

Earthquake Safety and Emergency Response Bond Program



Presentation to the
**Citizens' General
Obligation Bond
Oversight
Committee**

March 26, 2015

General Obligation Bond Programs

- ESER 2010 and ESER 2014 Financial Status
- Auxiliary Water Supply System
- Police Department
 - Public Safety Building
 - Traffic Company / Forensic Services Division
 - Police Facilities Improvements
- Fire Department
- Medical Examiner



ESER 2010: Financial Status

ESER 2010 Components	Budget	Appropriation	Appropriation/ Budget	Encumbrance	Expenditures	Balance	Encumbrance+ Expenditures / Appropriation	Encumbrance+ Expenditures / Budget
Public Safety Building	239,000,000	239,000,000	100%	11,281,705	220,940,153	6,778,142	97%	97%
Neighborhood Fire Stations (NFS)	64,000,000	42,114,353	66%	1,748,119	26,209,617	14,156,618	66%	44%
Auxiliary Water Supply System (AWSS)	102,400,000	102,400,000	100%	19,406,567	34,801,263	48,192,170	53%	53%
Oversight, Accountability & Cost of Issuance	6,900,000	3,368,589	49%	609,107	1,688,988	1,070,494	68%	33%
Total (CESER1)	412,300,000	386,882,942	94%	33,045,498	283,640,021	70,197,423	82%	77%
Fire Facility Bond Funds								
7424A Fire Boat/ Fire Station No. 35	7,192,000	7,151,723	99%	0	0	0	0%	0%
7433A Fire Boat/Fire Station No. 35 Slab Repair (CFCBLDFD33/3CFPSLOC)	358,000	398,300	111%	0	392,321	0	98%	110%
7433A Fire Boat/Fire Station No. 35 Slab Repair (CFC918 000298)	38,696	38,696	100%	0	0	1	0%	0%
7444A FF&E Fire Station #1 (CFCBLDFD44/3CFPSLOC)	722,000	721,977	100%	0	603,508	0	84%	84%
Total (CFCBLDFD)	8,310,696	8,310,696	100%	\$0	995,829	1	12%	12%
Public Safety Building FF&E								
7410A Public Safety Building	5,721,909	5,721,909	100%	2,411,328	1,209,215	2,101,366	63%	63%
Total (1GAGFACP)	5,721,909	5,721,909	100%	2,411,328	1,209,215	2,101,366	63%	63%
Combined Total (ESER2010+Fire Facility Funds+7410A FF&E)	426,332,605	400,915,547	94%	35,456,826	285,845,065	72,298,790	80%	75%

Sources of funds managed under this Program include:

ESER 2010 Bond Program – The budget is \$412.3M with an authorized appropriation of \$386.882M (the sum of five bond sale proceeds). As of the of December, the combined encumbrance and expenditure represent 82% of the appropriation and 77% of the budget.

Fire Facility Bond Funds – The budget is \$8.310M as approved in FY 12/13 AAO 164-12. The combined encumbrance and expenditures represent 12% of the appropriation and of the budget.

Public Safety Building & Fire Station 4 FF&E – San Francisco Public Works has received \$5.721M from the City's general fund to manage and procure the furniture, fixtures and equipment (FF&E) for the Public Safety Building and Station No. 4, as the FF&E is not a bond eligible expense. The combined encumbrance and expenditures represent 80% of the appropriation and 75% of the budget.



ESER 2010: Financial Status

Job Order Number & Title	Approved Budget 3/29/2013	Appropriation			Expenditures			Encumbrance	Balance	% Expenditures/ Appropriation	% Expenditures/ Budget
		Previous	Change +/-	Current	Previous	Current 12/01-12/31/14	Total				
Public Safety Building											
7400A Public Safety Planning (included in 7410A)	550,000	550,000	0	550,000	550,000	0	550,000	0	0	100%	100%
7410A Public Safety Building	238,450,000	238,450,000	0	238,450,000	215,927,218	4,462,935	220,390,153	11,281,705	6,778,140	92%	92%
Public Safety Building Total	239,000,000	239,000,000	0	239,000,000	216,477,218	4,462,935	220,940,153	11,281,705	6,778,140	92%	92%
Neighborhood Fire Stations (NFS)											
Focused Scope Projects											
7431A Roofing	5,109,248	4,650,714	0	4,650,714	4,545,621	59,279	4,604,900	31,584	14,230	99%	90%
7432A Showers	1,472,582	1,130,953	(0)	1,130,953	493,285	115,072	608,357	447,635	74,961	54%	41%
7434A Window Repair	1,211,563	280,303	0	280,303	263,230	441	263,671	0	16,631	94%	22%
7435A Mechanical Repairs	724,161	614,715	0	614,715	584,936	0	584,936	51	29,728	95%	81%
7436A Exterior Envelope	1,500,009	2,240,351	187,074	2,427,425	2,039,646	8,168	2,047,814	51,949	327,662	84%	137%
7437A Generators	2,076,589	1,615,301	13,583	1,628,884	1,414,674	247	1,414,921	66,559	147,404	87%	68%
7439A Focused Scope Misc.	124,424	124,186	0	124,186	124,186	0	124,186	0	0	100%	100%
Focused Scope Projects Total	12,218,577	10,656,523	200,657	10,857,180	9,465,578	183,207	9,648,785	597,778	610,617	89%	79%
Comprehensive											
7427A Fire Station No. 36	4,798,218	5,302,366	5,644	5,308,010	4,968,297	18,780	4,987,077	119,114	201,819	94%	104%
7438A Station #44	1,567,265	1,385,999	0	1,385,999	1,380,972	(2)	1,380,970	0	5,029	100%	88%
Comprehensive Total	6,365,483	6,688,364	5,644	6,694,008	6,349,269	18,778	6,368,046	119,114	206,848	95%	100%
Seismic											
7440A Fire Station No. 5	13,838,757	1,233,641	30,938	1,264,579	883,523	59,048	942,571	415,841	(93,833)	75%	7%
7441A Fire Station No. 9 Utility Isolation	200,000	200,000	0	200,000	0	0	0	0	200,000	0%	0%
7442A Fire Station No. 16	8,841,656	1,981,618	0	1,981,618	1,622,632	41,052	1,663,684	122,019	195,914	84%	19%
7424A Fire Boat/ Fire Station No. 35	9,993,136	726,450	0	726,450	100,338	1,358	101,697	0	624,753	14%	1%
7425A Medical/Equipment Logistics Ctr.	589,000	17,680	0	17,680	8,179	0	8,179	0	9,501	46%	1%
Seismic Total	33,462,549	4,159,389	30,938	4,190,327	2,614,673	101,458	2,716,131	537,860	936,336	65%	8%
Soft Costs											
7420A NFS (Pre-Bond)	1,015,669	1,015,669	0	1,015,669	1,015,669	0	1,015,669	0	0	100%	100%
7429A ESER NFS Team Building		16,000	0	16,000	82,041	3,790	85,831	0	(69,831)	536%	0%
7430A Neighborhood Fire Stations	10,202,040	6,978,519	0	6,978,519	6,188,523	186,631	6,375,154	493,367	109,997	91%	62%
Component Reserve	735,682	0	0	0	0	0	0	0	0	-	0%
Soft Costs Total	11,953,391	8,010,188	0	8,010,188	7,286,233	190,422	7,476,654	493,367	40,166	93%	63%
7445A NFS Proceeds of Bond Sales		12,599,889	(237,238)	12,362,651	0	0	0	0	12,362,651	-	-
Neighborhood Fire Stations Total	64,000,000	42,114,353	0	42,114,353	25,715,752	493,865	26,209,617	1,748,119	14,156,618	62%	41%

ESER 2010: Financial Status

Job Order Number & Title	Total Project Budget	Appropriation			Expenditures			Encumbrance	Balance	% Expenditures/ Appropriation	% Expenditures/ Budget
		Previous	Change +/-	Current	Previous	Current 12/01-12/31/14	Total				
Auxiliary Water Supply System (AWSS)											
1390J AWSS Planning & Development	1,316,963	1,367,948	0	1,367,948	1,316,992	0	1,316,992	0	50,956	96%	100%
CUW AWS AW											
01. Jones Street Tank	8,091,500	6,614,097	0	6,614,097	1,924,690	20,723	1,945,413	4,126,266	542,418	29%	24%
02. Ashbury Heights Tank	5,481,791	4,924,209	0	4,924,209	4,368,116	52,083	4,420,199	469,395	34,615	90%	81%
03. Twin Peaks Reservoir	2,905,451	3,388,835	0	3,388,835	1,464,738	547,933	2,012,671	628,142	748,022	59%	69%
04. Pump Station No. 2	14,011,862	15,403,940	0	15,403,940	2,951,135	59,212	3,010,347	125,352	12,268,241	20%	21%
05. Pump Station No. 1	10,453,628	12,149,882	0	12,149,882	2,345,726	18,229	2,363,955	8,765,629	1,020,298	19%	23%
06. Cisterns Contract No. 1	508,350	508,057	0	508,057	508,057	0	508,057	0	0	100%	100%
07. Cisterns Contract No. 2	34,538,945	30,037,774	60,488	30,098,262	12,874,827	1,308,293	14,183,120	4,525,859	11,389,283	47%	41%
08. Cisterns Contract No. 3	51,047	51,047	0	51,047	50,718	0	50,718	0	329	99%	99%
09. Cisterns Contract No. 4	124,402	124,191	0	124,191	124,191	0	124,191	0	0	100%	100%
10. Pipes and Tunnels AWSS Modernization Study	3,000,000	2,885,150	0	2,885,150	2,737,698	0	2,737,698	28,929	118,523	95%	91%
11. Pipe/Tunnel #1	921,175	418,652	0	418,652	396,046	749	396,795	55	21,802	95%	43%
12. 4TH Street Pipeline	1,470,000	479,000	0	479,000	111,371	14,136	125,507	169,005	184,488	26%	9%
13. Controls - Pipeline	2,320,000	224,666	0	224,666	87,831	3,914	91,745	280	132,641	41%	4%
14. Gate Valve Motors	1,150,000	390,200	0	390,200	182,952	13,978	196,930	928	192,342	50%	17%
15. Jones Street Valve	2,530,000	945,000	0	945,000	199,392	1,194	200,586	347	744,067	21%	8%
16. Manifolds - Pipeline	1,640,000	160,000	0	160,000	33,377	0	33,377	316	126,307	21%	2%
17. Pump Station #1	1,730,000	215,600	0	215,600	204,729	12,211	216,940	20,093	(21,433)	101%	13%
18. Repairs - Pipeline	5,370,000	1,575,008	0	1,575,008	399,784	15,527	415,311	480,367	679,330	26%	8%
19. Sutro Pump Station	4,484,600	816,848	0	816,848	299,256	8,071	307,327	18,291	491,230	38%	7%
20. AWSS Transition Plan	0	462,689	0	462,689	27,297	201	27,498	47,313	387,878	6%	0%
CUW AWS 01	300,286	19,257,207	(60,488)	19,196,719	105,764	10,122	115,886	0	19,080,833	1%	39%
Auxiliary Water Supply System Total	102,400,000	102,400,000	0	102,400,000	32,714,687	2,086,576	34,801,263 (1)	19,406,567	48,192,170	34%	34%
General Obligation Bond (GOB) Oversight/Accountability and Cost of Issuance and Associated Costs											
Controller's Audit Fund (081C4)	810,800	768,128	0	768,128	326,769	0	326,769	332,587	108,772	43%	40%
Citizens GOB Oversight Committee (081GO)	405,400	387,085	0	387,085	55,615	0	55,615	276,520	54,950	14%	7%
Cost of Issuance (06C00+07311)	5,683,800	977,055	0	977,055	1,094,651	0	1,094,651	0	906,772	59%	23%
Underwriter's Discount		1,236,321	0	1,236,321	211,953	0	211,953 (2)				
Sub-Total	6,900,000	3,368,589	0	3,368,589	1,688,988	0	1,688,988	609,107	1,070,494	50%	24%
ESER 2010 Total	412,300,000	386,882,933	0	386,882,942 (3)	276,596,645	7,043,376	283,640,021	33,045,498	70,197,421	73%	69%

ESER 2014: Financial Status

Component	Bond Report Budget	Operating Budget	First Bond Sale	Expenditures		Total
				GOB Series 2014A	General Fund	
Neighborhood Fire Station	85,000,000	83,555,000	8,150,600	70,940	3,600	74,540
Auxiliary Water Supply System	55,000,000	54,065,000	20,000,000	194,487		194,487
District Police Station	30,000,000	29,490,000	6,882,940	1,788	289,241	291,029
Traffic Control & Forensic Division Services	165,000,000	162,195,000	30,319,673	26,548	2,842,084	2,868,632
Office of the Chief Medical Examiner	65,000,000	63,895,000	34,252,621	651,545	5,161,716	5,813,261
Subtotal	400,000,000	393,200,000	99,605,834	945,308	8,296,641	9,241,949
Controller's Audit Fund (two tenths of 1%)		800,000	199,212	-		-
GOBOC (one tenth of 1%)		400,000	100,670	-		-
Cost of Issuance		5,600,000	764,284	269,724		269,724
Subtotal	-	6,800,000	1,064,166	269,724	-	269,724
Total	400,000,000	400,000,000	100,670,000	1,215,032	8,296,641	9,511,673

ESER 2014 Bond Program – The budget is \$400M with an authorized appropriation of \$100.670M which represents the proceeds of the first bond sale.

As of December, the combined bond and pre-bond expenditures total \$9.511M. San Francisco Public Works is in the process gathering the supporting documentation necessary to swap the general funds with GOB Bond Series 2014A and expects to complete this process within this quarter (Jan-March 2015).

ESER 2010: Auxiliary Water Supply System

Administrative/Soft Costs as a percentage of the overall component. **34%**

Change Orders as percentage of each project in progress

WD-2685 Reservoir & Tanks	WD-2686 PS1	WD-2695 Cisterns A	WD-2696 Cisterns B	WD-2697 Cisterns C	WD-2745 Cisterns D
-0.70%	0.00%	3.70%	4.40%	0.90%	0.00%

Schedule changes for each project in progress noting where they have added 5% or more scheduled business days from start to estimated project end date

WD-2685 Reservoir & Tanks	WD-2686 PS1	WD-2695 Cisterns A	WD-2696 Cisterns B	WD-2697 Cisterns C	WD-2745 Cisterns D
0.00%	0.00%	4.40%	0.00%	0.00%	0.00%

Any projects dropped from or added to the program since the last report to CGOBOC: **N/A**

Any uses of Bond program Contingency funds authorized since the last report to CGOBOC: **N/A**

ESER 2010: Auxiliary Water Supply System

Scope (Unchanged)

- **Planning Study** – AWSS reliability assessment and improvement recommendations
- **Reservoir** – Pipe and valve replacements
- **Tanks (2)** – Ashbury tank replacement ; Jones Street seismic strengthening
- **Pump Stations (2)** – PS1 new engines; PS2 seismic strengthening
- **Cisterns (~30)** – New cisterns in southern and western portions of the City
- **Pipe & Tunnel (9)** – Various improvements; pipeline assessment

Schedule (Unchanged)

- **Planning Study** – Completed 2014
- **Reservoir** – Completion September 2015
- **Tanks** – Completion September 2015
- **Pump Stations** – PS1 completion May 2016; PS2 completion 2018 (schedule to be revised)
- **Cisterns** – Completion of 16 cisterns by June 2015; completion of approximately 14 additional cisterns by 2017
- **Pipe & Tunnel** – Completion varies by project; overall completion 2018

Budget – Total Program Budget (millions): \$102.4 (Unchanged)

- **Planning Study** - \$2.9
- **Reservoir** - \$2.9
- **Tanks** – \$13.6
- **Pump Stations** - \$27
- **Cisterns** - \$35.4
- **Pipe & Tunnel** - \$19.1
- **Administrative** - \$1.5

Challenges and Risks:

Clarendon Supply project requires negotiation for use of Recreation & Park Department land



ESER 2010 and ESER 2014: Auxiliary Water Supply System



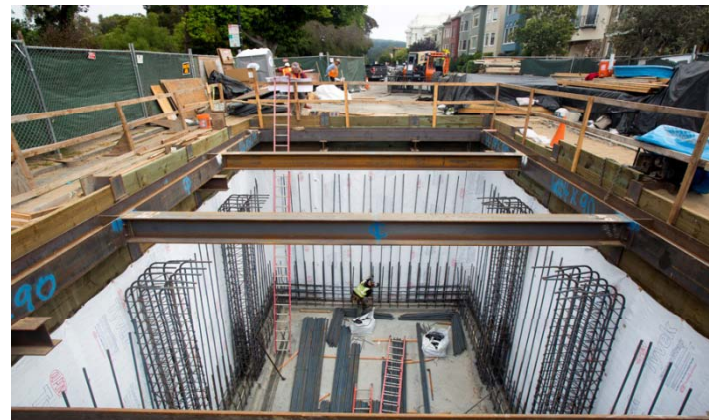
New architectural roof over Ashbury Heights Tank, October 2014



New cistern at 21st Avenue and Ocean Avenue, October 2014



Installation of architectural roof over new Ashbury Heights Tank, August 2014



Construction of new cistern on Funston Avenue near Geary Boulevard, July 2014

ESER 2010: Public Safety Building

The Administrative/Soft Costs as a percentage of the overall component is **18%**. Soft costs include design, permitting, construction management, component management, testing and inspection, client representative services.

The Change Orders as percentage of category is as follows: **6.3%** (as of December 2014)

Schedule changes for each project in progress noting where they have added 5% or more scheduled business days from start to estimated project end date: **27.8%**

Any projects dropped from or added to the program since the last report to CGOBOC: **N/A**

Any uses of Bond program Contingency funds authorized since the last report to CGOBOC: **N/A**

ESER 2010: Public Safety Building

Scope

The following activities are critical path scope of work :

- **Mission Rock Street Re-alignment** - Bay Development Group has completed roadwork at Block 8 frontage. The remainder, through to Terry Francois Blvd, is expected to be complete in May.
- **Punchlist** - subcontractor punchlist work underway, and expected to be complete by May
- **Inspections** - Elevator inspection was complete and passed for Elevators at PSB. Inspections for plumbing, electrical, fire and life-Safety began in October, and continued through December. Remaining issues expected to be resolved in January for TCO.
- **SFPD IT Fit-out** - Installation of networking equipment and verification of low-voltage work by PD-IT and consultants, and DT began in July and is expected to continue through move-in; set-up of computers and telephony equipment is planned to start on January 12th.

Schedule (as of December 2014)

- Substantial Completion – March 2015 (under review)
- Final Completion – May/ June 2015 (under review)
- Guided Tours – March 20, March 21
- First Day of Business
 - Police Station: March 30
 - Fire Station/ ATF: April 6 (TBD)
 - Police headquarters: April 13

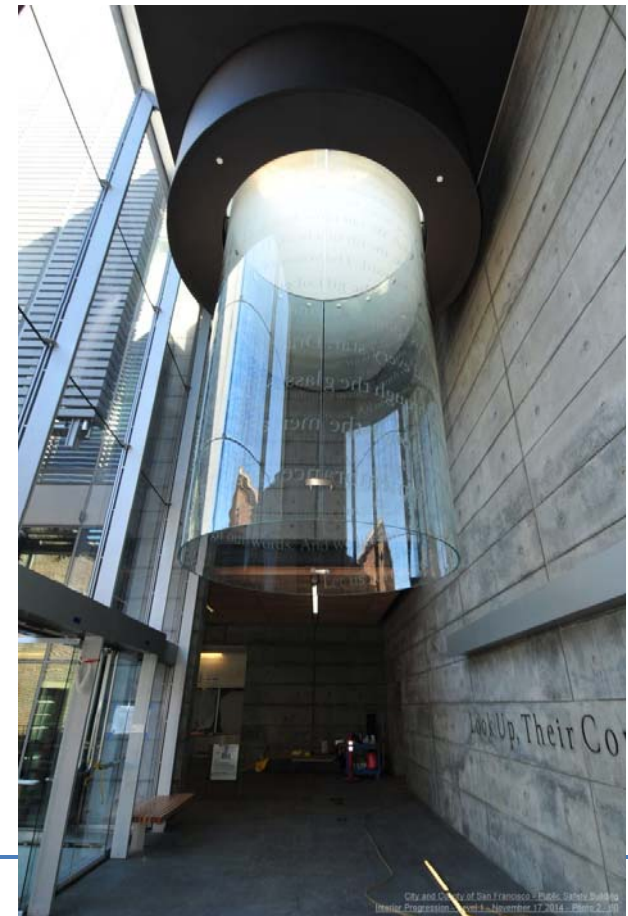
Budget - \$243M

- All trades and FF+E packages have been bought out.

Challenges, Risks

- None – at this time

ESER 2010: Public Safety Building



ESER 2014: Traffic Company/Forensic Services Division

Administrative/Soft Costs as a percentage of the overall component: **N/A**

Change Orders as percentage of each project in progress – noting where they exceed 5% of overall : **N/A**

Schedule changes for each project in progress noting where they have added 5% or more scheduled business days from start to estimated project end date : **N/A**

Any projects dropped from or added to the program since the last report to CGOBOC : **N/A**

Any uses of Bond program Contingency funds authorized since the last report to CGOBOC : **N/A**

ESER 2014: Traffic Company/Forensic Services Division

Scope

- Relocation of FSD from seismically unsafe HOJ and from HPSY
- 105,000 SF Replacement Facility - 85,000 ft2 FSD and 20,000 ft2 TC with 2-level City Fleet Parking Structure

Schedule

- Obtained Ordinance approval on October 9, 2014 for a Hybrid IPD delivery method (CM/GC w/core trades)
- Selected A/E Design Team on November 13, 2014 – HOK Architects, San Francisco
- Issued CMSS RFQ and Received Proposals on December 19, 2014
- Design Start - Spring 2015
- Construction Start - Spring 2017
- Building Inauguration - Fall 2019

Budget - \$162M

- \$11.9M for Special Equipment (FF&E)
- \$30.3M received through first ESER 2014 bond sale.

Challenges, Risks

- Bidding Climate in 2017
- Relocation of Crime Lab from HPSY

ESER 2014: Traffic Company/Forensic Services Division

Selected Architect's Concept Images



ESER 2014: District Police Stations

Administrative/Soft Costs as a percentage of the overall component : N/A

Change Orders as percentage of each project in progress – noting where they exceed 5% of overall :
N/A

Schedule changes for each project in progress noting where they have added 5% or more scheduled business days from start to estimated project end date : N/A

Any projects dropped from or added to the program since the last report to CGOBOC : N/A

Any uses of Bond program Contingency funds authorized since the last report to CGOBOC : N/A

ESER 2014: District Police Stations

Scope

- The ESER 2014 bond program will mirror the categorization of projects adopted by the NFS according to the three categories of Focused Scope, Comprehensive, and Seismic. The principal goal of ESER 2014 is to address as much of the identified and prioritized needs at all stations as practicable within the budget.
- As the scope of individual projects are developed an ESER 2014 bond program schedule will be developed to maintain SFPD service response levels and operational efficiency. Stations will remain open wherever feasible, and station closures, if any, will be carefully phased.

Schedule

- First bond sale sum to be implemented for the prioritized work from planning, design and to construction, during 2015

Budget - \$29.5 M

- \$6,882,940 received through first ESER 2014 bond sale.

Challenges, risks

The ESER 2014 bond program must balance the following priorities:

- Correct current health and safety deficiencies at all District Police Stations
- Correct functional deficiencies that significantly impair critical station functions
- Proactively address imminent system failures, such as roofs and HVAC systems, to avoid the cost of emergency repairs
- Maximize effectiveness of bond program expenditures by conducting comprehensive renovation and seismic upgrade projects, when feasible
- Maintain SFPD service response levels and maximize operational efficiency

ESER 2010: Neighborhood Fire Stations

- **The Administrative/Soft Costs as a percentage of the overall component is 36% .** Soft costs include design, permitting, construction management, component management, testing and inspection, client representative services.

- **Change Orders as percentage of each project in progress – noting where they exceed 5% of overall**

Focused Scope: 8.24%

Comprehensive

Station 44: 9%

Station 36: 14%

Seismic: N/A – projects in design / permitting

- **Schedule changes for each project in progress noting where they have added 5% or more scheduled business days from start to estimated project end date**

Focused Scope:

Station 17 generator: design error with tank size resulted in protracted JOC negotiation until 3/2/15, followed by long lead time procurement still in progress.

Exterior Envelope Package 6: unanticipated conditions at Station 31 resulted in existing lead paint removal resulted in schedule extension.

Showers construction schedule phasing required in occupied stations per SFFD direction combined with delay in material delivery resulted in schedule extension.

Comprehensive

Station 36: Sidewalk redesign triggers BOS approval, coupled with SFFD direction to proceed with new Apparatus Bay Doors (long lead item) resulted in schedule extension.

Seismic: N/A – projects in design / permitting

- **No** projects were dropped from or added to the program since the last report to CGOBOC. DPW did bid a CO2 monitoring system at Station 13 on behalf of SFFD (using SFFD not ESER funds.)

- There was **no** use of Bond program Contingency funds authorized since the last report to CGOBOC.

ESER 2010: Neighborhood Fire Stations

Scope

- **Focused Scope:** **Roofs:** 15 of 15 stations completed; **Windows:** 12 of 12 stations completed; **Exterior Envelope:** Final 6 (of 16) stations in closeout; **Generators:** 4 complete; 1 in construction (of 5 stations); **Showers:** Final 5 (of 8 stations) in construction; **Mechanical:** 15 of 15 stations completed.
- **Comprehensive:** Final Station 36 (of 2) is complete except added scope of new Apparatus Bay doors and sidewalk modification. Station 36 is on track to achieve LEED Gold for Commercial Interiors.
- **Seismic:** Whole station replacements: FS 5 - Western Addition; FS 16 – Marina/Cow Hollow; FS35 – Pier 22 1/2

Schedule

- **Focused Scope:** schedule extended to May 2015 completion to accommodate SFFD phasing requirements and showers' project material delivery delays.
- **Comprehensive:** work is complete except Station 36 additional scope extended to July 2015.
- **Seismic:** Station 16 design complete and submitted to DBI; Station 5 completed 50% Design Development March 7; CDR Phase 1 approval obtained; Station 35 initial scoping is underway (restarted upon return to Pier 22 ½).

Budget - \$72.1 M, All categories remain unchanged from last report as follows:

- **Focused Scope:** \$12.2M
- **Comprehensive:** \$6.3M
- **Seismic:** \$40.6M
- **Other projects:** \$1.1M
- **Project Control costs** (not included in above): \$11.9M

ESER 2010: Neighborhood Fire Stations

Challenges, Risks

- NFS 2010 projects' as developed subsequent to the passage of the Bond is approximately \$84M which is \$20M above the ESER 2010 Bond Funds.
 - Specific projects driving the additional costs are Stations 5, 16, and 35.
 - Resulting from initial programming assumptions; market conditions; added scope; and unforeseen conditions.
 - These costs will be mitigated by anticipated savings of PSB and proceeds from ESER 2014.
 - SFFD endorses the forecasted need and proposed mitigation.
- Station 35: Multiple jurisdictions and authority requirements to satisfy. Schedule will be created once initial scoping is complete and approved.
- Station 16: Possible delays to construction schedule accruing from neighbor's opposition. Appeal of DBI permit will be heard at Board of Appeals; Appeal of CEQA determination will be heard at Board of Supervisors in May.

ESER 2010: Neighborhood Fire Stations



Station 5 Design Development Concept



Station 36
comprehensive
renovation completed
November 2014

ESER 2014: Neighborhood Fire Stations

Administrative/Soft Costs as a percentage of the overall component : **N/A**

Change Orders as percentage of each project in progress – noting where they exceed 5% of overall : **N/A**

Schedule changes for each project in progress noting where they have added 5% or more scheduled business days from start to estimated project end date : **N/A**

Any projects dropped from or added to the program since the last report to CGOBOC : **N/A**

Any uses of Bond program Contingency funds authorized since the last report to CGOBOC : **N/A**

ESER 2014: Neighborhood Fire Stations

Scope

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

Schedule

Since the passage of the bond in June 2014, the focus has been on:

- Procuring bond funding for initial projects
- Strategizing with SFFD regarding project priorities and project delivery methods in the categories of work
- During first quarter 2015, 23 stations will be assessed to confirm scope needs per station.

Focused Scope:

During first and second quarter 2015, the first array of projects to be executed in calendar year 2015 will be planned, designed and some will be bid.

Comprehensive and Seismic:

Prioritization of scopes of work at each station is anticipated to occur in the second quarter 2015.

Budget - \$83.6M

- \$8.150,600 received through first ESER 2014 bond sale.

Risks, Challenges

- Scope of projects' prioritization

ESER 2014: Neighborhood Fire Stations

Station 3 Assessment



ESER 2014: Office of the Chief Medical Examiner

Administrative/Soft Costs as a percentage of the overall component: **27%**

Change Orders as percentage of each project in progress: **N/A**. **Estimated construction start is July August 2015.**

Administrative/Soft Costs as a percentage of the overall component : **N/A**

Schedule changes for each project in progress noting where they have added 5% or more scheduled business days from start to estimated project end date :

structural and exterior skin redesign due to the demolition of the existing concrete tilt-up panels; change is necessitated by technical challenges associated with bracing and shoring of the existing exterior walls, underpinning of the existing foundation, and their unfavorable impacts on budget and schedule

Any projects dropped from or added to the program since the last report to CGOBOC : **N/A**

Any uses of Bond program Contingency funds authorized since the last report to CGOBOC : **N/A**

ESER 2014: Medical Examiner

Scope

- Relocate OCME from seismically vulnerable HOJ
- Re-accreditation from National Association of Medical Examiners (NAME)
- OCME is critical first responder after a major earthquake (up to 2,000 estimated fatalities)
- Two-story building, 44,000 GSF, for 50 employees
- Autopsy, Laboratory, Field Investigations, Body Storage, Administration
- LEED Gold

Schedule

- A/E Design Team – KMD Architects - NTP on January 7, 2015
- CM/GC – Clark Construction – NTP on January 29, 2015
- Construction Management Supplemental Services (CMSS) – Vanir – NTP on July 25, 2015
- Complete Design - March 2015
- Start Construction - May 2015
- Complete Construction - December 2016
- Building Inauguration - March 2017

Budget - \$65M

- \$10.7M FF&E
- \$34,252,621 received through first ESER 2014 bond sale.

Challenges, risks

- Contaminated soil – mitigation via offsite disposal and import of new soil, as well as installation of methane membrane and passive methane evacuation system
- Reconciliation of unforeseen conditions and necessary scope changes – mitigation via value engineering process
- Permit procurement duration – mitigation via incremental submission of documents

ESER 2014: Medical Examiner

KMD Architects' project images





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