	RAL SUBWAY PROJECT, SAN FRANCISCO, MAIN WORKSHEET	CALIFORNIA	CAPITAL COS	Report Date March 1, 2014					
All costs in Year of Expenditure		ENTRY IN	TO FINAL DESIGN 8			DJECT COST JAN	UARY 2014 YOE		
	,	Base in SMTA Main		Base + Allocated	Base in SMTA Main	Cont in Main	Base + Allocated	Comments	Difference from
SCC	CATEGORY ITEM	Worksheet (X000)	Worksheet (X000)	Cont in Main	Worksheet (X000)	Worksheet	Cont in Main		Previous Nov
				Worksheet (X000)		(X000)	Worksheet (X000)		2013 Report
	GUIDEWAY & TRACK ELEMENTS	277,952	40,464	318,416	297,026	21,201	318,226	A \$1.5M increase	1,515
10.02	Guideway: At-Grade Semi-Exclusive	7,988	1,173	9,161					70-
10.06	Guideway: Underground Cut & Cover Guideway: Underground Tunne	9,839 245,559	1,181 36,540	11,020 282,099	75,658 200,619	3,940 15,761	79,599 216,379		707 846
10.08	Guideway: Retained Cut & Fil	245,559	30,340	202,099	200,019	15,761	210,379		C
	Track: Direct Fixation	8,092	809	8,901	10,839	500	11,339		(20
	Track: Embedded	4,139	414	4,553	4,380	500	4,880		(8 (10
	Track: Special [Switches, Turnouts]	2,336	347	2,683	5,529	500	6,029	A 05 OM 100000	•
	STATIONS, STOPS AND TERMINALS	419,330	70,380	489,711	612.381	14.463	626.844	A \$5.6M decrease	(5,894
20.01	At Grade Station, Stop, Shelter, Platform Underground Stations	2,241	224	2,465	10,357	-	10,357		(19 (5,829
20.03	Elevators, Escalators	383.634 33,455	68,484 1,673	452,118 35,128	576,517 25,507	14,463	590.980 25,507		(46
	D SUPPORT FACILITIES, YARDS, SHOPS	-	1,070	00,120	- 20,007		20,007		,
	Light Maintenance Facility								
		41,386	42 EE4	E4 027	407.070	4 007	400 400	A \$24,000 increases	31
	DISITEWORK AND SPECIAL CONDITIONS		13,551	54,937	127.879	1.607		A \$31,000 increase	
	1 Demolition, Clearing, Earthwork 2 Site Utilities, Utility Relocatior	1,220	122	1,342	10,336	402	10,738		(342 2,199
40.02	3 Hazardous Material, Contaminated Soil Remova	18,347 865	8,032 179	26,379 1,044	59,977 4,729	402	60,378 4,729		(82
40.04	4 Environmental Mitigation	211	37	248	681	-	681		`(1
40.0	5 Site Structures	699	160	859	3,073	-	3,073		(287
40.00	6 Pedestrian/Bike Access & Landscaping 7 Automobile Bus Van Access way, Roads	738	74	812	11,154	402	11,555		(639 (698
40.08	8 Temporary Facilities & Other Indirect Cost	2,308 16,998	231 4,716	2,539 21,714	7,839 30,090	402	8,241 30,090		(118
	DISYSTEMS	107,981	11,235	119,215	99.096	3.500	102.596		(180
									•
50.0	Train Controls & Signals Traffic Signals & Crossing Protection	22,670 3,608	2,266	24,936 3,969	34,204 1,328	500	34,704		(62 (2
50.02	Traction Power Supply: Substation	26,593	361 1,812	28,405	24,545	500 500	1,828 25,045		(44
50.04	4 Traction Power Distribution: OCS	21,982	2,198	24,180	11,624	500	12,124		(21
	5 Communications	29,327	4,215	33,541	18,066	500	18,566		(33)
50.00	6 Fare Collection System 7 Central Control	2,835 966	286 97	3,121 1,063	6,811 2,517	500 500	7,311 3,017		(12
00.0.	CONSTRUCTION TOTAL SCC 10 TO 50	846,649	135,630	982,279	1,136,381	40,771		A #4 5M decrees	(4,527
							1,177,152	A \$4.5M decrease	* *
	ROW, LAND, EXISTING IMPROVEMENTS	23,747	10,278	34,025	36,512	1,000	37,512		(
60.0	1 Purchase or lease of Real Estate	18,828	9,414	28,242	34,331	1,000	35,331	A \$3.265M reduction form amount stated in Dec 2013	
	Relocation of Existing Households	4,919	864	5,783	2,181	-			
	OVEHICLES	25,726	2,430	28,156	24,109	2,277	26,386	No change	
	1 Light Rail	22,868	2,287	25,155	21,698	2,170	23,868		
	7 Spare parts	2,858	143	3,001	2,411	107	2,518		
80	PROFESSIONAL SERVICES	320,096	-	320,096	310,034	18,221	328,256	A \$.58M decrease	(584
	1 Preliminary Engineering	42,449	-	42,449	46,203		46,203		(
	Final Design Project Management for Design & Construction	41,127	-	41,127	61,323	40.000	61,323	Cost transferred to 80.04	138 (4,22
80.0	4 Construction Administration & Managemen	155,296 40,698		155,296 40,698	85,043 95,093	13,906 2,957	98,948 98,050	Cost transferred to 60.04	4,07
80.08	5 Insurances	-		-	6,800	-	6,800		(
	Legal: Permits. Review Fees by other agencies	9,006	-	9.006	7,698	-	7,699		(52)
80.08	7 Surveys, Testing, Investigation. Inspectior 8 Start-up	13,509	-	13,509	883	- 4.050	883		(50
00.00		18,011	-	18,011	6,992	1,358	8,350	0.05 484 1	*
	SUB-TOTAL CATEGORIES 10 TO 80	1,216,219	148,338	1,364,556	1,507,035	62,269	,,	A \$5.1M decrease	(5,112
	UNALLOCATED CONTINGENCIES			213,744			8,995	A \$5.1M increase	5,112
	FINANCE CHARGES			-					
TOTAL	PROJECT COST 10 TO 100			1,578,300			1,578,300		
	TOTAL CONTINGENCY			362,082			71,264	Contingency decreased by \$45,000	(46
	CONTINGENCY PERCENTAGE			29.77%			4.73%		
				350,000				Reduced ofter Station Construction Ct-	
	CONTINGENCY BUFFER						· ·	Reduced after Station Construction Starl	
	BELOW OR ABOVE BUFFER			12,082			(108,736)	Currently \$108.74M below buffer	
	CONTINGENCY MINIMUM			280,000			140,000	Reduced after Station Construction Start	
	BELOW OR ABOVE MINIMUM			82,082			(68 736)	Currently \$68.74M below minimum	

Note The above Allocated Contingencies used are based upon CSP reported amounts and differ considerable to those originally recommended in the Risk Workshop.

Minimum contingency amount reduced to \$140,000 after construction start on the stations, in accordance with the agreed revised project contingency drawdown graph.

All above cost are based upon SFMTA SC January Cost Report

Service Company Comp	COMPARISON BACK-UP SHEET TO PAGE ONE SHOWING BASE YEAR COST PLUS ALLOCATED CONTINGENCY										
Description	CENTRAL SUBWAY PROJECT, SAN FRANCISCO, CALIFORNIA CARITAL COST ESTIMATE LIBRATE DEPORT FOR JANUARY 2014										
Section Decision Processing Control Processing Control	SCC WAI						l				
Seas in SMTA Man Workshoot		•	ENTRY I	NTO FINAL DESI	GN 8/11/09 Base Cos	st Only	UPDATED PRO	DIFFERENCE.			
15 OLIDEWAY & TRACK ELEMENTS 24,748 53,028 7,16% 53,028 7,16% 53,028 7,16% 53,028 7,16% 53,028 7,16% 53,028 7,16% 7,009 7,000 7,00			Main Worksheet	Worksheet	Cont in SMTA Main		Authorized & Potential Change Order or Est Amount	Contingency in SFMTA Estimate	Order or Est + Allocated Cont in Main Worksheet		
1,002 Guidenny Af-Grants Germi-Entutive 7,006 1,029 8,030 14,69% 75,658 3,040 75,859 5,21% 7,007 7,007 1,007 1,007 1,009% 1,	10	GUIDEWAY & TRACK ELEMENTS	243,798	35,492	279,290	14.56%		21,201		7.14%	53,228
25 25 25 25 25 25 25 25	10.02 10.06 10.07 10.08 10.09 10.10	Guideway: At-Grade Semi-Exclusive Guideway: Underground Cut & Cover Guideway: Underground Tunnel Guideway: Retained Cut & Fill Track: Direct Fixation Track: Embedded	8,630 215,386 7,097 3,630	1,036 32,050 710 363	9,666 247,436 7,807 3,993	12.00% 14.88% 10.00% 10.00%	200,619 - 10,839 4,380	15,761 - 500 500	216,379 - 11,339 4,880	7.86% 4.61% 11.42%	67,028 (14,767) 3,742 750
20.01 A. Grades Station, Stops, Sheber, Platform 1,833 198 2,082 9,985 13,357 - 10,357 0,00% 2,541% 222,474 20.07 [Invastors, Escalations 22,6468 75,846 381,889 17,85% 575,617 - 25,507 - 25,5		, , ,	,		· ·		•		,		
30.02 Linht Maintenamore Facility	20.01 20.03 20.07	At Grade Station, Stop, Shelter, Platform Underground Stations Elevators, Escalators	1,893 324,043	189 57,846	2,082 381,889	9.98% 17.85%	10,357 576,517	-	10,357 590,980	0.00% 2.51%	8,464 252,474 (2,751)
## STEWORK AND SPECIAL CONDITIONS ## 1,16 ## 40.01 Denotino, Clearing, Enthrowork ## 40.03 Hozardons Material, Contaminated Soil Removal ## 40.01 Placentonianted Soil Removal ## 40.02 Placentonianted Soil Rem			_								
40.01 Demolition, Clearing, Enthwork 1,116 112 1,228 10.04% 59.977 402 60.378 0.67% 43.120 40.02 Stot Unifies, Utility Redocation 16755 7,348 24.133 43.78% 59.977 40.2 60.378 0.67% 43.120 40.03 Hazardous Material, Contaminated Sail Removal 791 164 955 20.73% 47.29 - 4.729 - 4.729 0.00% 3,938 40.05 Structures 640 146 786 22.81% 30.07% 11,154 40.02 11.555 3.00% 10.439 40.05 Potentian Rible Access & Landscaping 675 68 743 10.07% 11,154 40.02 11.555 3.00% 10.439 40.07			37.861	12.397	50.258	32.74%	127.879	1.607	129.486	1.26%	90.018
4.00 Size Structures 4.00 Fi Pedestrian/Biek Access & Landscaping 4.00 Fi Padestrian/Biek Access & Landscaping 4.00 Fi Pedestrian/Biek Access & Landscaping 4.00 Fi Padestrian/Biek Access & Landscaping	40.01 40.02	Demolition, Clearing, Earthwork Site Utilities, Utility Relocation	1,116 16,785	112 7,348	1,228 24,133	10.04% 43.78%	10,336 59,977	402 402	10,738 60,378	3.89% 0.67%	9,220 43,192
4.00 Padestrian/Bike Access & Landscaping 675 68 743 10.07% 11.154 402 11.555 3.60% 10.479 40.07 Authorible Bus Van Access way, Roads 2.111 212 2.222 10.00% 7.839 402 8.241 5.12% 5.738 40.08 1 remporary Facilities & Other Indirect Cost 15.550 4.314 19.864 27.74% 30.090 - 30.090 0.00% 14.540 15.550 15.550 4.314 19.864 27.74% 30.090 - 30.090 0.00% 14.540 15.550 15.5								-			
40.07 Automobile Bus Van Access way, Roads 2.111 2.11 2.322 10.00% 7.839 402 8.241 5.12% 5.72% 5.728 40.08 Improrary Facilities & Other Indirect Cost 15,550 4.314 19,864 27.74% 30,990 - 30,000 0.00% 14,540 50 \$YSTEMS 86,955 9,047 96,002 10,40% 99,096 3.500 10,2596 3.53% 12,141 50.01 Train Controls & Signals & Crossing Protection 2,905 291 3.196 10.02% 13,226 500 1,828 37,64% (1,577) 50.03 Traction Power Supply: Substation 21,415 1,459 22,874 6.81% 24,545 500 12,124 4.30% (6,078) 50.04 Traction Power Supply: Substation 21,415 1,459 22,874 6.81% 24,545 500 12,124 4.30% (6,078) 50.05 Communications 23,616 3,394 27,010 14,37% 18,066 500 18,566 2.77% (5,550) 50.06 Fare Collection System 2,284 230 2,514 10,007% 6.811 500 7,311 7,34% 4,527 50.07 Central Control 778 78 78 856 10,03% 2,517 500 3,017 19,88% 1,739 60,002 Residual Collection System 2,284 230 16,184 839,192 16,10% 1,116,381 40,771 1,177,152 3.59% 413,573 60,002 Residual Collection System 23,440 10,136 33,556 43,28% 35,512 1,000 37,512 2,74% 13,092 60.07 Purchase or lease of Real Estate 18,569 9,284 27,853 50.07% 34,331 1,000 35,331 1,000 45,533 10,00% 15,762 60.02 Reclosion of Existing Households 4,851 852 5,703 17,55% 2,181 - 2,181 10,00% (2,670) 70.07 Control 1,000 1								-			
40.08 Temporary Facilities & Other Indirect Cost											
50.01 Train Controls & Signals 18,255 1,825 20,080 10,00% 34,204 500 34,704 1,46% 15,949 5002 Traific Signals & Crossing Protection 2,905 291 3,196 10,02% 1,328 500 1,828 37,64% (1,577) 5003 Train Control Power Supply: Substation 21,415 1,459 22,874 6,81% 24,545 500 22,545 2,04% 3,130 50.04 Traction Power Distribution: CCS 17,702 1,770 19,472 10,00% 11,624 500 12,124 4,30% (6,078) 50.05 50.0		• • • • • • • • • • • • • • • • • • • •	,					-			
50.01 Train Controls & Signals 18,255 1,825 20,080 10,00% 34,204 500 34,704 1,46% 15,949 5002 Traific Signals & Crossing Protection 2,905 291 3,196 10,02% 1,328 500 1,828 37,64% (1,577) 5003 Train Control Power Supply: Substation 21,415 1,459 22,874 6,81% 24,545 500 22,545 2,04% 3,130 50.04 Traction Power Distribution: CCS 17,702 1,770 19,472 10,00% 11,624 500 12,124 4,30% (6,078) 50.05 50.0	50	SYSTEMS	86.955	9.047	96,002	10.40%	99.096	3.500	102.596	3.53%	12.141
50.02 Traffic Signals & Crossing Protection 2.905 291 3,196 10.02% 13,226 500 1,228 37,64% (1,577) 50.03 Traction Power Supply: Substation 2.1415 1,459 22,874 6,81% 24,546 500 25,045 2,04% 3,130 50.04 Traction Power Distribution: OCS 17,702 1,770 19,472 10.00% 11,624 500 12,124 4,30% (6,078) 50.05 Communications 23,616 3,394 27,010 14,37% 18,066 500 18,566 2,77% (5,550) 50.06 Fare Collection System 2,284 230 2,514 10.07% 6,811 500 7,311 7,34% 4,527 50.07 Central Control 778 78 856 10.03% 2,517 500 3,017 19,86% 1,739 CONSTRUCTION TOTAL SCC 10 TO 50 72,808 115,384 839,192 16,10% 1,136,381 40,771 1,177,152 3,59% 413,573 60 ROW, LAND, EXISTING IMPROVEMENTS 23,420 10,136 33,556 43,28% 36,512 1,000 37,512 2,74% 13,092 60.01 Purchase or lease of Real Estate 18,569 9,284 27,853 50,00% 34,331 1,000 35,331 10,00% (2,670) 70 VEHICLES 18,000 1,700 19,700 9,44% 24,109 2,277 25,386 9,44% 5(109) 70,07 Spare parts 2,000 1,600 1,600 1,700 19,700 9,44% 24,109 2,277 23,386 9,44% 5(109) 70,07 Spare parts 2,000 100 2,100 5,00% 2,411 107 2,518 4,44% 411 80,07 Final Professional Estate 2,000 1,00											
50.04 Traction Power Distribution: OCS 17.702 1.770 19.472 10.00% 11.624 500 12.124 4.30% (6.078) 50.05 Communications 23.616 3.394 27.010 14.37% 18.066 500 18.566 2.77% (5.550) 50.06 Fare Collection System 2.2,84 230 2.514 10.07% 6.811 500 7.311 7.34% 4.527 50.07 Central Control 778 78 8 856 10.03% 2.517 500 3.017 19.86% 17.39											
50.05 Communications 23,616 3,394 27,010 14.37% 18,066 500 18,566 2.77% (5,550) 50.06 Fare Collection System 2,284 230 2,514 10.07% 6,811 500 7,311 7,34% 4,527 50.07 Central Control 778 78 856 10.03% 2,517 500 3,017 19,86% 1,739 19,86% 1,739											
50.06 Fare Collection System											the state of the s
50.07 Central Control 778 78 856 10.03% 2,517 500 3,017 19.86% 1.739											
CONSTRUCTION TOTAL SCC 10 TO 50 722,808 116,384 839,192 16.10% 1,136,381 40,771 1,177,152 3.59% 413,573 60 ROW, LAND, EXISTING IMPROVEMENTS 23,420 10,136 33,556 43,28% 36,512 1,000 37,512 2.74% 13,092 60.01 Purchase or lease of Real Estate 18,569 9,284 27,853 50,00% 34,331 1,000 35,331 10,00% 15,762 80,002 Relocation of Existing Households 4,851 852 5,703 17,56% 2,181 - 2,181 10,00% (2,670) 70 VEHICLES 18,000 1,700 19,700 9,44% 24,109 2,277 26,386 9,44% 6,109 70.01 Light Rail 16,000 1,600 17,600 10,00% 21,698 2,170 23,868 10,00% 5,698 70.07 Spare parts 2,000 100 2,100 5,00% 2,411 107 2,518 4,44% 411 80 PROFESSIONAL SERVICES 298,873 - 288,873 0,00% 310,034 18,221 328,255 5,88% 11,161 80.01 Preliminary Engineering 39,634 - 39,634 0,00% 46,203 - 46,203 0,00% 2,593 80,00 Project Management for Design & Construction 145,000 - 145,000 0,00% 85,043 13,906 98,948 16,35% (59,957) 80,004 Construction Administration & Management 38,000 - 38,000 0,00% 85,003 2,957 98,050 3,11% 57,093 80,05 Insurances 8,409 - 8,409 0,00% 883 - 7,698 0,00% (711) 80,07 Surveys, Testing, Investigation. Inspection 126,817 - 16,817 - 16,817 0,00% 6,992 1,358 8,350 19,43% (9,825) 100 FINANCE CHARGES											
60 ROW, LAND, EXISTING IMPROVEMENTS 23,420 10,136 33,556 43,28% 36,512 1,000 37,512 2,74% 13,092 60.01 Purchase or lease of Real Estate 18,569 9,284 27,853 50,00% 34,331 1,000 35,331 10,00% 15,762 60.02 Relocation of Existing Households 4,851 852 5,703 17,56% 2,181 - 2,181 10,00% 2,277 26,386 9,44% 6,109 70.01 Light Rail 70,07 Spare parts 2,000 100 2,100 2,100 5,00% 2,411 107 2,5181 4,44% 411 80 PROFESSIONAL SERVICES 298,873 - 298,8							*		,		·
60.01 Purchase or lease of Real Estate 18,569 9,284 27,853 50.00% 34,331 1,000 35,331 10.00% 15,762 60.02 Relocation of Existing Households 4,851 852 5,703 17.56% 2,181 - 2,181 10.00% (2,870) 70 VEHICLES 18,000 1,700 19,700 9,44% 24,109 2,277 26,386 9,44% 6,109 70.01 Light Rail 10,00% 16,000 1,600 17,600 10.00% 21,698 2,170 23,868 10.00% 5,698 70.07 Spare parts 2,000 100 2,100 5,00% 2,411 107 2,518 4,44% 411 80 PROFESSIONAL SERVICES 298,873 - 298,873 0,00% 310,034 18,221 328,255 5,88% 11,161 80.01 Preliminary Engineering 39,634 - 39,634 0,00% 46,203 - 46,203 0,00% 6,569 80.02 Final Design 38,400 - 38,400 0,00% 61,323 - 61,323 0,00% 22,923 80.02 Final Design Construction 4dministration & Management for Design & Construction 145,000 - 145,000 0,00% 85,043 13,906 99,948 16,35% (59,957) 80.04 Construction Administration & Management 38,000 - 38,000 0,00% 95,093 2,957 99,050 3,11% 57,093 80.05 Insurances 80.05 Insurances 80.06 Legal: Permits. Review Fees by other agencies 8,409 - 8,409 0,00% 67,698 - 7,698 0,00% (711) 80.07 Surveys, Testing, Investigation. Inspection 12,613 - 12,613 0,00% 69,92 1,358 8,350 19,43% (93,825) 100 FINANCE CHARGES	60		,		,						
Relocation of Existing Households		•	,		,						
To VEHICLES 18,000 1,700 19,700 9,44% 24,109 2,277 26,386 9,44% 6,109								-			
70.01 Light Rail 16,000 1,600 17,600 10.00% 21,698 2,170 23,868 10.00% 5,698 70.07 Spare parts 2,000 100 2,100 5.00% 2,411 107 2,518 4.44% 411 80 PROFESSIONAL SERVICES 298,873 - 298,873 0.00% 310,034 18,221 328,255 5.88% 11,161 80.01 Preliminary Engineering 39,634 - 39,634 0.00% 46,203 - 46,203 0.00% 6,569 80.02 Final Design 30,000 38,400 0.00% 61,323 - 46,203 - 46,203 0.00% 6,569 80.03 Project Management for Design & Construction 145,000 - 145,000 0.00% 85,043 13,906 98,948 16,35% (59,957) 80.04 Construction Administration & Management 38,000 - - - - - - - - - - - - - - - - </td <td>70</td> <td>VEHICLES</td> <td>18,000</td> <td>1,700</td> <td>19,700</td> <td>9.44%</td> <td>24,109</td> <td>2,277</td> <td>26,386</td> <td>9.44%</td> <td>6,109</td>	70	VEHICLES	18,000	1,700	19,700	9.44%	24,109	2,277	26,386	9.44%	6,109
70.07 Spare parts 2,000 100 2,100 5.00% 2,411 107 2,518 4.44% 411 80 PROFESSIONAL SERVICES 298,873 - 298,	70.01	Light Rail	16,000	1.600	17.600	10.00%	21.698	2.170	23.868	10.00%	5,698
80.01 Preliminary Engineering 39,634 - 39,634 - 39,634 0.00% 46,203 - 46,203 0.00% 6,569 80.02 Final Design 38,400 - 38,400 0.00% 61,323 - 61,323 0.00% 22,923 80.03 Project Management for Design & Construction 145,000 - 145,000 0.00% 85,043 13,906 98,948 16.35% (59,957) 80.04 Construction Administration & Management 38,000 - 38,000 0.00% 95,093 2,957 98,050 3.11% 57,093 80.05 Insurances											
80.02 Final Design	80	PROFESSIONAL SERVICES	298,873	-	298,873	0.00%	310,034	18,221	328,255	5.88%	11,161
80.02 Final Design	80.01	Preliminary Engineering	39,634	-	39,634	0.00%	46,203	_	46,203	0.00%	6,569
80.04 Construction Administration & Management 38,000 - 38,000 0.00% 95,093 2,957 98,050 3.11% 57,093 10,000 10,00	80.02	Final Design	38,400	-	38,400			-	61,323		22,923
80.05 Insurances 80.06 Legal: Permits. Review Fees by other agencies 8.409 - 8.409 - 8.409 7,698 - 7,698 0.00% (711) 80.07 Surveys, Testing, Investigation. Inspection 80.08 Start-up 80.08 Start-up 80.08 Start-up 80.09 Sub-TOTAL CATEGORIES 10 TO 80 1,063,101 128,220 1,191,321 12.06% 1,507,035 62,269 1,569,304 4.13% 443,934 90 UNALLOCATED CONTINGENCIES 100 FINANCE CHARGES				-							(,,
80.06 Legal: Permits. Review Fees by other agencies 8,409 - 8,409 0.00% 7,698 - 7,698 0.00% (711) 80.07 Surveys, Testing, Investigation. Inspection 12,613 - 12,613 0.00% 883 - 883 0.00% (11,730) 80.08 Start-up 16,817 - 16,817 0.00% 6,992 1,358 8,350 19.43% (9,825) SUB-TOTAL CATEGORIES 10 TO 80 1,063,101 128,220 1,191,321 12.06% 1,507,035 62,269 1,569,304 4.13% 443,934 90 UNALLOCATED CONTINGENCIES 100 FINANCE CHARGES			38,000	-	38,000	0.00%		2,957	·		
80.07 Surveys, Testing, Investigation. Inspection 12,613 - 12,613 0.00% 883 - 883 0.00% (11,730) 16,817 - 16,817 0.00% 6,992 1,358 8,350 19.43% (9,825)			8,409	-	8,409	0.00%		_			-,
SUB-TOTAL CATEGORIES 10 TO 80 1,063,101 128,220 1,191,321 12.06% 1,507,035 62,269 1,569,304 4.13% 443,934 90 UNALLOCATED CONTINGENCIES 100 FINANCE CHARGES 179,931 8,996 8,99		, ,		-	· ·	0.00%		-	· ·	0.00%	
90 UNALLOCATED CONTINGENCIES 179,931 8,996 100 FINANCE CHARGES - 179,931 - 1	80.08	Start-up	16,817	-	16,817	0.00%	6,992	1,358	8,350		(9,825)
100 FINANCE CHARGES		SUB-TOTAL CATEGORIES 10 TO 80	1,063,101	128,220	1,191,321	12.06%	1,507,035	62,269	1,569,304	4.13%	443,934
	90	UNALLOCATED CONTINGENCIES			179,931				8,996		
TOTAL PROJECT COST 10 TO 100 1,371,252 1,507,035 62,269 1,578,300	100	FINANCE CHARGES			-						
	TOTAL PR	ROJECT COST 10 TO 100			1,371,252		1,507,035	62,269	1,578,300		

CENTE	ARING ESTIMATED COST IN YEAR OF EXP RAL SUBWAY PROJECT, SAN FRANCISCO												
	PACKAGE MAIN WORKSHEET	CALIFORNIA INCLUDING ONLY APPROVED CHANGE ORDERS PMOC CAPITAL COST ESTIMATE UPDATE REPORT FOR JANUARY 2014 Date: March 1, 2014											
		_		3/11/09 YEAR OF	UPDATED PROJE				March 1, 2014				
	All costs in Year of Expenditure		TURE ESTIMA			ESTIMATED CO		DIFFERENCE					
		Base in SMTA Cont in Ma		Base + Allocated	Contract Amount +	Cont in Main	Estimated Total	Between Entry	Comments and Source of Cost	Difference from			
SCC	OATEOODY ITEM	Main Worksheet	Worksheet	Cont in SMTA	Authorized Change	Worksheet	Completion at	into Final Design	Reimbursement	Previous			
OR CP	CATEGORY ITEM	Year of Expenditure	Year of Expenditure	Main Worksheet YOE	Order or Est Amount + Escal	Year of Expenditure	Year of Expenditure	& Current		November 2013 Report			
10-50	CONSTRUCTION CONTRACT PACKAGES	846,648,601	56,154,843	902,803,445	1,136,380,884	40,770,645	1,177,151,529	274,348,084	Considerable decrease	(4,528,420			
1250	Utility Relocation Package #1	5,709,853	3,328,106	9,037,958	12,137,102	-	12,137,102	3,099,144		0			
	Utility Relocation Package #2	3,493,843	2,914,799	6,408,642	20,870,197	-	20,870,197	14,461,555		(77,883			
1252	Guideway Tunnel	231,405,138	35,453,453	266,858,591	232,391,834	19,700,645	252,092,479	(14,766,112)	A \$2.1M decrease excludes retriever	(2,109,287			
1253	Union Square/Market Street Station [UMS]	199,666,377	-	199,666,377	294,120,586	4,910,000	299,030,586	99,364,209	shaft	0			
	China Town Station [CTS]	167,946,095	-	167,946,095	247,567,811	5,000,000	252,567,811	84,621,716		1			
	Moscone Station [MOS]	102,067,978	-	102,067,978	158,089,000	5,000,000	163,089,000	61,021,022		0			
	Surface Trackwork & Systems	115,192,611	14,197,477	129,390,089	139,989,000	5,000,000	144,989,000	15,598,911		0			
	OTHERS			, ,	, ,		· · · · · ·	, ,		0			
	Department of Technology Utility Rel 1 & 2				979,002	-	979,002	979,002		(220,998			
	Public Art Program	10,358,619		10,358,619	8,175,560	1,160,000	9,335,560	(1,023,059)		0			
	Fare Collection Equipment	2,610,081	261,008	2,871,089	6,100,000	-	6,100,000	3,228,911		0			
	Job Order Contracts [JOB's]	-	-	-	0	-	0	0		(117,254			
	Additional Insurance Coverage	-	-	-	18,088,750	-	18,088,750	18,088,750	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(2,000,000			
	Public Agencies - Utility Coordination				1,608,020	-	1,608,020		Large decrease in Utility Agency costs	(2,002,999			
	Utility Fee Connection	8,198,007	-	8,198,007	1,988,173	-	1,988,173	(6,209,834)		0			
	Utility Relocation Credit Form B	-	-	-	(12,227,954)	-	(12,227,954)	(12,227,954)		0			
	Traction Power & Relocate Water Line	-	-	-	258,202	-	258,202	258,202		0			
	Temporary License Agreement	-	-	-	487,972	-	487,972	487,972		0			
	Communication Connection Cost	-	-	-	5,757,629	-	5,757,629	5,757,629		0			
	ROW, LAND, EXISTING IMPROVEMENTS	23,747,333	10,277,667	34,025,000	36,511,799	1,000,000	37,511,799	3,486,799		0			
	Purchase or lease of Real Estate	18,828,532	9,413,759	28,242,291	34,331,288	1,000,000	35,331,288		A \$3.265M reduction form amount	0			
60.02	Relocation of Existing Households	4,918,801	863,908	5,782,709	2,180,511	-	2,180,511	(3,602,198)	stated in Dec 2013	0			
70	VEHICLES	25,726,294	2,429,706	28,156,000	24,108,712	2,276,941	26,385,653	(1,770,347)	No change	0			
70.01	Light Rail	22,867,817	2,286,782	25,154,599	21,697,841	2,169,784	23,867,625	(1,286,974)		0			
70.07	Spare parts	2,858,477	142,924	3,001,401	2,410,871	107,157	2,518,028	(483,373)		0			
80	PROFESSIONAL SERVICES	320,097,000	-	320,097,000	310,033,997	18,221,079	328,255,076	9,466,243	Decrease	(584,044			
80.01	Preliminary Engineering	42,448,547	-	42,448,547	46,202,673	-	46,202,673	3,754,126		0			
80.02	Final Design	41,126,916	-	41,126,916	61,322,751	-	61,322,751	20,195,835		135,147			
80.03	Project Management for Design & Construction	155,296,949	-	155,296,949	85,042,634	13,905,845	98,948,479	(56,348,470)	Cost transferred to 80.04	(4,220,921			
80.04	Construction Administration & Management	40,698,511	-	40,698,511	95,092,947	2,956,812	98,049,759	57,351,248		4,072,496			
80.05	Insurances	-	-	-	6,800,000	-	6,800,000	6,800,000		0			
80.06	Legal: Permits. Review Fees by other agencies	9,006,152	-	9,006,152	7,697,985	-	7,697,985	-		(520,766			
80.07	Surveys, Testing, Investigation. Inspection	13,508,693	-	13,508,693	883,100	-	883,100	(12,625,593)		0			
	Start-up	18,011,233	-	18,011,233	6,991,907	1,358,422	8,350,329	(9,660,904)		(50,000			
	SUB-TOTAL CATEGORIES 10 TO 80	1,216,219,228	68,862,216	1,285,081,445	1,507,035,392	62,268,665	1,569,304,057	285,530,779	Considerable decrease	(5,112,464			
90	UNALLOCATED CONTINGENCIES			293,218,555			8,995,943	(284,222,612)	Considerable increase	5,112,464			
100	FINANCE CHARGES	Non Allocated		-	Non Allocated								
	TOTAL PROJECT COST 10 TO 100			1,578,300,000			1,578,300,000						
	TOTAL CONTINGENCY			362,080,772			71,264,608	(290,816,164)	Contingency decreased by \$45,000	(44,916			
	CONTINGENCY PERCENTAGE			29.77%			4.73%						
	CONTINGENCY BUFFER			350,000,000			180,000,000		Reduced after Station Construction Start				
	BELOW OR ABOVE BUFFER			12,080,772			(108,735,392)		Currently \$108.74M below buffer				
				12,000,112	II .		(100,100,082)	11 (120,010,104)	HOGITOTILIY WITOU. 1 TIVI DOLOW DULLEL				
							140 000 000		·				
	CONTINGENCY MINIMUM BELOW OR ABOVE MINIMUM			280,000,000 82,080,772			140,000,000 (68,735,392)	(150.816.164)	Reduced after Station Construction Start Currently \$68.76M below minimum				

Note The above Allocated Contingencies used are based upon CSP reported amounts and differ considerable to those originally recommended in the Risk Workshop. Minimum contingency amount reduced to \$140,000 after construction start on the stations, in accordance with the agreed revised project contingency drawdown graph.

BACK	BACK-UP SHEET TO PAGE ONE SHOWING BASE YEAR COST PLUS ALLOCATED CONTINGENCY Report Date: March 1, 2014												
CENTRAL SUBWAY PROJECT, SAN FRANCISCO, CALIFORNIA INCLUDING ONLY APPROVED CHANGE ORDERS													
WORK	WORK PACKAGE MAIN WORKSHEET PMOC CAPITAL COST ESTIMATE UPDATE REPORT FOR JANUARY 2014												
	Base year cost in 2009 for Entry into FD and 2010 for Updated Project Cost	ENTRY INTO FINAL DESIGN ESTIMATE 8/11/09				UPDATED PROJECT COST JANUARY 2014						DIFFERENCE	
SCC OR CP	CATEGORY ITEM	Base in SMTA Main Worksheet (2009)	Allocated Contingency in Main Worksheet (2009)	Base + Allocated Cont in SMTA Main Worksheet (2009)	Allocated Contingency Percentage	Original Bid or Estimate Amount	Authorized Change Orders	Contract Amount + Authorized Change Order or Est Amount	Allocated Contingency in Main Worksheet	Base + Allocated Cont in Main Worksheet	Allocated Contingency Percentage	Base + Allocated Contingency (2009)	
10-50	CONSTRUCTION CONTRACT PACKAGES	722,808,609	48,848,763	771,657,372	6.76%	1,131,361,122	5,019,762	1,136,380,884	40,770,645	1,177,151,529	3.60%	404,747,983	
1250	Utility Relocation Package #1	5,223,696	3,044,739	8,268,435	58.29%	9,273,939	2,863,163	12,137,102		12,137,102	0.00%	3,868,667	
	Utility Relocation Package #2	3,196,365	2,666,623	5,862,988	83.43%	16,832,550	4,037,647	20,870,197		20,870,197	0.00%	15,007,209	
1252	Guideway Tunnel	203,257,210	31,140,788	234,397,998	15.32%	232,021,627	370,207	232,391,834	19,700,645	252,092,479	8.49%	17,694,481	
	Union Square/Market Street Station [UMS]	169,126,743	-	169,126,743	0.00%	294,030,590	89,996	294,120,586	4,910,000	299,030,586	1.67%		
1254	China Town Station [CTS]	142,620,024	-	142,620,024	0.00%	247,567,811		247,567,811	5,000,000	252,567,811	2.02%	109,947,787	
	Moscone Station [MOS]	86,073,426	-	86,073,426	0.00%	158,089,000		158,089,000	5,000,000	163,089,000	3.16%	77,015,574	
1256	Surface Trackwork & Systems	95,630,320	11,786,427	107,416,747	12.32%	139,989,000		139,989,000	5,000,000	144,989,000	3.57%	37,572,253	
	OTHERS												
	Department of Parking and Traffic					1,200,000	(220,998)	979,002		979,002	10.00%	979,002	
	Public Art Program	8,078,967		8,078,967	0.00%	8,175,560		8,175,560	1,160,000	9,335,560	10.00%	1,256,593	
	Fare Collection Equipment	2,101,858	210,186	2,312,044	10.00%	6,100,000		6,100,000		6,100,000	0.00%	3,787,956	
	Job Order Contracts [JOB's]					117,254	(117,254)	0		0	0.00%	0	
	Additional Insurance Coverage					18,088,750		18,088,750		18,088,750	0.00%	,,	
	Public Agencies - Utility Coordination				0.000/	3,611,019	(2,002,999)	1,608,020		1,608,020	0.00%	1,608,020	
	Utility Fee Connection	7,500,000		7,500,000	0.00%	1,988,173		1,988,173		1,988,173	0.00%	(5,511,827)	
	Private Utility Credit Form B					(12,227,954)		(12,227,954)		(12,227,954)	0.00%	(12,227,954)	
	Misc. Construction Work					258,202		258,202		258,202 487,972			
	ATCS Central Control Communication Connection Cost					487,972 5,757,629		487,972 5,757,629		5,757,629	0.00%	5,757,629	
60	ROW, LAND, EXISTING IMPROVEMENTS	23,420,000	10,136,000	33,556,000	43.28%	36,511,799	0	36,511,799	1,000,000	37,511,799	2.74%	3,955,799	
60.01	Purchase or lease of Real Estate	18,569,000	9,284,000	27,853,000	50.00%	34,331,288		34,331,288	1,000,000	35,331,288	2.00%	7,478,288	
60.02	Relocation of Existing Households	4,851,000	852,000	5,703,000	17.56%	2,180,511		2,180,511	•	2,180,511	2.00%	(3,522,489)	
70	VEHICLES	18,000,000	1,700,000	19,700,000	9.44%	24,108,712	0	24,108,712	2,276,941	26,385,653	9.44%	6,685,653	
70.01	Light Rail	16,000,000	1,600,000	17,600,000	10.00%	21,697,841		21,697,841	2,169,784	23,867,625	10.00%	6,267,625	
	Spare parts	2,000,000	100,000	2,100,000	5.00%	2,410,871		2,410,871	107,157	2,518,028	4.44%	418,028	
	PROFESSIONAL SERVICES	298,873,000	0	298,873,000	0.00%	320,198,175	(10,164,178)	310,033,997	18,221,079	328,255,076	5.69%		
80.01	Preliminary Engineering	39,634,000		39,634,000	0.00%	46,202,673	0	46,202,673		46,202,673	0.00%	6,568,673	
	Final Design	38,400,000		38,400,000	0.00%	73,334,344	(12,011,593)	61,322,751		61,322,751	0.00%	22,922,751	
	Project Management for Design & Construction	145,000,000		145,000,000	0.00%	89,263,555	(4,220,921)	85,042,634	13,905,845	98,948,479	15.58%	(46,051,521)	
	Construction Administration & Management	38,000,000		38,000,000	0.00%	91,052,174	4,040,773	95,092,947	2,956,812	98,049,759	3.25%	60,049,759	
	Insurances	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		-	0.0076	6,800,000	,,	6,800,000	, ,	6,800,000	0.00%	6,800,000	
80.06	Legal: Permits. Review Fees by other agencies	8,409,000		8,409,000	0.00%	6,179,764	1,518,221	7,697,985	-	7,697,985	0.00%	(711,015)	
80.07	Surveys, Testing, Investigation. Inspection	12,613,000		12,613,000	0.00%	323,758	559,342	883,100		883,100	20.00%	(11,729,900)	
80.08	Start-up	16,817,000		16,817,000	0.00%	7,041,907	(50,000)	6,991,907	1,358,422	8,350,329	19.29%	(8,466,671)	
	SUB-TOTAL CATEGORIES 10 TO 80	1,063,101,609	60,684,763	1,123,786,372	5.71%	1,512,179,808	(5,144,416)	1,507,035,392	62,268,665	1,569,304,057	4.12%	444,771,511	
90	UNALLOCATED CONTINGENCIES			179,930,000						(265,587,685)		445,517,685	
100	FINANCE CHARGES			-									
TOTAL	PROJECT COST 10 TO 100			1,303,716,372						1,303,716,372			