



Earthquake Safety and Emergency Response (ESER 2010) Bond Program

- Public Safety Building
- Neighborhood Fire Stations & Support Facilities
- Auxiliary Water Supply System (AWSS)

Citizens General Obligation Bond Oversight Committee

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EXECUTIVE SUMMARY

The Earthquake Safety and Emergency Response (ESER1) Bond Program consists of three components: the **Public Safety Building (PSB)**, the **Neighborhood Fire Stations & Support Facilities (NFS)**, and the **Auxiliary Water Supply System (AWSS)**. These components' particular projects are proceeding apace, hewing to stipulated schedules and budgets. Some projects confront unanticipated impacts such as delayed DBI permitting and Civic Design Review approval. The impacts are managed to avoid as much as possible, undue consequence to client department(s)' expressed needs and expectations. To date there have been no upsets that would compromise the successful delivery of any project.

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

Public Safety Building

Architectural concrete walls were completed in December. Installation of Curtainwall glazing assembly, which began at the West façade in July, continues through December to be completed in January 2014. Installation of mechanical electrical, plumbing, and fire sprinkler systems continues through December, followed by metal stud wall framing and drywall installation.

All trade packages have been bought-out, with the exception of the Electric Vehicle Charging Station installation and Final Clean.

Project Cost, inclusive of all change orders to date, is tracking well within the Total Project Budget of \$239M. The project schedule has not changed since the last CGOBOC Report in September 2013, with a target substantial completion of June 2014.

Neighborhood Fire Stations & Support Facilities

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

Station 16: The Station 16 50% construction documents deliverable was completed on October 8 as scheduled. Design review and cost estimate was submitted on October 31 as scheduled. The cost estimate is within the construction budget. The 80% design check set was issued on December 9 for coordination. The new civil engineer for storm water began work on December 20.

Station 5: In September 2013 SFFD directed DPW to proceed on Station 5 as a CM/GC delivery model. The team will proceed with preparations in fourth quarter 2013 for an anticipated February 2014 start.

Station 35: The Warriors development team made various public presentations of their proposed project at Piers 30/32, which includes a new Fire Boat Station #35 at the site. SFFD direction is to await the EIR disposition of Fire Boat Station 35 relocation to the Warriors development site (date TBD) before deciding whether to resume development of the Pier 22-1/2 site.

Comprehensive Projects: Station 36

The combined project Station 36 and 44 continues to progress. Station 36 pre-construction phase began as scheduled on October 28 at both Stations 36 and 44 and successfully completed at Station 36 on November 27. Station 36 pre-construction phase began as scheduled on October 28 and successfully completed on November 27. Hazmat abatement and demolition work began in December. Station 44 pre-construction phase began as scheduled on October 28 and successfully completed on December 23rd. Hazmat abatement and roofing work began in December.

Focused Scope Projects

Roof Replacements:

The scope consists of installing new roofing systems and upgrading exhaust fans on fifteen (15) stations. Package 1 (Stations 6, 38, 41 and 42), Station 28, Package 3 (Stations 18, 40 and 31), Package 4 (Stations 15, 17, 26, and 32), Package 5 (Stations 10 and 13) roofs are complete. On Station 2 roof, the City is anticipating closing this project out by end of January 2014

Shower Reconstruction:

The scope includes reconstruction of showers in (9) stations. SFFD approved DPW's proposal for project delivery of shower work using a combination of BBR forces and general contractors

- Package #1 (Station 15) was completed by Rodan, the JOC Contractor, in May 2013 and Package #2 (Station 6) was completed by BBR in September 2013.
- Stations 17, 18 were put on hold due to scope complexity. Station 44 showers will be done by Roebuck, the contractor currently working on Station 44 renovation project, and the remaining balance of 6 stations (26, 38,13,18,40,41) will be bid out. Advertising this package is scheduled for end of January 2014.

Mechanical Scope:

The scope consists of mechanical upgrades in multiple stations. Because of the nature of this scope, the work 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, performed by Azul (JOC Contractor), was substantially complete in September 2013.
- Group 2, Rodan (JOC Contractor) was awarded the contract and is scheduled to start work on January 2 2014. Rodan is to complete the work on all (11) stations by mid March, 2014.

Exterior Envelope:

The scope consists of painting exterior elevations of (16) stations including crack repairs, water intrusion prevention, window replacement and other associated work.

Stations 6, 38, 28, 41, 42 and 49 exterior envelope packages are to be performed by DPW BBR, while the remaining packages (packages 4, 5 and 6), will be bid out through DPW public bidding process to B or C33 license contractors.

- BBR has completed Stations 38, 49 and 6 and is scheduled to complete Station 42 by end of January.
- Package 4 (Stations 15, 32, 40): OnPoint, the micro-LBE contractor, completed Stations 32 and 40 on November 26; Station 15 completion is contingent of SFMTA completing the installation of the windows.
- Package 5 (Stations 10, 13, 17, 26): CF Contracting was issued NTP date of 1/20/14. The contractor is to complete this project by March 25th.
- Package 6 (Stations 2, 18, 31): Roebuck is the apparent low bidder. The City is anticipating the release of the NTP by end of January 2014.

Emergency Generator Replacement:

Stations 6, 15, 12, 17 and 21 are scheduled to receive new Emergency Generators (EG) and replacement of service.

- Station 6: was completed on budget and schedule on July 14, 2013.
- Station 17: The City is to issue the NTP to Nicole's Work, the JOC contractor, on 1/13/2014. Permit was filed on 12/23.
- Station 15: BBR installed the (80kw) emergency generator unit on December 2 and is to complete the remaining work by the end of January, 2014.
- Station 12 and 21 design is complete as of 12/17/13; permits were filed on 12/20/13. Advertising this package is scheduled for end of January 2014.

Window Repair – 12 stations:

BBR was selected to perform this work. BBR completed work at (10) stations as of December 2013. The remaining work at Stations 31 and 25 is scheduled for February 2014.

Auxiliary Water Supply System

The AECOM/AGS JV planning study is being revised to reflect recent discussions with the Capital Planning Committee.

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

Construction continued for Cisterns A (WD-2695). Notice-to-proceed was issued for Cisterns B (WD-2696). Bids for Cisterns C (WD-2697) were received and contract award is scheduled in January 2014. Design work continued for additional new cisterns.

Planning work continued for pipeline and tunnel projects.

Budget

The ESER has expended \$169,109,508 through December 2013. Out of the \$169,109,508, \$137,469,493 is for the PSB; \$14,612,783 is for the NFS; \$15,689,119 is for AWSS; and \$1,338,113 is for Bond Cost of Issuance, Bond oversight and accountability expenses. The expenditures are consistent with our spend-down forecast and are within budget.

To date, the program has received the proceeds of four bond sales totaling \$332,135,000. The breakdown of the proceeds received is discussed in the Budget, Funding Expenditures section of this report on pages 18 and 19.

Other Information

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

PROGRAM SUMMARY AND STATUS

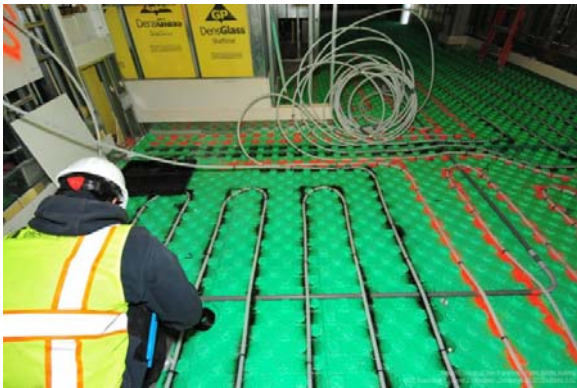
Public Safety Building



Exterior View of building from 3rd Street



Installation of Police HQ Art



Installation of radiant flooring at FS4 Level 2



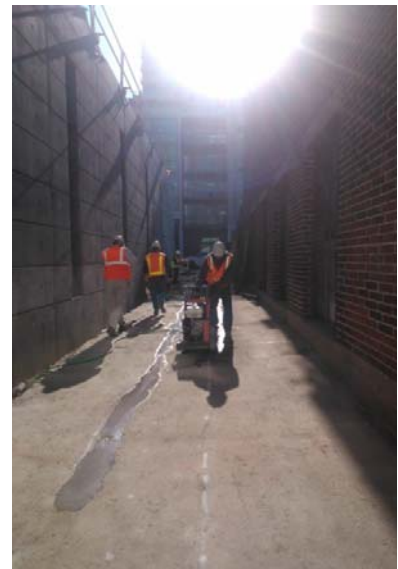
Anti-ram walls at China Basin St.



Main entry on 3rd Street



Conc. formwork removal



Sitework between PSB and FS30

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

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

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

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

Project Status:

Construction Activities:

- Construction of Architectural Concrete Walls is complete, to be followed by CMU wall at Line A (east elevation at parking Levels P1 through P4) in January
- Rough-in for MEPFS at West Tower continues through this reporting quarter, followed by installation of shaft-walls, risers, wall framing and drywall
- Police HQ Lobby Art glass cylinder installation and skylight (@ North Terrace) completed in December.
- Installation of radiant flooring began in December starting at Level 2, and tubing is completed through Level 3 of Fire Station 4 areas.
- Installation of exterior screen framing began mid-September, and is expected to be complete in February 2014.
- Installation of guide rails and supports at Elevators #1, 2, and 5 was completed in December.

- Fire Station 30 exterior brick repair work began in October and is expected to be complete by mid-February 2014.

Project Schedule:

Substantial Completion = June 21, 2014 (no change from last report)

Final Completion = August 21, 2014 (no change from last report)

Target Move-In = November 2014 (no change from last report)

Trade package bidding was completed in October, with the exception of the EV charging stations and Final Cleaning for the Project.

5 FF+E bid packages will be issued for PSB

- Workstation pre-bid conference/ site-walk held on 12/13, with bids expected from three qualified bidders due on 1/17/2014.
- RFQ for Seating is expected to be issued in February.
- Four additional Invitations to Bid (Ancillary Furniture; Seating; Fitness Equipment; Security Equipment) will be issued by March 2014.

Project Budget: Project Cost, inclusive of all change orders to date, is tracking well within the Total Project Budget of \$239M. Refer to the [Budget, Funding and Expenditures](#) on Pages 18 and 19.

Neighborhood Fire Stations & Support Facilities

7427A Station 36 Selective Demolition



7438A Station 44 Roof Replacement



Exterior Envelope Station 15 Painting



7436A Exterior Envelope Station 42



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

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

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

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

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

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

The ESER 1 bond program is anticipated to complete improvements to 16 of the 42 neighborhood fire stations, as well as for the Fire Boat Station. The approved slate of projects was presented to the SF Fire Commission on April 26, 2012.

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Project Status:

SFFD evaluated project scope and program budget options prepared by DPW and approved on February 29, 2012 a final slate of Groups I, II and III projects to be completed as part of ESER I. Direction was also provided for the preferred development of the Fire Boat Station and analysis of the Emergency Logistics Center (ELC.) The approved slate of projects was presented to the SF Fire Commission on April 26, 2012. Developments of baseline schedule and baseline budgets for these projects are nearly complete for SFFD approval. Progress on the slate of projects was presented to the Fire Commission on October 25, 2012.

Seismic Projects: Stations 16 and 5

Station 16:

Design services are being provided by DPW BDC/IDC.

Civic Design Review Phase (CDR) granted Phase I approval on January 14, 2012. Staff provided a project briefing to leaders of Marina / Cow Hollow neighborhood and commerce groups at a March 29, 2013 meeting hosted by District 2 Supervisor Mark Farrell. Additional neighborhood outreach occurred on May 3, 2013 with immediate neighbors to the station, and on May 16, 2013 with the community and merchants groups again hosted by Supervisor Farrell. The last meeting on June 12, 2013 resulted in agreement on façade design which both the designers and the community could support. These efforts have been instrumental to achieve best consensus possible and move forward without delay. Follow up meeting with the immediate neighbors will be scheduled in January 2014.

The project team provided an informational presentation to Civic Design Review on June 17, and obtained Phase II approval at the August 19, 2013 meeting. Final Phase III presentation is scheduled for January 13. Construction Documents phase began on July 22. The 50% CD set was submitted as scheduled on October 8. Design Review and Cost Estimation were completed on October 31 as scheduled and the project remains within budget. The A/E team issued the 80% progress set on December 9 for final coordination prior to issuing the bid set. An as-needed civil engineer with storm water expertise was began work on December 20th. 100% CD schedule will be finalized in January, for an anticipated completion by early March. The site permit was filed with DBI on December 20.

Station 5:

Design services are being provided by DPW BDC/IDC.

SFFD approved concept floor plans on February 25, 2013; concept façade development was placed on hold pending resolution of Station 16 façade design. DPW is preparing service delivery model comparison for SFFD consideration, and start of schematic design will follow in January 2014. The schedule contains sufficient float to easily accommodate this hold. The Station 5 overall schedule can accept this time without undesired impact.

SFFD is considering project delivery models for Station 5, and in September 2013 SFFD directed DPW to proceed with Station 5 development with CM/GC project delivery. The team will proceed with preparations on Station 5 as a CM/GC delivery model in fourth quarter 2013 for an anticipated February 2014 Schematic Design start. Outreach to elected officials and community group will begin in January 2014.

Fire Boat Station 35:

Design services are being provided by DPW BDC/IDC.

The Warriors' development team has asked that the City and SFFD consider relocating the Fire Boat Station to Piers 30/32, and the request has been accepted tentatively pending the resolution of all relevant matters, including the inclusion of Pier 22 1/2 (existing location) in the 30/32 master EIR, as an alternative, and expectations for design and funding. SFFD direction to the DPW has been to await publication of the Warriors development EIR (date TBD) before deciding upon any next steps to retain the Pier 22-1/2 site as a viable backup option.

Equipment Logistics Center (ELC):

The ELC project was identified after the passage of the bond – it was suggested as a project combining the Bureau of Equipment (BOE) and Emergency Medical Services (EMS). In this configuration, the sum total of functional program area makes it infeasible for it to occur at 1415 Evans; more significantly, the budget for such a project is not available within the ESER1 NFS funding.

In lieu of this project, the SFFD requested that a smaller facility, dedicated to the storage of essential material, be considered at the lot behind Station #9. The conceptual program and cost estimate was completed in February 2012, and is pending a decision as to whether to dedicate bond funds to accomplish this project.

SFFD requested DPW prepare a program analysis and cost estimate for the EMS portion of the building for consideration in ESER II bond. The analysis was completed in September 2013. SFFD has directed construction of a shed behind Station 9, to be developed in second half 2014 after Station 16 bid results are obtained and reliable balance of usable reserve is identified.

Comprehensive Project: Station 36

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

The design is proceeding on track to meet LEED Gold for Commercial Interiors standards as approved by the Green Building Coordinator, San Francisco Department of the Environment. Procurement for outside consulting services for required LEED design review and commissioning is underway and work began as scheduled in March 2013 and will continue through the construction phase. The project was bid as scheduled. Three bids were received on May 20; all three bids exceeded the budget. The lowest two of three bids were within less than 1% of each other, indicating that the bid documents clearly conveyed the scope. The construction bid climate continues to heat up, and fewer bids were received than anticipated. To help mitigate these factors when the project is rebid in July, the project team will: 1) revise certain scope items to bring the overall cost down; 2) increase marketing and outreach efforts to local contractors. In addition, fewer projects are bidding in July, increasing the probability of General Contractor interest in the Station 36 project. Increasing the number of bidders and hence competition should improve bid results.

The project was readvertised together with Station 44 as scheduled in July 2013. Five bids were received on August 7. After bids were analyzed and bid protest was resolved, award is in progress to the lowest responsive bidder, Roebuck Construction, who was the second lowest bidder from the initial bid results. Notice of Award was issued on September 25 and Notice to Proceed was issued on October 24. Pre-construction phase was successfully completed at Station 36 on November 27. Hazmat abatement and demolition work began in December. Station 44 pre-construction phase was successfully completed on December 23rd. Hazmat abatement and roofing work began in December.

The Station 36 design is proceeding on track to meet LEED Gold for Commercial Interiors standards as approved by the Green Building Coordinator, San Francisco Department of the Environment. Procurement for outside consulting services for required LEED design review and commissioning is complete. Work began in March 2013 and will be ongoing through construction. These services include reviews of commissioning plans and start up testing of equipment. Commissioning kick off meeting with contractors and consultants was held on December 16, 2013.

Focused Scope Projects

Design services are being provided by DPW BDC/IDC. (4) of the (5) emergency generators are designed by GHD (Elect. Eng. Consultant)

Roof Replacement:

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

Package #4 (4 stations) achieved final completion in April 2013. Package #3 (3 stations) achieved substantial completion in February, 2013. Contractor submitted all required closeout documents except for the As-Built drawings. Final Completion will not be issued until Western Roofing's corrective action plan for local hiring deficiencies is approved by City Build. Western Roofing was given direction to complete this task by end of July. This was achieved in September and the project is considered complete.

On station 2 roof, Azul, the JOC contractor, began work at Station #2 roof replacement work as scheduled on January 7, 2013, the roofing system was completed on March 8, 2013, as scheduled. On April 18, 2013, an extension time request was granted to extend the substantial completion to complete mechanical scope items. During the final punch walk, it was decided that the Contractor is to remove and replace some mechanical roof top units and the Air Handling unit (non conforming to specifications). The City sent a letter notifying the JOC Contractor of the non conforming work, and that the City may assess liquidated damages if work is not corrected per contract documents. The Contractor corrected the non-conforming work on August 30; the Close out documents were received, reviewed and approved by the City on 10/28. In order to formally close this project, the City is in the process of negotiating the only outstanding change order - anticipated date to finalize this change order is 1/17/14.

Package 5 (Stations 10 and 13) – The project was substantially complete as of July 15. However, the City/ FD did not accept some of the installed work, namely the appearance of Kemper waterproofing product. Western is in the process of procuring the material and re-installing it again. As of November 22nd, all non-conforming work at both stations was complete and accepted. This package was formally closed out on 12/20/13.

Shower Reconstruction:

The scope includes reconstruction of showers in (9) stations.

Shower reconstruction package 1 for Stations 15, 6, and 38 is underway. Per FD direction, Station 15 must be successfully completed as a prototype mock-up project prior to commencing work at Station 6 and subsequently Station 38, both to be executed by DPW BBR.

Construction began as scheduled at Station 15 on April 18, 2012. Contractor changed certain installation details without prior approval, and corrective work will necessitate additional fabricated materials. In mid September 2012, the manufacturer arrived at the site from out of state to resolve final details with the Architect of record and the Fire Department. Material order for these corrective details was placed, and the work proceeded

in the field from March 25 – 29, 2013. The contractor did not installed doors and threshold as per contract, the City requested that the work to be corrected no later than May 10th, 2013. The work at this station was complete as of May.

On FS 6 showers, FD provided authorization to move ahead with the project. After the bidding process of FS 6 material through the City Purchasing Department, BBR received only one bid from DLD Lumber/ Griffom “the fabricator of panels and shower pans using Corian material”. The material was confirmed to be an equal to Transolid, the specified material. DPW, with approval from FD, awarded the contract to DLD Lumber/ Griffom. On 4/25/13, project team secured a second variance from DBI Plumbing Division to use the Corian shower pan. Moving forward, DBI made very that no additional variances will be permitted and all proposed shower pans must be certified by a listing agency. The work started on 5/23/13 on (4) of the (6) stalls. As of 7/17/13, BBR completed the (4) stalls and started work on the remaining (2) officer’s stalls. Due to multiple issues encountered in the field (e.g. walls out of plumb), contract time was extended to 8/22/13. 8/30/13: The showers stalls are complete and ready to be used by FD. BBR is to close out the ceiling at the apparatus bay in order to complete the job. The closure of the ceiling is complete as of 9/30.

As of 10/2 meeting with FD, the PM Team was directed to proceed with group 2 consisting of FS38 and 26. BBR will work on these two stations while FS 44 showers will be issued as a change order to Roebock (the contractor working on FS44 renovation project), and group 3 consisting of (4) stations (13, 18, 40 and 41), which are planned to be bid out either through JOC or through the public bidding process. The design team secured permits for the remaining balance of showers on 10/28. BBR started the estimating effort on FS26 and 38 showers in early October. PM team received BBR estimates (labor only) on 11/12 which were reviewed and approved on 11/20. BBR bid the material through the City Purchasing Department and received only one bid from DLD Lumber on 12/30. The cost of the substituted material came in very high and did not meet the performance criteria of the specified material. On 1/6/14, and due to the high material cost, it was decided to include BBR stations to the other 4 stations (18, 41, 13 and 40) already planned for bid and bid all (6) stations out. The advertisement of these projects is scheduled the third week of January, 2014.

Mechanical Work:

The scope consists of mechanical upgrades in multiple stations. Because of the nature of this scope, the work is scheduled to be performed in two phases, phase 1 – Investigation and scope validation, and phase 2 – Execution. Project team with FD approval selected (4) stations as pilot projects to perform this delivery method. Azul/ Wolves Mech., the JOC contractor, was selected to perform this work on 4/24/13. The work on stations 6 and 42 has been completed as scheduled and started work on FS 38 and 17 thereafter. This first group is to be completed by mid August. 8/30: Azul was not able to complete the work as scheduled due to defective exhaust fan motors. Revised completion date is scheduled for 9/13. Project team will not start with Group (2) without FD approval of work performed on Group (1). 8/30: FD provided authorization to Team to move forward with Group (2) - total of 11 stations; a JOC Contractor “Rodan” was selected to work on this group. Rodan completed phase 1 - the investigation and scope validation; and is expected to turn in the initial findings with fee proposal by the first week of October. PM team is then to review cost of the proposed mechanical work against the budget with FD and make final determination.

The PM team reviewed the fee proposal for group 2 several times with the JOC contractor and approved the final revisions on 11/20. The City issued the NTP to Rodan on 12/16/13 with a completion date of 3/15/14 to complete all (11) stations.

Exterior Envelope:

It was determined that BBR is to execute paint work at (6) stations – FS 6, 28, 38, 41, 42, and 49 while the remaining packages (package 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.

Packages 1 (Fire Station #38) and 2 (Fire Station #42) each for one fire station were bid to Micro LBE contractors as set-aside contracts. Despite diligent outreach to Micro LBE contractors, only one bid was received on September 26, 2012 and it far exceeded the budget. DPW/ SFFD reached out to BBR to paint these stations instead of bidding them out again. SFFD has approved DPW BBR pricing of the work at these two stations for in-house execution. NTP was issued as scheduled on November 21, 2012 for Station #38. The preconstruction phase was complete and site work began as scheduled at Station #38 in January 2013. The work was completed on March 18. SFFD approved Package 3 for two fire stations (Stations #28 and #41) pricing by DPW - BBR for in-house execution. In addition, at SFFD direction, Station #49 exterior paint was added to the project list, and approved DPW-BBR pricing of this work for in-house execution as well. NTP was issued as scheduled on Station 49 and the work was scheduled to proceed from March 25 – May 3. The work was completed as scheduled.

In early June and before start of work at FS6, BBR discovered asbestos and lead content in the existing paint. As a result, BBR proposed the use of an encapsulated primer instead of the specified Tnemec primer to retain the hazmat material, then apply the (2) Tnemec coats. Tnemec Rep. was not willing to approve BBR proposal unless a pull and adhesion tests are performed. The initial pull test failed at the substrate level. This resulted in BBR not being able to start the work as scheduled. After further communication with the Tnemec Rep., an “adhesion test” was requested instead of the pull test. The adhesion test with the encapsulated primer and (2) Tnemec coats passed on July 24th allowing BBR to start paint with the proposed system. The actual work started on August 12th. As of 8/30: BBR announced that they are on schedule to complete the work by the third week of September. BBR completed the work as of 9/30; the team performed the final punch walk with only minor items to be corrected. On 10/16, BBR started the paint work at FS 42; this work is scheduled to be completed within 6 weeks with an anticipated completion date of 12/14. After completing this station, BBR will paint station 28 then 41. BBR will not be able to start 28 until work at FS 42 is approved by FD.

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

Package 4 (Stations #15, 32 and 40) was advertised in early December bids were received as scheduled on January 9, 2013. Despite diligent outreach to the bidding community and interest exhibited at the Pre Bid Conference, only one bid was received. This bid was within budget and the project was awarded to OnPoint Construction. NTP was issued as

anticipated in May 2013 and OnPoint Construction work began on June 24th at Station 40; and will move to 32 immediately after completion of 40. As of 8/30, the work was 95% complete on those two stations. It was agreed and documented that the Contractor will not start work on the third station (Station 15) until SFMTA completes installation of the new windows. Although the new windows are not in place yet at FS15, DPW/ FD gave authorization to Contractor to start paint work; all parties are in agreement that the paint Contractor is to go back to the site after window installation is complete and patch paint around the windows at no cost to the City. OnPoint completed the work at FS15 at the exception of areas around the windows. It was reported that SFMTA is to receive the windows on 10/12 and will start installation work soon after, for six weeks. Onpoint is to go back to site for paint touch ups as required. As of end of November, SFMTA reported that the windows did not arrive as previously noted and will arrive beginning of December instead. SFMTA seems non responsive to DPW/FD request to complete the windows installation as was required. As January, PM team will be in contact with with SFMTA and FD to resolve this matter.

DPW BDC team completed design of Package 5 (Stations 10, 13, 17, 26) on the third week of July. SFFD, PM and CM provided constructability review comments soon after. The package was out to bid with a bid due date of 9/12. (5) bids were received on this date. CF Contracting was the apparent low bidder with a bid amount close to the budgeted one. PM team determined that the CF contracting qualifications were acceptable and recommended award of this contract to CF Contracting. No protests from other bidders were received. The letter of award was sent to the Contractor on 10/28. The City is anticipating release of the NTP by the fourth week of November- beginning of December.

On package 6 (Stations 2, 18, 31), BDC design team completed design on September 19th. The CM Team performed a constructability review soon after and requested that a peer review on Station 31 storefront retrofit be performed by a window specialist. Design team members were notified of the peer review comments, but responded in 10/8. The package was advertised as was scheduled on October 2 with bids due on October 30. Any changes to the bid documents due to the peer review will be picked up via an addendum. A pre-bid walk was performed on 10/16. An addendum is to be issued with a new bid date of 11/6 giving more time to the design team to prepare and respond to questions on bid documents. (4) bids were received with Roebuck as the low apparent bidder. On 11/13, Evra Construction filed a protest against Roebuck's bid. The Protest lacked merit and was rejected by the City. As of 12/2, the City started processing award of contract to Roebuck and is anticipating the release of the NTP by end of January, 2014.

Emergency Generator Replacement:

Stations 6, 15, 12, 17 and 21 are scheduled to receive new Emergency Generators (EG) and service upgrade.

On FS 6 Emergency generator, the design is moving forward with DPW's as-needed electrical engineer as a prototype for design-bid-build project delivery. The 100% design was received as scheduled on November 26, 2012 and the project was bid as scheduled on December 7, 2012, targeted to Micro LBE bidders. Two (2) bids were received on January 9, 2013. The project was awarded to Becker Technical Services, Inc. NTP was issued on emergency generator Station #6 project to the contractor on March 25. Pending

submission of the contractor's schedule, work is anticipated to be complete in June. FS 6 emergency generator work is ahead of schedule and achieved substantial completion on June 4th, 2013. The Contractor also submitted all closeout documents to the design team for review and final approval. Final close out of this package is contingent on the senior DBI inspector signing off on the job card. DBI inspector is scheduled to walk the site and provide final sign off no later than end of October.

The existing emergency generator at Station #15 experienced mechanical malfunction. SFFD directed the Station #6 team to replace this unit as soon as feasible. Design was submitted as scheduled on February 1. Due to the size of the generator (80KW) necessary to backup specialized equipment at this station such as the Bauer unit, this project will require a BAAQMD permit. Project team secured the BAAQMD permit in June 17th. BBR started preconstruction phase in late May and all submittals were approved. BBR was supposed to start construction in late June, but was not able to secure permit in time due to multiple comments from DBI Fire and Structural plan checkers. BBR started actual work in late July and is about 50% complete. As of 9/30, BBR installed the concrete pad, but was not able to install the electrical conduits and mechanical exhaust duct due to the presence of Asbestos on the stucco wall supporting these conduits. BBR is unable to perform the drilling of the (30) holes and is in the process of hiring a HazMat abatement contractor through SAR. This may delay the project by 4-6 weeks. The HazMat abatement contractor completed the drilling on mid-November; BBR completed installation of the electrical conduits and the concrete slab. The 80 (KW) generator is scheduled to be installed on 12/2 with a final completion by mid January 2014.

DPW IDC began design work on November 2, 2012 at Station 17 as a DPW in-house IDC design-BBR build prototype. The 50% design set was submitted as scheduled on December 5, 2012. Design evaluation of the three options continued in January 2013 with PG&E's involvement, and a final option was approved by SFFD. DPW IDC completed design documents on February 6, 2013 and SFFD approved DPW BBR to price the approved scope on February 25, 2013. Pricing proceeded in March 2013 and BBR provided a proposal in May; EG unit was bid and awarded to Generac. SFFD requested that GHD (the as-needed consultant) to perform a peer review on IDC design. Start of construction was delayed until the peer review was complete. GHD provided the peer review memo on 8/29 and suggested to move the main switch board and Automatic Transfer Switch (ATS) location inside the boiler room. It was determined that this will not be possible as FD initially hoped for due to PG& E rejection of the exposed conduits fitting which were the results of moving the equipment outside the building. IDC design will not be impacted by the peer review and will move forward as was initially designed.

Because BBR is still working on FS15 generator and cannot accommodate working on two generators at the same time, FD directed the PM team to bid FS17 EG out to a JOC contractor given the urgency and recent failure of the existing emergency generator at this station. As of 10/28, PM Team with assistance from JOC manager selected "Nicole's Work" to provide construction services for this station. The City accepted the fee proposal submitted by Nicole's Work on 12/20 after multiple revisions; the permit was successfully filed on 12/23. The City is to issue the NTP to Nicole's Work no later than 1/13/14.

On Stations 12 and 21 EG's, PM requested design fee proposals from both DPW/IDC Team and DPW's as-needed-consultant, GHD, for these remaining stations in May. DPW

PM received proposals in June from both parties. Team reviewed the IDC and GHD design proposals side by side for comparison and presented the findings to FD for review and approval in late September. 10/09: Because of the schedule constraint, FD had made a decision directing the team to move forward with GHD to provide design services at station 12 and 21 based upon their early design input. Team anticipates receiving the NTP date by end of October. GHD is to complete design within one month. Th City is to put this package out to bid by mid January 2014. Permits for both stations were filed on 12/19/13, just before the new code effective date of 1/1/14

Window Repair (by BBR)

The scope consists of window repair at various stations. BBR was selected to be the sole service provider for this type of work. To date, BBR completed work at (8) stations and is scheduled to start work on FS2, 10, 26 and 31 respectively. As of 9/30, FD directed the team to proceed with FS2, 26 and 31 windows. FS 10 is on hold. As of September, FD added (FS25) to the ESER projects. On August, BBR reported that they do not have enough staff to execute the work on these stations simultaneously and they will not be able to schedule the work until the recent emergency work is complete. On 11/6, BBR started the work on FS 26 then moved on to FS2. The work was complete on both stations on 11/20 and 12/16 respectively. On 1/6/14, PM/ FD reviewed FS31 proposal and decided that the window replacement work be part of package 6 exterior envelope. They also reviewed FS25 proposal and directed BBR to revise and re-submit it based on the revised scope of work.

Historic evaluation site visits were completed at 21 stations (14 Focused Scope / Alternate stations; 6 Seismic / Comprehensive stations; and the Fire Boat station.) On August 31, 2011 City Planning issued a memorandum outlining requirements of a Historic Resource Evaluation (HRE) of the 5 stations identified as potential historic resources: Stations #5, #31, #32, #36, and #44. The HRE report will assess potential impacts to both historic resources listed above, as well as to five stations identified as contributors to a potential 1952 Fire Bond Act Thematic Historic District, Stations #10, #15, #17, #38, and #41. In May 2013, City Planning agreed to review individual reports for the potential historic resources stations, and a combined report for the five potential district stations.

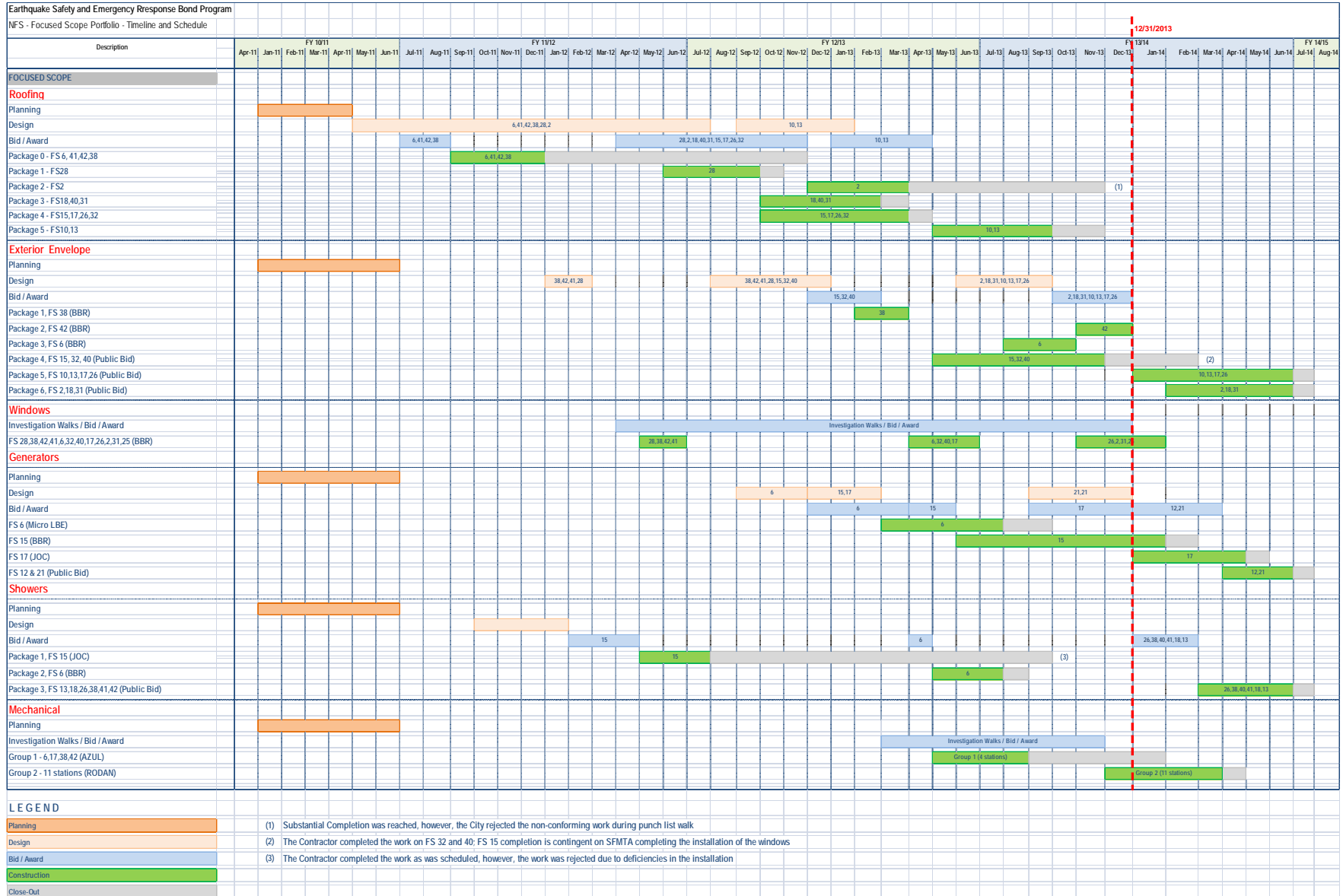
DPW staff completed the Historic evaluation of Station 16 in November 2011 and City Planning issued the Categorical Exemption on February 6, 2013. DPW staff completed EE and General Plan Referral applications for Station 36 and submitted to City Planning on February 28, 2013. The General Plan Referral was received from City Planning in May 2013. Contracting for outside consulting services for Station 5 was awarded to Ward and Associates, DPW's on-call consultant and their efforts began in May 2013. DPW submitted the Environmental Evaluation to City Planning on July 31, 2013. Planning response is pending. DPW staff completed EE and General Plan Referral for Station 44 and submitted to City Planning on May 7, 2013. City Planning the Categorical Exemption for Station 44 on August 1, 2013.

Project Budget:

Refer to the [Budget, Funding and Expenditures](#) on Pages 18 and 19.

Earthquake Safety and Emergency Response Bond Program

Citizens General Obligation Bond Oversight Committee



Earthquake Safety and Emergency Response Bond Program																										
NFS - Seismic and Comprehensive - Timeline and Schedule																										
Description	FY 10/11			FY 11/12				FY 12/13				FY 13/14			FY 14/15				FY 15/16				FY 16/17		FY 17	
	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.	
SEISMIC																										
Station 16																										
Planning																										
Design																										
Bid / Award																										
Construction / Close-Out																										
Station 5																										
Planning																										
Design																										
Bid / Award																										
Construction / Close-Out																										
Comprehensive																										
Station 36 & 44																										
Planning																										
Design																										
Bid / Award																										
Construction / Close-Out																										
LEGEND																										
Planning	(1) Bid / Award phase includes pre-qualification of Contractors																									
Design																										
Bid / Award																										
Construction																										
Close-Out																										

Auxiliary Water Supply System (AWSS)



Confirming cistern floor slab elevation



Placing cistern wall concrete

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

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

Project Status:

Planning - Cisterns, Pipelines, and Tunnels

The AECOM/AGS JV planning study is being revised to reflect recent discussions with the Capital Planning Committee.

Physical Plant

Construction started for the Ashbury Heights Tank, Jones Street Tank, and Twin Peaks Reservoir contract (WD-2685). Work during facility shutdowns is scheduled to sequentially occur at Ashbury Heights Tank, then Twin Peaks Reservoir, and then Jones Street Tank. Construction completion is scheduled by fall 2015.

Design work for Pumping Station 1 was completed, with the bid and award phase starting in January 2014.

Design work continued for Pumping Station 2, with design completion scheduled by summer 2014.

Cisterns

Construction continued for Cisterns A (WD-2695) with concrete placement at four sites and utility relocation preparation at another site. Construction completion is scheduled by fall 2014. Notice-to-proceed was issued for Cisterns B (WD-2696), with construction completion scheduled by spring 2015. Bids for Cisterns C (WD-2697) were received and contract award is scheduled in January 2014.

Contract	#	Location
Cisterns A		
	1.	35th Ave., Irving St.
	2.	36th Ave., Wawona St. (under construction)
	3.	37th Ave., Lawton St. (under construction)
	4.	37th Ave., Ortega St. (under construction)
	5.	37th Ave., Rivera St. (under construction)
	6.	37th Ave., Ulloa St.
Cisterns B		
	1.	Cashmere St., Hudson Ave.
	2.	Geneva Ave., Moscow St.
	3.	Geneva Ave., Paris St.
	4.	Holyoke St., Silliman St.
	5.	Silver Ave., Colby St.
Cisterns C		
	1.	18th Ave., Ulloa St.
	2.	21st Ave., Ocean Ave.
	3.	Funston Ave., Geary Blvd.
	4.	San Buenaventura Way, St. Francis Blvd.
	5.	Yerba Buena Ave., Saint Elmo Way

Design work continued at 18 cistern candidate locations to be constructed under Cisterns D through G subject to available funding and as shown in the following table. The Cisterns D bid and award phase is scheduled to start by summer 2014. Monterey/Edna and Monterey/Ridgewood were removed due to site constraints. Williams/Venus was moved to Williams/Apollo due to a driveway conflict.

Not all candidate locations are expected to be constructed with 2010 ESER bond funds. The actual number of cisterns to be constructed is dependent on available funds, construction market conditions, site conditions, and related factors. Locations may be moved between contracts, eliminated, or changed due to site constraints or related reasons.

Contract	#	Location
Cisterns D		
	1.	Amber Dr., Duncan St.
	2.	Diamond Heights Blvd., Duncan St.
	3.	Dorchester Way, Ulloa St.
	4.	Folsom St., Ripley St.
	5.	Lansdale Ave., Casitas Ave.
Cisterns E		
	1.	17th Ave., Pacheco St.
	2.	18th Ave., Irving St.
	3.	18th Ave., Moraga St.
	4.	18th Ave., Santiago St.
	5.	Laguna Honda Hospital – Main Entrance
Cisterns F		
	1.	5th Ave., Cabrillo St.
	2.	6th Ave., California St.
	3.	16th Ave., Vicente St.
	4.	30th Ave., Lake St.
	5.	Williams Ave., Apollo St.
Cisterns G		
	1.	29th Ave., Cabrillo St.
	2.	Alviso St., Holloway Ave.
	3.	Monterey Blvd., Westgate Dr.

Pipelines and Tunnels – Work is proceeding as shown in the following table.

Fireboat manifolds	Field investigation report in review
Suction connections	
4 th Street connection	Planning continued
Clarendon supply	
Infirm-area valve motorization	
Jones Street Tank valve motorization	
Pipeline investigation and remediation	
Control system	Planning started
Pumping Station 1 tunnel	

Project Schedule:

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

Project Budget:

Refer to the [Budget, Funding and Expenditures](#) on Pages 18 and 19.

BUDGET, FUNDING AND EXPENDITURES

Budget and Funding

The total budget for the ESER is \$426,121,881 which is the sum of the funding of \$412,300,000 in General Obligation Bonds and \$13,821,881 from other sources.⁽¹⁾ The total appropriation⁽²⁾ is \$345,956,881. The following is a summary of budget, funding and appropriation:

Component	Budget	FUNDING			Total Appropriation ⁽²⁾	Future Bond Sale(s)
		General Obligation Bonds	Other Sources ⁽¹⁾	Total		
Public Safety Building (PSB)	244,511,185	239,000,000	5,511,185	244,511,185	232,728,443	11,782,742
Neighborhood Fire Stations (NFS)	72,310,696	64,000,000	8,310,696	72,310,696	38,840,808	33,469,888
Auxiliary Water Supply System (AWSS)	102,400,000	102,400,000		102,400,000	71,396,776	31,003,224
Project Fund Subtotal	419,221,881	405,400,000	13,821,881	419,221,881	342,966,027	76,255,854
Controller's Audit Fund (two tenths of 1%)	827,058	827,058		827,058	659,356	167,702
General Obligation Bond Oversight Committee (one tenth of 1%)	413,529	413,529		413,529	332,135	81,394
Cost of Issuance (COI), Underwriters Discount	5,659,413	5,659,413		5,659,413	1,999,362	3,660,051
Accountability and COI Subtotal	6,900,000	6,900,000		6,900,000	2,990,854	3,909,146
Total ESER1	426,121,881	412,300,000	13,821,881	426,121,881	345,956,879	80,165,000

⁽¹⁾ Other Sources

Component/Purpose	Amount	Source
PSB / Procurement for FF&E	5,511,185	GFA
NFS / Fire Boat Station 35 & Station 1	8,310,696	Fire Facility Bond Funds FY 12/13 AAO 164-12
Total	13,821,881	

⁽²⁾ Total Appropriation

Component	APPROPRIATION AUTHORIZATION						Future Bond Sale(s)
	General Obligation Bonds				Other Sources ⁽¹⁾	Total	
	First	Second	Third	Fourth			
	10A	10B	10C	10D			
Public Safety Building (PSB)	63,096,285	164,120,973	0		5,511,185	232,728,443	11,782,742
Neighborhood Fire Stations (NFS)	7,148,344	17,616,196	0	5,765,572	8,310,696	38,840,808	33,469,888
Auxiliary Water Supply System (AWSS)	8,396,928	0	37,999,848	25,000,000		71,396,776	31,003,224
Project Fund Subtotal	78,641,557	181,737,169	37,999,848	30,765,572	13,821,881	342,966,027	76,255,854
Controller's Audit Fund (two tenths of 1%)	157,556	364,117	76,152	61,531		659,356	167,702
General Obligation Bond Oversight Committee (one tenth of 1%)	79,520	183,330	38,265	31,020		332,135	81,394
Cost of Issuance (COI), Underwriters Discount	641,367	1,045,384	150,735	161,877		1,999,362	3,660,051
Accountability and COI Subtotal	878,443	1,592,831	265,152	254,428	0	2,990,854	3,909,146
Total ESER1	79,520,000	183,330,000	38,265,000	31,020,000	13,821,879	345,956,881	80,165,000

The budget for PSB is \$239,000,000. The appropriation of \$227,217,258 reflects the proceeds of the first and second bond sales and is shown in detail under Attachment 1 – Program Budget Report. A future sale totaling \$11,782,742 would be necessary to supplement the remainder of the component.

DPW received \$308,000 from the general fund for SFPD miscellaneous specialty equipment increasing the funds from \$5,203,185 to \$5,511,185 to manage and procure the furniture, fixtures and equipment for the new Public Safety Building and Station 4. Together with the General Obligation Bond funds, the new budget for PSB is \$244,511,185.

The budget for NFS is \$64,000,000. The appropriation of \$30,530,112 reflects the proceeds of the first, second and fourth bond sales. As mentioned earlier, an additional \$8,272,000 was appropriated through the Annual Appropriation Ordinance (AAO 164-12) FY 12/13 to supplement the ESER1 NFS increasing the budget from \$64,000,000 to \$72,272,000 and will augment the budget for New Pier Fire Boat Headquarters and fund other scope of work not included in ESER1 such as the Fire Boat slab repair and the Fire Station No. 1 FF&E. In addition, a transfer of \$38,696 from 6755A Station 35 Pier 22 ½ Renovation Phase was allocated to the Slab Repair project. The combined appropriation is \$8,310,696. 7

The budget AWSS is \$102,400,000. The appropriation of \$71,396,776 reflects the proceeds of the first, third and fourth bond sales and is shown in detail under Attachment 1 – Program Budget Report.

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

The latest Accountability Report, prepared for the fourth bond sale, is available on the website.

Expenditures

Total expenditures through December 2013 are \$170,101,401 which represents 40% of the budget and 49% of the appropriated amount. The following is a summary of the budget and expenditures:

Component	Budget	Appropriated (GOB Bond Sales & Other Sources)	Expenditures	Expenditures/ Budget	Expenditures/ Appropriated
Public Safety Building	244,511,185	232,728,443	137,469,493	56%	59%
Neighborhood Fire Stations	72,310,696	38,840,808	15,604,679	22%	40%
Auxiliary Water Supply System	102,400,000	71,396,776	15,689,119	15%	22%
Oversight, Accountability & Cost of Issuance	6,900,000	2,990,854	1,338,113	19%	45%
Total	426,121,882	345,956,881	170,101,401	40%	49%

Included in the \$170,101,401 is \$991,895 from the Fire Facilities Bond Funds. The expenditures are consistent with our spend-down forecast and are within budget.

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

ATTACHMENT 1 – PROGRAM BUDGET REPORT

**Earthquake Safety and
Emergency Response Bond Program**

**Citizens General Obligation
Bond Oversight Committee**

Earthquake Safety & Emergency Response Bond Program								
Program Budget Report - Expenditures as of 01/07/14								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
PUBLIC SAFETY BUILDING								
DESIGN DEVELOPMENT	PUBLIC SAFETY BUILDING (CESER1 PS; 7400A & 7410A)	Soft Costs	48,130,572	37,936,758		34,023,563	2,775,863	1,137,332
		Construction	179,865,193	179,865,193		103,445,930	73,420,372	2,998,891
		FF&E	5,511,185	5,511,185			2,339,434	3,171,751
		Project Contingency	11,004,235	9,415,307			0	9,415,307
		Subtotal	244,511,185	232,728,443	0	137,469,493	78,535,669	16,723,281
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	2,934,101	1,839,908		1,654,832	78,293	106,783
		Construction	8,720,225	7,534,399		5,115,511	946,627	1,472,261
		Construction Contingency	564,250	1,802,791				1,802,791
		Subtotal	12,218,576	11,177,098	0	6,770,343	1,024,920	3,381,835
PLANNING	COMPREHENSIVE: STATION 44 (CESER1 FS38; Job Order 7438A)	Soft Costs	345,142	328,533		240,216	0	88,317
		Construction	1,203,745	915,035		13,614	900,670	751
		Construction Contingency	18,378	187,813		0		187,813
		Subtotal	1,567,265	1,431,381	0	253,830	900,670	276,881
PLANNING	COMPREHENSIVE: STATION 36 (CESER1 FS27; Job Order 7427A)	Soft Costs	1,333,640	1,086,302		653,970	174,164	258,168
		Construction	3,193,811	3,509,192		52,983	3,455,505	704
		Construction Contingency	270,766	270,767				270,767
		Subtotal	4,798,217	4,866,261	0	706,953	3,629,669	529,639
PLANNING	SEISMIC: STATION 5 (New 2-story) (CESER1 FS40; Job Order 7440A)	Soft Costs	2,641,799	360,353		368,793	39,450	-47,890
		Construction	10,313,908			0	0	0
		Construction Contingency	883,050	857,426				857,426
		Subtotal	13,838,757	1,217,779	0	368,793	39,450	809,536
PLANNING	SEISMIC: STATION 9 UTILITY ISOLATION (CESER1 FS41; Job Order 7441A)	Soft Costs	80,000	80,000		0	0	80,000
		Construction	96,000	96,000				96,000
		Construction Contingency	24,000	24,000				24,000
		Subtotal	200,000	200,000	0	0	0	200,000
PLANNING	SEISMIC: STATION 16 (New 2-story) (CESER1 FS42; Job Order 7442A)	Soft Costs	1,802,919	1,730,873		982,394	159,409	589,070
		Construction	6,421,770			0	0	0
		Construction Contingency	616,968					0
		Subtotal	8,841,656	1,730,873	0	982,394	159,409	589,070

**Earthquake Safety and
Emergency Response Bond Program**

**Citizens General Obligation
Bond Oversight Committee**

Earthquake Safety & Emergency Response Bond Program Program Budget Report - Expenditures as of 01/07/14								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
PLANNING	EQUIPMENT LOGISTICS CENTER (CESER1 FS26; Job Order 7426A)	Soft Costs	589,000	100,000		0	0	100,000
		Construction						0
		Project Contingency						0
		Subtotal	589,000	100,000	0	0	0	100,000
PLANNING	PROGRAM-WIDE SOFT COSTS & PROGRAM RESERVE (CESER1 FS20; CESER1 FS30 Job Orders 7420A; 7429A, 7430A)	Soft Costs	11,217,709	6,575,471		5,446,338	293,667	835,466
		Construction						0
		Program Reserve	775,960					0
		Subtotal	11,993,669	6,575,471	0	5,446,338	293,667	835,466
PLANNING	FIRE BOAT SLAB REPAIR (Non-ESER1 related) (CFCBLDFD33, CFC918 000298 Job Order 7433A) Fire Facility Bond Funds	Soft Costs	165,446	174,449		164,735	3,623	6,091
		Construction	192,554	223,652		223,652	0	0
		Project Contingency	38,696	38,895				38,895
		Subtotal	396,696	436,996	0	388,387	3,623	44,986
PLANNING	FIRE STATION NO. 1 FF&E (Non-ESER1 related) (CFCBLDFD44; Job Order 7444A) Fire Facility Bond Funds	Soft Costs	207,600	208,000		114,562	0	93,438
		Construction	514,400	428,251		488,946	0	-60,695
		Project Contingency		85,726				85,726
		Subtotal	722,000	721,977	0	603,508	0	118,469
PLANNING	NEIGHBORHOOD FIRE STATIONS SUMMARY (CESER1 FS)	Soft Costs	25,450,658	13,074,176	0	9,709,973	1,204,437	2,159,767
		Construction	42,711,445	19,858,252	0	5,894,706	5,302,802	8,660,744
		Project Contingency	4,148,592	3,267,418	0	0	0	3,267,418
		Subtotal	72,310,696⁽⁴⁾	36,199,846	0	15,604,679	6,507,239	14,087,929

**Earthquake Safety and
Emergency Response Bond Program**

**Citizens General Obligation
Bond Oversight Committee**

Earthquake Safety & Emergency Response Bond Program Program Budget Report - Expenditures as of 01/07/14								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
AUXILIARY WATER SUPPLY SYSTEM (AWSS)								
PRE-BOND PLANNING AND DEVELOPMENT								
PLANNING	Pre-Bond Planning and Development							
		Soft Costs	1,316,963	1,316,992		1,316,992 (1a)	0	0
		Construction	0	0		0		0
		Project Contingency						0
		Subtotal	1,316,963	1,316,992	0	1,316,992	0	0
AUXILIARY WATER SUPPLY SYSTEM (AWSS)								
Design	Jones Street Tank							
		Soft Costs	3,866,466	2,616,099		1,244,108	78,749	1,293,242
		Construction	4,225,034	4,225,034		42,946	4,182,088	0
		Project Contingency						0
		Subtotal	8,091,500	6,841,133	0	1,287,054	4,260,837	1,293,242
Design	Ashbury Heights Tank							
		Soft Costs	1,870,986	1,392,033		990,489	109,492	292,052
		Construction	3,610,805	3,610,805		42,946	3,567,859	0
		Project Contingency						0
		Subtotal	5,481,791	5,002,838	0	1,033,435	3,677,351	292,052
Design	Twin Peaks Reservoir							
		Soft Costs	1,425,390	2,306,624		1,028,373	54,733	1,223,518
		Construction	1,480,061	1,480,061		42,946	1,437,115	0
		Project Contingency						0
		Subtotal	2,905,451	3,786,685	0	1,071,319	1,491,848	1,223,518
PLANNING	Pump Station No. 2							
		Soft Costs	2,510,082	1,912,138		1,471,748	230,840	209,550
		Construction	4,501,780	0		0	0	0
		Project Contingency						0
		Subtotal	7,011,862	1,912,138	0	1,471,748	230,840	209,550
Design	Pump Station No. 1							
		Soft Costs	3,453,628	1,899,236		1,761,859	162,275	-24,898
		Construction	7,000,000	7,000,000				7,000,000
		Project Contingency						0
		Subtotal	10,453,628	8,899,236	0	1,761,859	162,275	6,975,102

Earthquake Safety & Emergency Response Bond Program Program Budget Report - Expenditures as of 01/07/14								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
	FIREFIGHTING CISTERNS							
Design	Contract No. 1	Soft Costs	508,350	508,350		507,834	517	-1
		Construction	0	0		0	0	0
		Project Contingency						0
		Subtotal	508,350	508,350	0	507,834	517	-1
Design	Contract No. 2	Soft Costs	8,563,894	7,551,545		2,448,455	707,391	4,395,699
		Construction	25,975,051	13,626,420		1,444,459	7,181,961	5,000,000
		Project Contingency						0
		Subtotal	34,538,945	21,177,965	0	3,892,914	7,889,352	9,395,699
Design	Contract No. 3	Soft Costs	51,047	51,047		50,529	518	0
		Construction	0	0		0	0	0
		Project Contingency						0
		Subtotal	51,047	51,047	0	50,529	518	0
Design	Contract No. 4	Soft Costs	124,402	116,391		123,942	460	-8,011
		Construction	0	0		0	0	0
		Project Contingency						0
		Subtotal	124,402	116,391	0	123,942	460	-8,011

**Earthquake Safety and
Emergency Response Bond Program**

**Citizens General Obligation
Bond Oversight Committee**

Earthquake Safety & Emergency Response Bond Program Program Budget Report - Expenditures as of 01/07/14								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
PRE-DESIGN	FIREFIGHTING PIPES AND TUNNELS AWSS Modernization CIP Study	Soft Costs	3,000,000	3,023,025		2,505,327	279,406	238,292
		Construction	0	0		0	0	0
		Project Contingency						0
		Subtotal	3,000,000	3,023,025	0	2,505,327	279,406	238,292
PLANNING	Pipes/Tunnels (Projects 11 thru 19)	Soft Costs	6,340,775	2,231,825		469,284	44,569	1,717,972
		Construction	22,275,000	194,477		179,477	0	15,000
		Project Contingency						0
		Subtotal	28,615,775	2,426,302	0	648,761	44,569	1,732,972
PLANNING	Contract No. 2 Added to baseline budget above-->	Soft Costs		0		0	0	0
		Construction						0
		Project Contingency						0
		Subtotal	0	0	0	0	0	0
PLANNING	Contract No. 3 Added to baseline budget above-->	Soft Costs		0		0	0	0
		Construction						0
		Project Contingency						0
		Subtotal	0	0	0	0	0	0
PLANNING	CUW AWS 01	Soft Costs	300,286	16,334,678	0	17,405	0	16,317,273
		Construction	0					0
		Project Contingency						0
		Subtotal	300,286	16,334,678	0	17,405	0	16,317,273
AUXILIARY WATER SUPPLY SYSTEM (AWSS)		Soft Costs	33,332,269	41,259,983	0	13,936,344	1,668,950	25,654,689
		Construction	69,067,731	30,136,797	0	1,752,775	16,369,023	12,014,999
		Project Contingency	0	0	0	0	0	0
		Subtotal	102,400,000	71,396,780	0	15,689,119 ⁽¹⁾	18,037,973	37,669,688

**Earthquake Safety and
Emergency Response Bond Program**

**Citizens General Obligation
Bond Oversight Committee**

Earthquake Safety & Emergency Response Bond Program								
Program Budget Report - Expenditures as of 01/07/14								
Status	Project	Category	Baseline Budget	Appropriated	Reserve	Expended	FAMIS Encumbrance	Balance
ESER								
		Soft Costs	106,913,499	92,270,917	0	57,669,879	5,649,250	28,951,788
		Construction	291,644,369	229,860,242	0	111,093,411	95,092,197	23,674,634
		PSB FF&E Non-ESER Bor	5,511,185	5,511,185	0	0	2,339,434	3,171,751
		Project Contingency	15,152,827	12,682,725	0	0	0	12,682,725
		Subtotal	419,221,881	340,325,069	0	168,763,291	103,080,881	68,480,898
	MASTER PROJECT (ESER1MP)			2,625,616		0	0	2,625,616
	BOND OVERSIGHT/ACCOUNTABILITY		6,900,000	991,491		155,286	786,205	50,000
	BOND COST OF ISSUANCE			2,014,708		1,182,827 ⁽²⁾	0	831,881
	TOTAL BOND PROGRAM		426,121,882 ⁽³⁾	345,956,879	0	170,101,404	103,867,086	71,988,395

As of 01/07/14, the FAMIS fiscal month 06 2014 (December 2013), actual expenditures are \$255,517,205. 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)

\$71,471,984

(a) less \$15,689,119 for actuals per FAMIS Project structure CUW AWS AW posted as of 01/07/14

(\$15,689,119)

(2) Bond Sale Premiums:

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

\$5,118,923

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

(\$211,953)

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

\$16,898,268

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

\$6,213,547

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

\$2,606,056

(3) The budget for NFS increased by \$8.272M from \$64M to \$73.372M to include previous Fire Facility Bond Funds to supplement ESER1 NFS funds. As a result, the overall budget increased from \$412.3M to \$420.572M.

The additional funds are under project structure (CFCBLDFDX) / funding source (3CFPSLOC)

(\$8,272,000)

(\$991,895)

(a) Less Job Order appropriation and expenditures reported under 7424A, 7433A, 7444A

(\$38,696)

(b) Less transfer from 6755A STA 35 PIER 22 1/2 RENOV PH1 (CFC918 000298)

(\$5,511,185)

(4) Received \$5,511,185 for PSB FF&E (1GAGFACP) for PSB & Station 4 FF&E

Total (CESER1)

\$332,135,000

\$255,517,205

Prepared by the Department of Public Works, revised 01/07/14

ATTACHMENT 2 – TIMELINE AND SCHEDULE

EARTHQUAKE SAFETY EMERGENCY RESPONSE BOND PROGRAM Timeline and Schedule																																																
Description	BUDGET	Schedule Start Completion		FY 10/11													FY 11/12				FY 12/13				FY 13/14				FY 14/15				FY 15/16				FY 16/17				FY 17/18				FY 18/19			
				July 1, 2010		June 30, 2011		July 1, 2011		June 30, 2012		July 1, 2012		June 30, 2013		July 1, 2013		June 30, 2014		July 1, 2014		June 30, 2015		July 1, 2015		June 30, 2016		July 1, 2016		June 30, 2017		July 1, 2017		June 30, 2018		July 1, 2018		June 30, 2019										
				1st Qtr.	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.									
				December 31, 2013																																												
PUBLIC SAFETY BUILDING				6,880,000				programming/schematic design phase																22,360,000				design phase				209,760,000				construction, construction administration & warranty phase												
Original/Baseline Budget	239,000,000	10/01/10	06/08/14																																													
Soft Costs																																																
Current/Approved	244,511,185			244,511,185																																												
Current/Projected	244,511,185			244,511,185																																												
Actual																																																
NEIGHBORHOOD FIRE STATIONS FOCUSED SCOPE																																																
Budget	12,218,576	10/17/11	04/04/14													12,218,576																																
Current/Approved	12,218,576	10/17/11	04/04/14													12,218,576																																
Current/Projected	12,218,576	10/17/11	04/04/14													12,218,576																																
Actual																																																
COMPREHENSIVE: STATION 44																																																
Baseline Budget	1,567,265	03/01/12	09/05/14													1,567,265																																
Current/Approved	1,567,265	03/01/12	09/05/14													1,567,265																																
Current/Projected	1,567,265	03/01/12	09/05/14													1,567,265																																
Actual																																																
COMPREHENSIVE: STATION 36																																																
Baseline Budget	4,798,217	03/01/12	09/05/14													4,798,217																																
Current/Approved	4,798,217	03/01/12	09/05/14													4,798,217																																
Current/Projected	4,798,217	03/01/12	09/05/14													4,798,217																																
Actual																																																
SEISMIC: STATION 5 (New 2-story)																																																
Baseline Budget	13,838,757	03/01/12	05/01/17																	13,838,757																												
Current/Approved	13,838,757	03/01/12	05/01/17																	13,838,757																												
Current/Projected	13,838,757	03/01/12	05/01/17																	13,838,757																												
Actual (Expenditures)																																																

**Earthquake Safety and
Emergency Response Bond Program**

**Citizens General Obligation
Bond Oversight Committee**

EARTHQUAKE SAFETY EMERGENCY RESPONSE BOND PROGRAM Timeline and Schedule																																							
December 31, 2013																																							
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			
				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
SEISMIC: STATION 9 UTILITY ISOLATION																																							
Baseline Budget	200,000																																						
Current/Approved	200,000																																						
Current/Projected	200,000																																						
Actual																																							
SEISMIC: STATION 16 (New 2-story)																																							
Baseline Budget	8,841,656	03/01/12	01/04/16																																				
Current/Approved	8,841,656	03/01/12	01/04/16																																				
Current/Projected	8,841,656	03/01/12	01/04/16																																				
Actual																																							
NEW PIER FIRE BOAT HEADQUARTERS																																							
Baseline Budget	17,144,859																																						
Current/Approved	17,144,859																																						
Current/Projected	17,144,859																																						
Actual																																							
EQUIPMENT LOGISTICS CENTER																																							
Baseline Budget	589,000	03/01/12	12/31/15																																				
Current/Approved	589,000																																						
Current/Projected	589,000																																						
Actual																																							
PROGRAM-WIDE SOFT COSTS & PROGRAM RESERVE																																							
Baseline Budget	11,993,669	10/17/11	05/01/17																																				
Current/Approved	11,993,669	10/17/11	05/01/17																																				
Current/Projected	11,993,669	10/17/11	05/01/17																																				
Actual																																							
FIRE BOAT SLAB REPAIR (Non-ESER1 related)																																							
Pre-Baseline Budget	396,696																																						
Current/Approved	396,696																																						
Current/Projected	396,696																																						
Actual																																							
FIRE STATION NO. 1 FF&E (Non-ESER1 related)																																							
Pre-Baseline Budget	722,000	10/01/12	03/31/13																																				
Current/Approved	722,000	10/01/12	03/31/13																																				
Current/Projected	722,000	10/01/12	03/31/13																																				
Actual																																							
NEIGHBORHOOD FIRE STATIONS																																							
Original/Baseline Budget	72,310,696	10/17/11	02/09/17																																				
Current/Approved	72,310,696	10/17/11	02/09/17																																				
Current/Projected	72,310,696	10/17/11	02/09/17																																				
Actual																																							

EARTHQUAKE SAFETY EMERGENCY RESPONSE BOND PROGRAM																																							
Timeline and Schedule																																							
December 31, 2013																																							
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.				
		Start	Completion	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
PUBLIC UTILITIES COMMISSION / AUXILIARY WATER SUPPLY SYSTEM (AWSS)																																							
PRE-BOND PLANNING AND DEVELOPMENT																																							
Original/Baseline Budget	1,316,963	07/01/09	12/31/10	1,316,963																																			
Current/Approved	1,316,963	07/01/09	12/31/10	1,316,963																																			
Current/Projected	1,316,963	07/01/09	12/31/10	1,316,963																																			
Actual	1,316,963	07/01/09	12/31/10	1,316,963																																			
AWSS JONES STREET TANK																																							
Original/Baseline Budget	8,091,500	08/01/11	01/27/12	181,300				882,302				7,027,898																											
		01/30/12	04/19/13					Design				Construction																											
		04/22/13	05/27/16																																				
Current/Approved	8,091,500																																						
Current/Projected	8,091,500																																						
Actual																																							
AWSS ASHBURY HEIGHTS TANK																																							
Original/Baseline Budget	5,481,791	07/25/11	02/29/12	147,500				1,012,191				4,322,100																											
		02/29/12	04/19/13					Design				Construction																											
		04/22/13	05/27/16																																				
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				732,247				1,969,604																											
		01/30/12	04/19/13					Design				Construction																											
		04/22/13	05/27/16																																				
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	584,255				1,855,327				4,572,280																											
		9/26/2012	7/15/2014					Design				Construction																											
		7/15/2014	9/26/2016																																				
Current/Approved	7,011,862																																						
Current/Projected	7,011,862																																						
Actual																																							

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			
				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
AWSS PUMP STATION NO. 1 Original/Baseline Budget	10,453,628	7/25/2011	1/31/2012					128,324	Planning					1,515,696	Design																								
			1/31/2012	1/3/2014							1,515,696	Design																											
			1/6/2014	1/4/2017											8,809,608	Construction																							
	Current/Approved	10,453,628																																					
Current/Projected	10,453,628																																						
Actual																																							
FIREFIGHTING CISTERNS - CONTRACT NO. 1 Original/Baseline Budget	508,350	7/8/2011	1/30/2012					62,860	Planning					445,490	Design																								
			1/30/2012	6/28/2013							445,490	Design																											
	Current/Approved	508,350																																					
Current/Projected	508,350																																						
Actual																																							
FIREFIGHTING CISTERNS - CONTRACT NO. 2 Original/Baseline Budget	34,538,945	1/30/2012	3/9/2015							8,563,894	Design																												
			2/25/2013	4/9/2017											25,975,051	Construction																							
	Current/Approved	34,538,945																																					
Current/Projected	34,538,945																																						
Actual																																							
FIREFIGHTING CISTERNS - CONTRACT NO. 3 Original/Baseline Budget	51,047	7/2/2012	9/27/2012							51,047	Design																												
	Current/Approved	51,047																																					
Current/Projected	51,047																																						
Actual																																							
FIREFIGHTING CISTERNS - CONTRACT NO. 4 Original/Baseline Budget	124,402	7/2/2012	7/19/2013							124,402	Design																												
	Current/Approved	124,402																																					
Current/Projected	124,402																																						
Actual																																							

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.								
December 31, 2013																																															
FIREFIGHTING PIPES AND TUNNELS - AWSS MODERNIZATION CIP STUDY																																															
Original/Baseline Budget	3,000,000	5/2/2011	6/30/2014																																												
				3,000,000																								Planning																			
Current/Approved	3,000,000																																														
Current/Projected	3,000,000																																														
Actual																																															
FIREFIGHTING PIPES AND TUNNELS (Projects 11-19)																																															
Original/Baseline Budget	28,615,775	10/3/2011	8/1/2014																																												
		4/1/2013	12/31/2015	85,683																								Planning																			
		9/26/2013	9/15/2017																																												
				984,404																								Design																			
				27,545,688																								Construction																			
Current/Approved	28,615,775																																														
Current/Projected	28,615,775																																														
Actual																																															
CUW AWS 01																																															
Original/Baseline Budget	300,286	1/1/2011	12/31/2017																																												
				300,286																																											
Current/Approved	300,286																																														
Current/Projected	300,286																																														
Actual																																															
AUXILIARY WATER SUPPLY SYSTEM (AWSS) SUB-TOTAL																																															
Original/Baseline Budget	102,400,000																																														
Current/Approved	102,400,000																																														
Current/Projected	102,400,000																																														
Actual																																															

EARTHQUAKE SAFETY EMERGENCY RESPONSE BOND PROGRAM																																							
Timeline and Schedule																																							
Description	BUDGET	Schedule Start Completion		FY 10/11				FY 11/12				FY 12/13				FY 13/14				FY 14/15				FY 15/16				FY 16/17				FY 17/18				FY 18/19			
				July 1, 2010		June 30, 2011		July 1, 2011		June 30, 2012		July 1, 2012		June 30, 2013		July 1, 2013		June 30, 2014		July 1, 2014		June 30, 2015		July 1, 2015		June 30, 2016		July 1, 2016		June 30, 2017		July 1, 2017		June 30, 2018		July 1, 2018		June 30, 2019	
				1st Qtr. 9/30/10	2nd Qtr. 12/31/10	3rd Qtr. 3/31/11	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
BOND OVERSIGHT/ACCOUNTABILITY																																							
Original/Baseline Budget	6,900,000																																						
Current/Approved	6,900,000																																						
Current/Projected	6,900,000																																						
Actual																																							
Cost of Issuance																																							
Original/Baseline Budget	6,900,000																																						
Current/Approved	6,900,000																																						
Current/Projected	6,900,000																																						
Actual																																							
ESER TOTAL																																							
Original/Baseline Budget	420,610,697	10/01/10	08/31/17													420,610,697																							
Current/Approved	426,121,882																																						
Current/Projected	426,121,882																																						
Actual																																							

December 31, 2013

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

Prepared by the Department of Public Works
Revised 01/07/14

ATTACHMENT 3 – CONTACT INFORMATION

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