



Earthquake Safety and Emergency Response Bond Program

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

Citizens General Obligation Bond Oversight Committee

March 31, 2011

Prepared and presented by

Charles Higuera
Program Manager
(415) 557-4646
charles.higuera@sfdpw.org

Additionally prepared by :

Marisa Fernandez
DPW - Sr. Admin. Analyst
marisa.fernandez@sfdpw.org
(415) 557-4653

Gabriella Judd-Cirelli
DPW - Project Manager
Neighborhood Fire Stations
Gabriella.cirelli@sfdpw.org
(415) 557-4707

David Myerson
PUC- Project Manager
AWSS
dmyerson@swater.org
(415) 934-5710



TABLE OF CONTENTS

Executive Summary Page 1

Program Summary and Status

 Public Safety Building Page 2-3

 Neighborhood Fire Stations & Support Facilities Page 4-6

 Auxiliary Water Supply System (AWSS)..... Page 7-8

Budget and Funding..... Page 9-11

Expenditure Report..... Page 12

Attachments:

 Attachment 1 – Program Budget Report

 Attachment 2 – Timeline and Schedule

 Attachment 3 – Contact Information

EXECUTIVE SUMMARY

The ESER web page was launched in March and is intended to provide the information most necessary to the public's interest. The web address is www.sfearthquakesafety.org.

An RFQ for Construction Management Supplemental Services (CMSS) for the Public Safety Building and the neighborhood Fire stations was released in February and eleven firms and joint ventures responded in March. The responses are currently being evaluated and references are being verified. The interviews are tentatively scheduled for April 29 with an announcement of the most qualified firm in May 2011. City staff, assisted by the CMSS consultant, will provide the construction management services for the ESER Bond Program.

During the first quarter of 2011, the SF Arts Commission's Civic Design Review Committee endorsed the Phase 1 submittal of the Public Safety Building. The Concept and Schematic Design Phase was completed in February and the Design Team was authorized to proceed with Design Development. Budget reconciliation between the respective cost estimates of the executive architect HOK and the CM/GC Charles Pankow Builders was completed and the outcome determined alignment with the project's budget.

An MOU between DPW and SFFD has been under development and a sign off is expected from both parties early next quarter. This document will provide the template for the MOU to be established between the DPW and the SFPD. Architecture and engineering scope walkthroughs were completed as scheduled by Friday, March 11. The fourteen stations visited are: #6, 10, 13, 15, 17, 18, 26, 28, 32, 38, 40, 41, 42, and 44. Historic assessment walkthroughs were completed as scheduled at twenty one stations on March 16 and 17, 2011.

Fire Department forwarded the draft project description/program for the upgraded Fire Boat Station planned at Pier 22 ½ which the Fire Department has exchanged with the Port Planning staff.

The ESER AWSS Project Manager, David Myerson began work the week of March 21.

Expenditures \$8,155,156 through March 31, 2011, of which \$6,822,727 were pre-bond planning expenditures for the Public Safety Building and Neighborhood Fire Stations. An additional \$1,316,963 in pre-bond expenditures related to AWSS is expected to post next quarter. The total pre-bond reimbursement is \$7,512,477. Together with funds that were unencumbered \$1,909,246, the amount being returned to the General fund is \$9,421,723.

PROGRAM SUMMARY AND STATUS

Public Safety Building



View from corner of Third Street and Mission Rock Street

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

Background: The functionality of the entire police department in the event of a major catastrophe relies on the ability of the police leadership 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. Services they provide include being the first to arrive at a crime scene, maintaining the peace during difficult situations, assisting in the investigation of criminal activity; providing support to other first responders including the Fire Department and the Medical Examiner.

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.

Project Description: The project of approximately 290,000 square feet includes, a police station, a police command center headquarters, a fire station, and adaptive reuse of Fire Station # 30 to provide for multi-use by 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.

Project's Status: The Public Safety Building total project budget remains aligned with the established \$239 million budget. The bid-day construction budget of \$164 million; related other construction pertinent costs, such as change order contingency, art enrichment, and, inflation reserve, total approximately \$36 million for an approximate \$200 million construction total. The balance of approximately \$43 million is attributable to the project's development costs, including all design and engineering consulting fees, City project management, construction management services, and City oversight, accountability and bond issuance costs.

The Schematic Design Phase was completed in February and the Design Team was authorized in March to proceed with Design Development. The work of this phase will conclude in August 2011.

Discussion with the development team for the SF Port parcel adjacent to the PSB, Sea Wall Lot (SWL) 337, began in earnest in the first quarter with the intent of addressing traffic matters that may create negative impact. The City is optimistic that it can identify a mitigation measure to substantially resolve the probable traffic conflicts between the PSB's Fire Station and the SWL 337 parking structure. The resolution is expected to occur in April/May of the next quarter.

The San Francisco Arts Commission's Civic Design Review committee voted to recommend the approval of the Phase 1 design submittal of the project at its first Commission meeting in February 2011. Approval by the SF Redevelopment Agency is expected to occur in the next quarter. The process of selecting artists for the PSB art program is underway. A pool of artists was identified for each of the three art installations; the three art installation locations are: in the police headquarters, fire station, and community- park. Shortlisted artists will be briefed on the client department expectations and City requirements in April. These artists will subsequently submit proposals for consideration by the SFAC staff that'll make the artists' recommendations to the full SFRA Commission.

The construction management/general contractor approach to the delivery of construction services requires the management of several trade contracts to be offered for bid between July 2011 and September 2012. Construction will begin October 2011 with Substantial Completion expected in March 2014.

Neighborhood Fire Stations & Support Facilities

Background: There are 42 fire stations in San Francisco located strategically in every neighborhood. Hundreds of firefighters inhabit these fire stations every day. While the stations may look updated on the outside, many of the 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.

Project Description: This bond will renovate or replace fire stations to provide improved safety and a healthy work environment for the firefighters. Neighborhood fire stations will be selected for repair, rehabilitation, improvement, or replacement based on the criteria described below. In addition, the Fire Department has identified the need to address the substandard facilities currently housing the Bureau of Equipment and the Emergency Medical Services and possibly the Arson Task Force.

Preliminary assessment of the neighborhood fire stations indicate that the sum of all existing deficiencies at the neighborhood fire stations 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 develop a Fire Stations Capital Improvements Plan that will focus the expenditures of this bond towards the most beneficial and cost effective immediate rehabilitation and/or improvement projects.

Projects' Status: 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. The assessments provided a basis for the Fire Department to objectively prioritize capital improvement projects to most effectively preserve the Department's capacity to deliver timely emergency response services.

The assessment reports were reviewed by cost estimators who prepared estimates of the cost of correcting the conditions noted in the assessments. During the Assessment Phase, a cost estimate for any particular deficiency was based on a number of assumptions, including the estimated scope of work to correct the deficiency, additional work that may be triggered by the repairs, and the context for performing the work, the project delivery method, and whether the building will remain occupied or not during construction. The cost estimates indicate only the overall "order of magnitude" of the various facility deficiencies and relative proportions of various types of work. The usefulness of the estimates in establishing total project costs to correct deficiencies at particular facilities is limited to planning purposes.

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. More detailed investigations and development of conceptual designs are being performed during the first six months of 2011 to clearly define the scope of work, cost and schedule at each individual facility.

The Summary Conditions Table by Station was reviewed with the Fire Department and accepted. As reflected in said Table, 20 fire stations will be included in the Pre-Design Phase: eleven (11) base scope + three (3) alternate Focused Scope projects and five (5) base scope + one (1) alternate Comprehensive / Seismic projects.

The corresponding Fire Station numbers are:

Focused Scope: Fire Stations #6, 13, 15, 17, 18, 28, 38, 40, 41, 42, and 44 are in base scope; Fire Stations #10, #26, and #32 are alternates.

Comprehensive / Seismic: Fire Stations #2, 5, 22, 35, 36, 43 and ELC are in base scope. Fire Station #31 is an alternate.

In February 2011, proposals were received from DPW Bureau of Engineering (BOE) and Bureau of Architecture (BOA) staff. Contracts were finalized with Historic Resource consultants and Roofing and Waterproofing Consultants.

Kicking off the Pre-Design phase, detailed site walkthroughs were completed in February 2011 at Fire Stations #6, #13 and #44. The investigative team included representatives from the Fire Department, DPW's project manager, DPW BOA project architects, DPW BOE project mechanical and electrical engineers, and roofing and waterproofing consultants. A de-brief meeting was held with all parties as a process check.

Site walkthroughs continued and were completed at all twenty identified stations on schedule on Friday, March 11, 2011. The DPW and consultant team have drafted Assessment Reports for SFPD review and scope selection by station, which is currently in progress.

On March 16 and 17, 2011, historic evaluation site visits were completed at 21 stations (14 Focused Scope / Alternate stations; 6 Seismic / Comprehensive stations; and the Fire Boat station.) The consultant team is currently drafting historic assessment reports.

Baseline budgets and schedules by facility are expected to be developed by DPW in consultation with the Fire Department by June, 2011.

Fire Stations Capital Improvement Plan:

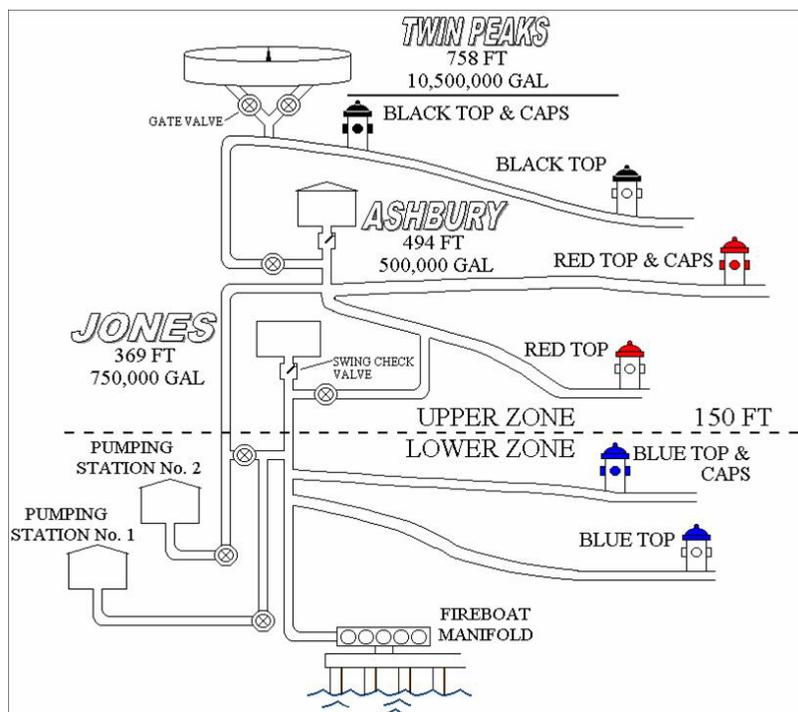
The ESER 1 bond program is anticipated to complete improvements to 16 of the 42 neighborhood fire stations, as well as the Fire Boat Station and the Equipment Logistics Center, which will consolidate the Bureau of Equipment (currently at 2501 25th Street) with the Emergency Medical Services and Arson Task Force at 1415 Evans, and the corresponding budget of \$64M is preliminarily budgeted as follows:

| Category | Fire Stations | Preliminary Budget |
|--|--|---------------------------|
| Programming and Project Development | | \$1.5M |
| Seismic Improvement Projects | 05, 22, 43, Fire Boat Station; Equipment Logistics Center | \$52.0M |
| Comprehensive Renovation projects | 02, 36 | \$6.3M |
| Focused Scope Projects | 06, 13, 15, 17, 18, 28, 38, 40, 41, 42, 44 | \$4.2M |
| Total | | \$64.0M |

These budget numbers should not to be construed as the baseline budget. Further delineation of the specific improvements at each fire station is required to establish the baseline budgets that will be appropriate for monitoring the financial status of each project.

Auxiliary Water Supply System (AWSS)

Background: Following an earthquake, the San Francisco Auxiliary Water Supply System (AWSS) is vital for protecting against the loss of life, as well as the loss of homes and businesses. The AWSS is used throughout the year for the suppression of multiple-alarm fires. It provides an additional layer of fire protection, in addition to the domestic water system, in the event of a major earthquake. The AWSS delivers water at high pressure and includes two pump stations, two storage tanks, one reservoir, and approximately 135 miles of pipes. Additionally, the system includes 52 suction connections along the northeastern waterfront, which allow fire engines to pump water from San Francisco Bay, and two fireboats that supply seawater by pumping into any of the five manifolds connected to the AWSS pipes. The AWSS also includes 1,600 hydrants and 3,828 valves.



Projects' Description: The Earthquake Safety and Emergency Response Bond will improve and seismically upgrade the Auxiliary Water Supply System (AWSS) Core Facilities, - two pump stations, two storage tanks, and the primary reservoir, as well as associated s cisterns, pipe network and tunnels and is budgeted as follows:

| | |
|---------------------------------|------------------|
| AWSS Core Facilities | \$34.4 M |
| Cisterns | \$36.0 M |
| Pipe Network and Tunnels | \$32.0 M |
| Total | \$102.4 M |

These budget numbers should not be construed as the baseline budget. Further delineation of the specific improvements to each element of the AWSS is required to

establish the baseline budgets that will be appropriate for monitoring the financial status of each project.

Projects' Status: The AWSS Core Facilities have been developed through the conceptual level, including the historic evaluation that was necessary to collect environmental clearance for all five sites. The Cisterns and Pipeline Network and Tunnels elements for the AWSS were not specifically identified, i.e. particular locations or scope of work, so no environmental clearance was possible prior to the bond measure being placed on the ballot.

The transfer of the AWSS from the Fire Department to the SFPUC has created a new working relationship between DPW serving as the ESER bond program's manager and the SFPUC providing the project management and engineering resources necessary to deliver the various AWSS projects. A work plan for the reservoir, pump stations, tunnels, and tanks is being developed by DPW and SFPUC that will serve to define the scope of individual projects and the baseline budgets and schedules for the ESER 1 AWSS projects. The SFPUC project manager began work on March 21, 2011, and he has begun the planning effort to define the pipeline network and cistern program elements, and develop an approach to identify and prioritize projects.

Seawater Intake Pipes

A proposal is being processed from consultant SAIC and sub-consultant Moffatt & Nichol to provide planning and engineering services for a feasibility study. The study will examine the best methods and requisite permitting to remove sediment from the seawater intake tunnels located at AWSS Pump Stations 1 and 2.

The proposal has two tasks. Task 1 will quantify and characterize the sediment, determine sediment removal and disposal methods, and identify permitting requirements based on those findings. Task 2 will develop plans and specifications to remove and dispose of the sediment and will support efforts to obtain required permits.

Planning RFP

A pending request for proposals will solicit professional planning, engineering, and insurance consulting services for an AWSS planning study. The study will define the preferred repair and improvement strategy for the AWSS cistern and pipeline systems to improve seismic reliability.

BUDGET AND FUNDING

• BUDGET

The amounts shown below indicate order-of-magnitude budgets for projects for which the scope of work and baseline budgets and schedules have not yet been established, except for those elements shown in **BOLD**, which indicate the financial program-level budget commitments and the baseline budget for the Public Safety Building.

| Description | Total Budget | Schedule | |
|---|--------------------|------------------|-------------------|
| | | Start | Completion |
| PUBLIC SAFETY BUILDING | 239,000,000 | 10/1/2010 | 12/31/2013 |
| NEIGHBORHOOD FIRE STATIONS | 64,000,000 | 1/1/2011 | 9/30/2016 |
| Fire Boat Station | 19,526,085 | 11/1/2010 | 9/30/2016 |
| Equipment Logistics Center | 11,715,856 | 11/1/2010 | 9/30/2016 |
| Stations 6, 13, 28, 38, 41, 42 | 1,941,530 | 11/1/2010 | 3/31/2012 |
| Station 5 | 6,919,461 | 11/1/2010 | 1/31/2014 |
| Station 2 | 3,703,576 | 11/1/2010 | 4/31/2013 |
| Station 36 | 2,631,272 | 7/1/2012 | 9/30/2015 |
| Station 44 | 582,562 | 11/1/2010 | 9/30/2012 |
| Station 17 | 776,407 | 10/1/2011 | 7/31/2013 |
| Stations 15, 18 40 | 970,252 | 10/1/2011 | 7/31/2013 |
| Station 43 | 8,325,616 | 1/1/2012 | 2/28/2015 |
| Station 22 | 5,360,492 | 10/1/2011 | 12/31/2014 |
| Programming and Project Development | 1,546,893 | | |
| SUBTOTAL | 303,000,000 | 10/1/2010 | 9/30/2016 |
| AUXILIARY WATER SUPPLY SYSTEM (AWSS) | 34,400,000 | 1/1/2011 | 12/31/2016 |
| Jones Street Tank | 6,500,000 | 1/1/2011 | 3/31/2014 |
| Ashbury Heights Tank | 5,900,000 | 1/1/2011 | 12/31/2015 |
| Twin Peaks Reservoir | 4,300,000 | 1/1/2011 | 6/30/2017 |
| Pump Station No. 2 | 14,200,000 | 1/1/2011 | 9/30/2014 |
| Pump Station No. 1 | 3,500,000 | 1/1/2011 | 3/31/2016 |

| Description | Total Budget | Schedule | |
|--|--------------------|------------------|------------------|
| | | Start | Completion |
| FIREFIGHTING CISTERNS | 36,000,000 | 1/1/2011 | 6/30/2017 |
| Contract No. 1 | 3,600,000 | 1/1/2011 | 12/31/2013 |
| Contract No. 2 | 10,800,000 | 5/1/2012 | 6/30/2016 |
| Contract No. 3 | 10,800,000 | 2/1/2013 | 12/31/2016 |
| Contract No. 4 | 10,800,000 | 7/1/2013 | 6/30/2017 |
| | | | |
| FIREFIGHTING PIPES AND TUNNELS | 32,000,000 | 2/1/2011 | 8/31/2017 |
| AWSS Modernization CIP Study | 3,000,000 | 2/1/2011 | 6/30/2012 |
| Contract No. 1 | 9,570,070 | 5/1/2012 | 8/31/2016 |
| Contract No. 2 | 9,570,070 | 5/1/2012 | 2/28/2017 |
| Contract No. 3 | 9,859,860 | 5/1/2012 | 8/31/2017 |
| | | | |
| SUBTOTAL | 102,400,000 | 1/1/2011 | 8/31/2017 |
| | | | |
| BOND OVERSIGHT/ACCOUNTABILITY/COI | 6,900,000 | 2/1/2011 | 8/31/2017 |
| Public Safety Building | 4,000,000 | 5/1/2012 | 8/31/2016 |
| Neighborhood Fire Stations | 1,100,000 | 2/1/2011 | 6/30/2012 |
| AWSS | 1,800,000 | 5/1/2012 | 2/28/2017 |
| | | | |
| TOTAL ESER BUDGET | 412,300,000 | 10/1/2010 | 8/31/2017 |

• **FUNDING**

Based on the projected budgets and schedules, a plan for four bond sales is anticipated. The strategy for sales is as follows:

| Sale | DPW | | PUC | Direct Project Costs | CSA Audit | Bond Oversight Cost of Issuance | Total | Total |
|--------------|------------------------|----------------------------|--------------------|----------------------|----------------|---------------------------------|------------------|--------------------|
| | Public Safety Building | Neighborhood Fire Stations | AWSS | | | | | |
| First | 66,596,284 | 3,627,397 | 8,396,929 | 78,620,610 | 157,241 | 742,148 | 899,389 | 79,520,000 |
| Second | 129,727,564 | 5,015,831 | 1,622,071 | 136,365,465 | 272,742 | 2,026,191 | 2,298,933 | 138,664,399 |
| Third | 39,500,772 | 13,781,772 | 25,836,000 | 79,118,544 | 232,689 | 1,752,989 | 1,985,678 | 81,104,222 |
| Fourth | 3,175,380 | 41,575,000 | 66,545,000 | 111,295,380 | 148,128 | 1,567,872 | 1,716,000 | 113,011,380 |
| Total | 239,000,000 | 64,000,000 | 102,400,000 | 405,400,000 | 810,800 | 6,089,200 | 6,900,000 | 412,300,000 |

EXPENDITURE REPORT

The expenditures incurred to date are \$8,155,156.

Refer to Attachment 1 – Program Budget Report for a detailed breakdown of the expenditures.

ATTACHMENT 1 – PROGRAM BUDGET REPORT

**Earthquake Safety & Emergency Response Bond Program
Program Budget Reports - Expenditures as of 03/31/11**

The amounts under the "Baseline Budget" for the Neighborhood Fire Stations and the Auxiliary Water Supply System (AWSS) projects are place holders owing the need to sufficiently develop the projects to a level where baseline budgets can be reliably offered and will serve as the basis for measuring accountability going forward.

| Status | Project | Category | Baseline Budget | Appropriated | Reserve | Expended | FAMIS Encumbrance | Balance |
|--|---|---------------------|--------------------|--------------------|----------|------------------|-------------------|-------------------|
| <u>PUBLIC SAFETY BUILDING</u> | | | | | | | | |
| DESIGN DEVELOPMENT | PUBLIC SAFETY BUILDING (CESER1 PS; 7400A & 7410A) | Soft Costs | 41,619,000 | \$66,596,284 | | \$6,523,302 | \$12,417,398 | 47,655,584 |
| | | Construction | 168,100,000 | | | | | - |
| | | Project Contingency | 29,281,000 | | | | | - |
| | | Subtotal | 239,000,000 | 66,596,284 | 0 | 6,523,302 | 12,417,398 | 47,655,584 |
| <u>NEIGHBORHOOD FIRE STATIONS</u> | | | | | | | | |
| Pre-Bond | PROGRAMMING AND PROJECT DEVELOPMENT (CESER1 FS20; Job Order 7420A) | Soft Costs | 1,015,668 | \$1,015,668 | | \$1,015,668 | | - |
| | | Construction | | | | | | 0 |
| | | Project Contingency | | | | | | 0 |
| | | Subtotal | 1,015,668 | \$1,015,668 | 0 | 1,015,668 | 0 | 0 |
| PLANNING | SEISMIC IMPROVEMENT PROJECTS: Stations 5 (CESER1 FS21; Job Order 7421A) | Soft Costs | 1,579,460 | \$5,000 | | | | 5,000 |
| | | Construction | 5,340,000 | | | | | 0 |
| | | Project Contingency | TBD | | | | | 0 |
| | | Subtotal | 6,919,460 | \$5,000 | 0 | 0 | 0 | 5,000 |
| PLANNING | Station 22 (CESER1 FS22; Job Order 7422A) | Soft Costs | 1,220,492 | \$5,000 | | | | 5,000 |
| | | Construction | 4,140,000 | | | | | 0 |
| | | Project Contingency | TBD | | | | | 0 |
| | | Subtotal | 5,360,492 | \$5,000 | 0 | 0 | 0 | 5,000 |
| PLANNING | Station 43 (CESER1 FS23; Job Order 7423A) | Soft Costs | 1,935,616 | \$5,000 | | | | 5,000 |
| | | Construction | 6,390,000 | | | | | 0 |
| | | Project Contingency | TBD | | | | | 0 |
| | | Subtotal | 8,325,616 | \$5,000 | 0 | 0 | 0 | 5,000 |
| PLANNING | Station 35 Fire Boat Headquarters (CESER1 FS24; Job Order 7424A) | Soft Costs | 4,146,085 | \$5,000 | | | | 5,000 |
| | | Construction | 15,380,000 | | | | | 0 |
| | | Project Contingency | TBD | | | | | 0 |
| | | Subtotal | 19,526,085 | \$5,000 | 0 | 0 | 0 | 5,000 |
| PLANNING | Equipment Logistics Center (CESER1 FS25; Job Order 7425A) | Soft Costs | 2,485,856 | \$5,000 | | | | 5,000 |
| | | Construction | 9,230,000 | | | | | 0 |
| | | Project Contingency | TBD | | | | | 0 |
| | | Subtotal | 11,715,856 | \$5,000 | 0 | 0 | 0 | 5,000 |

| Status | Project | Category | Baseline Budget | Appropriated | FAMIS | | | |
|---|---|---------------------|-----------------|--------------|---------|-----------|-------------|-----------|
| | | | | | Reserve | Expended | Encumbrance | Balance |
| COMPREHENSIVE RENOVATION PROJECTS: | | | | | | | | |
| PLANNING | Station 2 (CESER1 FS26; Job Order 7426A) | Soft Costs | 843,576 | \$5,000 | | | | 5,000 |
| | | Construction | 2,860,000 | | | | | 0 |
| | | Project Contingency | TBD | | | | | 0 |
| | | Subtotal | 3,703,576 | \$5,000 | 0 | 0 | 0 | 5,000 |
| PLANNING | Station 36 (CESER1 FS27; Job Order 7427A) | Soft Costs | 601,272 | \$5,000 | | | | 5,000 |
| | | Construction | 2,030,000 | | | | | 0 |
| | | Project Contingency | TBD | | | | | 0 |
| | | Subtotal | 2,631,272 | \$5,000 | 0 | 0 | 0 | 5,000 |
| FOCUSED SCOPE PROJECTS: | | | | | | | | |
| PLANNING | Stations 6, 13, 15, 17, 18, 28, 38, 40, 41, 42, 44 (CESER1 FS28, Job Order 7428A) | Soft Costs | 1,130,751 | \$5,000 | | | | 5,000 |
| | | Construction | 3,140,000 | | | | | 0 |
| | | Project Contingency | TBD | | | | | 0 |
| | | Subtotal | 4,270,751 | \$5,000 | 0 | 0 | 0 | 5,000 |
| PLANNING | PROGRAMMING AND PROJECT DEVELOPMENT (CESER1 FS30, Job Order 7430A) | Soft Costs | 531,225 | \$2,571,729 | | \$350,645 | 322,960 | 1,898,124 |
| | | Construction | | | | | | 0 |
| | | Project Contingency | | | | | | 0 |
| | | Subtotal | 531,225 | \$2,571,729 | 0 | 350,645 | 322,960 | 1,898,124 |
| PLANNING | NEIGHBORHOOD FIRE STATIONS SUMMARY (CESER1 FS) | Soft Costs | 15,490,000 | 3,627,397 | 0 | 1,366,313 | 322,960 | 1,938,124 |
| | | Construction | 48,510,000 | 0 | 0 | 0 | 0 | 0 |
| | | Project Contingency | TBD | TBD | TBD | TBD | TBD | TBD |
| | | Subtotal | 64,000,000 | 3,627,397 | 0 | 1,366,313 | 322,960 | 1,938,124 |
| AUXILIARY WATER SUPPLY SYSTEM (AWSS) | | | | | | | | |
| AUXILIARY WATER SUPPLY SYSTEM (AWSS) | | | | | | | | |
| PLANNING | Jones Street Tank | Soft Costs | 1,800,000 | | | | | 0 |
| | | Construction | 4,700,000 | | | | | 0 |
| | | Project Contingency | | | | | | 0 |
| | | Subtotal | 6,500,000 | 0 | 0 | 0 | 0 | 0 |
| PLANNING | Ashbury Heights Tank | Soft Costs | 1,600,000 | | | | | 0 |
| | | Construction | 4,300,000 | | | | | 0 |
| | | Project Contingency | | | | | | 0 |
| | | Subtotal | 5,900,000 | 0 | 0 | 0 | 0 | 0 |
| PLANNING | Twin Peaks Reservoir | Soft Costs | 1,200,000 | | | | | 0 |
| | | Construction | 3,100,000 | | | | | 0 |
| | | Project Contingency | | | | | | 0 |
| | | Subtotal | 4,300,000 | 0 | 0 | 0 | 0 | 0 |
| PLANNING | Pump Station No. 2 | Soft Costs | 3,900,000 | | | | | 0 |
| | | Construction | 10,300,000 | | | | | 0 |
| | | Project Contingency | | | | | | 0 |
| | | Subtotal | 14,200,000 | 0 | 0 | 0 | 0 | 0 |

| Status | Project | Category | Baseline Budget | Appropriated | Reserve | Expended | FAMIS Encumbrance | Balance |
|--|---|---------------------|--------------------|---------------------------------|----------|-------------------|-------------------|---------------------------------|
| PLANNING | Pump Station No. 1 | | | | | | | |
| | | Soft Costs | 1,000,000 | | | | | 0 |
| | | Construction | 2,500,000 | | | | | 0 |
| | | Project Contingency | | | | | | 0 |
| | AUXILIARY WATER SUPPLY SYSTEM (AWSS) | Subtotal | 3,500,000 | 0 | 0 | 0 | 0 | 0 |
| | | Soft Costs | 9,500,000 | | | | | 0 |
| | | Construction | 24,900,000 | | | | | 0 |
| | | Project Contingency | | | | | | 0 |
| | | Subtotal | 34,400,000 | 0 | 0 | 0 | 0 | 0 |
| <u>FIREFIGHTING CISTERNS</u> | | | | | | | | |
| PLANNING | FIREFIGHTING CISTERNS | | | | | | | |
| | | Soft Costs | 10,000,000 | | | | | 0 |
| | | Construction | 26,000,000 | | | | | 0 |
| | | Project Contingency | | | | | | 0 |
| | | Subtotal | 36,000,000 | 0 | 0 | 0 | 0 | 0 |
| <u>FIREFIGHTING PIPES AND TUNNELS</u> | | | | | | | | |
| PLANNING | FIREFIGHTING PIPES AND TUNNELS | | | | | | | |
| | | Soft Costs | 10,195,000 | | | | | 0 |
| | | Construction | 21,805,000 | | | | | 0 |
| | | Project Contingency | | | | | | 0 |
| | | Subtotal | 32,000,000 | 0 | 0 | 0 | 0 | 0 |
| | AUXILIARY WATER SUPPLY SYSTEM (AWSS) | Soft Costs | 29,695,000 | \$8,396,929 | | \$0 | | 8,396,929 |
| | | Construction | 72,705,000 | | | | | - |
| | | Project Contingency | | | | | | - |
| | | Subtotal | 102,400,000 | 8,396,929 | 0 | 0 ⁽¹⁾ | 0 | 8,396,929 ⁽¹⁾ |
| ESER | | Soft Costs | 86,804,000 | 78,620,610 | 0 | 7,889,615 | 12,740,358 | 57,990,637 |
| | | Construction | 289,315,000 | 0 | 0 | 0 | 0 | 0 |
| | | Project Contingency | 29,281,000 | 0 | 0 | 0 | 0 | 0 |
| | | Subtotal | 405,400,000 | 78,620,610 | 0 | 7,889,615 | 12,740,358 | 57,990,637 |
| BOND OVERSIGHT/ACCOUNTABILITY | | | 6,900,000 | \$899,390 | | \$477,494 | | \$421,896 |
| TOTAL BOND PROGRAM | | | 412,300,000 | 79,520,000 | 0 | 8,367,109 | 12,740,358 | 58,412,533 |
| Other Costs | Operating Transfer Outs | | 0 | \$4,906,970 | | \$4,906,970 | | \$0 |
| TOTAL BOND PROGRAM | | | 412,300,000 | 84,426,970⁽¹⁾ | 0 | 13,274,079 | 12,740,358 | 58,412,533⁽¹⁾ |

⁽¹⁾ The project structure for AWSS has not yet been created, therefore, there is a variance in the FAMIS amounts for Budget and Balance of \$8,396,929.

Prepared by the Department of Public Works, revised 04/04/11

ATTACHMENT 2 – TIMELINE AND SCHEDULE

**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 | | | |
|---|-------------|----------|----------|-----------|----------|------------------------------------|----------|------------|----------|--------------|----------|-------------|----------|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | | | | 2010 | | 2011 | | 2011 | | 2012 | | 2012 | | 2013 | | 2013 | | 2014 | | 2014 | | 2015 | | 2015 | | 2016 | | 2016 | | 2017 | |
| | | | | 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. |
| DEPARTMENT OF PUBLIC WORKS / NEIGHBORHOOD FIRE STATIONS AND PUBLIC SAFETY BUILDING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PUBLIC SAFETY BUILDING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Original/Baseline Budget | 239,000,000 | 10/01/10 | 12/31/13 | 6,880,000 | | programming/schematic design phase | | 22,360,000 | | design phase | | 209,760,000 | | construction and construction administration phase | | | | | | | | | | | | | | | | | |
| Current/Approved | | | | 6,880,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Current/Projected | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Actual | | | | 6,523,302 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEIGHBORHOOD FIRE STATIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Original/Baseline | 64,000,000 | 10/01/10 | 09/30/16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Current/Approved | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Current/Projected | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Actual | | | | 1,366,313 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PUBLIC UTILITIES COMMISSION / AUXILIARY WATER SUPPLY SYSTEM (AWSS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AWSS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Original/Baseline Budget | 34,400,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Current/Approved | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Current/Projected | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Actual | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FIREFIGHTING CISTERNS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Original/Baseline Budget | 36,000,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Current/Approved | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Current/Projected | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Actual | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FIREFIGHTING PIPES AND TUNNELS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Original/Baseline Budget | 32,000,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Current/Approved | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Current/Projected | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Actual | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOND OVERSIGHT AND ACCOUNTABILITY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Original/Baseline Budget | 6,900,000 | | | 265,541 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Current/Approved | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Current/Projected | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Actual | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

The amounts under the "Budget" for the Neighborhood Fire Stations and the Auxiliary Water Supply System (AWSS) projects are place holders owing to the need to sufficiently develop the projects to a level where baseline budgets can be reliably offered and will serve as the basis for measuring accountability going forward.

ATTACHMENT 3 – CONTACT INFORMATION

Department of Public Works
Bureau of Project Management
30 Van Ness Avenue, Suite 4100
San Francisco, CA 94102
(415) 557-4700

| <i>Contact</i> | <i>Title</i> | <i>Telephone No.</i> | <i>Cell No.</i> | <i>E-mail</i> |
|------------------------|-------------------|----------------------|-----------------|--|
| Charles A. Higuera | Program Manager | (415) 557-4646 | (415) 307-7891 | charles.higuera@sfdpw.org |
| Jim Buker | Senior Architect | (415) 557-4758 | (415) 225-9481 | jim.buker@sfdpw.org |
| Gabriella Judd-Cirelli | Project Manager | (415) 557-4707 | (415) 279-4395 | gabriella.cirelli@sfdpw.org |
| Samuel Chui | Project Manager | (415) 558-4082 | (415) 272-8293 | samuel.chui@sfdpw.org |
| Marisa Fernandez | Financial Analyst | (415) 557-4653 | | marisa.fernandez@sfdpw.org |

Public Utilities Commission
Project Management Bureau
1155 Market Street, Sixth Floor
San Francisco, CA 94103

| <i>Contact</i> | <i>Title</i> | <i>Telephone No.</i> | <i>Cell No.</i> | <i>E-mail</i> |
|----------------|-----------------|----------------------|-----------------|--|
| David Myerson | Project Manager | (415) 934-5710 | | dmyerson@sflower.org |

