

PROGRESS PAYMENT APPLICATION NO.: **4**

SFMTA CONTRACT NO.: CS-156-2  
 Blanket Purchase Order Document No.: BPPT11000109  
 AWP Document No.: DPPT11003113  
 INDEX CODE: 68CPT5441237

CONTRACTOR: Hill International  
 ADDRESS: 303 Lippincott Centre  
 Marlton, NJ 08053

PAYMENT PERIOD: 1/1/2012 TO 5/31/2012

CONTRACT TITLE: Procurement and Implementation of an Agency Capital Program Controls System and Related Support Services  
 Task 2

**CERTIFICATE OF PROGRESS PAYMENT**

CONTRACTOR'S PROGRESS PAYMENT REQUEST WAS RECEIVED BY PROGRAM MANAGER ON: Thursday, June 14, 2012  
 REQUEST FOR PAYMENT IS HEREBY MADE:

EARNINGS		
Bond	\$54,650.00	
Deliverable - Per Attached	\$897,969.00	
<b>TOTAL PROGRESS EARNINGS TO DATE:</b>		<b>\$952,619.00</b>
DEDUCTIONS		
PREVIOUS PROGRESS PAYMENTS:	\$641,348.30	
10 % RETENSION:	\$89,796.90	
OTHER DEDUCTIONS:	\$0.00	
<b>TOTAL DEDUCTIONS TO DATE:</b>		<b>\$731,145.20</b>
<b>TOTAL AMOUNT DUE TO CONTRACTOR ON THIS PAYMENT APPLICATION:</b>		<b>\$221,473.80</b>

RECONCILIATION - CURRENT PROGRESS PAYMENT PERIOD		
PROGRESS EARNINGS THIS PERIOD - (PAYMENT APPLICATION ATTACHED):		\$246,082.00
10 % RETENSION:	\$24,608.20	
LESS: OTHER DEDUCTIONS	\$0.00	
<b>TOTAL DEDUCTIONS THIS PERIOD:</b>		<b>\$24,608.20</b>
<b>TOTAL AMOUNT DUE TO CONTRACTOR ON THIS PAYMENT APPLICATION:</b>		<b>\$221,473.80</b>

**CONTRACT COST SUMMARY**

AWP Year	AWP Doc No	Index Codes	Authorized Amount	Modifications	Total
2011	DPPT11003113	68CPT5441237	\$ 1,774,864.00		\$ 1,774,864.00
TOTAL			\$ 1,774,864.00	\$ -	\$ 1,774,864.00

Includes Modification #s: none

EARNED PERCENTAGE TO DATE (Authorized Amount): **53.7%**

**SAN FRANCISCO MUNICIPAL TRANSPORTATION AGENCY**

**SUBMITTED FOR PAYMENT:**

\_\_\_\_\_  
 ANDREW J HOWARD IV DATE  
 PROGRAM MANAGER

**REVIEWED FOR PAYMENT:**

\_\_\_\_\_  
 MARIO GALLARDO DATE  
 CONTRACT ADMINISTRATION

**APPROVED BY:**

\_\_\_\_\_  
 SHAHNAF FARHANGI DATE  
 ACTING DIRECTOR, CAPITAL PROG. & CONSTRUCT

Payment to be made to the Contractor by:  
**June 29, 2012**

SFMTA SBE FORM No. 6  
 PROGRESS PAYMENT REPORT

To be completed by Consultant and submitted to Project Manager with its monthly progress payment application (transmit and copy to all of the following.)

TRANSMITTAL To: Project Manager Copy: Contract Compliance Office

From: Consultant Hill International, Inc Date Transmitted: 6/14/2012

**PART 1: Fill in all blanks and check the box below.**

Contract Number: CS-156 Contract Title: Capital Program Controls System Procurement & Support Services

Reporting Period (Month and Year): 01/01/2012 - 05/31/2012

Corresponding Progress Payment No.: 4 - Task II

Note: The information submitted on Parts 1 and 2 of this form is accurate for the progress payment period immediately preceding that of the current payment application attached herewith.

1. Amount of Prime Contract	\$1,774,864.00
2. Amount of Change Orders, Amendments and Modifications to Date	
3. Total Contract to Date including Change Orders, Amendments and Modifications (Line 1 + Line 2)	\$1,774,864.00
4. Amount Invoiced this Reporting Period	\$246,082.00
5. Total Amount PAID to Date including Retention (excluding Line 4)	\$641,348.30
6. Total Amount UNPAID to Date including Retention (excluding Line 4)	\$65,188.70
7. Amount of Progress Payment Requested to Date (Line 4, 5 & 6)	\$952,619.00
8. Percent Complete (Line 6 ÷ Line 3)	53.67%
9. Reporting Period - From (date): <u>1/1/2012</u>	To (date): <u>5/31/2012</u>

**Consultant, including each joint venture partner, must execute this form.**

Owner/Authorized Representative (Signature)

Jim Palmer 6-14-12

Name & Title (Please Print) Date

Hill International, Inc

Firm Name

Telephone Fax

Owner/Authorized Representative

Name & Title (Please Print) Date

Firm Name

Telephone Fax

POST AWARD SUBMITTAL

**PART 2: Provide complete information in the following table for Consultant, each SBE joint venture partner and all subconsultants. Make copies of this sheet as needed. Attach copies of all invoices from subconsultants supporting the information tabulated on this form and Consultant's invoice and Contract Payment Authorization for the immediately preceding progress payment period.**

**Note: Failure to submit all required information may lead to partial withholding of progress payments. See 49 CFR Sections 26.29, 26.37.**

A Name of Firm (List consultant, including each joint venture partner, and all subconsultants, and indicate if firm is a SBE.)	B Portion of Work	C Amount of Subcontract or Purchase Order	D Amount of Change Orders to Date	E Total Amount Subcontract or Purchase Order to Date + Change Orders (C + D)	F Amount Invoiced this Reporting Period	G Amount of Progress Payments Paid AND Unpaid to Date	H Percent Completed to Date [F + G] / E
Hill International, Inc.	33.60%	596,354.30	0.00	596,354.30	71,216.00	391,002.00	77.51%
Stellar Consulting	62.80%	1,114,614.60	0.00	1,114,614.60	174,866.00	523,517.00	62.66%
EcoSys	3.60%	63,895.10	0.00	63,895.10		38,100.00	59.63%
TOTALS	100.00%	1,774,864.00	0.00	1,774,864.00	246,082.00	952,619.00	53.67%

SFMTA SBE FORM No. 7  
SUBCONSULTANT PAYMENT DECLARATION

(To be completed and submitted by Consultant, including all joint venture partners, if any, and submitted to the Contract Compliance Office within 5 working days following actual payment to subconsultant. Payments to subconsultant shall be made no later than 3 working days following receipt of progress payment from the City).

TRANSMITTAL TO: Contract Compliance Office

COPY TO: Project Manager

From: Prime Consultant: Hill International, Inc

Date Transmitted: 1/11/2012

Provide the following information for each progress payment received from SFMTA. Use additional sheets to include complete payment information for all subconsultants and vendors utilized on this Contract including each joint venture partner. Failure to submit all required information may lead to partial withholding of progress payment.

Contract No: CS-156 Contract Title: Capital Program Controls System Procurement & Support Services  
Contract Awarding Department:


Progress Payment No.: 3 - Task II Period Ending: 12/31/2011  
Amount Received: \$ 186,913.90 Date: 1/31/2012 Warrant/Check No. 4103983


Prime JV/Subconsultant/ Vendor Name	Business Address	Amount Paid	Payment Date	Check Number
Hill International, Inc	303 Lippincott Center, Marlton, NJ 08053			
Stellar Services	70 W 36th Street, Suite 702, New York, NY 10018	\$ 181,027.00	3/2/2012	144080
Eco Sys	800 West Chester Avenue, Suite 710, Rye Brook, NY 10573			

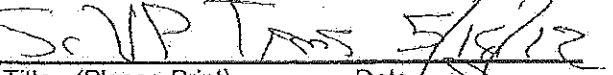
We declare under penalty of perjury under the laws of the State of California that the above information is complete, and that the tabulated amounts paid to date are accurate and correct.

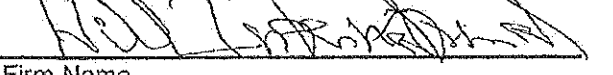
Prime Consultant, including each joint venture partner, must sign this form.  
Page 1 of 2

POST AWARD SUBMITTAL

  
Owner/Authorized Representative (Signature)

  
Name (Please Print)

  
Title (Please Print)      Date

  
Firm Name

Telephone      Fax

Owner/Authorized Representative

Name (Please Print)

Title (Please Print)      Date

Firm Name

Telephone      Fax

APPLICATION FOR PROGRESS PAYMENT  
 Hill International  
 Address

Application No. 4  
 Period Ending 05/31/12  
 Date Submitted 06/14/12

ITEM NO.	DESCRIPTION	UNIT	UNIT PRICE	CONTRACT QUANTITY	CONTRACT AMOUNT	PREVIOUS PERIOD QUANTITY	PREVIOUS PERIOD AMOUNT	THIS PERIOD QUANTITY	THIS PERIOD AMOUNT	TOTAL TO DATE QUANTITY	TOTAL TO DATE AMOUNT
<b>1 START UP PHASE</b>											
ST1.1.0	Project Management & Quality Plan (P&Q)	LS	\$68,072.00	1	\$68,072.00	0	\$0.00	0	\$0.00	1	\$68,072.00
ST1.2.0	Baseline Resource Loaded Project Schedule	LS	\$23,760.00	1	\$23,760.00	0	\$0.00	0	\$0.00	1	\$23,760.00
ST1.3.0	Communications/Organizational Change Management Plan	LS	\$12,480.00	1	\$12,480.00	0	\$0.00	0	\$0.00	1	\$12,480.00
ST1.4.0	Core Project Team Training Plan	LS	\$32,000.00	1	\$32,000.00	0	\$0.00	0	\$0.00	1	\$32,000.00
SUBTOTAL:				4	\$157,312.00	0	\$0.00	0	\$0.00	4	\$157,312.00
<b>2 BUSINESS ANALYSIS PHASE</b>											
BA.5.0	Project Kick-Off	LS	\$7,664.00	1	\$7,664.00	0	\$0.00	0	\$0.00	1	\$7,664.00
BA.6.0	Business Process Reengineering (BPR) Recommendations	LS	\$15,836.00	1	\$15,836.00	0	\$0.00	0	\$0.00	1	\$15,836.00
BA.7.0	RIS Analysis	LS	\$139,776.00	1	\$139,776.00	0	\$0.00	0	\$0.00	1	\$139,776.00
BA.8.0	Updated Business Requirements & Traceability Matrix	LS	\$5,084.00	1	\$5,084.00	0	\$0.00	0	\$0.00	1	\$5,084.00
BA.9.0	Core Project Team Training	LS	\$5,800.00	1	\$5,800.00	0	\$0.00	0	\$0.00	1	\$5,800.00
BA.10.0	Technical Infrastructure Analysis, Procurement Specifications & Acquisition Support	LS	\$23,828.00	1	\$23,828.00	0	\$0.00	0	\$0.00	1	\$23,828.00
BA.11.0	Software & Hardware Installation & Technical Environments Maintenance	LS	\$145,800.00	1	\$145,800.00	0	\$0.00	0	\$0.00	1	\$145,800.00
SUBTOTAL:				7	\$443,888.00	0	\$0.00	0	\$0.00	7	\$443,888.00
<b>3 DESIGN PHASE</b>											
DS.12.0	Fit-Gap Analysis	LS	\$28,152.00	1	\$28,152.00	0	\$0.00	0.75	\$21,114.00	1.75	\$21,114.00
DS.13.0	Functional & Technical Specifications for Reports	LS	\$19,740.00	1	\$19,740.00	0	\$0.00	0	\$0.00	1	\$19,740.00
DS.14.0	Functional & Technical Specifications for Interfaces and Systems Integration	LS	\$15,000.00	1	\$15,000.00	0	\$0.00	0	\$15,000.00	1	\$15,000.00
DS.15.0	Functional & Technical Specifications for Data Conversion	LS	\$17,400.00	1	\$17,400.00	0	\$0.00	0	\$17,400.00	1	\$17,400.00
DS.16.0	Functional Specifications for Security	LS	\$17,400.00	1	\$17,400.00	0	\$0.00	0	\$17,400.00	1	\$17,400.00
DS.17.0	Requirements Gap Cost-Benefit Analysis and Customizations Approval	LS	\$31,592.00	1	\$31,592.00	0	\$0.00	0	\$31,592.00	1	\$31,592.00
DS.18.0	Final To-Go Functional Design and Business Changes	LS	\$74,800.00	1	\$74,800.00	0	\$0.00	0	\$0.00	1	\$74,800.00
DS.19.0	Functional and Technical Specifications for Workflow	LS	\$59,440.00	1	\$59,440.00	0	\$0.00	0	\$0.00	1	\$59,440.00
DS.20.0	Best Practice Organizational Model Recommendations	LS	\$33,000.00	1	\$33,000.00	0	\$0.00	0	\$0.00	1	\$33,000.00
DS.21.0	Training Assessment Findings & Recommendations	LS	\$33,160.00	1	\$33,160.00	0	\$0.00	0	\$0.00	1	\$33,160.00
SUBTOTAL:				11	\$329,684.00	0	\$0.00	0	\$112,508.00	11	\$112,508.00
<b>4 DEVELOPMENT PHASE</b>											
DV.22.0	Application/Workflow Configuration & Documentation	LS	\$60,400.00	1	\$60,400.00	0	\$0.00	0	\$0.00	1	\$60,400.00
DV.23.0	Queries and Reports Development & Documentation	LS	\$61,600.00	1	\$61,600.00	0	\$0.00	0	\$0.00	1	\$61,600.00
DV.24.0	Interfaces and Integration Development & Documentation	LS	\$111,600.00	1	\$111,600.00	0	\$0.00	0	\$0.00	1	\$111,600.00
DV.25.0	Data Conversion Implementation & Reconciliation Post-Documentation	LS	\$175,120.00	1	\$175,120.00	0	\$0.00	0	\$0.00	1	\$175,120.00
DV.26.0	Security Implementation & Documentation	LS	\$30,080.00	1	\$30,080.00	0	\$0.00	0	\$0.00	1	\$30,080.00
DV.27.0	Propose Unit & Functional Testing Results Documentation	LS	\$51,120.00	1	\$51,120.00	0	\$0.00	0	\$0.00	1	\$51,120.00
DV.28.0	Requirement Traceability Validation	LS	\$39,144.00	1	\$39,144.00	0	\$0.00	0	\$0.00	1	\$39,144.00
DV.29.0	Validation (Testing) Phase Plan	LS	\$97,560.00	1	\$97,560.00	0	\$0.00	0	\$0.00	1	\$97,560.00
DV.30.0	Training Materials Development	LS	\$289,000.00	1	\$289,000.00	0	\$0.00	0	\$0.00	1	\$289,000.00
SUBTOTAL:				11	\$984,624.00	0	\$0.00	0	\$0.00	11	\$984,624.00
<b>5 VALIDATION PHASE</b>											
VL.31.0	Deliver UAT Orientation/Training	LS	\$48,920.00	1	\$48,920.00	0	\$0.00	0	\$0.00	1	\$48,920.00
VL.32.0	Implementation UAT Testing & Formal Sign-off of Functional Testing	LS	\$145,000.00	1	\$145,000.00	0	\$0.00	0	\$0.00	1	\$145,000.00
VL.33.0	Implementation Performance Testing & Acceptance	LS	\$33,200.00	1	\$33,200.00	0	\$0.00	0	\$0.00	1	\$33,200.00
VL.34.0	IT Operations Procedures & Training	LS	\$23,456.00	1	\$23,456.00	0	\$0.00	0	\$0.00	1	\$23,456.00
VL.35.0	Final Training Materials	LS	\$14,600.00	1	\$14,600.00	0	\$0.00	0	\$0.00	1	\$14,600.00
SUBTOTAL:				5	\$265,176.00	0	\$0.00	0	\$0.00	5	\$265,176.00
<b>6 DEPLOYMENT PHASE</b>											
DP.36.0	Deliver Formal End User Training	LS	\$42,920.00	1	\$42,920.00	0	\$0.00	0	\$0.00	1	\$42,920.00
DP.37.0	Go-Live Help Desk and Field Support Operations and Logistics Plan	LS	\$75,000.00	1	\$75,000.00	0	\$0.00	0	\$0.00	1	\$75,000.00
DP.38.0	Go-Live Plan and Go-Live Communications	LS	\$21,736.00	1	\$21,736.00	0	\$0.00	0	\$0.00	1	\$21,736.00
DP.39.0	Go-Live Readiness Checklist Assessment	LS	\$10,104.00	1	\$10,104.00	0	\$0.00	0	\$0.00	1	\$10,104.00
DP.40.0	Post-Production Support Plan	LS	\$27,000.00	1	\$27,000.00	0	\$0.00	0	\$0.00	1	\$27,000.00
DP.41.0	Implement Cut-over (Go-Live)	LS	\$11,200.00	1	\$11,200.00	0	\$0.00	0	\$0.00	1	\$11,200.00
DP.42.0	Post-Production Issues Management & Resolution	LS	\$247,200.00	1	\$247,200.00	0	\$0.00	0	\$0.00	1	\$247,200.00
DP.43.0	Final System Acceptance	LS	\$9,888.00	1	\$9,888.00	0	\$0.00	0	\$0.00	1	\$9,888.00
SUBTOTAL:				7	\$445,948.00	0	\$0.00	0	\$0.00	7	\$445,948.00

APPLICATION FOR PROGRESS PAYMENT  
 Hill International  
 Address

Application No. 4  
 Period Ending 05/31/12  
 Date Submitted 06/14/12

ITEM NO.	DESCRIPTION	UNIT	UNIT PRICE	CONTRACT		PREVIOUS PERIOD		THIS PERIOD		TOTAL TO DATE		
				QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	
7	Additional Proposed Items											
	DPPT1-1003113 TO # 2 2011		\$2,499,712.00		\$2,499,712.00		\$564,582.00		\$192,506.00		\$667,088.00	
	While Pl. Insurance Bond	LS	\$53,548.00	1	\$53,548.00	1	\$54,689.00	0	\$0.00	0	\$54,689.00	
	Seller Bond	LS	\$50,408.00	1	\$50,408.00	0	\$0.00	0	\$0.00	0	\$0.00	
	Procurement of Software	LS	\$700,534.00	1	\$700,534.00	0	\$0.00	0	\$90.00	0	\$0.00	
	Year 1 Software Support & Maintenance	LS	\$118,864.00	1	\$118,864.00	0	\$0.00	0	\$0.00	0	\$0.00	
	Extra Software Allowance	LS	\$230,612.00	1	\$230,612.00	0	\$0.00	0	\$0.00	0	\$0.00	
	Allowance for Supplemental & Customization Work (SUPP & CUS)	LS	\$1,502,000.00	1	\$1,502,000.00	0.0855	\$87,325.00	0.0956	\$143,576.00	0.1811	\$230,901.00	
	TOTAL											
	DETAILED ALLOWANCE FOR SUPPLEMENTAL											
SUPP 1	Acceleration of EPC for Central Subway	LS	\$33,800.00	1	\$33,800.00	0	\$0.00	0	\$0.00	0	\$0.00	
SUPP 2	Install New Infrastructure	LS	\$40,950.00	1	\$40,950.00	1	\$40,950.00	0	\$0.00	1	\$40,950.00	
SUPP 3	Additional for Infrastructure	LS	\$46,375.00	1	\$46,375.00	1	\$46,375.00	0	\$0.00	1	\$46,375.00	
SUPP 4	Pg Pilot Project Supplemental	LS	\$25,046.00	1	\$25,046.00	0	\$0.00	0	\$0.00	0	\$0.00	
	DETAILED ALLOWANCE FOR CUSTOMIZATION											
CUS 2.2	Integration with CRIS	LS	\$15,000.00	1	\$15,000.00	0	\$0.00	1	\$15,000.00	1	\$15,000.00	
CUS 3.0	Budget Revision Form	LS	\$101,398.00	1	\$101,398.00	0	\$0.00	0	\$0.00	0	\$0.00	
CUS 4.2	Storage Interface	LS	\$51,480.00	1	\$51,480.00	0	\$0.00	1	\$51,480.00	1	\$51,480.00	
CUS 4.4	Labor Rate Interface Step 1	LS	\$48,472.00	1	\$48,472.00	0	\$0.00	1	\$48,472.00	1	\$48,472.00	
CUS 4.5	elkridge & Labor Rate Interface Step 2	LS	\$113,378.00	1	\$113,378.00	0	\$0.00	0	\$0.00	0	\$0.00	
CUS 5.2	FAMIS Interface	LS	\$51,862.00	1	\$51,862.00	0	\$0.00	0	\$0.00	0	\$0.00	
CUS 10.11	Doc Mgmt SP 2010 Step 1	LS	\$28,624.00	1	\$28,624.00	0	\$0.00	1	\$28,624.00	1	\$28,624.00	
CUS 10.12	Doc Mgmt SP 2010 Step 2	LS	\$122,713.00	1	\$122,713.00	0	\$0.00	0	\$0.00	0	\$0.00	
CUS 10.14	Adtd App Option 2 CA Checklist Application	LS	\$6,954.00	1	\$6,954.00	0	\$0.00	0	\$0.00	0	\$0.00	
CUS 10.2	Scanning & Historic Doc Migration	LS	\$10,900.00	1	\$10,900.00	0	\$0.00	0	\$0.00	0	\$0.00	
CUS 10.3	Design Review Comments	LS	\$60,600.00	1	\$60,600.00	0	\$0.00	0	\$0.00	0	\$0.00	
CUS 13.0	Forms & Workflow	LS	\$99,008.00	1	\$99,008.00	0	\$0.00	0	\$0.00	0	\$0.00	
CUS 14.1	Dev/Approval ROM Scope, Bud Estimate	LS	\$81,993.00	1	\$81,993.00	0	\$0.00	0	\$0.00	0	\$0.00	
	Available Customizations		\$6287,370.00		\$6287,370.00	0	\$0.00	0	\$0.00	0	\$0.00	
	SUBTOTAL:		\$2,655,955.00		\$2,655,955.00		\$141,975.00		\$143,576.00		\$285,551.00	
CM	CONTRACT MODIFICATIONS											
	SUBTOTAL:											
	TOTAL:		\$5,155,688.00		\$5,155,688.00		\$706,557.00		\$246,082.00		\$952,639.00	

INSURANCE STATUS (EXPIRATION DATES SHOWN): GL (04/2012), AUTO (04/2012), WORKER COMP (04/2012)

I certify that all subcontractors and suppliers who, whether directly to the Contractor or through intermediate subcontractors, performed work or supplied materials or equipment, payment for which was included in the previous progress payment received, have been paid all amounts due for all the work, materials, and equipment for which the Agency has so paid this Contractor

Contractor: Hill International, Inc.  
 Jim Palmer, Project Manager

**CS-156 CPCS Task 2 Deliverable Signoff/Approval Sheet**

Deliverable ID: <input type="text" value="Customization 4.2"/>  Deliverable Name: <input type="text" value="Original eMerge Interface Requirements"/>  Deliverable Type: <input checked="" type="checkbox"/> Functional <input checked="" type="checkbox"/> Technical <input type="checkbox"/> Organizational (Check all that apply)	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Version</th> <th style="text-align: center;">Submitted</th> <th style="text-align: center;">Comments</th> </tr> </thead> <tbody> <tr> <td align="center">1</td> <td align="center">17-May-12</td> <td></td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Version	Submitted	Comments	1	17-May-12										
Version	Submitted	Comments														
1	17-May-12															

**Purpose:** Develop eMerge Interface based on original requirements. Files were produced feeding eMerge and information was accepted producing a labor rate file. Specific tasks included: Additional Data Point Collection, Summary Interface File, Detailed eMerge File, Error Handling, Testing with eMerge and Project Management.

	Percent Complete	Future Payments
eMerge Interface Original Requirements: <input type="text" value="\$51,480"/> Total: <input type="text" value="\$51,480"/>	Customization 4.2	100% \$ -

**Submitter's Comments:**

<b>Hill Team Signoff:</b> _____ Deliverable Lead	<b>James W Palmer</b> _____ Implementation Manager <small>Digitally signed by James W Palmer                  DN: cn=James W Palmer, o=Hill International, ou=PM America's, email=jimpalmer@hillintl.com, c=US                  Date: 2012.05.21 09:45:20 -0700'</small>
--	---

<b>SFMTA Approval:</b> <b>Lucien Burgert</b> _____ Functional Lead <small>Digitally signed by Lucien Burgert                  Date: 2012.05.22 16:47:45 -0700'</small>	<b>Clarke Blair</b> _____ Implementation Manager <small>Digitally signed by Clarke Blair                  DN: cn=Clarke Blair, o=CS, ou=President, email=claireblair@hotmail.com, c=US                  Date: 2012.05.21 14:26:07 -0700'</small>
<b>Viridis Gamble</b> _____ Technical Lead <small>Digitally signed by Viridis Gamble                  DN: cn=Viridis Gamble, o=SFMTA, ou=IT, email=viridis.gamble@sfmta.com, c=US                  Date: 2012.05.22 10:57:40 -0700'</small>	<b>Howard, Drew</b> _____ Program Manager <small>Digitally signed by Howard, Drew                  DN: cn=Howard, Drew, email=DHoward@muni.sfgov.org                  Date: 2012.05.22 17:02:11 -0700'</small>
_____ Organizational Readiness Lead	
<b>Pay Deliverable (100%):</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	



## CS-156 CPCS Task 2 Deliverable Signoff/Approval Sheet

---

**Deliverable Scope: Client Decision and Next Steps**

The SFMTA has agreed to move forward with Option 1. The Hill/Stellar Team has met with the eMerge Team. It was identified that the eMerge Implementation schedule is slipping. This is a potential impact to the Project schedule. The results of this meeting will require us to merge our efforts with the Trapeze testing efforts. The plan is to duplicate the time sheets from the weeks of 10/29/11 to 11/11/11 and run them through the eMerge process. We require Drew Howard to request a preliminary test process be added to the eMerge Team's scope. We would like to target this preliminary testing process for mid-February 2012. Details of the eMerge Integration will be documented in DS14 – Functional and Technical Specifications – Integration.

**CS-156 CPCS Task 2 Deliverable Signoff/Approval Sheet**

Deliverable ID: <input type="text" value="Customization 4.4"/> Deliverable Name: <input type="text" value="Original Labor Rate Interface Requirements"/> Deliverable Type: <input checked="" type="checkbox"/> Functional <input checked="" type="checkbox"/> Technical <input type="checkbox"/> Organizational (Check all that apply)	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Version</th> <th style="text-align: center;">Submitted</th> <th style="text-align: center;">Comments</th> </tr> </thead> <tbody> <tr> <td align="center">1</td> <td align="center">17-May-12</td> <td></td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Version	Submitted	Comments	1	17-May-12										
Version	Submitted	Comments														
1	17-May-12															
Purpose: <input style="width:100%;" type="text" value="Develop original Labor Rate interface process which will include the following tasks: Additional effort to design solution, screen capturing multiplier rates, capturing PIF data (Alex Zhu file), integration with P6."/>																
Merge Interface Original Requirements <input type="text" value="\$48,472"/> Total: <input type="text" value="\$48,472"/>	Customization 4.4    Percent Complete: 100%    Future Payments: \$															
Submitter's Comments: <input style="width:100%; height: 40px;" type="text"/>																
Hill Team Signoff:	James W Palmer <small>Digitally signed by James W Palmer DN: cn=James W Palmer, o=Hill International, ou=PM America's, email=jim.palmer@hillintl.com, c=US Date: 2012.05.21 09:44:36 -0700</small>															
SFMTA Approval: <u>Lucien Burger</u> <small>Digitally signed by Lucien Burger DN: cn=Lucien Burger, o=SFMTA, ou=IT, email=vlucien@sfmta.com, c=US Date: 2012.05.22 16:46:00 -0700</small> Functional Lead	<u>Clarke Blair</u> <small>Digitally signed by Clarke Blair DN: cn=Clarke Blair, ou=SFMTA, email=clarke.blair@sfmta.com, c=US Date: 2012.05.21 14:26:38 -0700</small> Implementation Manager															
<u>Virdis Gamble</u> <small>Digitally signed by Virdis Gamble DN: cn=Virdis Gamble, o=SFMTA, ou=IT, email=virdis.gamble@sfmta.com, c=US Date: 2012.05.22 10:58:09 -0700</small> Technical Lead	<u>Howard, Drew</u> <small>Digitally signed by Howard, Drew DN: cn=Howard, Drew, email=DHoward@muni.sfgov.org Date: 2012.05.22 17:02:53 -0700</small> Program Manager															
Organizational Readiness Lead																
Pay Deliverable (100%): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																

## CS-156 CPCS Task 2 Deliverable Signoff/Approval Sheet

**Deliverable Scope:** There are actually multiple interfaces within this 4.4 request. We need to provide a screen to capture the multiplier from PUC. This multiplier is provided by PUC via a PDF and there is not a way to automate this PDF File. Secondly, we need to interface with the data from the PIF File on a daily basis to capture the changes. This current file is produced manually by Alex Zhu and emailed to Franco on a monthly basis.

**CS-156 CPCS Task 2 Deliverable Signoff/Approval Sheet**

<p>Deliverable ID: <input type="text" value="Customization 10.1"/></p> <p>Deliverable Name: <input type="text" value="EDMS Step 1 Design Documentation"/></p> <p>Deliverable Type: <input checked="" type="checkbox"/> Functional <input checked="" type="checkbox"/> Technical <input type="checkbox"/> Organizational <i>(Check all that apply)</i></p>	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Version</th> <th style="text-align: center;">Submitted</th> <th style="text-align: center;">Comments</th> </tr> </thead> <tbody> <tr> <td align="center">1</td> <td align="center">17-May-12</td> <td></td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Version	Submitted	Comments	1	17-May-12										
Version	Submitted	Comments														
1	17-May-12															
<p>Purpose: <input style="width:95%;" type="text" value="Develop Design document from interviews during step 1 of Customization 10.1."/></p>																
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Merge Interface Original Requirements</td> <td align="right">\$28,624</td> <td align="right">Percent Complete</td> <td align="right">Future Payments</td> </tr> <tr> <td>Total:</td> <td align="right">\$28,624</td> <td align="right">Customization 10.1</td> <td align="right">100% \$ -</td> </tr> </table>	Merge Interface Original Requirements	\$28,624	Percent Complete	Future Payments	Total:	\$28,624	Customization 10.1	100% \$ -	<p>Submitter's Comments: <input style="width:95%; height: 40px;" type="text"/></p>							
Merge Interface Original Requirements	\$28,624	Percent Complete	Future Payments													
Total:	\$28,624	Customization 10.1	100% \$ -													
<p>Hill Team Signoff:  Deliverable Lead</p>	<p><b>James W Palmer</b> Implementation Manager <small>Digitally signed by James W Palmer DN: cn=James W Palmer, o=Hill International, ou=PM America's, email=jmpalmer@hillintl.com, Date: 2012.05.21 09:46:13 -0700</small></p>															
<p>SFMTA Approval: <b>Lucien Burgert</b> Functional Lead <small>Digitally signed by Lucien Burgert DN: cn=Lucien Burgert, o=SFMTA, ou=IT, Date: 2012.05.22 16:47:11 -0700</small></p> <p><b>Viridis Gamble</b> Technical Lead <small>Digitally signed by Viridis Gamble DN: cn=Viridis Gamble, o=SFMTA, ou=IT, email=viridis.gamble@sfmta.com, c=US Date: 2012.05.22 10:58:39 -0700</small></p> <p>Organizational Readiness Lead</p>	<p><b>Clarke Blair</b> Implementation Manager <small>Digitally signed by Clarke Blair DN: cn=Clarke Blair, o=CSI, ou=President, email=clarkeblair@hotmail.com, c=US Date: 2012.05.21 14:27:33 -0700</small></p> <p><b>Howard, Drew</b> Program Manager <small>Digitally signed by Howard, Drew DN: cn=Howard, Drew, email=DHoward@muni.sfgov.org Date: 2012.05.22 17:02:34 -0700</small></p>															
<p>Pay Deliverable (100%): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>																

## CS-156 CPCS Task 2 Deliverable Signoff/Approval Sheet

### Deliverable Scope: Client

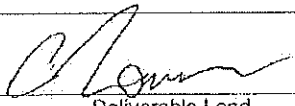
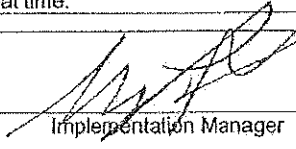
The SFMTA has agreed to move forward with Option 2. The Hill/Stellar team needs to conduct further analysis of the EDMS requirements and determine the differences between Central Subway and CPCS Document Management requirements. Several meetings will be required with key personnel to further understand the differences. We will also need to document the approach which will best support CPCS. Additional documentation and training materials will need to be created. The deliverable will be a functional design specification capturing the workflow, screen examples and business processes which will be utilized for the development. An example of the level of detail is captured in 18.5 – EDMS Design doc. Our efforts will include:

- Interviewing the different departments within CPCS to understand their current document management structures.
- During our interviews identify how a traditional EDMS Solution could help improve the overall document management processes.
- Document the design of the checklist(s) which will be used to capture the complete project document set.
- Document the design of the checklist utilized by Contract Management supporting the follow up processes and tracking of all final documents (maybe similar to the bullet above).
- Design the meta data screens for capturing the important information for the CPCS EDMS Solution.
- Develop a workflow and process to support the maintenance of SOPs. This workflow will include capturing requests for suggested changes to SOPs's and tracking this information appropriately.
- Conduct additional meetings demonstrating EDMS functionality and educating the staff.
- Documenting proposed EDMS processes, system functionality and corresponding forms and screens.

The overall objectives of our sessions with the departments will include:

- Identify current document management structures
- Educate users on document management/lifecycle and how EDMS Solutions can help.
- Propose a final design document for implementing EDMS within CPCS

CS-156 CPCS Task 2 Deliverable Signoff/Approval Sheet

<p>Deliverable ID: <input type="text" value="DS12 and DS17"/></p> <p>Deliverable Name: <input type="text" value="Fit - Gap Analysis and Findings"/></p> <p>Deliverable Type: <input checked="" type="checkbox"/> Functional <input checked="" type="checkbox"/> Technical <input type="checkbox"/> Organizational <i>(Check all that apply)</i></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Version</th> <th>Submitted</th> <th>Comments</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>20-Dec-11</td> <td></td> </tr> <tr> <td>2</td> <td>14-Feb-12</td> <td>DS12.2</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Version	Submitted	Comments	1	20-Dec-11		2	14-Feb-12	DS12.2																			
Version	Submitted	Comments																											
1	20-Dec-11																												
2	14-Feb-12	DS12.2																											
<p><b>Purpose:</b> Document fit-gap analysis of updated business requirements wherein, software fits and gaps are identified against SFMTA's business processes. Document detailed analysis of each gap and recommendation on potential solution. Perform detailed cost-benefit-value analysis of the proposed customizations recommendations (for business process gaps and complex reports development).</p>																													
<table style="width: 100%;"> <tr> <td style="width: 60%;">Original Deliverable Cost for DS12:</td> <td style="width: 10%; text-align: right;">\$28,152</td> <td style="width: 10%; text-align: center;">Percent</td> <td style="width: 10%; text-align: center;">Future</td> </tr> <tr> <td>Original Deliverable Cost for DS17:</td> <td style="text-align: right;">\$31,592</td> <td style="text-align: center;">Complete</td> <td style="text-align: center;">Payments</td> </tr> <tr> <td><b>Total:</b></td> <td style="text-align: right;"><b>\$59,744</b></td> <td style="text-align: center;">50%</td> <td style="text-align: center;">\$ 14,076</td> </tr> <tr> <td> </td> <td> </td> <td style="text-align: center;">50%</td> <td style="text-align: center;">\$ 15,796</td> </tr> </table> <table style="width: 100%;"> <tr> <td style="width: 60%;">Current Deliverable Cost for DS12:</td> <td style="width: 10%; text-align: right;">\$14,076</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td>Current Deliverable Cost for DS17:</td> <td style="text-align: right;">\$15,796</td> <td></td> <td></td> </tr> <tr> <td><b>Total:</b></td> <td style="text-align: right;"><b>\$29,872</b></td> <td></td> <td style="text-align: right;"><b>\$29,872</b></td> </tr> </table>		Original Deliverable Cost for DS12:	\$28,152	Percent	Future	Original Deliverable Cost for DS17:	\$31,592	Complete	Payments	<b>Total:</b>	<b>\$59,744</b>	50%	\$ 14,076			50%	\$ 15,796	Current Deliverable Cost for DS12:	\$14,076			Current Deliverable Cost for DS17:	\$15,796			<b>Total:</b>	<b>\$29,872</b>		<b>\$29,872</b>
Original Deliverable Cost for DS12:	\$28,152	Percent	Future																										
Original Deliverable Cost for DS17:	\$31,592	Complete	Payments																										
<b>Total:</b>	<b>\$59,744</b>	50%	\$ 14,076																										
		50%	\$ 15,796																										
Current Deliverable Cost for DS12:	\$14,076																												
Current Deliverable Cost for DS17:	\$15,796																												
<b>Total:</b>	<b>\$29,872</b>		<b>\$29,872</b>																										
<p><b>Submitter's Comments:</b> Hill/Stellar are seeking partial payment for the Requirements Gap Cost-Benefit Analysis deliverable. Final cost proposal will be submitted after decisions are made on options. DS 17 will be submitted at conclusion of decisions and negotiations of customizations. The balance of the deliverable cost will be requested at that time.</p>																													
<p><b>Hill Team Signoff:</b></p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">               _____              Deliverable Lead         </div> <div style="text-align: center;">               _____              Implementation Manager         </div> </div>																													
<p><b>SFMTA Approval:</b></p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Lucien Burger</p> <small>Digitally signed by Lucien Burger DN: cn=Lucien Burger, o=SFMTA, ou=IT, email=Lucien.Burger@sfmta.com, c=US Date: 2012.02.22 14:07:31 -0800</small> <p>_____</p>             Functional Lead         </div> <div style="text-align: center;"> <p>Clarke Blair</p> <small>Digitally signed by Clarke Blair DN: cn=Clarke Blair, o=CSU, ou=President, email=ClarkeBlair@hotmail.com, c=US Date: 2012.02.22 10:56:13 -0800</small> <p>_____</p>             Implementation Manager         </div> </div> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Virdis Gamble</p> <small>Digitally signed by Virdis Gamble DN: cn=Virdis Gamble, o=SFMTA, ou=IT, email=virdis.gamble@sfmta.com, c=US Date: 2012.02.22 11:51:12 -0800</small> <p>_____</p>             Technical Lead         </div> <div style="text-align: center;"> <p>Drew Howard</p> <small>Digitally signed by Drew Howard DN: cn=Drew Howard, o=SFMTA, ou=SFMTA, email=drew.howard@sfmta.com, c=US Date: 2012.02.22 18:04:26 -0800</small> <p>_____</p>             Program Manager         </div> </div> <p style="text-align: center;">_____</p> <p style="text-align: center;">Organizational Readiness Lead</p>																													
<p>Pay Deliverable (100%): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>																													

## CS-156 CPCS Task 2 Deliverable Signoff/Approval Sheet

**Deliverable Scope:** Document fit-gap analysis of updated business requirements wherein, software fits and gaps are identified against SFMTA's business process. Document detailed analysis of each gap and recommendation on potential solution.

Perform detailed cost-benefit-value analysis of the proposed customization recommendations (for business process gaps and complex reports development).

CS-156 CPCS Task 2 Deliverable Signoff/Approval Sheet

DS12 & DS17 - Fit-Gap Analysis and Findings

1. Document user functional and technical specifications for all report development requirements
2. Define reconciliation queries, which can be used to validate the proposed reports design.
3. Check spelling and grammar

*Anna Hu*  
 Originators Anna Hu, Chuck Romoser

*Jim Palmer*  
 Reviewer Jim Palmer

Originator		Reviewer	
yes	no	yes	no
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Meets		Meets	
% Complete			
comments.			
100%			
0%- reconciliation queries will be defined only for custom reports			
100%			



**CS-156 CPCS Task 2 Deliverable Signoff/Approval Sheet**

Deliverable ID:

Deliverable Name:

Deliverable Type:  Functional  Technical  Organizational  
*(Check all that apply)*

Version	Submitted	Comments
1	20-Dec-11	DS/12.0/17.0
2	14-Feb-12	DS12.2
2	4-May-12	DS12.0/17.0
2.1	5/11/2012	DS12.0/17.0


**Purpose:** Document fit-gap analysis of updated business requirements wherein, software fits and gaps are identified against SFMTA's business processes. Document detailed analysis of each gap and recommendation on potential solution. Perform detailed cost-benefit-value analysis of the proposed customizations recommendations (for business process gaps and complex reports development).

	Original Deliverable Cost	Percent Complete	Future Payments
Original Deliverable Cost for DS12:	\$28,152	75%	\$ 7,038
Original Deliverable Cost for DS17:	\$31,592	100%	\$ -
<b>Total:</b>	<b>\$59,744</b>		

	Current Deliverable Cost	Approved to date	Total
Current Deliverable Cost for DS12:	\$7,038		
Current Deliverable Cost for DS17:	\$15,796	\$29,872	
<b>Total:</b>	<b>\$22,834</b>		<b>\$52,706</b>

**Submitter's Comments:** Hill/Stellar are seeking the remainder of payment for the Requirements Gap Cost-Benefit Analysis deliverable. The balance of the Fit-Gap Analysis and Findings deliverable will be requested when we submit DS12.1.

Hill Team Signoff:   
 Deliverable Lead

Digitally signed by James W Palmer  
 DN: cn=James W Palmer, o=Hill International, ou=PA America's, email=jpalmer@hillintl.com, c=US  
 Date: 2012.05.14 08:28:12 -0700  
**James W Palmer**  
 Implementation Manager

SFMTA Approval:

<p>Lucien Burgert <small>Lucien Burgert 2012.05.16 08:18:54 -0700</small></p> <p>Functional Lead</p>	<p>Clarke Blair <small>Digitally signed by Clarke Blair DN: cn=Clarke Blair, ou=CS, ou=President, email=clbair@hillsf.com, c=US Date: 2012.05.14 12:53:27 -0700</small></p> <p>Implementation Manager</p>
<p><b>Viridis Gamble</b> <small>Digitally signed by Viridis Gamble DN: cn=Viridis Gamble, o=SFMTA, ou=IT, email=viridis.gamble@sfmta.com, c=US Date: 2012.05.14 15:07:02 -0700</small></p> <p>Technical Lead</p>	<p><b>Howard, Drew</b> <small>Digitally signed by Howard, Drew DN: cn=Howard, Drew, email=DHoward@munisfgov.org Date: 2012.05.16 09:30:53 -0700</small></p> <p>Program Manager</p>
<p>Organizational Readiness Lead</p>	

Pay Deliverable (100%):  Yes  No

## CS-156 CPCS Task 2 Deliverable Signoff/Approval Sheet

**Deliverable Scope:** Document fit-gap analysis of updated business requirements wherein, software fits and gaps are identified against SFMTA's business process. Document detailed analysis of each gap and recommendation on potential solution.

Perform detailed cost-benefit-value analysis of the proposed customization recommendations (for business process gaps and complex reports development).

## CS-156 CPCS Task 2 Deliverable Signoff/Approval Sheet

Deliverable ID: <input style="width: 150px;" type="text" value="14.0-DS14.0-CS156"/>  Deliverable Name: <input style="width: 300px;" type="text" value="Functional and Technical Specifications for Interfaces and System Integration"/>  Deliverable Type: <input checked="" type="checkbox"/> Functional <input checked="" type="checkbox"/> Technical <input type="checkbox"/> Organizational <i>(Check all that apply)</i>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Version</th> <th style="width: 25%;">Submitted</th> <th style="width: 60%;">Comments</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">8-Feb-12</td> <td></td> </tr> <tr> <td style="text-align: center;">2</td> <td style="text-align: center;">23-Feb-12</td> <td></td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Version	Submitted	Comments	1	8-Feb-12		2	23-Feb-12							
Version	Submitted	Comments														
1	8-Feb-12															
2	23-Feb-12															
<p><b>Purpose:</b> Document anticipated customization specifications with a table of contents for both the functional specification and technical specification. The functional specification of customization interfaces will be defined when the design phase is completed. The technical specifications will be submitted at a later date as a separate document with detailed mapping and field descriptions for all interfaces when design has been further developed.</p>																
Original Deliverable Cost: <input style="width: 100px;" type="text" value="\$15,000"/> Current Deliverable Cost: <input style="width: 100px;" type="text" value="\$15,000"/> Submitter's Comments: <div style="border: 1px solid black; height: 40px; width: 100%;"></div>																
Hill Team Signoff:	 Deliverable Lead	 Implementation Manager														
SFMTA Approval:	Functional Lead   Virdis Gamble <small>Digitally signed by Virdis Gamble                  DN: cn=Virdis Gamble, o=SFMTA, ou=IT,                  email=virdis.gamble@sfmta.com, c=US                  Date: 2012.03.08 15:43:11 -08'00'</small> Technical Lead	Clarke Blair <small>Digitally signed by Clarke Blair                  DN: cn=Clarke Blair, o=CS, ou=President,                  email=clarkeblair@hotmail.com, c=US                  Date: 2012.03.08 13:03:36 -08'00'</small> Implementation Manager  Drew Howard <small>Digitally signed by Drew Howard                  DN: cn=Drew Howard, o=SFMTA,                  ou=SFMTA,                  email=drew.howard@sfmta.com, c=US                  Date: 2012.03.12 09:49:01 -07'00'</small> Program Manager														
Pay Deliverable (100%): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Organizational Readiness Lead																

## CS-156 CPCS Task 2 Deliverable Signoff/Approval Sheet

**Deliverable Scope:** Document user functional and technical specifications for all CPCS application interfaces (with legacy and third-party system) and any integration requirements between different software packages that make up the CPCS solution. The deliverable also defines reconciliation queries, which can be used to validate the proposed interface design. This deliverable anticipates the detailed functional and technical specifications as future submittals. These submittals are part of the scope of approved customizations.

**CS-156 CPCS Task 2 Deliverable Signoff/Approval Sheet**

Deliverable ID: <input type="text" value="15.0-DS15.0-CS156"/>  Deliverable Name: <input type="text" value="Functional and Technical Specifications for Data Conversion"/>  Deliverable Type: <input checked="" type="checkbox"/> Functional <input checked="" type="checkbox"/> Technical <input type="checkbox"/> Organizational <i>(Check all that apply)</i>	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Version</th> <th>Submitted</th> <th>Comments</th> </tr> </thead> <tbody> <tr> <td align="center">1</td> <td align="center">21-Feb-12</td> <td></td> </tr> <tr> <td align="center">2</td> <td align="center">7-Mar-12</td> <td></td> </tr> <tr> <td align="center">3</td> <td align="center">21-Mar-12</td> <td></td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Version	Submitted	Comments	1	21-Feb-12		2	7-Mar-12		3	21-Mar-12							
Version	Submitted	Comments																	
1	21-Feb-12																		
2	7-Mar-12																		
3	21-Mar-12																		

Purpose:	This document provides the strategic approach for the data conversion. The intent is to demonstrate the efforts required for the customizations.
Original Deliverable Cost:	<input type="text" value="\$17,400"/>
Current Deliverable Cost:	<input type="text" value="\$17,400"/>
Submitter's Comments:	<input style="width:100%; height:100%;" type="text"/>

Hill Team Signoff: <b>Anna Hu</b> <small>Digitally signed by Anna Hu DN: cn=Anna Hu, o=Stellar Services, ou=Business Solutions, email=anna.hu@stellars.com, c=US Date: 2012.03.21 16:26:18 -0400</small> Deliverable Lead	James W Palmer <small>Digitally signed by James W Palmer DN: cn=James W Palmer, o=Hill International, ou=PIN America's, email=jwpalmer@hillintl.com, c=US Date: 2012.03.21 16:45:08 -0700</small> Implementation Manager
---	--

SFMTA Approval: <b>Lucien Burgert</b> <small>Digitally signed by Lucien Burgert DN: cn=Lucien Burgert, o=SFMTA, ou=President, email=lcburgert@sfmta.com, c=US Date: 2012.03.29 14:32:32 -0700</small> Functional Lead	Clarke Blair <small>Digitally signed by Clarke Blair DN: cn=Clarke Blair, o=CS1, ou=President, email=clarkeblair@hotmail.com, c=US Date: 2012.03.28 16:26:51 -0700</small> Implementation Manager
<b>Virdis Gamble</b> <small>Digitally signed by Virdis Gamble DN: cn=Virdis Gamble, o=SFMTA, ou=IT, email=virdis.gamble@sfmta.com, c=US Date: 2012.03.28 15:52:26 -0700</small> Technical Lead	Drew Howard <small>Digitally signed by Drew Howard DN: cn=Drew Howard, o=SFMTA, ou=SFMTA, email=drew.howard@sfmta.com, c=US Date: 2012.03.29 15:41:17 -0700</small> Program Manager
Organizational Readiness Lead	

Pay Deliverable (100%):     Yes     No

## CS-156 CPCS Task 2 Deliverable Signoff/Approval Sheet

**Deliverable Scope:** This document provides the strategic approach for the data conversion. The intent is to demonstrate the efforts required for the customizations.

**CS-156 CPCS Task 2 Deliverable Signoff/Approval Sheet**

<p><b>Deliverable ID:</b> <input type="text" value="16.0-DS16.0-CS156"/></p> <p><b>Deliverable Name:</b> <input type="text" value="Functional Specifications for Security"/></p> <p><b>Deliverable Type:</b> <input checked="" type="checkbox"/> Functional    <input type="checkbox"/> Technical    <input type="checkbox"/> Organizational  <i>(Check all that apply)</i></p>	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Version</th> <th style="text-align: center;">Submitted</th> <th style="text-align: center;">Comments</th> </tr> </thead> <tbody> <tr> <td align="center">1</td> <td align="center">7-Mar-12</td> <td></td> </tr> <tr> <td align="center">2</td> <td align="center">27-Mar-12</td> <td></td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Version	Submitted	Comments	1	7-Mar-12		2	27-Mar-12							
Version	Submitted	Comments														
1	7-Mar-12															
2	27-Mar-12															
<p><b>Purpose:</b> <input style="width:100%;" type="text" value="Define and document functional specifications for system security implementation based on proposed security model. The specifications include access detail to software modules, queries reports and development tools. This deliverable also defines reconciliation queries, which can be used to validate the security design."/></p> <p><b>Original Deliverable Cost:</b> <input type="text" value="\$17,400"/></p> <p><b>Current Deliverable Cost:</b> <input type="text" value="\$17,400"/></p> <p><b>Submitter's Comments:</b> <input style="width:100%; height: 40px;" type="text"/></p>																
<p><b>Hill Team Signoff:</b> </p> <p align="center">_____ Deliverable Lead</p>	<p align="center"><b>James W Palmer</b></p> <p align="center">_____ Implementation Manager</p> <p style="font-size: small;">Digitally signed by James W Palmer DN: cn=James W Palmer, o=Hill International, ou=PA America's, email=jimpalmer@hillintl.com, c=US Date: 2012.03.28 10:29:47 -07'00'</p>															
<p><b>SFMTA Approval:</b></p> <p align="center"><b>Lucien Burgert</b> _____ Functional Lead</p> <p align="center">_____ Technical Lead</p> <p align="center">_____ Organizational Readiness Lead</p>	<p align="center"><b>Clarke Blair</b> _____ Implementation Manager</p> <p align="center"><b>Drew Howard</b> _____ Program Manager</p> <p style="font-size: small;">Digitally signed by Clarke Blair DN: cn=Clarke Blair, o=CS1, ou=President, email=clarkeblair@hotmail.com, c=US Date: 2012.04.02 13:32:40 -07'00'</p> <p style="font-size: small;">Digitally signed by Drew Howard DN: cn=Drew Howard, o=SFMTA, ou=SFMTA, email=drew.howard@sfmta.com, c=US Date: 2012.04.02 17:48:34 -07'00'</p>															
<p><b>Pay Deliverable (100%):</b>    <input checked="" type="checkbox"/> Yes    <input type="checkbox"/> No</p>																

## CS-156 CPCS Task 2 Deliverable Signoff/Approval Sheet

---

**Deliverable Scope:** Define and document functional specifications for system security implementation based on proposed security model. The specifications include access detail to software modules, queries reports and development tools. This deliverable also defines reconciliation queries, which can be used to validate the security design.



**CS-156 CPCS Task 2 Deliverable Signoff/Approval Sheet**

<p>Deliverable ID: <input type="text" value="Customization 2.2"/></p> <p>Deliverable Name: <input type="text" value="Integration with CRIS"/></p> <p>Deliverable Type: <input checked="" type="checkbox"/> Functional <input checked="" type="checkbox"/> Technical <input type="checkbox"/> Organizational <i>(Check all that apply)</i></p>	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Version</th> <th>Submitted</th> <th>Comments</th> </tr> </thead> <tbody> <tr> <td align="center">1</td> <td align="center">17-May-12</td> <td></td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Version	Submitted	Comments	1	17-May-12										
Version	Submitted	Comments														
1	17-May-12															
<p><b>Purpose:</b> Explore the requirements to integrate with CRIS and EPC Systems. Document was presented identifying issues with data in CRIS and integration at this time cannot be accomplished.</p>																
<p>Customization for CRIS Integration 2.2 <input type="text" value="\$15,000"/></p> <p>Total: <input type="text" value="\$15,000"/></p>	<table style="width:100%;"> <tr> <td style="width:10%;"></td> <td style="width:10%; text-align: center;">Percent Complete</td> <td style="width:10%; text-align: center;">Future Payments</td> </tr> <tr> <td align="center">2.2</td> <td align="center">100%</td> <td align="center">\$ -</td> </tr> </table>		Percent Complete	Future Payments	2.2	100%	\$ -									
	Percent Complete	Future Payments														
2.2	100%	\$ -														
<p>Submitter's Comments: <input style="width:100%; height: 40px;" type="text"/></p>																
<p>Hill Team Signoff:  _____ Deliverable Lead</p>	<p align="right">James W Palmer Implementation Manager</p> <p align="right"><small>Digitally signed by James W Palmer DN: cn=James W Palmer, o=Hill International, ou=PM America's, email=jimpalmer@hillintl.com, c=US Date: 2012.05.21 09:43:55 -0700'</small></p>															
<p>SFMTA Approval: <u>Lucien Burgert</u> _____ Functional Lead</p> <p><u>Virdis Gamble</u> _____ Technical Lead</p> <p>_____  Organizational Readiness Lead</p>	<p align="right"><u>Clarke Blair</u> _____ Implementation Manager</p> <p align="right"><u>Howard, Drew</u> _____ Program Manager</p>															
<p>Pay Deliverable (100%): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>																

## CS-156 CPCS Task 2 Deliverable Signoff/Approval Sheet

**Deliverable Scope:** Document fit-gap analysis of updated business requirements wherein, software fits and gaps are identified against SFMTA's business process. Document detailed analysis of each gap and recommendation on potential solution.

Perform detailed cost-benefit-value analysis of the proposed customization recommendations (for business process gaps and complex reports development).