



# Earthquake Safety and Emergency Response Bond Program

Monthly Status Report  
October 2011

Prepared for the

San Francisco Police Department  
San Francisco Fire Department  
Public Utilities Commission

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Program Manager



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## EXECUTIVE SUMMARY

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### **Public Safety Building**

Design Team has achieved 100% Design Development milestone, followed by presentation to SFPD and SFFD. Site permit was submitted to DBI with anticipated issuance at end of November.

### **Neighborhood Fire Stations**

The scoping of projects within the Fire Stations Focus Groups I and II is complete and discussion regarding procurement of corresponding construction services is underway with start of construction for these projects planned for the fall. Work continues on the first four roof replacement projects, completion is scheduled for December 2011. Group III reports are complete and in review with SFFD, and cost estimating is scheduled for completion in November 2011.

### **Auxiliary Water Supply System (AWSS)**

A task-order proposal was solicited from a contractor for sediment removal from Pumping Station 1 seawater tunnel.

AECOM/AGS JV participated in a Planning Support Services project initiation meeting on October 14, 2011.

Geotechnical field work was completed at Ashbury Tank, Jones Street Tank, and Pumping Station 1. Construction began on a new 16" diameter supply pipe from the Summit Reservoir gravity discharge line to Twin Peaks Reservoir.

Initial planning sessions were completed to evaluate potential locations for constructing new cisterns.

### **Budget and Expenditures**

The expenditures inclusive of encumbrances are \$35,295,034 which is 9% of the Budget. The following is summary of the budget and expenditures:

<b>Component</b>	<b>Budget</b>	<b>Expenditures &amp; Encumbrance</b>	<b>Percentage of Budget</b>
Public Safety Building	\$239,000,000	\$24,428,872	10%
Neighborhood Fire Stations	\$64,000,000	\$3,269,684	5%
Auxiliary Water Supply System (AWSS)	\$102,400,000	\$2,048,141	2%
Oversight, Accountability & Cost of Issuance	\$6,900,000	\$641,367	9%
Other Costs	\$0	\$4,906,970	0%
<b>Total</b>	<b>\$412,300,000</b>	<b>\$35,295,034</b>	<b>9%</b>

For a detailed breakdown of the budget and expenditures refer to page 2.

Job Order Number & Title	Total Project Budget	Appropriation			Expenditures			Encumbrance	Balance	% Expenditures/ Appropriation	% Expenditures/ Budget
		Previous	Change +/-	Current	Previous	Current 10/01-10/31/11	Total				
<b>Public Safety Building</b>											
7400A Public Safety Planning	\$550,000	\$550,000	\$0	\$550,000	\$550,000	\$0	\$550,000	\$0	\$0	100%	0%
7410A Public Safety Building	\$238,450,000	\$62,546,277	\$0	\$62,546,277	\$10,256,296	\$1,511,547	\$11,767,843	\$12,111,029	\$38,667,406	19%	10%
<b>Sub-Total</b>	<b>\$239,000,000</b>	<b>\$63,096,277</b>	<b>\$0</b>	<b>\$63,096,277</b>	<b>\$10,806,296</b>	<b>\$1,511,547</b>	<b>\$12,317,843</b>	<b>\$12,111,029</b>	<b>\$38,667,406</b>	<b>20%</b>	<b>10%</b>
<b>Neighborhood Fire Stations</b>											
7420A Neighborhood Fire Stations Program	\$1,015,669	\$1,015,669	\$0	\$1,015,669	\$1,015,669	\$0	\$1,015,669	\$0	\$0	100%	2%
7421A Fire Station No. 5	\$6,919,461	\$5,000	\$0	\$5,000			\$0	\$0	\$5,000	0%	0%
7422A Fire Station No. 22	\$5,360,492	\$5,000	\$0	\$5,000			\$0	\$0	\$5,000	0%	0%
7423A Fire Station No. 43	\$8,325,616	\$5,000	\$0	\$5,000			\$0	\$0	\$5,000	0%	0%
7424A Fire Boat/ Fire Station No. 35	\$19,526,085	\$5,000	\$0	\$5,000			\$0	\$0	\$5,000	0%	0%
7425A Medical/Equipment Logistics Ctr.	\$11,715,856	\$5,000	\$0	\$5,000			\$0	\$0	\$5,000	0%	0%
7426A Fire Station No. 2	\$3,703,576	\$5,000	\$0	\$5,000			\$0	\$0	\$5,000	0%	0%
7427A Fire Station No. 36	\$2,631,272	\$5,000	\$0	\$5,000			\$0	\$0	\$5,000	0%	0%
7428A Focused Scope Fire Stations	\$4,270,750	\$5,000	\$0	\$5,000			\$0	\$0	\$5,000	0%	0%
7430A Neighborhood Fire Stations	\$408,223	\$5,008,761	\$0	\$5,008,761	\$1,080,581	\$71,295	\$1,151,876	\$201,038	\$3,655,847	23%	2%
7431A ESER Fire Stations-Group 1 Roofing	\$123,000	\$1,062,968	\$0	\$1,062,968	\$20,482	\$187,255	\$207,737	\$693,365	\$161,866	20%	1%
<b>Sub-Total</b>	<b>\$64,000,000</b>	<b>\$7,127,398</b>	<b>\$0</b>	<b>\$7,127,398</b>	<b>\$2,116,731</b>	<b>\$258,550</b>	<b>\$2,375,281</b>	<b>\$894,403</b>	<b>\$3,857,714</b>	<b>33%</b>	<b>5%</b>
<b>Auxiliary Water Supply System (AWSS)</b>											
1390J AWSS Planning & Development	\$1,316,963	\$1,316,963	\$0	\$1,316,963	\$1,316,963	\$0	\$1,316,963	\$0	\$0	100%	1%
<b>CUW AWS AW</b>											
Jones Street Tank	\$6,413,878	\$493,362	\$0	\$493,362	\$31,455	\$11,689	\$43,144	\$0	\$450,218	0%	0%
Ashbury Heights Tank	\$5,821,830	\$274,099	\$0	\$274,099	\$18,561	\$8,150	\$26,711	\$0	\$247,388	10%	0%
Twin Peaks Reservoir	\$4,243,028	\$245,575	\$0	\$245,575	\$57,093	\$8,695	\$65,788	\$0	\$179,787	0%	0%
Pump Station No. 2	\$14,011,862	\$2,130,617	\$0	\$2,130,617	\$23,747	\$7,340	\$31,087	\$0	\$2,099,530	1%	0%
Pump Station No. 1	\$3,453,629	\$190,000	\$0	\$190,000	\$27,084	\$6,615	\$33,699	\$0	\$156,301	0%	0%
Cisterns Contract	\$35,523,033	\$546,312	\$0	\$546,312	\$37,017	\$8,437	\$45,454	\$0	\$500,858	8%	0%
Pipes and Tunnels	\$31,615,777	\$3,000,000	\$0	\$3,000,000	\$131,583	\$33,233	\$164,816	\$318,147	\$2,517,037	5%	0%
Pipe/Tunnel #1		\$200,000	\$0	\$200,000	\$0	\$2,332	\$2,332		\$197,668	1%	0%
<b>Sub-Total</b>	<b>\$102,400,000</b>	<b>\$8,396,928</b>	<b>\$0</b>	<b>\$8,396,928</b>	<b>\$1,643,503</b>	<b>\$86,491</b>	<b>\$1,729,994 (1)</b>	<b>\$318,147</b>	<b>\$6,348,787</b>	<b>21%</b>	<b>2%</b>
<b>General Obligation Bond (GOB) Oversight/Accountability and Cost of Issuance and Associated Costs</b>											
Controller's Audit Fund	\$810,800	\$157,241	\$0	\$157,241	\$0		\$0	\$0	\$157,241	0%	0%
Citizens GOB Oversight Committee	\$405,400	\$79,520	\$0	\$79,520	\$0		\$0	\$0	\$79,520	0%	0%
Cost of Issuance	\$5,683,800	\$450,676	\$0	\$450,676	\$429,414		\$429,414				
Underwriter's Discount		\$211,953	\$0	\$211,953	\$211,953		\$211,953 (2a)	\$0	\$21,262	97%	11%
<b>Sub-Total</b>	<b>\$6,900,000</b>	<b>\$899,390</b>	<b>\$0</b>	<b>\$899,390</b>	<b>\$641,367</b>	<b>\$0</b>	<b>\$641,367</b>	<b>\$0</b>	<b>\$258,023</b>	<b>71%</b>	<b>9%</b>
<b>Total</b>	<b>\$412,300,000</b>	<b>\$79,519,993</b>	<b>\$0</b>	<b>\$79,519,993</b>	<b>\$15,207,897</b>	<b>\$1,856,588</b>	<b>\$17,064,485</b>	<b>\$13,323,579</b>	<b>\$49,131,930</b>	<b>21%</b>	<b>7%</b>
<b>Other Costs</b>											
Operating Transfer Outs (Deposit to Bond Subaccount)		\$4,906,970	\$0	\$4,906,970	\$4,906,970	\$0	\$4,906,970	\$0	(\$0)	100%	
<b>Sub-Total</b>	<b>\$0</b>	<b>\$4,906,970</b>	<b>\$0</b>	<b>\$4,906,970</b>	<b>\$4,906,970</b>	<b>\$0</b>	<b>\$4,906,970 (2b)</b>	<b>\$0</b>	<b>(\$0)</b>	<b>100%</b>	<b>100%</b>

Job Order Number & Title	Total Project Budget	Appropriation			Expenditures			Encumbrance	Balance	Percentage of Expenditures	Percentage of Expenditures
		Previous	Change +/-	Current	Previous	Current 10/01-10/31/11	Total				
<b>Total</b>	<b>\$412,300,000</b>	<b>\$84,426,963</b>	<b>\$0</b>	<b>\$84,426,963</b>	<b>\$20,114,867</b>	<b>\$1,856,588</b>	<b>\$21,971,455 (3)</b>	<b>\$13,323,579</b>	<b>\$49,131,929</b>	<b>26%</b>	<b>9%</b>

Per FAMIS fiscal month 04 2012 (October 2011), the actual expenditures are \$28,489,578 The variances are as follows:

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

\$8,396,928

(a) less \$1,316,936 for forecasted pre-bond expenditures not yet posted in FAMIS

(\$1,316,963)

(b) less \$413,031 for actuals per FAMIS Project structure CUW AWS AW

(\$413,031)

(2) The underwriters discount of \$211,953 was separated from the premium \$5,118,923 as follows:

(a) added underwriters discount \$211,953 to 07311 BOND ISSUANCE COST

\$211,953

(b) deducted underwriters discount \$211,953 from 0934G OTO TO 4D/GOB-GEN

(\$211,953)

(3) Labor costs not yet posted in FAMIS (FPS 10/17-10/31/11)

(\$148,811)

**Total**

**\$28,489,578**

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## PROGRAM SUMMARY AND STATUS

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### San Francisco Police & Fire Departments Public Safety Building



View from Third Street and China Basin Street looking North East

**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. Along with this primary project component are a relocated Southern District Station and a new Mission Bay Fire Station. Providing a new venue for the two police elements 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 Public Safety Building total project budget is \$239 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 inclusive of bid day. The balance of approximately \$39 million is attributable to the project’s development costs, including all consulting fees, City project management and construction management services. Not included in the \$239 million is \$4 million for bond oversight, accountability and bond cost of issuance. Together, the budget is \$243 million as reported in the Bond Program Report.

**Scope:** Design team has achieved 100% DD milestone on week of 10/10. 100% DD design presentations to SFPD and SFFD on 10/20 and 10/31 respectively were well-received by client departments.

Site Permit for Public Safety Building submitted on 10/6 (Permit No. 201110066246S). Site permit issuance anticipated end of November, pending merger of parcels across project site.

The MOU between the DPW and the Police Department is being modeled after the MOU prepared for the Fire Department - which is currently under review by the Fire Department. The MOU with the Police Department will be provided subsequent to establishing a final draft of the Fire Department MOU.

BDCD/ Architectural services have been selected to provide FF+E scope of services. RFQ/P for mLBE FF+E Asset Management Consultant will be issued in November.

**Schedule:** RFQ/ RFP issuance, pre-qual and pre-bid meetings, RFQ application scoring, are occurring for various trade packages. Trade Package Activities:

- RFP Issuance: Temp. Water services
- Pre-bid meetings: Dewatering; Clear & Grub, Excavation
- Bid Opening: Curtain Wall (design-build); Piles (Indicator + Production); Dewatering; Clear & Grub, Excavation

Refer to Page 9 for a detailed schedule.

**Budget Status:** The budget for the Public Safety Building is \$239,000,000. The approved appropriated amount is \$66,596,284 funded from the proceeds of the first bond sale. The appropriations were reduced by \$3,500,000 from \$66,596,284 to \$62,546,277 and the funds were re-appropriated under the Neighborhood Fire Stations Component. Once the proceeds of the Second Bond Sale are received, the \$3,500,000 will be re-appropriated to the Public Safety Building. The remaining \$62,546,277 is sufficient to fund current contracts and future trade package buyouts.

**Current Expenditures:** The expenditures increased by \$1,511,547 from \$10,806,296 to \$12,317,843. The following is an account of the expenditures for this month:

- \$181,459 for the Building Design and Construction Division for the following services:
  - \$178,876 for Architectural and Project Management Services:
    - \$111,901 for architectural design services
    - \$648 for FF&E interior programming services
    - \$66,327 for project management services
  - \$2,583 for Engineering Services
    - \$803 for Disability Access Coordinator.
    - \$1,780 for structural peer review services.
- \$142 for reproduction services.
- \$3,663 for labor costs related to the exterior destructive testing of Fire Station No. 30.
- \$10,618 for Bureau of Street-use and Mapping for labor costs associated with Record of Survey for property at 3rd St. & China Basin.
- \$9,033 for the Art Commission.
- \$23,742 for SF Redevelopment Agency.
- \$1,208,170 for HOK for design services for August and September.
- \$12,511 for GTC Geotechnical for geotechnical services provided in August including project coordination and management, geotechnical calculations for axial capacity of pile, analysis of alternative pile type, evaluation of ground improvement for liquefaction mitigation, and participation in teleconferences regarding pile alternatives and the pile indicator program.
- \$58,731 for Pankow for pre-construction services provided in September.
- \$2,388 for Tetrtech Environmental for CEQA documentation services provided in July.
- \$90 for travel reimbursements to Los Angeles New Police Headquarters.
- \$1,000 for PG&E for easement quitclaim administrative fee.

**Current Appropriations:** The reserve decreased by \$19,705 from \$36,714,062 to \$36,694,357 due to the following transactions:

- BDC Construction Management's budget increased by **\$1,191** from \$24,697 to \$25,888 for contract service order administrative fees related to Smith Emery for in-place masonry shear tests for Fire Station No. 30.
- Smith Emery – created a budget in the amount of **\$11,910** for in-place masonry shear tests for Fire Station No. 30.
- Pankow - Increased the budget by **\$3,506** from \$2,830,629 to \$2,834,135 to supplement Modification No. 4.

For a comparison of budget and expenditures related to these transactions, refer to the page 8.

Job Order Number & Title	Total Project Budget	Appropriation			Expenditures			Encumbrance	Balance	% Expenditures/ Appropriation	% Expenditures/ Budget
		Previous	Change +/-	Current	Previous	Current 10/01-10/31/11	Total				
<b>Public Safety Building</b>											
7400A Public Safety Planning	\$550,000	\$550,000	\$0	\$550,000	\$550,000	\$0	\$550,000	\$0	\$0	100%	0%
7410A Public Safety Building	\$238,450,000	\$62,546,277	\$0	\$62,546,277	\$10,256,296	\$1,511,547	\$11,767,843	\$12,111,029	\$38,667,406	19%	10%
<b>Sub-Total</b>	<b>\$239,000,000</b>	<b>\$63,096,277</b>	<b>\$0</b>	<b>\$63,096,277</b>	<b>\$10,806,296</b>	<b>\$1,511,547</b>	<b>\$12,317,843</b>	<b>\$12,111,029</b>	<b>\$38,667,406</b>	<b>20%</b>	<b>10%</b>

Public Safety Building  
Job Order 7400A Pre-Bond Programming and Development (CESER1PS00)

Summary of City/DPW Labor Costs

Firm/Scope	Appropriation	Expenditures			Encumbrance	Balance	Percentage of Expenditures
		Previous	Current 10/01-10/31/11	Total			
<b>Building Design and Construction</b>							
Architectural Services	\$154,480	\$154,480	\$0	\$154,480	\$0	\$0	100%
Engineering Services	\$7,568	\$7,568	\$0	\$7,568	\$0	\$0	100%
Construction Management Services	\$2,467	\$2,467	\$0	\$2,467	\$0	\$0	100%
<b>Total</b>	<b>\$164,515</b>	<b>\$164,515</b>	<b>\$0</b>	<b>\$164,515</b>	<b>\$0</b>	<b>\$0</b>	<b>100%</b>

Summary of Consultants & Other City Services and Agencies

Scope	Appropriation	Expenditures			Encumbrance	Balance	Percentage of Expenditures
		Previous	Current 10/01-10/31/11	Total			
Real Estate Department	\$50,000	\$50,000		\$50,000	\$0	\$0	100%
HOK	\$307,386	\$307,386		\$307,386	\$0	\$0	100%
CM West - Cost Estimates	\$20,902	\$20,902		\$20,902	\$0	\$0	100%
City Reproduction	\$259	\$259		\$259	\$0	\$0	100%
City Attorney	\$922	\$922		\$922	\$0	\$0	100%
Express Overnight	\$16	\$16		\$16	\$0	\$0	100%
Coro	\$6,000	\$6,000		\$6,000	\$0	\$0	100%
<b>Total</b>	<b>\$385,485</b>	<b>\$385,485</b>	<b>\$0</b>	<b>\$385,485</b>	<b>\$0</b>	<b>\$0</b>	<b>100%</b>

<b>Public Safety Building (Pre-Bond) Total</b>	<b>\$550,000</b>	<b>\$550,000</b>	<b>\$0</b>	<b>\$550,000</b>	<b>\$0</b>	<b>\$0</b>	<b>100%</b>
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Public Safety Building  
Job Order 7410A (CESER1PS10)

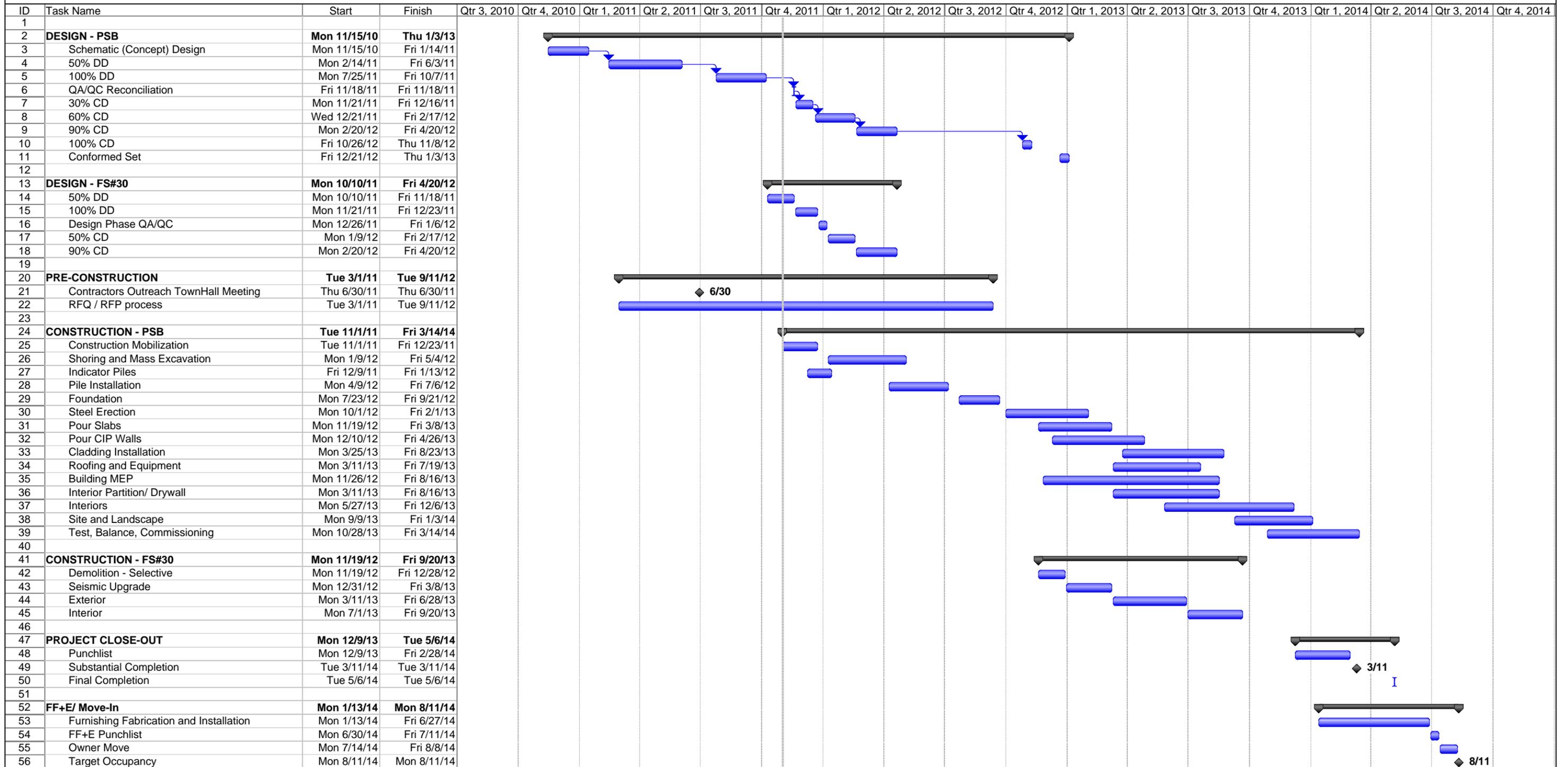
Summary of City/DPW Labor Costs

Firm - Scope	Appropriation			Expenditures			Encumbrance	Balance	Percentage of Expenditures
	Previous	Change +/-	Current	Previous	Current 10/01-10/31/11	Total			
<b>Building Design and Construction</b>									
Architectural Services	\$2,440,952	\$0	\$2,440,952	\$2,518,303	\$178,876	\$2,697,179	\$0	(\$256,227)	110.50%
Engineering Services	\$130,149	\$0	\$130,149	\$42,910	\$2,583	\$45,493	\$0	\$84,656	34.95%
Construction Management Services	\$24,697	\$1,191	\$25,888	\$24,631	\$0	\$24,631	\$0	\$1,257	95.14%
<b>Total</b>	<b>\$2,595,798</b>	<b>\$1,191</b>	<b>\$2,596,989</b>	<b>\$2,585,844</b>	<b>\$181,459</b>	<b>\$2,767,303</b>	<b>\$0</b>	<b>(\$170,314)</b>	<b>106.56%</b>

Summary of Consultants & other City Services and Agencies

Scope	Appropriation			Expenditures			Encumbrance	Balance	Percentage of Expenditures
	Previous	Change +/-	Current	Previous	Current 10/01-10/31/11	Total			
Elite Reprographics	\$31,795	\$0	\$31,795	\$2,626	\$142	\$2,768	\$30,000	(\$973)	8.71%
Bureau of Urban Forestry	\$9,803	\$0	\$9,803	\$0	\$3,663	\$3,663			
Bureau of Streets-use and Mapping	\$33,789	\$0	\$33,789	\$18,012	\$10,618	\$28,630	\$0	\$5,159	84.73%
Bureau of Building Repair	\$1,327	\$0	\$1,327	\$127		\$127			
Public Information	\$44,417	\$0	\$44,417	\$18,574		\$18,574	\$0	\$25,843	41.82%
DPH Fees - Soil Investigation	\$3,500	\$0	\$3,500	\$1,340		\$1,340	\$0	\$2,160	38.29%
Department of Technology	\$1,398	\$0	\$1,398	\$618		\$618	\$0	\$780	44.21%
SF Redevelopment Agency	\$30,000	\$0	\$30,000	\$6,258	\$23,742	\$30,000	\$0	\$0	100.00%
Capital Planning - Web Design Svcs	\$5,000	\$0	\$5,000	\$0		\$0	\$0	\$5,000	0.00%
Art Commission - Art Enrichment	\$766,650	\$0	\$766,650	\$190,041	\$9,033	\$199,074	\$52,481	\$515,095	25.97%
Art Commission - Civic Design Review	\$8,996	\$0	\$8,996	\$4,623		\$4,623	\$0	\$4,373	51.39%
City Planning	\$3,163	\$0	\$3,163	\$3,163		\$3,163	\$0	\$0	100.00%
City Attorney	\$60,000	\$0	\$60,000	\$8,968		\$8,968	\$0	\$51,032	14.95%
PUC/EnerNoc - Commissioning	\$358,742	\$0	\$358,742	\$0		\$0	\$0	\$358,742	0.00%
Bluewater - SFFD #30 Exploratory Holes	\$79,973	\$0	\$79,973	\$0		\$0	\$64,329	\$15,644	0.00%
EPM	\$7,500	\$0	\$7,500	\$281		\$281	\$7,199	\$20	3.75%
MTSI	\$1	\$0	\$1	\$0		\$0		\$1	0.00%
Vanir - Construction Mgmt Support Svcs.	\$1,143,000	\$0	\$1,143,000	\$0		\$0		\$1,143,000	0.00%
Smith Emery, FS #30 Const. Materials Testing	\$0	\$11,910	\$11,910	\$0		\$0	\$11,910	\$0	0.00%
TEF Consultant - Programming	\$129,003	\$0	\$129,003	\$129,003		\$129,003	\$0	\$0	100.00%
Hellmuth Obata Kassabaum (HOK) - Architect	\$16,810,006	\$0	\$16,810,006	\$6,243,497	\$1,208,170	\$7,451,667	\$9,358,339	\$0	44.33%
GTC Geotechnical	\$717,319	\$0	\$717,319	\$288,480	\$12,511	\$300,991	\$428,839	(\$12,511)	41.96%
Pankow - Construction Manager/General Contractor (CM/GC)	\$2,830,629	\$3,506	\$2,834,135	\$640,319	\$58,731	\$699,050	\$2,135,085	\$0	24.67%
Tetrattech - Environmental	\$48,730	\$0	\$48,730	\$41,405	\$2,388	\$43,793	\$7,164	(\$2,227)	89.87%
URS/TECI - Public Information	\$43,017	\$0	\$43,017	\$43,017		\$43,017	\$0	\$0	100.00%
Millennium - Haz Mat Survey of FS#30	\$6,111	\$0	\$6,111	\$5,728		\$5,728	\$383	\$0	93.73%
Creegan+D'Angelo (Adavant);	\$9,852	\$0	\$9,852	\$9,852		\$9,852	\$0	\$0	100.00%
North Tower - SFFD #30 Exploratory Holes Oversight	\$15,300	\$0	\$15,300	\$0		\$0	\$15,300	\$0	0.00%
ReproMail - City Reproduction Svcs.	\$200	\$0	\$200	\$0		\$0	\$0	\$200	0.00%
BBR Non-Labor	\$2,000	\$0	\$2,000	\$0		\$0		\$2,000	0.00%
BUF Non-Labor	\$2,700	\$0	\$2,700	\$0		\$0		\$2,700	0.00%
Miscellaneous Charges	\$5,000	\$0	\$5,000	\$3,525	\$90	\$3,615	\$0	\$1,385	72.30%
PG&E Quit Claim, Easement	\$0	\$0	\$0	\$0	\$1,000	\$1,000	\$0	(\$1,000)	#DIV/0!
Coro - Interns	\$8,000	\$0	\$8,000	\$7,000		\$7,000	\$0	\$1,000	87.50%
Advertising - legal notices, i.e. RFP/Qs	\$1,902	\$3,098	\$5,000	\$2,501		\$2,501	\$0	\$2,499	50.01%
Green Building Certification Institute (LEED Certification Fees)	\$17,000	\$0	\$17,000	\$900		\$900	\$0	\$16,100	5.29%
DBI - Permits	\$594	\$0	\$594	\$594		\$594		\$0	100.00%
Reserve	\$36,714,062	(\$19,705)	\$36,694,357	\$0		\$0	\$0	\$36,694,357	0.00%
<b>Total</b>	<b>\$59,950,479</b>	<b>(\$1,191)</b>	<b>\$59,949,288</b>	<b>\$7,670,452</b>	<b>\$1,330,088</b>	<b>\$9,000,540</b>	<b>\$12,111,029</b>	<b>\$38,830,379</b>	<b>15.01%</b>

**PUBLIC SAFETY BUILDING**  
**Schedule Summary - October 2011**



## San Francisco Fire Department Neighborhood Fire Stations

**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 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 25<sup>th</sup> Street) with the Emergency Medical Services and Arson Task Force at 1415 Evans. The corresponding budget of \$64 million 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 be construed as the baseline budget. Further delineation of the specific improvements at each fire station is in progress to establish the baseline budgets that will be appropriate for monitoring the financial status of each project.***

**Project Scope:** SFFD has reviewed DPW and consultant team Assessment Reports for each of the fourteen Group 1 and Group 2 Stations. SFFD has chosen to proceed with design and construction of first four roof replacements at Stations 6, 38, 41 and 42, as well as design and construction of the first phase of shower replacements at Stations 6, 15, and 38. SFFD will evaluate and approve complete recommended scope packages when the Group 3 project Assessment Reports and cost estimates are completed.

The Group 3 Comprehensive and Seismic project surveys were completed by the DPW and consultant team in July 2011. Reports were completed and presented to SFFD for review and comment on September 28, 2011 and cost estimating is underway, with completion scheduled for November 2011.

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, 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 potential 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.

Construction continues on schedule at the first four roof projects at Stations #6, #38, #41, and #42. . Work is scheduled to be complete on December 2, 2011. Design is underway for the first three shower projects at Stations 6, 15 and 38.

**Schedule:** As noted above, detailed investigations and scope definition were performed during the first six months of 2011 to clearly define the scope of work and cost at each Group 1 and 2 facilities. Per SFFD direction, the Assessment Review and cost estimates for the Group 3 facilities will be completed and reviewed for a holistic approval process for Group 1, 2, and 3 facilities. Group 3 Assessment reports are scheduled to be complete on September 30, 2011 with cost estimation to be completed on November 3, 2011.

Construction of the first four roofs at Stations #6, #38, #41, and #42 is proceeding on schedule. Completion is scheduled for December 2, 2011.

Refer to page no. 18 for a copy of the schedule.

**Budget Status:** The budget for the Neighborhood Fire Stations is \$64,000,000. Not included in the \$64,000,000 is \$1,100,000 for bond oversight, accountability and bond cost of issuance. Together, the budget is \$65,100,000 as reported in the Bond Program Report. The approved appropriated amount is \$3,627,397 funded from the proceeds of the First Bond Sale. The appropriation increased by \$3,500,000 from \$3,627,398 to \$7,127,398 to enable the project manager to award construction contracts in the Fall 2011. The Public Safety Building's appropriation was reduced by \$3,500,000 in order to increase the Neighborhood Fire Stations appropriation. When the proceeds from the Second Bond sale are received in January 2012, the funding will be returned to the Public Safety Building.

**Current Expenditures:** The expenditures increased by \$258,550 from \$2,116,731 to \$2,375,281. Out of the \$258,550, \$71,295 is for Job Order 7430A and \$187,255 is for Job Order 7431A. The following is an account of the expenditures for this month per job order:

**Job Order 7430A Programming & Development (CESER1FS30)**

- \$37,015 Building Design and Construction
  - \$33,145 for the following Architectural and Project management services
    - \$950 design and bid phase\*
    - \$1,424 for Programming of Equipment Logistic Center (ELC).
    - \$30,771 for project management
  - \$3,870 for Engineering Services and Disability Access Coordinator
    - \$3,332 for Structural pre-design Services
    - \$538 for Disability Access Coordinator.
  - \$17,494 for labor costs for the SFFD Representative labor costs for September and October.
  - \$932 for Paulett Taggart Architects for Historic Preservation services incurred in August.

*\*\$92,979 will be abated to Job Order 7431A Group1 Roofing. The \$92,979 is for \$60,589 for Architectural Design Services and \$32,390 for Electrical and Mechanical design services.*

**Current Appropriations:** The reserve decreased by \$243,912 from \$2,994,039 to \$2,750,126 to accommodate the following transactions:

- Architectural Services – budget increased by **\$35,852** from \$678,000 to \$713,852 to accommodate the programming services for the Equipment Logistic Center (ELC).
- SFFD Representative – budget increased by \$207,561 from \$215,087 to \$422,648 to fund FY 2011-12 labor costs.
- Misc. Charges – created a budget for **\$500** to process as needed reimbursements requests incurred by staff for travel to and from meetings.

For a comparison of budget and expenditures related to the transactions under job order 7430A, refer to the page 16.

**Job Order 7431A ESER Fire Stations-Group 1 Roofing (CESERFS31)**

- \$40,878 Building Design and Construction for the following services:
  - \$26,112 for architectural design services.
  - \$14,480 for JOC administrative services
  - \$286 for miscellaneous clerical services
- \$146,377 for construction services provided by Rodan as follows:
  - \$36,070 for FS#38
  - \$110,307 for FS#6

**Current Appropriations:** The appropriations remained the same at \$1,062,968.

For a comparison of budget and expenditures related to the transactions under job order 7431A, refer to the page 17.

Job Order Number & Title	Total Project Budget	Appropriation			Expenditures			Encumbrance	Balance	Percentage of Expenditures	Percentage of Expenditures
		Previous	Change +/-	Current	Previous	Current	Total				
						10/01-10/31/11					
<b>Neighborhood Fire Stations</b>											
7420A Neighborhood Fire Stations Program	\$1,015,669	\$1,015,669	\$0	\$1,015,669	\$1,015,669	\$0	\$1,015,669	\$0	\$0	100%	2%
7421A Fire Station No. 5	\$6,919,461	\$5,000	\$0	\$5,000			\$0	\$0	\$5,000	0%	0%
7422A Fire Station No. 22	\$5,360,492	\$5,000	\$0	\$5,000			\$0	\$0	\$5,000	0%	0%
7423A Fire Station No. 43	\$8,325,616	\$5,000	\$0	\$5,000			\$0	\$0	\$5,000	0%	0%
7424A Fire Boat/ Fire Station No. 35	\$19,526,085	\$5,000	\$0	\$5,000			\$0	\$0	\$5,000	0%	0%
7425A Medical/Equipment Logistics Ctr.	\$11,715,856	\$5,000	\$0	\$5,000			\$0	\$0	\$5,000	0%	0%
7426A Fire Station No. 2	\$3,703,576	\$5,000	\$0	\$5,000			\$0	\$0	\$5,000	0%	0%
7427A Fire Station No. 36	\$2,631,272	\$5,000	\$0	\$5,000			\$0	\$0	\$5,000	0%	0%
7428A Focused Scope Fire Stations	\$4,270,750	\$5,000	\$0	\$5,000			\$0	\$0	\$5,000	0%	0%
7430A Neighborhood Fire Stations	\$408,223	\$5,008,761	\$0	\$5,008,761	\$1,080,581	\$71,295	\$1,151,876	\$201,038	\$3,655,847	23%	2%
7431A ESER Fire Stations-Group 1 Roofing	\$123,000	\$1,062,968	\$0	\$1,062,968	\$20,482	\$187,255	\$207,737	\$693,365	\$161,866	20%	1%
<b>Sub-Total</b>	<b>\$64,000,000</b>	<b>\$7,127,398</b>	<b>\$0</b>	<b>\$7,127,398</b>	<b>\$2,116,731</b>	<b>\$258,550</b>	<b>\$2,375,281</b>	<b>\$894,403</b>	<b>\$3,857,714</b>	<b>33%</b>	<b>5%</b>

Neighborhood Fire Stations  
Job Order 7420A Pre-Bond Programming & Development (CESER1FS20)

Summary of City/DPW Labor Charges

Scope	Appropriation	Expenditures			Encumbrance	Balance	Percentage of Expenditures
		Previous	Current	Total			
			10/01-10/31/11				
<b>Building Design and Construction</b>							
Architectural Services	\$736,379	\$736,379	\$0	\$736,379	\$0	\$0	100%
Engineering Services	\$78,251	\$78,251	\$0	\$78,251	\$0	\$0	100%
Construction Management Services	\$4,512	\$4,512	\$0	\$4,512	\$0	\$0	100%
<b>Total City Labor Costs</b>	<b>\$819,143</b>	<b>\$819,143</b>	<b>\$0</b>	<b>\$819,143</b>	<b>\$0</b>	<b>\$0</b>	<b>100%</b>

Summary of Consultant & Services other City Agencies

Scope	Appropriation	Expenditures			Encumbrance	Balance	Percentage of Expenditures
		Previous	Current	Total			
			10/01-10/31/11				
Millennium - Haz Mat Surveys	\$27,341	\$27,341	\$0	\$27,341	\$0	\$0	100%
CM West - Cost Estimating	\$42,541	\$42,541	\$0	\$42,541	\$0	\$0	100%
SOHA Engineers - Structural Engineering Svcs.	\$126,644	\$126,644	\$0	\$126,644	\$0	\$0	100%
<b>Total Consultant Costs</b>	<b>\$196,526</b>	<b>\$196,526</b>	<b>\$0</b>	<b>\$196,526</b>	<b>\$0</b>	<b>\$0</b>	<b>100%</b>

<b>Neighborhood Fire Stations Total</b>	<b>\$1,015,669</b>	<b>\$1,015,669</b>	<b>\$0</b>	<b>\$1,015,669</b>	<b>\$0</b>	<b>\$0</b>	<b>100%</b>
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Neighborhood Fire Stations  
Job Order 7430A Programming & Development (CESER1FS30)

Summary of City/DPW Labor Charges

Scope	Appropriation			Expenditures			Encumbrance	Balance	Percentage of Expenditures
	Previous	Change +/-	Current	Previous	Current	Total			
					10/01-10/31/11				
<b>Building Design and Construction</b>									
Architectural Services	\$678,000	\$35,852	\$713,852	\$601,250	\$33,145	\$634,395	\$0	\$79,457	89%
Engineering Services	\$190,900	\$0	\$190,900	\$156,521	\$3,870	\$160,391	\$0	\$30,509	84%
Construction Management Services	\$1,500	\$0	\$1,500	\$1,418	\$0	\$1,418	\$0	\$82	95%
<b>City Labor Costs Total</b>	<b>\$870,400</b>	<b>\$35,852</b>	<b>\$906,252</b>	<b>\$759,189</b>	<b>\$37,015</b>	<b>\$796,204</b>	<b>\$0</b>	<b>\$110,048</b>	<b>88%</b>

Summary of Consultant & other City Services and Agencies

Scope	Appropriation			Expenditures			Encumbrance	Balance	Percentage of Expenditures
	Previous	Change +/-	Current	Previous	Current	Total			
					10/01-10/31/11				
SFFD Representative	\$215,087	\$207,561	\$422,648	\$193,195	\$17,494	\$210,689	\$0	\$211,959	50%
Planning Department	\$5,692	\$0	\$5,692	\$5,692		\$5,692		\$0	100%
CM West - Cost Estimating	\$20,362	\$0	\$20,362	\$0		\$0	\$20,362	\$0	0%
Paulett Taggert - Historic Preservation	\$103,100	\$0	\$103,100	\$18,429	\$932	\$19,361	\$83,739	(\$0)	19%
Hamilton + Aitken - Roofing/Water Proofing	\$140,595	\$0	\$140,595	\$82,075		\$82,075	\$58,520	\$0	58%
Creegan+D'Angelo - Programming	\$37,766	\$0	\$37,766	\$22,000	\$5,922	\$27,922	\$9,844	\$0	74%
Millennium - Haz Mat Surveys	\$21,719	\$0	\$21,719	\$0	\$9,932	\$9,932	\$11,787	\$0	46%
ESER PGRM JV - Construction Mgmt. Support Svcs.	\$600,000	\$0	\$600,000	\$0		\$0	\$0	\$600,000	0%
Misc. Charges	\$0	\$500	\$500	\$0		\$0	\$0	\$500	0%
Reserve	\$2,994,039	(\$243,913)	\$2,750,126	\$0		\$0	\$0	\$2,750,126	0%
<b>Consultant Costs Total</b>	<b>\$4,138,361</b>	<b>(\$35,852)</b>	<b>\$4,102,509</b>	<b>\$321,391</b>	<b>\$34,280</b>	<b>\$355,671</b>	<b>\$184,252</b>	<b>\$3,562,586</b>	<b>9%</b>

<b>Neighborhood Fire Stations Total</b>	<b>\$5,008,761</b>	<b>\$0</b>	<b>\$5,008,761</b>	<b>\$1,080,581</b>	<b>\$71,295</b>	<b>\$1,151,876</b>	<b>\$184,252</b>	<b>\$3,672,633</b>	<b>23%</b>
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Neighborhood Fire Stations  
Job Order 7431A ESER FIRE STATIONS-GROUP 1 ROOFING (CESERFS31)

Summary of City/DPW Labor Charges

Scope	Appropriation			Expenditures			Encumbrance	Balance	Percentage of Expenditures
	Previous	Change +/-	Current	Previous	Current	Total			
					10/01-10/31/11				
<b>Building Design and Construction</b>									
Architectural Services	\$203,662	\$0	\$203,662	\$17,392	\$40,878	\$58,270	\$0	\$145,392	29%
Engineering Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0%
Construction Management Services	\$8,237	\$0	\$8,237	\$0	\$0	\$0	\$0	\$8,237	0%
<b>City Labor Costs Total</b>	<b>\$211,899</b>	<b>\$0</b>	<b>\$211,899</b>	<b>\$17,392</b>	<b>\$40,878</b>	<b>\$58,270</b>	<b>\$0</b>	<b>\$153,629</b>	<b>27%</b>

Summary of Consultant & other City Services and Agencies

Scope	Appropriation			Expenditures			Encumbrance	Balance	Percentage of Expenditures
	Previous	Change +/-	Current	Previous	Current	Total			
					10/01-10/31/11				
40. Rodan FS#38	\$281,036	\$0	\$281,036		\$36,070	\$36,070	\$244,966	\$0	13%
41. Rodan FS#6	\$289,711	\$0	\$289,711		\$110,307	\$110,307	\$179,404	(\$0)	38%
42. Rodan FS#41	\$139,960	\$0	\$139,960			\$0	\$139,960	\$0	0%
43. Rodan FS#42	\$112,973	\$0	\$112,973			\$0	\$112,973	\$0	0%
<b>Rodan Total</b>	<b>\$823,680</b>	<b>\$0</b>	<b>\$823,680</b>	<b>\$0</b>	<b>\$146,377</b>	<b>\$146,377</b>	<b>\$677,303</b>	<b>(\$0)</b>	<b>0%</b>
50. Gordian Group FS#38	\$5,480	\$0	\$5,480			\$0	\$5,480	\$0	0%
51. Gordian Group FS#6	\$5,649	\$0	\$5,649			\$0	\$5,649	\$0	0%
52. Gordian Group FS#41	\$2,729	\$0	\$2,729			\$0	\$2,729	\$0	0%
53. Gordian Group FS 42	\$2,203	\$0	\$2,203			\$0	\$2,203	\$0	0%
<b>The Gordian Group Total</b>	<b>\$16,062</b>	<b>\$0</b>	<b>\$16,062</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$16,062</b>	<b>\$0</b>	<b>0%</b>
80. DBI	\$3,090	\$0	\$3,090	\$3,090		\$3,090		\$0	100%
81. OLSE	\$8,237	\$0	\$8,237			\$0		\$8,237	0%
<b>Other City Agencies</b>	<b>\$11,327</b>	<b>\$0</b>	<b>\$11,327</b>	<b>\$3,090</b>	<b>\$0</b>	<b>\$3,090</b>	<b>\$0</b>	<b>\$8,237</b>	<b>27%</b>

<b>ESER Fire Stations - Group 1 Roofing Total</b>	<b>\$1,062,968</b>	<b>\$0</b>	<b>\$1,062,968</b>	<b>\$20,482</b>	<b>\$187,255</b>	<b>\$207,737</b>	<b>\$693,365</b>	<b>\$161,866</b>	<b>20%</b>
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ID	Task Name	Duration	Start	Finish	Predecessors	Calendar																																																												
						11, '11	Sep 18, '11	Sep 25, '11	Oct 2, '11	Oct 9, '11	Oct 16, '11	Oct 23, '11	Oct 30, '11	Nov 6, '11	Nov 13, '11	Nov 20, '11	Nov 27, '11																																																	
						T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	Roof replacement Station 6	50 days	Mon 9/26/11	Fri 12/2/11																																																														
2	Roof replacement Station 38	45 days	Mon 10/3/11	Fri 12/2/11																																																														
3	Roof replacement Station 41	40 days	Mon 10/10/11	Fri 12/2/11																																																														
4	Roof replacement Station 42	38 days	Wed 10/12/11	Fri 12/2/11																																																														

Project: Roof Schedule Overview for M Date: Thu 11/3/11

Task Split Progress Milestone Summary Project Summary External Tasks External Milestone Deadline

## **PUBLIC UTILITIES COMMISSION AUXILIARY WATER SUPPLY SYSTEM (AWSS)**

**Project Description:** The AWSS delivers high-pressure water for fire suppression in several areas of the City. This program is intended to repair, replace, and extend system components to increase the likelihood of providing fire-fighting water following a major earthquake and during multiple-alarm fires from other causes.

### **Projects' Status:**

**AWSS Planning Support Services** – A project initiation meeting with consultant AECOM/AGS JV occurred October 14, during which presentations were made by representatives of the Fire Department, Public Works Department, Information Technology, City Distribution Division, Bureau of Environmental Management, and Engineering Management Bureau (EMB). Also presenting were retired Deputy Fire Chief Frank Blackburn and Professors Charles Scawthorn and Tom O'Rourke. A primary goal of the meeting was to communicate the numerous aspects of the AWSS to the consultant so they were properly oriented to the system's complexity. The consultant's draft project report is due by November 2012.

**Seawater Tunnels** – For Pumping Station 1 tunnel, a task-order proposal was solicited from a local contractor to remove sediments. Work commencement will be scheduled after acceptance of the proposal and approval of temporary encroachment permits, as equipment availability allows. For Pumping Station 2 tunnel, the city's Department of Public Works structural engineering group began design of a new manhole to be installed in the paved area north of the building. Upon completion of the design and approval by regulatory agencies, the manhole will be constructed and the sediments removed from the tunnel.

**Physical Plants** – Construction of a new 16" diameter supply pipe from the Summit Reservoir gravity discharge line to Twin Peaks Reservoir started October 24 and completion is expected in November. Cleaning operations at Twin Peaks Reservoir will be finished during the pending draining operation, which will also allow investigation of the reservoir by EMB structural engineers. Logistical and operational plans are being developed to enable draining of the reservoir, which is scheduled to start soon after completion of the aforementioned supply pipe construction. Geotechnical field work was completed at Ashbury Tank, Jones Street Tank, and Pumping Station 1. Geotechnical field work was partially completed at Twin Peaks Reservoir with the remainder scheduled for completion by November 4. A categorical exemption was issued for Pumping Station 2 geotechnical work, while a permit application with the Bay Conservation and Development Commission (BCDC) is being reviewed by that agency. A task order was established with Department of Public Works structural engineering group for the Pumping Station 2 seawater tunnel manhole (\$28,000).

**Cisterns** – Preliminary planning sessions involving mostly city staff were completed to evaluate 120 potential locations for the construction of new cisterns, of which 84 are still being considered. The location evaluations will be provided to AECOM/AGS for further investigation.

**Schedule:** The schedule is shown on page 24.

**Budget Status:** Expenditures increased by \$86,491 from \$326,540 to \$413,031.

For a detailed budget and expenditures, refer to the pages 23.

Job Order Number & Title	Total Project Budget	Appropriation			Expenditures			Encumbrance	Balance	Percentage of Expenditures	Percentage of Expenditures
		Previous	Change +/-	Current	Previous	Current	Total				
						10/01-10/31/11					
<b>Auxiliary Water Supply System (AWSS)</b>											
1390J AWSS Planning & Development	\$1,316,963	\$1,316,963	\$0	\$1,316,963	\$1,316,963	\$0	\$1,316,963	\$0	\$0	100%	1%
CUW AWS AW											
Jones Street Tank	\$6,413,878	\$493,362	\$0	\$493,362	\$31,455	\$11,689	\$43,144	\$0	\$450,218	0%	0%
Ashbury Heights Tank	\$5,821,830	\$274,099	\$0	\$274,099	\$18,561	\$8,150	\$26,711	\$0	\$247,388	10%	0%
Twin Peaks Reservoir	\$4,243,028	\$245,575	\$0	\$245,575	\$57,093	\$8,695	\$65,788	\$0	\$179,787	0%	0%
Pump Station No. 2	\$14,011,862	\$2,130,617	\$0	\$2,130,617	\$23,747	\$7,340	\$31,087	\$0	\$2,099,530	1%	0%
Pump Station No. 1	\$3,453,629	\$190,000	\$0	\$190,000	\$27,084	\$6,615	\$33,699	\$0	\$156,301	0%	0%
Cisterns Contract	\$35,523,033	\$546,312	\$0	\$546,312	\$37,017	\$8,437	\$45,454	\$0	\$500,858	8%	0%
Pipes and Tunnels	\$31,615,777	\$3,000,000	\$0	\$3,000,000	\$131,583	\$33,233	\$164,816	\$318,147	\$2,517,037	5%	0%
Pipe/Tunnel #1		\$200,000	\$0	\$200,000	\$0	\$2,332	\$2,332		\$197,668	1%	0%
<b>Sub-Total</b>	<b>\$102,400,000</b>	<b>\$8,396,928</b>	<b>\$0</b>	<b>\$8,396,928</b>	<b>\$1,643,503</b>	<b>\$86,491</b>	<b>\$1,729,994 (1)</b>	<b>\$318,147</b>	<b>\$6,348,787</b>	<b>21%</b>	<b>2%</b>

Auxiliary Water Supply System  
Job Order 1390J Programming & Development  
Summary of City/DPW Labor Charges

Scope	Appropriation	Expenditures			Encumbrance	Balance	Percentage of Expenditures
		Previous	Current	Total			
			10/01-10/31/11				
Bureau of Architecture	\$315,822	\$315,822		\$315,822	\$0	\$0	100%
Bureau of Engineering	\$161,098	\$161,098		\$161,098	\$0	\$0	100%
Bureau of Construction Management	\$19,004	\$19,004		\$19,004	\$0	\$0	100%
<b>Total City Labor Costs</b>	<b>\$495,924</b>	<b>\$495,924</b>	<b>\$0</b>	<b>\$495,924</b>	<b>\$0</b>	<b>\$0</b>	<b>100%</b>

Summary of Consultant & other City Services and Agencies

Scope	Appropriation	Expenditures			Encumbrance	Balance	Percentage of Expenditures
		Previous	Current	Total			
			10/01-10/31/11				
City Planning	\$180,547	\$180,547	\$0	\$180,547	\$0	\$0	100%
Metcalf & Eddy - Engineering Assessment	\$351,431	\$351,431	\$0	\$351,431	\$0	\$0	100%
AGS - Geotechnical Engineering	\$5,472	\$5,472	\$0	\$5,472	\$0	\$0	100%
CM West - Cost Estimating	\$90,068	\$90,068	\$0	\$90,068	\$0	\$0	100%
CM West - Cost Estimating	(\$42,541)	(\$42,541)	\$0	(\$42,541)	\$0	\$0	100%
Elite Reproduction	\$1,491	\$1,491	\$0	\$1,491	\$0	\$0	100%
SOHA Engineers - Structural Engineering	\$170,644	\$170,644	\$0	\$170,644	\$0	\$0	100%
SOHA Engineers - Structural Engineering	(\$126,644)	(\$126,644)	\$0	(\$126,644)	\$0	\$0	100%
Tetra Tech, Inc. - Environmental	\$190,219	\$190,219	\$0	\$190,219	\$0	\$0	100%
Advertising	\$352	\$352	\$0	\$352	\$0	\$0	100%
<b>Total Consultant Costs</b>	<b>\$821,039</b>	<b>\$821,039</b>	<b>\$0</b>	<b>\$821,039</b>	<b>\$0</b>	<b>\$0</b>	<b>100%</b>

<b>Auxiliary Water Supply System Total</b>	<b>\$1,316,963</b>	<b>\$1,316,963</b>	<b>\$0</b>	<b>\$1,316,963</b>	<b>\$0</b>	<b>\$0</b>	<b>100%</b>
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\*the negative amounts are the share cost of the neighborhood fire stations.

Auxiliary Water Supply System  
Project Structure CUW AWS AW

Scope	Appropriation	Expenditures			Encumbrance	Balance	Percentage of Expenditures
		Previous	Current	Total			
			10/01-10/31/11				
Jones Street Tank	\$493,362	\$31,455	\$11,689	\$43,144	\$49,413	\$400,805	9%
Ashbury Heights Tank	\$274,099	\$18,561	\$8,150	\$26,711	\$2,993	\$244,395	10%
Twin Peaks Reservoir	\$245,575	\$57,093	\$8,695	\$65,788	\$48,648	\$131,139	27%
Pump Station No. 2	\$2,130,617	\$23,747	\$7,340	\$31,087	\$2,993	\$2,096,537	1%
Pump Station No. 1	\$190,000	\$27,084	\$6,615	\$33,699	\$35,593	\$120,708	18%
Cisterns Contract	\$546,312	\$37,017	\$8,437	\$45,454	\$2,993	\$497,865	8%
Pipes and Tunnels	\$3,000,000	\$131,583	\$33,233	\$164,816	\$175,514	\$2,659,670	5%
Pipe Tunnel #1	\$200,000	\$0	\$2,332	\$2,332			1%
<b>Total Consultant Costs</b>	<b>\$7,079,965</b>	<b>\$326,540</b>	<b>\$86,491</b>	<b>\$413,031</b>	<b>\$318,147</b>	<b>\$6,151,119</b>	<b>6%</b>

# Auxiliary Water Supply System

Activity ID	Activity Name	At Completion Duration	Performance % Complete	Current Forecast Start	Current Forecast Finish	11	2012				2013				2014				2015				2016				2017				2018				2019			
						Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
<b>WTRL Water Local</b>						[Gantt bars for WTRL Water Local]																																
<b>AWSS Auxiliary Water Supply System</b>						[Gantt bars for AWSS Auxiliary Water Supply System]																																
<b>PhyPlan Physical Plants</b>						[Gantt bars for PhyPlan Physical Plants]																																
<b>CUWAWSAW01 Jones Street Tank</b>						[Gantt bars for CUWAWSAW01 Jones Street Tank]																																
CUWAWSAW01.PM	Project Management	1064d	13.09%	1-Apr-11 A	1-Jul-15	[Gantt bar for CUWAWSAW01.PM]																																
CUWAWSAW01.PL	Planning	122d	30%	1-Aug-11 A	27-Jan-12	[Gantt bar for CUWAWSAW01.PL]																																
CUWAWSAW01.ER	Environmental	270d	0%	1-Apr-11 A	27-Apr-12	[Gantt bar for CUWAWSAW01.ER]																																
CUWAWSAW01.DS	Design	269d	0%	30-Jan-12	25-Feb-13	[Gantt bar for CUWAWSAW01.DS]																																
CUWAWSAW01.BA	Bid & Award	129d	0%	26-Feb-13	27-Aug-13	[Gantt bar for CUWAWSAW01.BA]																																
CUWAWSAW01.CM	Construction Management	332d	0%	28-Aug-13	29-Dec-14	[Gantt bar for CUWAWSAW01.CM]																																
CUWAWSAW01.CN	Construction	332d	0%	28-Aug-13	29-Dec-14	[Gantt bar for CUWAWSAW01.CN]																																
CUWAWSAW01.CL1	Closeout	128d	0%	30-Dec-14	1-Jul-15	[Gantt bar for CUWAWSAW01.CL1]																																
<b>CUWAWSAW02 Ashbury Tank</b>						[Gantt bars for CUWAWSAW02 Ashbury Tank]																																
CUWAWSAW02.PM	Project Management	1146d	10.18%	1-Apr-11 A	28-Oct-15	[Gantt bar for CUWAWSAW02.PM]																																
CUWAWSAW02.PL	Planning	148d	10%	25-Jul-11 A	29-Feb-12	[Gantt bar for CUWAWSAW02.PL]																																
CUWAWSAW02.ER	Environmental	290d	0%	1-Apr-11 A	30-May-12	[Gantt bar for CUWAWSAW02.ER]																																
CUWAWSAW02.DS	Design	248d	0%	29-Feb-12	26-Feb-13	[Gantt bar for CUWAWSAW02.DS]																																
CUWAWSAW02.BA	Bid & Award	129d	0%	26-Feb-13	27-Aug-13	[Gantt bar for CUWAWSAW02.BA]																																
CUWAWSAW02.CM	Construction Management	321d	0%	15-Jan-14	27-Apr-15	[Gantt bar for CUWAWSAW02.CM]																																
CUWAWSAW02.CN	Construction	321d	0%	15-Jan-14	27-Apr-15	[Gantt bar for CUWAWSAW02.CN]																																
CUWAWSAW02.CL1	Closeout	128d	0%	28-Apr-15	28-Oct-15	[Gantt bar for CUWAWSAW02.CL1]																																
<b>CUWAWSAW03 Twin Peaks Reservoir</b>						[Gantt bars for CUWAWSAW03 Twin Peaks Reservoir]																																
CUWAWSAW03.PM	Project Management	1064d	11.39%	1-Apr-11 A	1-Jul-15	[Gantt bar for CUWAWSAW03.PM]																																
CUWAWSAW03.PL	Planning	165d	30%	1-Jun-11 A	30-Jan-12	[Gantt bar for CUWAWSAW03.PL]																																
CUWAWSAW03.ER	Environmental	270d	0%	1-Apr-11 A	30-Apr-12	[Gantt bar for CUWAWSAW03.ER]																																
CUWAWSAW03.DS	Design	268d	0%	30-Jan-12	25-Feb-13	[Gantt bar for CUWAWSAW03.DS]																																
CUWAWSAW03.BA	Bid & Award	128d	0%	26-Feb-13	27-Aug-13	[Gantt bar for CUWAWSAW03.BA]																																
CUWAWSAW03.CM	Construction Management	332d	0%	27-Aug-13	29-Dec-14	[Gantt bar for CUWAWSAW03.CM]																																
CUWAWSAW03.CN	Construction	332d	0%	27-Aug-13	29-Dec-14	[Gantt bar for CUWAWSAW03.CN]																																
CUWAWSAW03.CL1	Closeout	130d	0%	30-Dec-14	6-Jul-15	[Gantt bar for CUWAWSAW03.CL1]																																
<b>CUWAWSAW05 Pump Station # 1</b>						[Gantt bars for CUWAWSAW05 Pump Station # 1]																																
CUWAWSAW05.PM	Project Management	1013d	12.21%	1-Apr-11 A	20-Apr-15	[Gantt bar for CUWAWSAW05.PM]																																
CUWAWSAW05.PL	Planning	128d	30%	25-Jul-11 A	31-Jan-12	[Gantt bar for CUWAWSAW05.PL]																																
CUWAWSAW05.ER	Environmental	269d	0%	1-Apr-11 A	30-Apr-12	[Gantt bar for CUWAWSAW05.ER]																																
CUWAWSAW05.DS	Design	268d	0%	31-Jan-12	25-Feb-13	[Gantt bar for CUWAWSAW05.DS]																																
CUWAWSAW05.BA	Bid & Award	129d	0%	26-Feb-13	27-Aug-13	[Gantt bar for CUWAWSAW05.BA]																																
CUWAWSAW05.CM	Construction Management	282d	0%	28-Aug-13	14-Oct-14	[Gantt bar for CUWAWSAW05.CM]																																
CUWAWSAW05.CN	Construction	282d	0%	28-Aug-13	14-Oct-14	[Gantt bar for CUWAWSAW05.CN]																																
CUWAWSAW05.CL1	Closeout	127d	0%	15-Oct-14	20-Apr-15	[Gantt bar for CUWAWSAW05.CL1]																																
<b>CUWAWSAW04 Pump Station # 2</b>						[Gantt bars for CUWAWSAW04 Pump Station # 2]																																
CUWAWSAW04.PM	Project Management	1373d	8.5%	1-Apr-11 A	26-Sep-16	[Gantt bar for CUWAWSAW04.PM]																																
CUWAWSAW04.PL	Planning	295d	5%	25-Jul-11 A	25-Sep-12	[Gantt bar for CUWAWSAW04.PL]																																
CUWAWSAW04.ER	Environmental	705d	0%	1-Apr-11 A	28-Jan-14	[Gantt bar for CUWAWSAW04.ER]																																

- Remaining Level of Effort ◆ ◆ Milestone
- Actual Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ ◆ Baseline Milestone

**SFPUC Infrastructure**  
**Program Controls Bureau**





## City and County of San Francisco Office of the Controller

### Public Oversight and Financial Accountability Reviews and Cost of Issuance

**Status:** The Department of Public Works (DPW) has prepared four quarterly reports thus far and has presented in front of the City's Citizen General Obligation Bond Oversight Committee (CGOBOC) twice. A program web-site has been developed and these reports will be posted under program status. DPW is scheduled to present to the Committee on November 17.

**Budget:** Included in the \$412,300,000 ESER Bond Program is a \$6,900,000 budget for the public oversight and financial accountability reviews as well as the bond cost of issuance (COI). The budget is comprised as follows:

Public Safety Building	\$4,000,000
Neighborhood Fire Stations	\$1,100,000
Auxiliary Water Supply System (AWSS)	\$1,800,000
<b>Sub-Total</b>	<b>\$6,900,000</b>

There were no expenditures posted in this reporting period so the cost of issuance expenses expenditures remains at \$429,414.

As reported in FAMIS, other costs referred to as "Operating Transfer Outs" total \$5,118,923. This amount is reduced in this report by \$211,953 from \$5,118,923 to \$4,906,970 for the cost of issuance underwriter's discount. This amount added as a separate line item and in part with cost of issuance.

For a detailed budget and expenditures, refer to page 26.

Job Order Number & Title	Total Project Budget	Appropriation			Expenditures			Encumbrance	Balance	Percentage of Expenditures	Percentage of Expenditures
		Previous	Change +/-	Current	Previous	Current	Total				
						10/01-10/31/11					
<b>General Obligation Bond (GOB) Oversight/Accountability and Cost of Issuance and Associated Costs</b>											
Controller's Audit Fund	\$810,800	\$157,241	\$0	\$157,241	\$0		\$0	\$0	\$157,241	0%	0%
Citizens GOB Oversight Committee	\$405,400	\$79,520	\$0	\$79,520	\$0		\$0	\$0	\$79,520	0%	0%
Cost of Issuance	\$5,683,800	\$450,676	\$0	\$450,676	\$429,414		\$429,414	\$0	\$21,262	97%	11%
Underwriter's Discount		\$211,953	\$0	\$211,953	\$211,953		\$211,953 (2a)				
<b>Sub-Total</b>	<b>\$6,900,000</b>	<b>\$899,390</b>	<b>\$0</b>	<b>\$899,390</b>	<b>\$641,367</b>	<b>\$0</b>	<b>\$641,367</b>	<b>\$0</b>	<b>\$258,023</b>	<b>71%</b>	<b>9%</b>
<b>Total</b>	<b>\$412,300,000</b>	<b>\$79,519,993</b>	<b>\$0</b>	<b>\$79,519,993</b>	<b>\$15,207,897</b>	<b>\$1,856,588</b>	<b>\$17,064,485</b>	<b>\$13,323,579</b>	<b>\$49,131,930</b>	<b>21%</b>	<b>7%</b>
<b>Other Costs</b>											
Operating Transfer Outs (Deposit to Bond Subaccount)		\$4,906,970	\$0	\$4,906,970	\$4,906,970	\$0	\$4,906,970	\$0	(\$0)	100%	
<b>Sub-Total</b>	<b>\$0</b>	<b>\$4,906,970</b>	<b>\$0</b>	<b>\$4,906,970</b>	<b>\$4,906,970</b>	<b>\$0</b>	<b>\$4,906,970 (2b)</b>	<b>\$0</b>	<b>(\$0)</b>	<b>100%</b>	<b>100%</b>

## FUNDING

Based on the projected budgets and schedules, a plan has been developed into four sales. 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
<b>Total</b>	<b>239,000,000</b>	<b>64,000,000</b>	<b>102,400,000</b>	<b>405,400,000</b>	<b>810,800</b>	<b>6,089,200</b>	<b>6,900,000</b>	<b>412,300,000</b>

In December 2010, the City competitively sold \$79.52 million aggregate principal amount of general obligation bonds (Earthquake Safety and Emergency Response Bonds, 2010) (the "Bonds") to finance the construction, acquisition and improvements of facilities and infrastructure relating to Earthquake Safety and Emergency Response Program.

We have revised our request from \$198,024,702 to \$213,200,512 as follows:

Public Safety Building	Budget	First Bond	Second Bond	Total	Future Sales
Schematic/Pre-Design	6,875,129	6,880,000	(4,871)	6,875,129	-
Design	22,775,827	11,318,322	11,357,505	22,675,827	100,000
Construction Administration	14,415,929	1,058,462	10,774,202	11,832,664	2,583,265
Construction	194,933,115	47,339,500	138,494,137	185,833,637	9,099,478
<b>Public Safety Building</b>	<b>239,000,000</b>	<b>66,596,284</b>	<b>160,620,973</b>	<b>227,217,257</b>	<b>11,782,743</b>

Neighborhood Fire Stations	Budget	First Bond	Second Bond	Total	Future Sales
Schematic/Pre-Design	2,728,500	2,172,500	556,000	2,728,500	-
Design	6,970,500	1,454,897	2,616,605	4,071,502	2,898,998
Construction Admin	5,791,000		2,981,309	2,981,309	2,809,691
Construction	48,510,000		14,920,000	14,920,000	33,590,000
<b>Neighborhood Fire Stations</b>	<b>64,000,000</b>	<b>3,627,397</b>	<b>21,073,913</b>	<b>24,701,310</b>	<b>39,298,690</b>

Auxiliary Water Supply System	Budget	First Bond	Second Bond	Total	Future Sales
Schematic/Pre-Design	7,004,000	5,741,638	1,000,150	6,741,788	262,212
Design	12,012,000	2,655,291	5,125,933	7,781,224	4,230,776
Construction Admin	10,679,000		1,985,789	1,985,789	8,693,211
Construction	72,705,000		23,393,754	23,393,754	49,311,246
<b>Auxiliary Water Supply System</b>	<b>102,400,000</b>	<b>8,396,929</b>	<b>31,505,626</b>	<b>39,902,555</b>	<b>62,497,445</b>

<b>ESER Total</b>	<b>405,400,000</b>	<b>78,620,610</b>	<b>213,200,512</b>	<b>291,821,122</b>	<b>113,578,878</b>
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If our request is approved, the funding will be sufficient for all three components through June 30, 2013.

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## ATTACHMENT 1 – CONTACT INFORMATION

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**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>
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Gabriella Judd Cirelli	Project Manager	(415) 557-4707	(415) 279-4395	<a href="mailto:gabriella.cirelli@sfdpw.org">gabriella.cirelli@sfdpw.org</a>
Samuel Chui	Project Manager	(415) 558-4082	(415) 272-8293	<a href="mailto:samuel.chui@sfdpw.org">samuel.chui@sfdpw.org</a>
Marisa Fernandez	Financial Analyst	(415) 557-4653		<a href="mailto:marisa.fernandez@sfdpw.org">marisa.fernandez@sfdpw.org</a>

**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>
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