



# Earthquake Safety and Emergency Response Bond Program

Monthly Status Report  
February 2012

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 milestones include 60% Construction Document (CD) completion; and response to Department of Building Inspection (DBI) plan check comments on the Site Permit and Pile Permit Addendum (#1).

Construction Activities include installation of soil mix at ramp and cut-off wall; set-up of temporary utilities; clear and grub of the site; and completion of contractor's trailer set-up.

Cost validation and Quality Assurance/Quality Control (QA/QC) and approval processes were implemented in January for 30% Construction Documents, completed in mid-December.

### **Neighborhood Fire Stations**

SFFD evaluated project scope and program budget options prepared by DPW and approved on February 29, 2012 a final slate of Groups I, II and III projects to be completed as part of ESER 1. Direction was also provided for the preferred development of the Fire Boat Station and the Emergency Logistics Center (ELC.)

Design work on Groups I and II Focused Scope stations continues, and Fire Station 28 Roof Replacement was issued for bid on February 28, 2012. Bids are due on March 21, 2012.

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

AECOM/AGS JV continued work on the Planning Support Services project.

Work continued on a conceptual engineering report for Pumping Station 2. A conceptual engineering report was submitted for Ashbury Tank. Design began for Jones Street Tank, Pumping Station 1, and Twin Peaks Reservoir.

Design work began for candidate locations for new cisterns and repair of existing cisterns.

### **Budget and Expenditures**

The total allocation in City Job Order is \$58,588,383 which represents 14% of the budget. The expenditures increased by \$2,120,504 from \$21,808,298 to \$23,930,551 which represents 6% of the budget. The following is summary of the budget and expenditures:

Component	Budget	City Job Orders	Allocations/	Expenditures	Expenditures/
		Allocations	Budget		Budget
Public Safety Building	\$239,000,000	\$44,505,648	19%	\$16,754,363	7%
Neighborhood Fire Stations	\$64,000,000	\$4,786,417	7%	\$3,566,181	6%
Auxiliary Water Supply System (AWSS)	\$102,400,000	\$8,396,928	8%	\$2,967,709	3%
Oversight, Accountability & Cost of Issuance	\$6,900,000	\$899,390	13%	\$642,299	9%
<b>Total</b>	<b>\$412,300,000</b>	<b>\$58,588,383</b>	<b>14%</b>	<b>\$23,930,551</b>	<b>6%</b>
Plus funds allocated as Job Order Reserve		\$20,931,617			
<b>Total</b>		<b>\$79,520,000</b>			

For a detailed breakdown of the budget and expenditures refer to page 3.

Two Resolutions, Files 11-1344 and 11-1333, authorizing the sale and appropriation of \$192,000,000 respectively, were approved by the Mayor on February 2, 2012. The proceeds of the sale are expected in mid March. The breakdown of the proceeds is discussed in the Funding Section of this report.

Job Order Number & Title	Total Project Budget	Appropriation			Expenditures			Encumbrance	Balance	% Expenditures/ Appropriation	% Expenditures/ Budget
		Previous	Change +/-	Current	Previous	Current 02/01-02/29/12	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	\$62,546,284	\$0	\$62,546,284	\$14,651,652	\$1,552,711	\$16,204,363	\$24,913,917	\$21,428,004	26%	7%
<b>Sub-Total</b>	<b>\$239,000,000</b>	<b>\$63,096,284</b>	<b>\$0</b>	<b>\$63,096,284</b>	<b>\$15,201,652</b>	<b>\$1,552,711</b>	<b>\$16,754,363</b>	<b>\$24,913,917</b>	<b>\$21,428,004</b>	<b>27%</b>	<b>7%</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	\$21,906	\$0	\$21,906	\$44,792	\$1,847	\$46,639	\$0	(\$24,733)	213%	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	\$362,223	\$4,836,855	(\$226,000)	\$4,610,855	\$1,369,340	\$80,416	\$1,449,757	\$732,345	\$2,428,753	31%	2%
7431A ESER Fire Stations-Group 1 Roofing	\$123,000	\$1,062,968	\$226,000	\$1,288,968	\$906,669	\$73,137	\$979,806	\$36,505	\$272,658	76%	2%
7432A ESER Fire Stations-Group 1 & 2 Showers	\$46,000	\$155,000	\$0	\$155,000	\$64,307	\$10,004	\$74,311		\$80,689	48%	0%
<b>Sub-Total</b>	<b>\$64,000,000</b>	<b>\$7,127,398</b>	<b>\$0</b>	<b>\$7,127,398</b>	<b>\$3,400,777</b>	<b>\$165,404</b>	<b>\$3,566,181</b>	<b>\$768,850</b>	<b>\$2,792,367</b>	<b>50%</b>	<b>6%</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%
CUW AWS AW											0%
Jones Street Tank	\$6,413,878	\$493,362	\$0	\$493,362	\$168,548	\$44,756	\$213,304	\$0	\$280,058	0%	0%
Ashbury Heights Tank	\$5,821,830	\$274,099	(\$10,000)	\$264,099	\$98,636	\$20,011	\$118,647	\$0	\$145,452	45%	0%
Twin Peaks Reservoir	\$4,243,028	\$245,575	\$0	\$245,575	\$192,582	\$19,160	\$211,742	\$0	\$33,833	0%	0%
Pump Station No. 2	\$14,011,862	\$2,130,617	\$0	\$2,130,617	\$127,752	\$53,770	\$181,522	\$0	\$1,949,095	9%	0%
Pump Station No. 1	\$3,453,629	\$190,000	\$0	\$190,000	\$126,660	\$23,560	\$150,220	\$0	\$39,780	0%	0%
Cisterns Contract	\$35,523,033	\$546,312	\$0	\$546,312	\$82,150	\$22,606	\$104,756	\$0	\$441,556	19%	0%
Pipes and Tunnels	\$31,615,777	\$3,000,000	\$10,000	\$3,010,000	\$258,652	\$212,900	\$471,552	\$1,094,287	\$1,444,161	16%	0%
Pipe/Tunnel #1		\$200,000	\$0	\$200,000	\$191,627	\$7,376	\$199,003		\$997	100%	0%
<b>Sub-Total</b>	<b>\$102,400,000</b>	<b>\$8,396,928</b>	<b>\$0</b>	<b>\$8,396,928</b>	<b>\$2,563,570</b>	<b>\$404,139</b>	<b>\$2,967,709 (1)</b>	<b>\$1,094,287</b>	<b>\$4,334,932</b>	<b>35%</b>	<b>3%</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	\$430,346		\$430,346				
Underwriter's Discount		\$211,953	\$0	\$211,953	\$211,953		\$211,953 (2a)	\$0	\$20,330	97%	11%
<b>Sub-Total</b>	<b>\$6,900,000</b>	<b>\$899,390</b>	<b>\$0</b>	<b>\$899,390</b>	<b>\$642,299</b>	<b>\$0</b>	<b>\$642,299</b>	<b>\$0</b>	<b>\$257,091</b>	<b>71%</b>	<b>9%</b>
<b>Total</b>	<b>\$412,300,000</b>	<b>\$79,520,000</b>	<b>\$0</b>	<b>\$79,520,000</b>	<b>\$21,808,298</b>	<b>\$2,122,254</b>	<b>\$23,930,551</b>	<b>\$26,777,054</b>	<b>\$28,812,394</b>	<b>30%</b>	<b>6%</b>

Per FAMIS fiscal month 08 2012 (February 2012), the actual expenditures are \$34,155,066. The variances are as follows:

- (1) The transfer out to PUC AWSS is shown as actual (0935W OTO TO 5W-WATER DE )
    - (a) less \$1,316,936 for forecasted pre-bond expenditures not yet posted in FAMIS
    - (b) less \$1,650,746 for actuals per FAMIS Project structure CUW AWS AW
  - (2) The underwriters discount of \$211,953 was separated from the premium \$5,118,923 as follows:
    - (a) deducted underwriters discount \$211,953 from 0934G OTO TO 4D/GOB-GEN and added it to 07311 BOND ISSUANCE COST
  - (3) Labor costs not yet posted in FAMIS (FPS 02/20-02/29/12)
- Total** **\$8,396,928**  
**(\$1,316,963)**  
**(\$1,650,746)**  
**\$5,118,923**  
**(\$211,953)**  
**(\$111,679)**  
**\$34,155,066**

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## PROGRAM SUMMARY AND STATUS

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



View of East Façade along Third Street

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

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

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

**Project Status:**

Construction Activities in February:

- Install contractor jobsite trailer and exterior “safety” deck
- Clear, grub the site; remove and cap existing utilities
- Install Temporary utilities installation and connection
- Install soil mix at ramp and cut-off wall at Line 1
- Perform Soil sampling
- Encourage AT&T / Sewer installation along Mission Rock Street (by MBDG)

Cost validation and Quality Assurance/Quality Control (QA/QC) processes started upon 60% Construction Document publication on 2/17/12

Site permit issuance is anticipated in March 2012.

Materials Testing and Special Inspections Consultant was selected through a RFQ/P process for ESER Program Projects. Contract negotiation was completed in February and is anticipated to be finalized in March.

FF+E Asset Management Consultant is collaborating with DPW Building Design and Construction – Arch on developing the specification and procurement documentation for furniture, fixture, and equipments at the Public Safety Building project.

**Project Schedule:**

RFQ/RFP issuance, pre-qual and pre-bid meetings, RFQ application scoring, are occurring for various trade packages.

Trade Package Activities in February:

- RFQ Issuance: Concrete
- RFP Issuance: Structural Steel
- Bid Opening: Fire Suppression; Window-Washing Equipment;

Refer to Page 8 for a detailed schedule.

**Project 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 appropriation was reduced by \$3,500,000 from \$66,596,284 to \$63,096,284 and the funds were re-allocated under the Neighborhood Fire Stations Component. Once the proceeds of the Second Bond Sale are received, the \$3,500,000 will be re-allocated to the Public Safety Building. The remaining \$63,096,284 is sufficient to fund current contracts and future trade package buyouts.

**Current Expenditures:** The expenditures increased by \$1,552,711 from \$15,201,652 to \$16,754,363. The following is an account of the expenditures for this month:

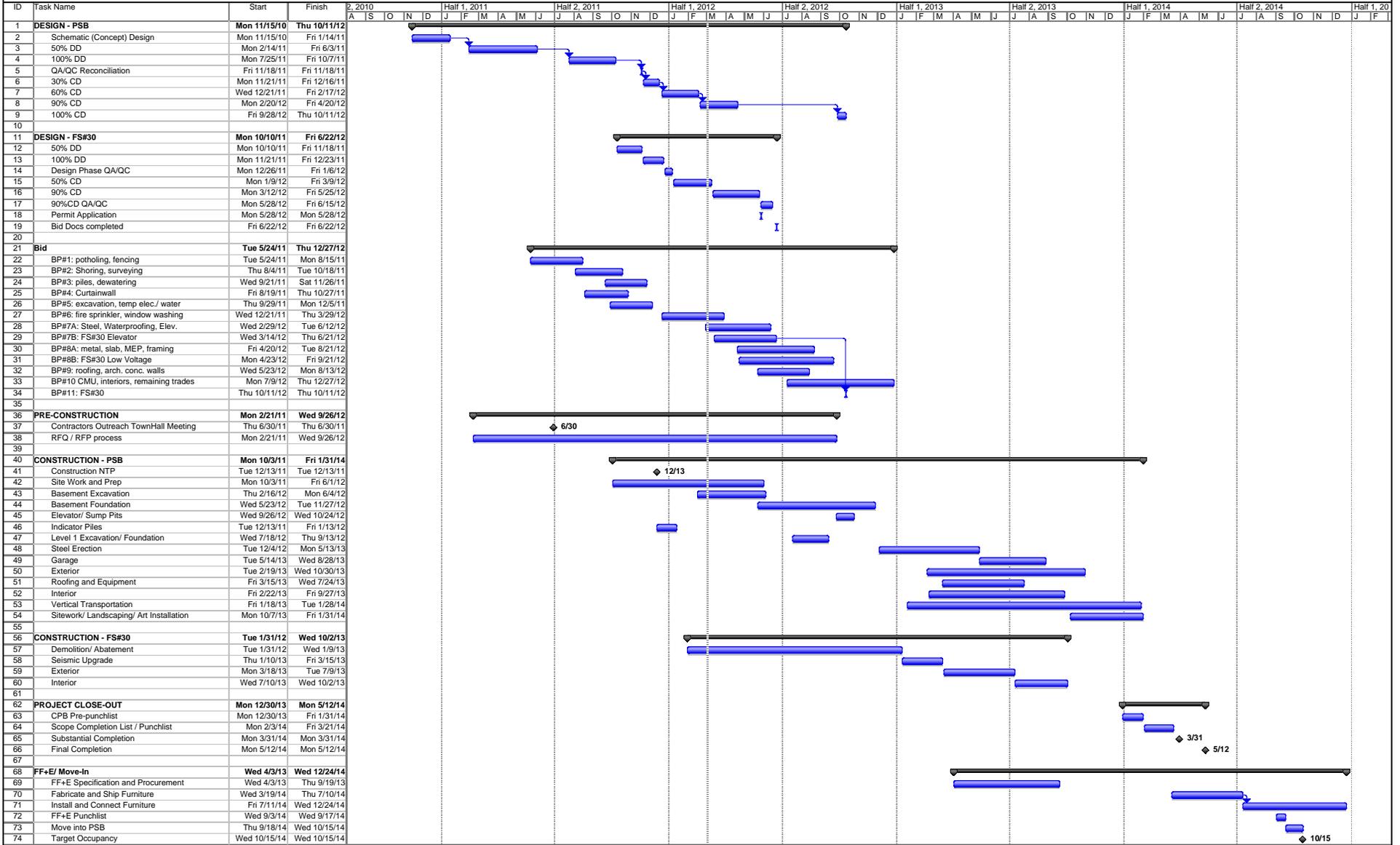
- \$258,973 for the Building Design and Construction Division for the following services:
  - \$253,669 for Architectural and Project Management Services:
    - \$194,584 for architectural design services of construction documents
    - \$289 for construction administration services
    - \$5,318 for FF&E project start-up services
    - \$52,935 for project management services
    - \$543 for disability access coordinator
  - \$3,730 for Engineering Services for as-needed contract administrative services.
- 433 for Reproduction Services
- \$262,032 for the Art Commission.
- \$389,335 for Pankow for Pre-construction Services and Construction Services provided in December. Please note that these expenditures, Pre-Construction and Construction Services, were separated during this reporting period. As a result, the pre-construction services show a credit of \$246,880 which is included the \$636,215 under construction services.
- \$
- \$700 for IT services to implement the Enterprise Project Management (EPM), a project management tool.
- \$11,053 for ENGEO Inc. for special testing services for the Indicator Piles.
- \$615,514 for HOK for services related to Construction Documents, Bid Phase and Additional Services provided in January.
- \$13,984 for GTC to provide geotechnical and environmental consulting services during January including project coordination and management, review of contractor submittals, attendance at project team meetings, preparation of asbestos/dust mitigation plan, full-time field observation and monitoring during indicator pile installation including vibration monitoring, recording of pile blow counts and pre-drilling, preparation of daily field reports, and preparation of a technical memorandum dated January 13, 2012 providing indicator pile driving results and pile design criteria for the production piles. \$93 for miscellaneous charges.
- \$594 for DBI for Pre-Application meeting with DBI and Fire Plan Review Staff

**Current Allocations:** The reserve increased by \$2,085,686 from \$16,504,950 to \$18,590,636 due to the following transactions:

- \$1,497,604 to BDC – Architectural Services as follows:
  - \$2,160 for Concept/Design Services increasing the budget from \$257,330 to \$259,490
  - \$238,928 for Design Development increasing the budget from \$571,840 to \$810,768
  - \$1,250,016 for Construction Documents Phase
  - \$6,500 for construction administration (P. Viri).
- \$1,050 for BDC – Engineering Services for As-needed consultant administrative services related to AGS contract service order.
- (\$3,614,832) The budget decreased to reflect current modified contract amount.

For a comparison of budget and expenditures related to these transactions, refer to the pages 11 and 12.

**PUBLIC SAFETY BUILDING**  
**Schedule Summary - February 2012**



Job Order Number & Title	Total Project Budget	Appropriation			Expenditures			Encumbrance	Balance	% Expenditures/ Appropriation	% Expenditures/ Budget
		Previous	Change +/-	Current	Previous	Current 02/01-02/29/12	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	\$62,546,284	\$0	\$62,546,284	\$14,651,652	\$1,552,711	\$16,204,363	\$24,913,917	\$21,428,004	26%	7%
<b>Sub-Total</b>	<b>\$239,000,000</b>	<b>\$63,096,284</b>	<b>\$0</b>	<b>\$63,096,284</b>	<b>\$15,201,652</b>	<b>\$1,552,711</b>	<b>\$16,754,363</b>	<b>\$24,913,917</b>	<b>\$21,428,004</b>	<b>27%</b>	<b>7%</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 02/01-02/29/12	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 02/01-02/29/12	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 02/01-02/29/12	Total			
<b>Building Design and Construction</b>									
Architectural Services	\$3,491,020	\$1,497,604	\$4,988,624	\$3,249,215	\$253,669	\$3,502,884	\$0	\$1,485,740	70.22%
Engineering Services	\$143,804	\$1,050	\$144,854	\$61,124	\$3,730	\$64,853	\$0	\$80,001	44.77%
Construction Management Services	\$29,709	\$20,000	\$49,709	\$26,259	\$1,574	\$27,833	\$0	\$21,876	55.99%
<b>Total</b>	<b>\$3,664,533</b>	<b>\$1,518,654</b>	<b>\$5,183,187</b>	<b>\$3,336,597</b>	<b>\$258,973</b>	<b>\$3,595,570</b>	<b>\$0</b>	<b>\$1,587,617</b>	<b>69.37%</b>

Summary of Consultants & other City Services and Agencies

Scope	Appropriation			Expenditures			Encumbrance	Balance	Percentage of Expenditures
	Previous	Change +/-	Current	Previous	Current 02/01-02/29/12	Total			
Elite Reprographics	\$31,795	\$0	\$31,795	\$2,765	\$433	\$3,198	\$29,459	(\$862)	10.06%
Bureau of Urban Forestry	\$9,803	\$0	\$9,803	\$12,566		\$12,566		(\$2,763)	128.19%
Bureau of Streets-use and Mapping	\$44,099	\$0	\$44,099	\$35,638		\$35,638	\$0	\$8,461	80.81%
Bureau of Building Repair	\$1,327	\$0	\$1,327	\$127		\$127			
Public Information	\$92,417	\$0	\$92,417	\$18,574		\$18,574	\$0	\$73,843	20.10%
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	\$60,000	\$0	\$60,000	\$39,780		\$39,780	\$20,220	\$0	66.30%
Capital Planning - Web Design Svcs	\$5,000	\$0	\$5,000	\$0		\$0	\$0	\$5,000	0.00%
Art Commission - Art Enrichment	\$1,578,305	\$0	\$1,578,305	\$358,435	\$262,032	\$620,467	\$54,050	\$903,788	39.31%
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	\$2,334		\$2,334	\$293,906	\$62,502	0.65%
PUC/PG&E - Temporary Power	\$100,022	\$0	\$100,022	\$100,022		\$100,022	\$0	\$0	100.00%
Treasurer -	\$224	\$0	\$224	\$79		\$79	\$0	\$145	35.27%
Pankow - Construction Manager/General Cor	\$0	\$16,171,436	\$16,171,436		\$636,215	\$636,215	\$15,535,220	\$1	3.93%
Bluewater - SFFD #30 Exploratory Holes	\$79,973	\$0	\$79,973	\$71,314		\$71,314	\$0	\$8,659	89.17%
EPM	\$7,500	\$0	\$7,500	\$2,206	\$700	\$2,906	\$4,616	(\$22)	38.75%
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	0.00%
Smith Emery, FS #30 Const. Materials Testing	\$11,910	\$0	\$11,910	\$0		\$0	\$11,910	\$0	0.00%
AGS Geotechnical Consultant	\$1	\$10,492	\$10,493	\$0		\$0	\$0	\$10,493	0.00%
ENGEO Inc.	\$20,125	\$0	\$20,125	\$1,649	\$11,053	\$12,702	\$7,423	\$0	63.12%
Kai-Yee Woo	\$94,800	\$0	\$94,800						
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	\$8,953,558	\$615,514	\$9,569,072	\$7,240,933	\$1	56.92%
GTC Geotechnical	\$717,319	\$0	\$717,319	\$360,980	\$13,984	\$374,964	\$342,355	\$0	52.27%

Firm - Scope	Appropriation			Expenditures			Encumbrance	Balance	Percentage of Expenditures
	Previous	Change +/-	Current	Previous	Current 02/01-02/29/12	Total			
Pankow - Construction Manager/General Contractor (CM/GC) Pre-Construction Svcs.	\$20,834,135	(\$19,786,268)	\$1,047,867	\$1,069,081	(\$246,880)	\$822,201	\$225,666	\$0	78.46%
Tetrattech - Environmental	\$48,730	\$0	\$48,730	\$43,793		\$43,793	\$4,776	\$161	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	\$18,675	\$0	\$18,675	\$15,300		\$15,300	\$0	\$3,375	81.93%
ReproMail - City Reproduction Svcs.	\$200	\$0	\$200	\$0		\$0	\$0	\$200	0.00%
BSM Non-Labor	\$1,144	\$0	\$1,144	\$1,144		\$1,144	\$0	\$0	100.00%
BBR Non-Labor	\$2,000	\$0	\$2,000	\$0		\$0		\$2,000	0.00%
BUF Non-Labor	\$2,700	\$0	\$2,700	\$3,286		\$3,286		(\$586)	121.70%
PG&E Quit Claim, Easement	\$1,000	\$0	\$1,000	\$1,000		\$1,000	\$0	\$0	100.00%
Storm Water Resources Control Board	\$466	\$0	\$466	\$466		\$466	\$0	\$0	100.00%
Miscellaneous Charges	\$5,000	\$0	\$5,000	\$3,651	\$93	\$3,744	\$0	\$1,256	74.88%
Coro - Interns	\$8,000	\$0	\$8,000	\$7,000		\$7,000	\$0	\$1,000	87.50%
Advertising - legal notices, i.e. RFP/Qs	\$5,000	\$0	\$5,000	\$2,501		\$2,501	\$0	\$2,499	50.01%
Green Building Certification Institue (LEED Certification Fees)	\$17,000	\$0	\$17,000	\$900		\$900	\$0	\$16,100	5.29%
DBI - Permits	\$1,342	\$0	\$1,342	\$594	\$594	\$1,188		\$154	88.52%
Reserve	\$16,504,950	\$2,085,686	\$18,590,636	\$0		\$0	\$0	\$18,590,636	0.00%
<b>Total</b>	<b>\$58,881,751</b>	<b>(\$1,518,654)</b>	<b>\$57,363,097</b>	<b>\$11,315,055</b>	<b>\$1,293,738</b>	<b>\$12,608,793</b>	<b>\$24,913,917</b>	<b>\$19,744,387</b>	<b>21.98%</b>
<b>Public Safety Building Total</b>	<b>\$62,546,284</b>	<b>\$0</b>	<b>\$62,546,284</b>	<b>\$14,651,652</b>	<b>\$1,552,711</b>	<b>\$16,204,363</b>	<b>\$24,913,917</b>	<b>\$21,332,004</b>	<b>25.91%</b>

## San Francisco Fire Department Neighborhood Fire Stations

**Project Description:** The ESER 1 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 preliminary list of projects to be completed by the ESER 1 bond was identified by DPW and the Fire Administration, and accepted by the Fire Commission at their meeting of September 23, 2010.

The ESER 1 bond program identified 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.

SFFD evaluated project scope and program budget options prepared by DPW and approved on February 29, 2012 a final slate of Groups I, II and III projects to be completed as part of ESER 1. Direction was also provided for the preferred development of the Fire Boat Station and the Emergency Logistics Center (ELC.)

**Project Status**

SFFD evaluated project scope and program budget options prepared by DPW and approved on February 29, 2012 a final slate of Groups I, II and III projects to be completed as part of ESER 1. Direction was also provided for the preferred development of the Fire Boat Station and the Emergency Logistics Center (ELC.) See summary table at the end of this section for project list and initial program budget. Next step will be to evaluate baseline schedule and baseline budgets for these projects.

Design work on Groups I and II Focused Scope stations continues and Fire Station 28 Roof Replacement project was issued for bid on February 28, 2012. Bids are due on March 21, 2012. Roof replacement projects for 10 additional Fire Stations will be bid in 3 packages of 3 stations, 3 stations and 4 stations, respectively, in late March 2012. Shower reconstruction at Stations 6, 15 and 38 was priced by the contractor and materials are in fabrication. Construction is scheduled to begin in April 2012.

Analysis of Group III stations was completed in February 2012. The final report for Station 9 presented results of structural analysis and reclassification of Station 9 from "high" seismic priority to "medium" seismic priority. Due to the soil liquefaction factor at this Station, SFFD has directed DPW to develop utility isolation where the main building services enter the building to allow for continued station operation in the event of a large earthquake.

The Station 16 Pre-Design report was completed, reviewed, and accepted by SFFD. It is anticipated that no further stations will be evaluated as part of ESER 1 work. SFFD confirmed that in lieu of Station 43 which was previously reclassified from "high" seismic priority to "low" seismic priority, ESER 1 work will demolish and rebuild Station 16. When the station is closed, Station 16 companies will be temporarily housed in the previously identified Focused Scope stations.

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 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. The Historic evaluation of Station 16 was completed in February 2012.

Meetings continued with SF Port and SFFD re: the Functional Program and Planning Options Analysis draft report for the Fire Boat Station #35. Additional meetings are scheduled in March 2012 regarding permitting requirements.

The cost estimate for the ELC program sited at the lot behind Station 9 was completed in February 2012. SFFD granted direction to proceed with alternative studies evaluating alternative sites for a more cost effective solution.

The following table shows the preliminary and approved program budget and the approved program scope as discussed above. In addition, it shows that an additional \$8.129 million will supplement the ESER1 budget for New Pier Fire Boat Headquarters and other scope of work not included in ESER1 such as the Fire Boat slab repair and the Fire Station No. 1 FF&E.

SCOPE OF WORK	PROGRAM BUDGET		FUNDING		
	Preliminary <sup>1</sup>	Approved by SFFD	ESER1 Bonds	Other Funds	Total
<b>PRELIMINARY SCOPE OF WORK</b>					
<b>Focused Scope</b>					
Group 1: Stations 6, 13, 28, 38, 41, 42					
Group 2: Stations 10 (Alt.), 15, 17, 18, 26 (Alt.), 32 (Alt.), 40, 44					
Group 2: Stations 2, 10, 15, 17, 18, 26, 31, 32, 40					
Station 44 (Closure)					
Generators Stations 12, 21					
<b>Focused Scope Total</b>	<b>4,100,000</b>	<b>15,370,000</b>	<b>15,370,000</b>		<b>15,370,000</b>
<b>Comprehensive</b>					
Station 2 (moved to Focused Scope)	4,000,000	0			
Station 31 (Alt.) (moved to Focused Scope)	0	0			
Station 36	3,000,000	4,100,000	4,100,000		4,100,000
<b>Seismic</b>					
Station 5 (New Station 2-story)	7,000,000	10,800,000	10,800,000		10,800,000
Station 22	5,000,000	0	0		0
Station 9 Utility Isolation	0	200,000	200,000		200,000
Station 16 (Seismic; New Station 2-story)	0	8,400,000	8,400,000		8,400,000
Station 43	9,000,000	0	0		0
<b>New Pier Fire Boat Headquarters</b>	<b>20,000,000</b>	<b>27,170,000</b>	<b>19,541,000</b>	<b>7,629,000</b>	<b>27,170,000</b>
<b>Equipment Logistics Center</b>	<b>13,000,000</b>	<b>2,589,000</b>	<b>2,589,000</b>		<b>2,589,000</b>
<b>Program Reserve</b>		<b>3,000,000</b>	<b>3,000,000</b>		<b>3,000,000</b>
<b>Cost of Finance, GOBOC, Audit</b>		<b>1,100,000</b>	<b>1,100,000</b>		<b>1,100,000</b>
<b>Fire Boat Slab Repair (Non-ESER1 related)</b>		<b>200,000</b>		<b>200,000</b>	<b>200,000</b>
<b>Fire Station 1 FF&amp;E (Non-ESER1 related)</b>		<b>300,000</b>		<b>300,000</b>	<b>300,000</b>
<b>ESER NFS PROGRAM BUDGET TOTAL</b>	<b>65,100,000</b>	<b>73,229,000<sup>2</sup></b>	<b>65,100,000</b>	<b>8,129,000</b>	<b>73,229,000</b>

<sup>1</sup>Based on condition assessment not project scope or SFFD approved scope.

<sup>2</sup>SFFD requested that \$8.129M remaining in previous Fire Facility Bond funds supplement ESER1 funds.

## Earthquake Safety and Emergency Response Bond Program

**Project Schedule:** SFFD evaluated project scope and program budget options prepared by DPW. On February 29, 2012, SFFD approved a final slate of Groups I, II and III projects to be completed as part of ESER 1. Next step will be development of the baseline project schedule, which will be published in subsequent reports. Fire Station #28 roof replacement project will be bid on March 21, 2012. For a copy of the Project Schedule, refer to page 19.

**Project 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 allocation 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, the funding will be returned to the Public Safety Building. As discussed above, an additional \$8,129,000 will supplement the ESER1 budget for the New Pier Fire Boat Headquarters and additional work not included as part of ESER1 scope or budget. Together, the total Program budget is \$73,229,000.

**Current Expenditures:** The expenditures increased by \$165,404 from \$3,400,777 to \$3,566,181. The \$165,404 was a combination of expenditures under separate job orders as follows:

7424A Fire Boat/ Fire Station No. 35	\$1,847
7430A Neighborhood Fire Stations	\$80,416
7431A ESER Fire Stations-Group 1 Roofing	\$73,137
7432A ESER Fire Stations-Group 1 & 2 Showers	\$10,004
<u>Total</u>	<u>\$165,404</u>

The following is an account of the expenditures per job order:

### **Job Order 7424A Fire Boat/Fire Station No. 35 (CESER1FS24)**

The expenditures increased by \$1,847 from \$44,792 to \$46,639 to make changes to a SF District map showing the location of neighborhood fire station projects and an abatement of labor charges from job order 7427A.

**Current Allocations:** The budget for BDC – Architecture increased by remained at \$21,906 to fund the evaluation of three development options to a programmatic level.

For a comparison of budget and expenditures related to the transactions under job order 7424A, refer to the page 22.

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

The expenditures increased by \$80,416, from \$1,369,340 to \$1,449,757 for the following services:

- \$56,661 for the Building Design and Construction as follows:
  - \$40,922 for Architectural Services:
    - \$11,724 for labor costs for pre-design services.

- \$29,198 for project management
- \$15,739 for Engineering Services, Environmental and Disability Access Coordinator as follows:
  - \$848 for electrical pre-design services
  - \$2,290 for mechanical pre-design
  - \$11,936 for structural pre-design services
  - \$665 for environmental services
- \$17,775 for labor costs for the SFFD Representative for charges incurred from pay period ending January 6 and 20.
- \$2,305 for Paulett Taggart for programming services.
- \$3,675 for Creegan+D'Angelo to provide design review during completion of design development of the fire station design guidelines and building standards. This is the final payment for this scope of service.

**Current Allocations:** The reserve decreased by \$226,000 from \$2,566,981 to \$2,340,981 accommodate the following transaction:

- \$225,000 was transferred to job order 7431A Group 1 Roofing to award of Fire Station 28 construction costs
- \$500 for City Repro for reproduction costs associated with contract preparation
- \$500 for Advertisement costs

For a comparison of budget and expenditures related to the transactions under job order 7430A, refer to the page 23.

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

The expenditures increased by \$73,137 from \$906,669 to \$979,806 to fund the following services:

- \$10,190 for Building Design and Construction for the following services:
  - \$1,079 job order contracting administration services
  - \$9,009 for architectural pre-design and construction administration services.
  - \$102 for review of prevailing wages
- \$62,947 for construction costs provide by Rodan as follows:
  - \$48,137 for Fire Station 41
  - \$14,810 for Fire Station 42

**Current Allocations:** The allocation increased by \$226,000 from \$1,062,968 to \$1,288,968 to accommodate the following transactions:

- \$225,000 to award upcoming Fire Station 28 construction costs
- \$500 for City Repro for reproduction costs associated with contract preparation
- \$500 for Advertisement costs

The funding was transferred from job order 7430A Programming and Development.

For a comparison of budget and expenditures related to the transactions under job order 7431A, refer to the page 24.

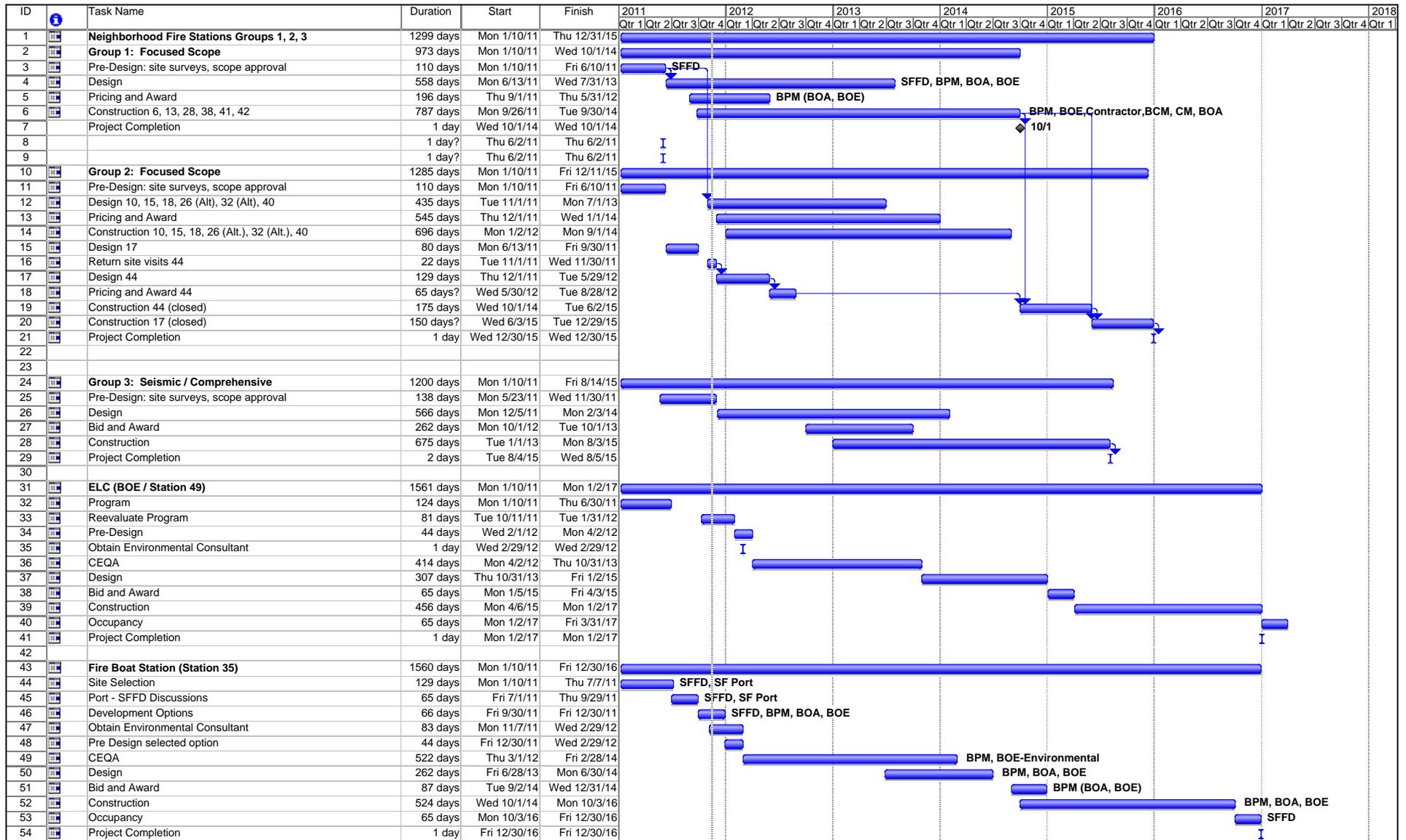
**Job Order 7432A ESER Fire Stations-Group 1 and 2 Showers (CESERFS32)**

The expenditures increased by \$10,004 from \$64,307 to \$74,311 to fund the following services:

- \$10,004 for Design and Bid Phase services

**Current Allocations:** The allocation remained at \$155,000.

For a comparison of budget and expenditures related to the transactions under job order 7432A, refer to the page 25.



Project: All NFS Summary Schedule M  
Date: Mon 11/14/11

Task Progress Summary External Tasks Deadline

Split Milestone Project Summary External Milestone

Page 1

Job Order Number & Title	Total Project Budget	Appropriation			Expenditures			Encumbrance	Balance	Percentage of Expenditures	Percentage of Expenditures
		Previous	Change +/-	Current	Previous	Current	Total				
						02/01-02/29/12					
<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	\$21,906	\$0	\$21,906	\$44,792	\$1,847	\$46,639	\$0	(\$24,733)	213%	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	\$362,223	\$4,836,855	(\$226,000)	\$4,610,855	\$1,369,340	\$80,416	\$1,449,757	\$732,345	\$2,428,753	31%	2%
7431A ESER Fire Stations-Group 1 Roofing	\$123,000	\$1,062,968	\$226,000	\$1,288,968	\$906,669	\$73,137	\$979,806	\$36,505	\$272,658	76%	2%
7432A ESER Fire Stations-Group 1 & 2 Showers	\$46,000	\$155,000	\$0	\$155,000	\$64,307	\$10,004	\$74,311		\$80,689	48%	0%
<b>Sub-Total</b>	<b>\$64,000,000</b>	<b>\$7,127,398</b>	<b>\$0</b>	<b>\$7,127,398</b>	<b>\$3,400,777</b>	<b>\$165,404</b>	<b>\$3,566,181</b>	<b>\$768,850</b>	<b>\$2,792,367</b>	<b>50%</b>	<b>6%</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			
			02/01-02/29/12				
<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			
			02/01-02/29/12				
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 7424A Fire Boat/ Fire Station No. 35 (CESER1FS24)

Summary of City/DPW Labor Charges

Scope	Appropriation			Expenditures			Encumbrance	Balance	Percentage of Expenditures
	Previous	Change +/-	Current	Previous	Current	Total			
					02/01-02/29/12				
<b>Building Design and Construction</b>									
Architectural Services	\$21,906	\$0	\$21,906	\$44,792	\$1,847	\$46,639	\$0	(\$24,733)	213%
Engineering Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	#DIV/0!
Construction Management Services		\$0		\$0	\$0	\$0	\$0	\$0	#DIV/0!
<b>City Labor Costs Total</b>	<b>\$21,906</b>	<b>\$0</b>	<b>\$21,906</b>	<b>\$44,792</b>	<b>\$1,847</b>	<b>\$46,639</b>	<b>\$0</b>	<b>(\$24,733)</b>	<b>213%</b>

Summary of Consultant & other City Services and Agencies

Scope	Appropriation			Expenditures			Encumbrance	Balance	Percentage of Expenditures
	Previous	Change +/-	Current	Previous	Current	Total			
					02/01-02/29/12				
<b>Consultant Costs Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>#DIV/0!</b>

<b>Fire Boat/ Fire Station No. 35 Total</b>	<b>\$21,906</b>	<b>\$0</b>	<b>\$21,906</b>	<b>\$44,792</b>	<b>\$1,847</b>	<b>\$46,639</b>	<b>\$0</b>	<b>(\$24,733)</b>	<b>213%</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			
					02/01-02/29/12				
<b>Building Design and Construction</b>									
Architectural Services	\$725,087	\$0	\$725,087	\$680,953	\$40,922	\$721,875	\$0	\$3,212	100%
Engineering Services	\$190,904	\$0	\$190,904	\$194,148	\$15,739	\$209,887	\$0	(\$18,983)	110%
Construction Management Services	\$1,500	\$0	\$1,500	\$1,418	\$0	\$1,418	\$0	\$82	95%
<b>Building Design and Constructions Total</b>	<b>\$917,491</b>	<b>\$0</b>	<b>\$917,491</b>	<b>\$876,519</b>	<b>\$56,661</b>	<b>\$933,181</b>	<b>\$0</b>	<b>(\$15,690)</b>	<b>102%</b>

Summary of Consultant & other City Services and Agencies

Scope	Appropriation			Expenditures			Encumbrance	Balance	Percentage of Expenditures
	Previous	Change +/-	Current	Previous	Current	Total			
					02/01-02/29/12				
SFFD Representative	\$422,648	\$0	\$422,648	\$301,912	\$17,775	\$319,687	\$0	\$102,961	76%
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 Taggart - Historic Preservation	\$103,100	\$0	\$103,100	\$22,212	\$2,305	\$24,517	\$78,583	\$0	24%
Hamilton + Aitken - Roofing/Water Proofing	\$140,595	\$0	\$140,595	\$118,982		\$118,982	\$21,613	\$0	85%
Creegan+D'Angelo - Programming	\$37,766	\$0	\$37,766	\$34,091	\$3,675	\$37,766	\$0	\$0	100%
Millennium - Haz Mat Surveys	\$21,719	\$0	\$21,719	\$9,932		\$9,932	\$11,787	\$0	46%
ESER PGRM JV - Construction Mgmt. Support Svcs.	\$600,000	\$0	\$600,000	\$0		\$0	\$600,000	\$0	0%
Misc. Charges	\$500	\$0	\$500	\$0		\$0	\$0	\$500	0%
Reserve	\$2,566,981	(\$226,000)	\$2,340,981	\$0		\$0	\$0	\$2,340,981	0%
<b>Consultant Costs Total</b>	<b>\$3,919,364</b>	<b>(\$226,000)</b>	<b>\$3,693,364</b>	<b>\$492,821</b>	<b>\$23,755</b>	<b>\$516,576</b>	<b>\$732,345</b>	<b>\$2,444,443</b>	<b>14%</b>

<b>Neighborhood Fire Stations Total</b>	<b>\$4,836,855</b>	<b>(\$226,000)</b>	<b>\$4,610,855</b>	<b>\$1,369,340</b>	<b>\$80,416</b>	<b>\$1,449,757</b>	<b>\$732,345</b>	<b>\$2,428,753</b>	<b>31%</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			
					02/01-02/29/12				
<b>Building Design and Construction</b>									
11. Architectural Services	\$203,662	\$0	\$203,662	\$177,975	\$10,088	\$188,063	\$0	\$15,599	92%
12. Engineering Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0%
13. Construction Management Services	\$8,237	\$0	\$8,237	\$1,376	\$102	\$1,478	\$0	\$6,759	18%
<b>City Labor Costs Total</b>	<b>\$211,899</b>	<b>\$0</b>	<b>\$211,899</b>	<b>\$179,351</b>	<b>\$10,190</b>	<b>\$189,540</b>	<b>\$0</b>	<b>\$22,359</b>	<b>89%</b>

Summary of Consultant & other City Services and Agencies

Scope	Appropriation			Expenditures			Encumbrance	Balance	Percentage of Expenditures
	Previous	Change +/-	Current	Previous	Current	Total			
					02/01-02/29/12				
40. Rodan FS#38	\$281,036	\$0	\$281,036	\$268,211		\$268,211	\$12,825	\$0	95%
41. Rodan FS#6	\$289,711	\$0	\$289,711	\$278,855		\$278,855	\$10,856	(\$0)	96%
42. Rodan FS#41	\$139,960	\$0	\$139,960	\$84,581	\$48,137	\$132,718	\$7,242	\$0	95%
43. Rodan FS#42	\$112,973	\$0	\$112,973	\$92,581	\$14,810	\$107,391	\$5,582	(\$0)	95%
<b>Rodan Total</b>	<b>\$823,680</b>	<b>\$0</b>	<b>\$823,680</b>	<b>\$724,228</b>	<b>\$62,947</b>	<b>\$787,175</b>	<b>\$36,505</b>	<b>\$0</b>	<b>0%</b>
44. FS#28	\$0	\$225,000	\$225,000	\$0	\$0	\$0	\$0	\$225,000	0%
<b>Rodan Total</b>	<b>\$0</b>	<b>\$225,000</b>	<b>\$225,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$225,000</b>	<b>0%</b>
50. Gordian Group FS#38	\$5,480	\$0	\$5,480			\$0		\$5,480	0%
51. Gordian Group FS#6	\$5,649	\$0	\$5,649			\$0		\$5,649	0%
52. Gordian Group FS#41	\$2,729	\$0	\$2,729			\$0		\$2,729	0%
53. Gordian Group FS 42	\$2,203	\$0	\$2,203			\$0		\$2,203	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>\$0</b>	<b>\$16,062</b>	<b>0%</b>
63. City Repro	\$0	\$500	\$500	\$0		\$0		\$500	0%
80. DBI	\$3,090	\$0	\$3,090	\$3,090		\$3,090		\$0	100%
81. OLSE	\$8,237	\$0	\$8,237			\$0		\$8,237	0%
82. Advertising	\$0	\$500	\$500			\$0		\$500	0%
<b>Other City Agencies</b>	<b>\$11,327</b>	<b>\$1,000</b>	<b>\$12,327</b>	<b>\$3,090</b>	<b>\$0</b>	<b>\$3,090</b>	<b>\$0</b>	<b>\$9,237</b>	<b>25%</b>

<b>ESER Fire Stations - Group 1 Roofing Total</b>	<b>\$1,062,968</b>	<b>\$226,000</b>	<b>\$1,288,968</b>	<b>\$906,669</b>	<b>\$73,137</b>	<b>\$979,806</b>	<b>\$36,505</b>	<b>\$272,658</b>	<b>76%</b>
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Neighborhood Fire Stations  
Job Order 7432A ESER FIRE STATIONS-GROUP 1 AND 2 SHOWERS (CESERFS32)

Summary of City/DPW Labor Charges

Scope	Appropriation			Expenditures			Encumbrance	Balance	Percentage of Expenditures
	Previous	Change +/-	Current	Previous	Current	Total			
					02/01-02/29/12				
<b>Building Design and Construction</b>									
Architectural Services	\$115,000	\$0	\$115,000	\$64,307	\$10,004	\$74,311	\$0	\$40,689	65%
Engineering Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0%
Construction Management Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	#DIV/0!
<b>City Labor Costs Total</b>	<b>\$115,000</b>	<b>\$0</b>	<b>\$115,000</b>	<b>\$64,307</b>	<b>\$10,004</b>	<b>\$74,311</b>	<b>\$0</b>	<b>\$40,689</b>	<b>65%</b>

Summary of Consultant & other City Services and Agencies

Scope	Appropriation			Expenditures			Encumbrance	Balance	Percentage of Expenditures
	Previous	Change +/-	Current	Previous	Current	Total			
					02/01-02/29/12				
BBR Labor	\$20,000	\$0	\$20,000			\$0		\$20,000	0%
BBR Non Labor	\$20,000	\$0	\$20,000			\$0		\$20,000	0%
	<b>\$40,000</b>	<b>\$0</b>	<b>\$40,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		<b>\$40,000</b>	<b>0%</b>

<b>ESER Fire Stations Group 1 and 2 Showers</b>	<b>\$155,000</b>	<b>\$0</b>	<b>\$155,000</b>	<b>\$64,307</b>	<b>\$10,004</b>	<b>\$74,311</b>	<b>\$0</b>	<b>\$80,689</b>	<b>48%</b>
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## **PUBLIC UTILITIES COMMISSION AUXILIARY WATER SUPPLY SYSTEM (AWSS)**

**Program 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** – AECOM/AGS JV continued work on the Planning Support Services project. Work primarily included collection of system information, assessment of existing conditions, and creation of system models. The consultant met with the Technical Advisory Panel on February 16. The consultant's draft project report is due by November 2012.

**Physical Plants** – Work continued on the conceptual engineering report for Pumping Station 2. A conceptual engineering report was submitted for Ashbury Tank. Design work began for Jones Street Tank, Pumping Station 1, and Twin Peaks Reservoir. The results of the conceptual engineering reports will be reviewed by the program's Technical Oversight and Steering Committees in March 2012.

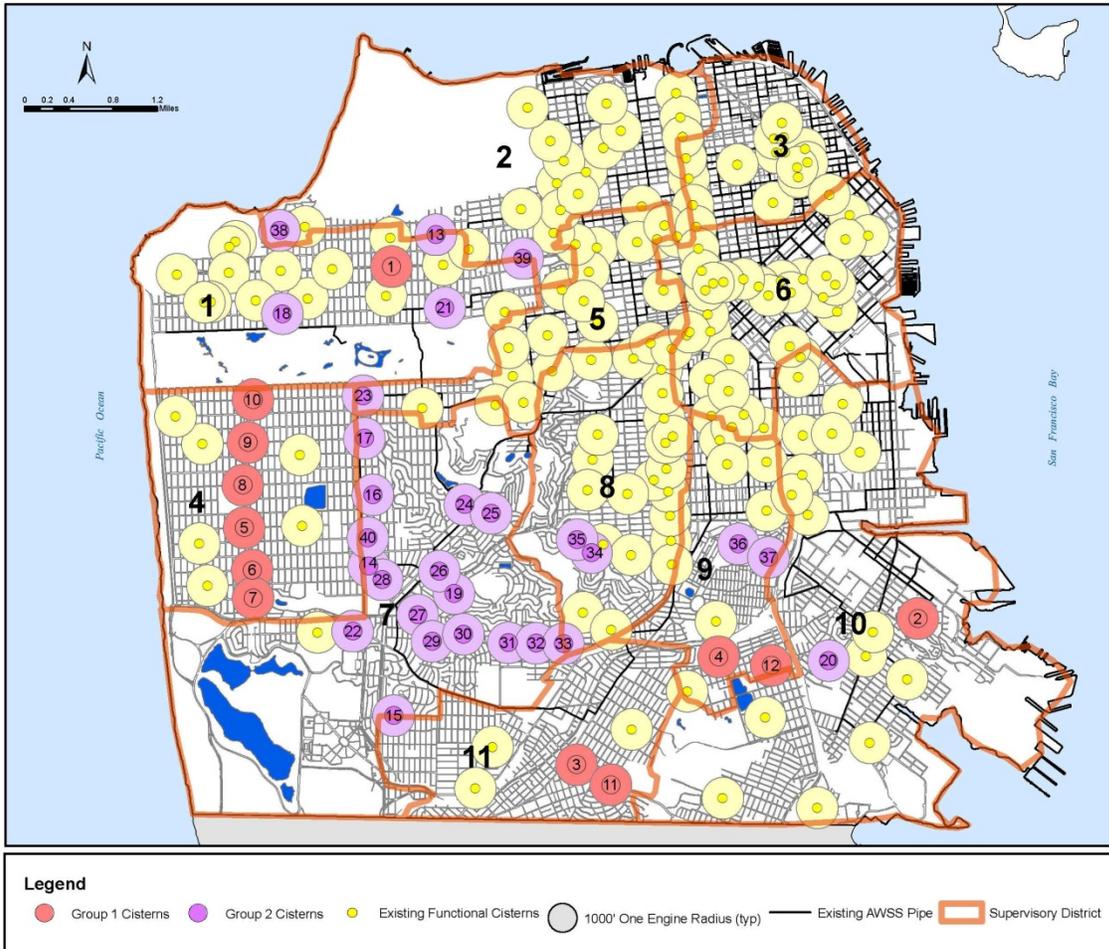
**Cisterns** – Design work began for candidate locations for new cisterns and repair of existing cisterns. Graphical displays of the candidate locations are shown on pages 26-27. AECOM/AGS JV will perform additional cistern evaluations as part of their planning work.

**Project Schedule:** Refer to pages 29 thru 31 for a detailed schedule.

**Project Budget Status:** Expenditures increased by \$404,139 from \$1,246,607 to \$1,650,746.

For a detailed budget and expenditures, refer to the pages 31 thru 33.

### 2010 ESER Bond New Cistern Candidates

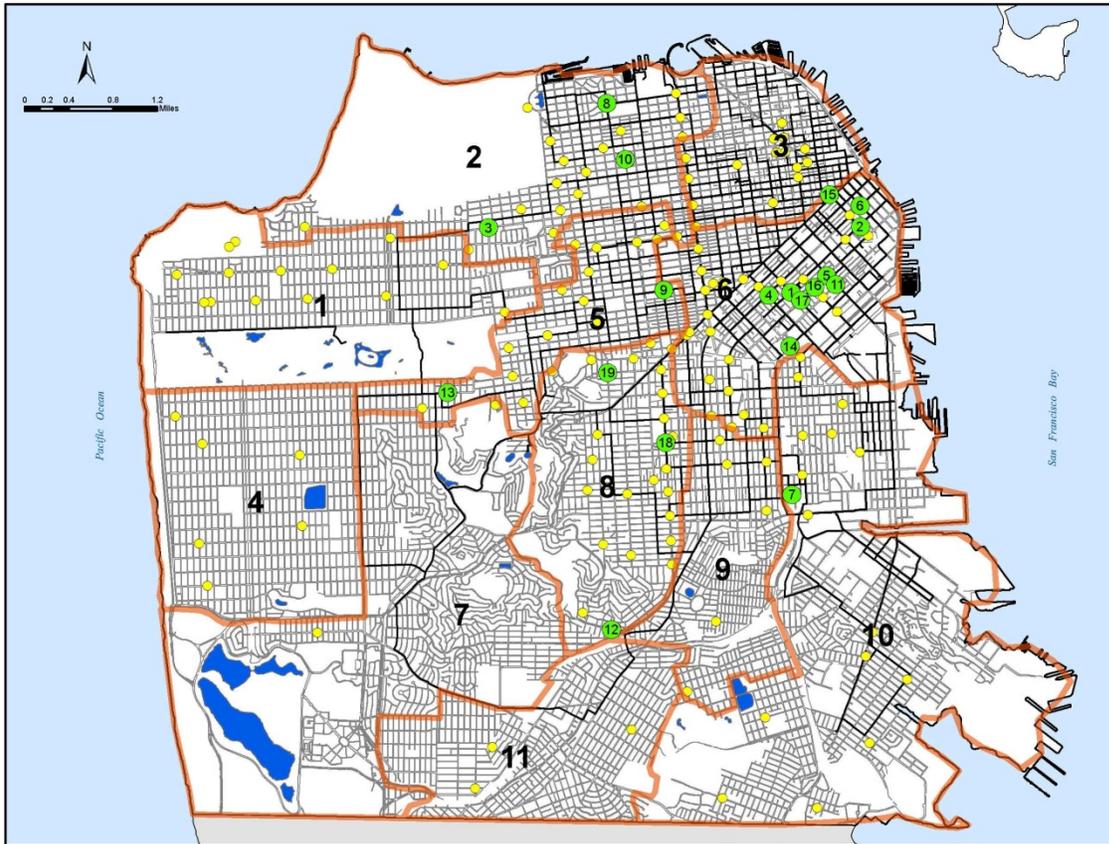


Group 1 Cisterns		Group 2 Cisterns			
ID #	Location	ID #	Location	ID #	Location
1	Funston Ave, Geary Blvd	13	6th Ave, California St	25	Laguna Honda Hosp-Rear Lot-Main Bldg
2	Cashmere St, Hudson Ave	14	18th Ave, Ulloa St	26	Dorchester Way, Ulloa St
3	Geneva Ave, Paris St	15	Byxbee St, Holloway Ave	27	Santa Clara Ave, St. Francis Blvd
4	Sweeny St, Princeton St	16	17th St, Pacheco St	28	16th Ave, Vicente St
5	37th Ave, Rivera St	17	18th Ave, Lawton St	29	Monterey Blvd, Westgate Dr
6	36th Ave, Ulloa St	18	30th Ave, Cabrillo St	30	Yerba Buena Ave, St. Elmo Way
7	36th Ave, Wawona St	19	Lansdale Ave, Casitas Ave	31	Monterey Blvd, Genessee St
8	37th Ave, Ortega St	20	Williams Ave, Venus St	32	Monterey Blvd, Edna St
9	36th Ave, Lawton St	21	5th Ave, Cabrillo St	33	Monterey Blvd, Congo St
10	35th Ave, Irving St	22	21st Ave, Ocean Ave	34	Diamond Heights Blvd, Gold Mine Dr
11	Geneva Ave, Moscow St	23	18th Ave, Irving St	35	Diamond Heights Blvd, Duncan St
12	Felton St, Goettingen St	24	Laguna Honda Hosp-Clarendon Hall Lot	36	Folsom St, Stoneman St
				37	Esmeralda Ave, Franconia St
				38	30th Ave, Lake St
				39	Geary Blvd, Collins St
				40	18th Ave, Santiago St



March 1, 2012

### 2010 ESER Bond Cistern Repair Candidates



#### Legend

- Repair Candidates
- Existing Functional Cisterns
- Existing AWSS Pipe
- Supervisory District

Repair Cistern Locations	
ID #	Location
1	6th St, Folsom St
2	1st St, Folsom St
3	California Ave, Commonwealth Ave
4	7th St, Howard St
5	Harrison Street, 4th St
6	Beale St, Howard St
7	San Bruno Ave, 25th St
8	Bay St, Fillmore St
9	Fulton St, Laguna St
10	Webster St, Vallejo
11	Bryant St, 4th St
12	Bosworth St, Diamond St
13	5th Ave, Irving St
14	8th St, Brannan St
15	Battery St, Bush St
16	5th St, Harrison St
17	6th St, Harrison St
18	Dolores St, 20th St
19	14th St, Castro St



March 1, 2012

# Auxiliary Water Supply System

Activity ID	Activity Name	At Completion Duration	Current Forecast Start	Current Forecast Finish	2011		2012				2013				2014				2015				2016				2017				2018				2019			
					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	Q1	Q2	Q3	Q4		
<b>WTRL Water Local</b>					[Gantt Chart: WTRL Water Local]																																	
<b>AWSS Auxiliary Water Supply System</b>					[Gantt Chart: AWSS Auxiliary Water Supply System]																																	
<b>PhyPlan Physical Plants</b>					[Gantt Chart: PhyPlan Physical Plants]																																	
<b>CUWAWSAW01 Jones Street Tank</b>					[Gantt Chart: CUWAWSAW01 Jones Street Tank]																																	
A9970	Project Start	0d	1-Apr-11 A		[Gantt Chart: A9970 Project Start]																																	
A9980	Project Finish	0d		1-Jul-15	[Gantt Chart: A9980 Project Finish]																																	
CUWAWSAW01.PM Project Management					[Gantt Chart: CUWAWSAW01.PM Project Management]																																	
CUWAWSAW01.PL Planning					[Gantt Chart: CUWAWSAW01.PL Planning]																																	
CUWAWSAW01.ER Environmental					[Gantt Chart: CUWAWSAW01.ER Environmental]																																	
CUWAWSAW01.DS Design					[Gantt Chart: CUWAWSAW01.DS Design]																																	
CUWAWSAW01.BA Bid & Award					[Gantt Chart: CUWAWSAW01.BA Bid & Award]																																	
CUWAWSAW01.CM Construction Management					[Gantt Chart: CUWAWSAW01.CM Construction Management]																																	
CUWAWSAW01.CN Construction					[Gantt Chart: CUWAWSAW01.CN Construction]																																	
CUWAWSAW01.CL1 Closeout					[Gantt Chart: CUWAWSAW01.CL1 Closeout]																																	
<b>CUWAWSAW02 Ashbury Heights Tank</b>					[Gantt Chart: CUWAWSAW02 Ashbury Heights Tank]																																	
A13740	Project Start	0d	1-Apr-11 A		[Gantt Chart: A13740 Project Start]																																	
A13750	Project Finish	0d		28-Oct-15	[Gantt Chart: A13750 Project Finish]																																	
CUWAWSAW02.PM Project Management					[Gantt Chart: CUWAWSAW02.PM Project Management]																																	
CUWAWSAW02.PL Planning					[Gantt Chart: CUWAWSAW02.PL Planning]																																	
CUWAWSAW02.ER Environmental					[Gantt Chart: CUWAWSAW02.ER Environmental]																																	
CUWAWSAW02.DS Design					[Gantt Chart: CUWAWSAW02.DS Design]																																	
CUWAWSAW02.BA Bid & Award					[Gantt Chart: CUWAWSAW02.BA Bid & Award]																																	
CUWAWSAW02.CM Construction Management					[Gantt Chart: CUWAWSAW02.CM Construction Management]																																	
CUWAWSAW02.CN Construction					[Gantt Chart: CUWAWSAW02.CN Construction]																																	
CUWAWSAW02.CL1 Closeout					[Gantt Chart: CUWAWSAW02.CL1 Closeout]																																	
<b>CUWAWSAW03 Twin Peaks Reservoir</b>					[Gantt Chart: CUWAWSAW03 Twin Peaks Reservoir]																																	
A9980	Project Start	0d	1-Apr-11 A		[Gantt Chart: A9980 Project Start]																																	
A9970	Project Finish	0d		1-Jul-15	[Gantt Chart: A9970 Project Finish]																																	
CUWAWSAW03.PM Project Management					[Gantt Chart: CUWAWSAW03.PM Project Management]																																	
CUWAWSAW03.PL Planning					[Gantt Chart: CUWAWSAW03.PL Planning]																																	
CUWAWSAW03.ER Environmental					[Gantt Chart: CUWAWSAW03.ER Environmental]																																	
CUWAWSAW03.DS Design					[Gantt Chart: CUWAWSAW03.DS Design]																																	
CUWAWSAW03.BA Bid & Award					[Gantt Chart: CUWAWSAW03.BA Bid & Award]																																	
CUWAWSAW03.CM Construction Management					[Gantt Chart: CUWAWSAW03.CM Construction Management]																																	
CUWAWSAW03.CN Construction					[Gantt Chart: CUWAWSAW03.CN Construction]																																	
CUWAWSAW03.CL1 Closeout					[Gantt Chart: CUWAWSAW03.CL1 Closeout]																																	
<b>CUWAWSAW05 Pump Station # 1</b>					[Gantt Chart: CUWAWSAW05 Pump Station # 1]																																	
A9980	Project Start	0d	1-Apr-11 A		[Gantt Chart: A9980 Project Start]																																	
A9990	Project Finish	0d		20-Apr-15	[Gantt Chart: A9990 Project Finish]																																	
CUWAWSAW05.PM Project Management					[Gantt Chart: CUWAWSAW05.PM Project Management]																																	
CUWAWSAW05.PL Planning					[Gantt Chart: CUWAWSAW05.PL Planning]																																	
CUWAWSAW05.ER Environmental					[Gantt Chart: CUWAWSAW05.ER Environmental]																																	
CUWAWSAW05.DS Design					[Gantt Chart: CUWAWSAW05.DS Design]																																	
CUWAWSAW05.BA Bid & Award					[Gantt Chart: CUWAWSAW05.BA Bid & Award]																																	
CUWAWSAW05.CM Construction Management					[Gantt Chart: CUWAWSAW05.CM Construction Management]																																	
CUWAWSAW05.CN Construction					[Gantt Chart: CUWAWSAW05.CN Construction]																																	
CUWAWSAW05.CL1 Closeout					[Gantt Chart: CUWAWSAW05.CL1 Closeout]																																	
<b>CUWAWSAW04 Pump Station # 2</b>					[Gantt Chart: CUWAWSAW04 Pump Station # 2]																																	
A10090	Project Start	0d	1-Apr-11 A		[Gantt Chart: A10090 Project Start]																																	
A10100	Project Finish	0d		26-Sep-16	[Gantt Chart: A10100 Project Finish]																																	
CUWAWSAW04.PM Project Management					[Gantt Chart: CUWAWSAW04.PM Project Management]																																	
CUWAWSAW04.PL Planning					[Gantt Chart: CUWAWSAW04.PL Planning]																																	
CUWAWSAW04.ER Environmental					[Gantt Chart: CUWAWSAW04.ER Environmental]																																	

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

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



# Auxiliary Water Supply System

Activity ID	Activity Name	At Completion Duration	Current Forecast Start	Current Forecast Finish	2011		2012				2013				2014				2015				2016				2017				2018				2019			
					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	Q1	Q2	Q3	Q4		
A9920	Project Start	0d	1-Apr-11 A		◆ Project Start																																	
A9930	Project Finish	0d		26-Jun-14																																		
CUWAWSAW06.PM	Project Management	811d	1-Apr-11 A	26-Jun-14																																		
CUWAWSAW06.PL	Planning	139d	8-Jul-11 A	30-Jan-12																																		
CUWAWSAW06.ER	Environmental	107d	30-Jan-12	28-Jun-12																																		
CUWAWSAW06.RW	Right of Way	107d	30-Jan-12	28-Jun-12																																		
CUWAWSAW06.DS	Design	107d	30-Jan-12	28-Jun-12																																		
CUWAWSAW06.BA	Bid & Award	126d	29-Jun-12	2-Jan-13																																		
CUWAWSAW06.CM	Construction Management	244d	3-Jan-13	23-Dec-13																																		
CUWAWSAW06.CN	Construction	244d	3-Jan-13	23-Dec-13																																		
CUWAWSAW06.CL1	Closeout	128d	24-Dec-13	26-Jun-14																																		
<b>CUWAWSAW07 Cisterns Construction # 2</b>					◆ Project Start																																	
A9930	Project Start	0d	30-Jan-12*		◆ Project Start																																	
A9940	Project Finish	0d		23-Feb-15	◆ Project Finish																																	
CUWAWSAW07.PM	Project Management	767d	30-Jan-12	23-Feb-15																																		
CUWAWSAW07.PL	Planning	0d	30-Jan-12	30-Jan-12																																		
CUWAWSAW07.ER	Environmental	190d	30-Jan-12	26-Oct-12																																		
CUWAWSAW07.RW	Right of Way	190d	30-Jan-12	26-Oct-12																																		
CUWAWSAW07.DS	Design	190d	30-Jan-12	26-Oct-12																																		
CUWAWSAW07.BA	Bid & Award	121d	29-Oct-12	24-Apr-13																																		
CUWAWSAW07.CM	Construction Management	328d	25-Apr-13	14-Aug-14																																		
CUWAWSAW07.CN	Construction	328d	25-Apr-13	14-Aug-14																																		
CUWAWSAW07.CL1	Closeout	128d	15-Aug-14	23-Feb-15																																		
<b>CUWAWSAW08 Cisterns Construction # 3</b>					◆ Project Start																																	
A9910	Project Start	0d	2-Apr-12*		◆ Project Start																																	
A9920	Project Finish	0d		12-Aug-16	◆ Project Finish																																	
CUWAWSAW08.PM	Project Management	1094d	2-Apr-12	12-Aug-16																																		
CUWAWSAW08.PL	Planning	0d	2-Apr-12	2-Apr-12																																		
CUWAWSAW08.ER	Environmental	512d	2-Apr-12	17-Apr-14																																		
CUWAWSAW08.RW	Right of Way	512d	2-Apr-12	17-Apr-14																																		
CUWAWSAW08.DS	Design	270d	26-Sep-12	24-Oct-13																																		
CUWAWSAW08.BA	Bid & Award	125d	18-Apr-14	15-Oct-14																																		
CUWAWSAW08.CM	Construction Management	329d	16-Oct-14	11-Feb-16																																		
CUWAWSAW08.CN	Construction	329d	16-Oct-14	11-Feb-16																																		
CUWAWSAW08.CL1	Closeout	128d	12-Feb-16	12-Aug-16																																		
<b>CUWAWSAW09 Cisterns Construction # 4</b>					◆ Project Start																																	
A9910	Project Start	0d	3-Apr-12*		◆ Project Start																																	
A9920	Project Finish	0d		19-Apr-17	◆ Project Finish																																	
CUWAWSAW09.PM	Project Management	1262d	3-Apr-12	19-Apr-17																																		
CUWAWSAW09.PL	Planning	0d	3-Apr-12	3-Apr-12																																		
CUWAWSAW09.ER	Environmental	511d	3-Apr-12	17-Apr-14																																		
CUWAWSAW09.RW	Right of Way	511d	3-Apr-12	17-Apr-14																																		
CUWAWSAW09.DS	Design	268d	25-Mar-13	17-Apr-14																																		
CUWAWSAW09.BA	Bid & Award	121d	16-Oct-14	13-Apr-15																																		
CUWAWSAW09.CM	Construction Management	377d	14-Apr-15	12-Oct-16																																		
CUWAWSAW09.CN	Construction	377d	14-Apr-15	12-Oct-16																																		
CUWAWSAW09.CL1	Closeout	128d	13-Oct-16	19-Apr-17																																		
<b>CUW-MileSton AWSS Program Milestones</b>					◆ Provide Bond Language																																	
A9780	Provide Bond Language	0d	1-Feb-13*		◆ Provide Bond Language																																	
A9790	ESER # 2 Bond Issue Elections	0d	5-Nov-13*		◆ ESER # 2 Bond Issue Elections																																	

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

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

Job Order Number & Title	Total Project Budget	Appropriation			Expenditures			Encumbrance	Balance	Percentage of Expenditures	Percentage of Expenditures
		Previous	Change +/-	Current	Previous	Current	Total				
						02/01-02/29/12					
<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											0%
Jones Street Tank	\$6,413,878	\$493,362	\$0	\$493,362	\$168,548	\$44,756	\$213,304	\$0	\$280,058	0%	0%
Ashbury Heights Tank	\$5,821,830	\$274,099	(\$10,000)	\$264,099	\$98,636	\$20,011	\$118,647	\$0	\$145,452	45%	0%
Twin Peaks Reservoir	\$4,243,028	\$245,575	\$0	\$245,575	\$192,582	\$19,160	\$211,742	\$0	\$33,833	0%	0%
Pump Station No. 2	\$14,011,862	\$2,130,617	\$0	\$2,130,617	\$127,752	\$53,770	\$181,522	\$0	\$1,949,095	9%	0%
Pump Station No. 1	\$3,453,629	\$190,000	\$0	\$190,000	\$126,660	\$23,560	\$150,220	\$0	\$39,780	0%	0%
Cisterns Contract	\$35,523,033	\$546,312	\$0	\$546,312	\$82,150	\$22,606	\$104,756	\$0	\$441,556	19%	0%
Pipes and Tunnels	\$31,615,777	\$3,000,000	\$10,000	\$3,010,000	\$258,652	\$212,900	\$471,552	\$1,094,287	\$1,444,161	16%	0%
Pipe/Tunnel #1		\$200,000	\$0	\$200,000	\$191,627	\$7,376	\$199,003		\$997	100%	0%
<b>Sub-Total</b>	<b>\$102,400,000</b>	<b>\$8,396,928</b>	<b>\$0</b>	<b>\$8,396,928</b>	<b>\$2,563,570</b>	<b>\$404,139</b>	<b>\$2,967,709 (1)</b>	<b>\$1,094,287</b>	<b>\$4,334,932</b>	<b>35%</b>	<b>3%</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			
			02/01-02/29/12				
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			
			02/01-02/29/12				
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			
			02/01-02/29/12				
Jones Street Tank	\$493,362	\$168,548	\$44,756	\$213,304	\$2,544	\$277,514	43%
Ashbury Heights Tank	\$264,099	\$98,636	\$20,011	\$118,647	\$31,845	\$113,607	45%
Twin Peaks Reservoir	\$245,575	\$192,582	\$19,160	\$211,742	\$14,588	\$19,245	86%
Pump Station No. 2	\$2,130,617	\$127,752	\$53,770	\$181,522	\$96,831	\$1,852,264	9%
Pump Station No. 1	\$190,000	\$126,660	\$23,560	\$150,220	\$5,989	\$33,791	79%
Cisterns Contract	\$546,312	\$82,150	\$22,606	\$104,756	\$187	\$441,369	19%
Pipes and Tunnels	\$3,010,000	\$258,652	\$212,900	\$471,552	\$942,303	\$1,596,145	16%
Pipe Tunnel #1	\$200,000	\$191,627	\$7,376	\$199,003		\$997	100%
<b>Total Consultant Costs</b>	<b>\$7,079,965</b>	<b>\$1,246,607</b>	<b>\$404,139</b>	<b>\$1,650,746</b>	<b>\$1,094,287</b>	<b>\$4,334,932</b>	<b>23%</b>

**Earthquake Safety and  
Emergency Response Bond Program**

**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>

The expenditures remained at \$430,346.

For a detailed budget and expenditures, refer to page 35.

Job Order Number & Title	Total Project Budget	Appropriation			Expenditures			Encumbrance	Balance	Percentage of Expenditures	Percentage of Expenditures
		Previous	Change +/-	Current	Previous	Current	Total				
						02/01-02/29/12					
<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	\$430,346		\$430,346	\$0	\$20,330	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>\$642,299</b>	<b>\$0</b>	<b>\$642,299</b>	<b>\$0</b>	<b>\$257,091</b>	<b>71%</b>	<b>9%</b>

**Earthquake Safety and  
Emergency Response Bond Program**

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**FUNDING**

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In December 2010, the City competitively sold \$79,520,000 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.

Two Resolutions, Files 11-1344 and 11-1333, authorizing the sale and appropriation of \$192,000,000 respectively, were approved by the Mayor on February 2, 2012. The proceeds of the sale are expected in mid March. The breakdown of the proceeds will be allocated as follows:

Component	Budget	First	Second	Total	Future
Public Safety Building	239,000,000	66,596,285	160,620,973	227,217,258	11,782,743
Neighborhood Fire Stations	64,000,000	3,627,397	21,073,913	24,701,310	39,298,690
Auxiliary Water Supply System	102,400,000	8,396,928	0	8,396,928	94,003,072
Oversight, Accountability and Cost of Issuance	6,900,000	899,390	1,750,114	2,649,504	4,250,496
<b>Total</b>	<b>412,300,000</b>	<b>79,520,000</b>	<b>183,445,000</b>	<b>262,965,000</b>	<b>149,335,000</b>
<b>Reserve Pending Bond Sale</b>			<b>8,555,000</b>		
<b>Total Second Bond Sale Request</b>			<b>192,000,000</b>		

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## ATTACHMENT 1 – CONTACT INFORMATION

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