	0	0
		Project Contingency						0
		Subtotal	935,000	0	0	0	0	0
AUXILIARY WATER SUPPLY SYSTEM (AWSS)								
Construction	Twin Peaks Reservoir - ESER 2014 CUWAW2AW23							
		Soft Costs	50,000	50,000	0	0	0	50,000
		Construction	682,000	682,000	0	643,518	38,482	0
		Project Contingency	50,000	50,000				50,000
		Subtotal	782,000	782,000	0	643,518	38,482	100,000
Planning	ESER 2014 Assessments CUWAW2AW30							
		Soft Costs	1,200,000	1,190,895	0	469,918	356,855	364,122
		Construction			0	0	0	0
		Project Contingency						0
		Subtotal	1,200,000	1,190,895	0	469,918	356,855	364,122
Design	Candlestick Point Pipeline CUWAW2AW31							
		Soft Costs	0	0	0	0	0	0
		Construction	1,000,000	1,000,000	0	0	373,096	626,904
		Project Contingency						0
		Subtotal	1,000,000	1,000,000	0	0	373,096	626,904
Design	19th Avenue Pipeline CUWAW2AW32							
		Soft Costs	662,000	371,115	0	3,984	0	367,131
		Construction	1,838,000		0			
		Project Contingency						
		Subtotal	2,500,000	371,115	0	3,984	0	367,131
Design	Irving St Pipeline CUWAW2AW33							
		Soft Costs	1,456,000	337,600	0	17,808	0	319,792
		Construction	4,044,000		0			
		Project Contingency						
		Subtotal	5,500,000	337,600	0	17,808	0	319,792
PROGRAM	CUWAW200							
		Soft Costs	10,770,750	16,318,390	0	0	18,637	16,299,753
		Construction	28,003,950	0	0			
		Project Contingency	4,308,300	0				0
		Subtotal	43,083,000	16,318,390	0	0	18,637	16,299,753
AUXILIARY WATER SUPPLY SYSTEM (AWSS)								
		Soft Costs	15,073,750	18,268,000	0	491,710	375,492	17,400,798
		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	1,135,228	787,070	18,077,702

Earthquake Safety and Emergency Response Bond Program

(ESER 2010 & 2014)

Earthquake Safety & Emergency Response Bond Program ESER 2014 Program Budget Report - Expenditures as of 06/30/15								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
ESER								
		Soft Costs	145,705,126	66,347,673	0	25,897,338	3,515,349	36,934,986
		Construction	217,623,282	5,832,614		2,356,854	817,227	2,658,533
		Project Contingency	30,806,592	27,313,021		0	0	27,313,021
		Subtotal	394,135,000	99,493,308	0	28,254,192	4,332,576	66,906,540
BOND OVERSIGHT/ACCOUNTABILITY			5,865,000	693,982		358,834	239,882	95,266
TOTAL ESER 2014 (CESER2)			400,000,000	100,187,289		28,613,026	4,572,458	67,001,806

Earthquake Safety and Emergency Response Bond Program

(ESER 2010 & 2014)

Attachment 2 – Timeline and Schedule

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

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

Description	BUDGET	Schedule		FY 10/11				FY 11/12				FY 12/13				FY 13/14				FY 14/15				FY 15/16				FY 16/17				FY 17/18				FY 18/19					
		Start	Completion	July 1, 2010		June 30, 2011		July 1, 2011		June 30, 2012		July 1, 2012		June 30, 2013		July 1, 2013		June 30, 2014		July 1, 2014		June 30, 2015		July 1, 2015		June 30, 2016		July 1, 2016		June 30, 2017		July 1, 2017		June 30, 2018		July 1, 2018		June 30, 2019			
				1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.		
June 30, 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							08/01/11	01/27/12	181,300	Planning																														
								01/30/12	04/19/13	882,302	Design																														
								04/22/13	05/27/16	7,027,896	Construction																														
Current/Approved	8,091,498																																								
Current/Projected	8,091,498																																								
Actual																																									
AWSS ASHBURY HEIGHTS TANK																																									
Original/Baseline Budget	5,481,791							07/25/11	02/29/12	147,500	Planning																														
								02/29/12	04/19/13	1,012,191	Design																														
								04/22/13	05/27/16	4,322,100	Construction																														
Current/Approved	5,481,791																																								
Current/Projected	5,481,791																																								
Actual																																									
AWSS TWIN PEAKS RESERVOIR																																									
Original/Baseline Budget	2,905,451							06/01/11	01/27/12	203,600	Planning																														
								01/30/12	04/19/13	732,247	Design																														
								04/22/13	05/27/16	1,969,604	Construction																														
Current/Approved	2,905,451																																								
Current/Projected	2,905,451																																								
Actual																																									
AWSS PUMP STATION NO. 2																																									
Original/Baseline Budget	7,011,862							7/25/2011	9/25/2012	810,869	Planning																														
								9/26/2012	5/14/2015	2,734,685	Design																														
								5/15/2015	9/26/2016	10,466,308	Construction																														
Current/Approved	14,011,862																																								
Current/Projected	14,011,862																																								
Actual																																									

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			
		Start	Completion	July 1, 2010		June 30, 2011		July 1, 2011		June 30, 2012		July 1, 2012		June 30, 2013		July 1, 2013		June 30, 2014		July 1, 2014		June 30, 2015		July 1, 2015		June 30, 2016		July 1, 2016		June 30, 2017		July 1, 2017		June 30, 2018		July 1, 2018		June 30, 2019	
				1st Qtr. 9/30/10	2nd Qtr. 12/31/10	3rd Qtr. 3/31/11	4th Qtr. 6/30/11	1st Qtr. 9/30/11	2nd Qtr. 12/31/11	3rd Qtr. 3/31/12	4th Qtr. 6/30/12	1st Qtr. 9/30/12	2nd Qtr. 12/31/12	3rd Qtr. 3/31/13	4th Qtr. 6/30/13	1st Qtr. 9/30/13	2nd Qtr. 12/31/13	3rd Qtr. 3/31/14	4th Qtr. 6/30/14	1st Qtr. 9/30/14	2nd Qtr. 12/31/14	3rd Qtr. 3/31/15	4th Qtr. 6/30/15	1st Qtr. 9/30/15	2nd Qtr. 12/31/15	3rd Qtr. 3/31/16	4th Qtr. 6/30/16	1st Qtr. 9/30/16	2nd Qtr. 12/31/16	3rd Qtr. 3/31/17	4th Qtr. 6/30/17	1st Qtr. 9/30/17	2nd Qtr. 12/31/17	3rd Qtr. 3/31/18	4th Qtr. 6/30/18	1st Qtr. 9/30/18	2nd Qtr. 12/31/18	3rd Qtr. 3/31/19	4th Qtr. 6/30/19
AWSS PUMP STATION NO. 1 Original/Baseline Budget	10,453,628	7/25/2011	1/31/2012					133,708 Planning				1,781,025 Design				11,038,896 Construction																							
Current/Approved	12,953,629																																						
Current/Projected	12,953,629																																						
Actual																																							
FIREFIGHTING CISTERNS - CONTRACT NO. 1 Original/Baseline Budget	508,350	7/8/2011	1/30/2012					62,860 Planning				445,197 Design																											
Current/Approved	508,057																																						
Current/Projected	508,057																																						
Actual																																							
FIREFIGHTING CISTERNS - CONTRACT NO. 2 Original/Baseline Budget	34,538,945	1/30/2012	4/15/2015					3,877,210 Design				30,812,854 Construction																											
Current/Approved	34,690,064																																						
Current/Projected	34,690,064																																						
Actual																																							
FIREFIGHTING CISTERNS - CONTRACT NO. 3 Original/Baseline Budget	51,047	7/2/2012	9/27/2012									50,718 Design																											
Current/Approved	50,718																																						
Current/Projected	50,718																																						
Actual																																							
FIREFIGHTING CISTERNS - CONTRACT NO. 4 Original/Baseline Budget	124,402	7/2/2012	7/19/2013									124,191 Design																											
Current/Approved	124,191																																						
Current/Projected	124,191																																						
Actual																																							

June 30, 2015

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

Attachment 3 – Contact Information



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

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Public Utilities Commission

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Contact

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