



Special Meeting

May 14, 2015

**1 Dr. Carlton B. Goodlett Place, City Hall, Room 305
San Francisco, CA 94102**

www.sfcoit.org

Agenda

1. Call to Order by Chair
2. Roll Call
3. Approval of Minutes (Action Item)
4. Chair Update
5. CIO Update
6. Discussion & Action: Non-general Fund Project Recommendations
7. Discussion & Action: Major IT Projects Allocation (GF) Recommendations
8. Discussion & Action: Annual Projects Allocation (GF) Recommendations
9. Public Comment
10. Adjournment

3. Approval of Minutes

Action Item

4. Chair Update

ICT Plan Update
Policy Working Groups

5. CIO Update

Connectivity

CIO Update

Connectivity Plan Update – Phase 1

Timeline

- April 7, 2014: Joint Capital Planning & COIT) Meeting on Connectivity.
Action: Committee members request a comprehensive Connectivity Plan.
- Dec 12, 2014: Connectivity Plan update to Capital Planning and COIT
- Feb 26, 2015: Connectivity Plan (Phase 1) Approved by COIT
- June 30, 2015: Improved connectivity at all Fire houses completed (fiber/microwave)
- Sept 30, 2015: Completion of Connectivity Plan Phase 2

Leadership

Miguel Gamiño, City Chief Information Officer
Jay Nath, Chief Innovation Officer

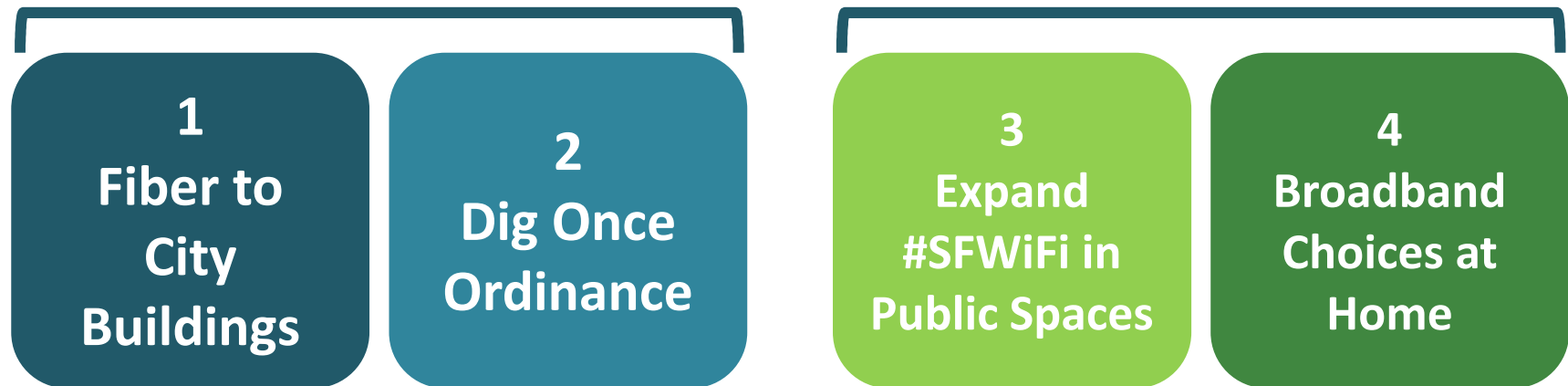
CIO Update

Connectivity Plan Update – Phase 1

Phase 1 – Connectivity Plan

Detailed Plans & Budget

Preliminary & Exploratory



Connectivity - Phase 2

CIO Update

Connectivity Plan Update – Phase 1

1. Connecting City Buildings

- **Goal:** To connect all City buildings to City Fiber (178 of 409 City buildings need to be connected)
- **Current Work:** Continued work connecting Fire Houses. 14 of 47 total buildings still need to be connected.

Proposed Fiber Funding	FY16	FY17	Total	# of City Bldgs Connected
DT's Operating Budget	\$1.0M	\$1.0M	\$2.0M	FY 16 = 19 bldgs. FY 17 = 30 bldgs.
Dept. Work Orders* (REC)	\$0.2M	TBD	\$0.2M+	
Capital Planning	\$0.2M	\$0.5M	\$0.7M	FY 16 = 4 bldgs. FY 17 = 10 bldgs.
TOTAL	\$1.4M	\$1.5M	\$2.9M	63+ bldgs

* LIB and REC work orders are in process. Other dept work orders are anticipated

CIO Update

Connectivity Plan Update – Phase 1

Fire Station Connectivity High level Schedule	FY16 - Q1	FY16 – Q2	FY16 – Q3	FY16- Q4	TOTAL
Stations to be connected to City Fiber	Station 22*	Station 3 Station 5 Station 38* Station 39* Station 41* T.I. Training Facility* Pump Station 2	Station 10 Station 16 Station 48* Chief's Residence	Station 24 Station 26	
Total #	1	7	4	2	14

*Hybrid fiber/wireless

CIO Update

Connectivity Plan Update – Phase 1

2. Dig Once Ordinance

- **Goal:** The City will be excavating the roadways as part of several capital improvements to the streets and sewers. When appropriate the City should take advantage of the open roadways and lay conduits for (future use for) fiber-optic cable.
- **Current Status:** DT reviewing 5-year excavation projects. DT establishing rules around Dig Once.
- **Anticipated Effective Date:** July 1, 2015

Timeline	
• Draft Rules Published	4/24/2015
• Written Comments Due	5/8/2015
• Public Meeting	5/19/2015
• Final Rules (Tentative)	5/22/2015
• Effective Date (Tentative)	7/01/2015

CIO Update

Connectivity Plan Update – Proposed Funding FY16 and FY17

COMPONENT	PROPOSED FUNDING SOURCE	FY16	FY17	Total
Fiber to City Buildings	Internal Operating Budget	\$1.0M	\$1.0M	\$2.0M
	Capital Planning	\$200k	\$500k	\$700k
	Department Work Order (REC)	\$225k	-	\$225k
	Other Department Work Orders	TBD	TBD	TBD
Dig-Once	Capital Planning	\$500k	\$1.0M	\$1.5M
Wi-Fi	COIT	\$155k	-	\$155k
	Department Work Order (FIR)	\$350k	-	\$350K
Total		\$2.4M	\$2.5M	\$4.9M

6. Discussion & Action: Non-General Fund Project Recommendations

FY 2015-16 and FY 2016-17

FY16 and FY17 Project Recommendation

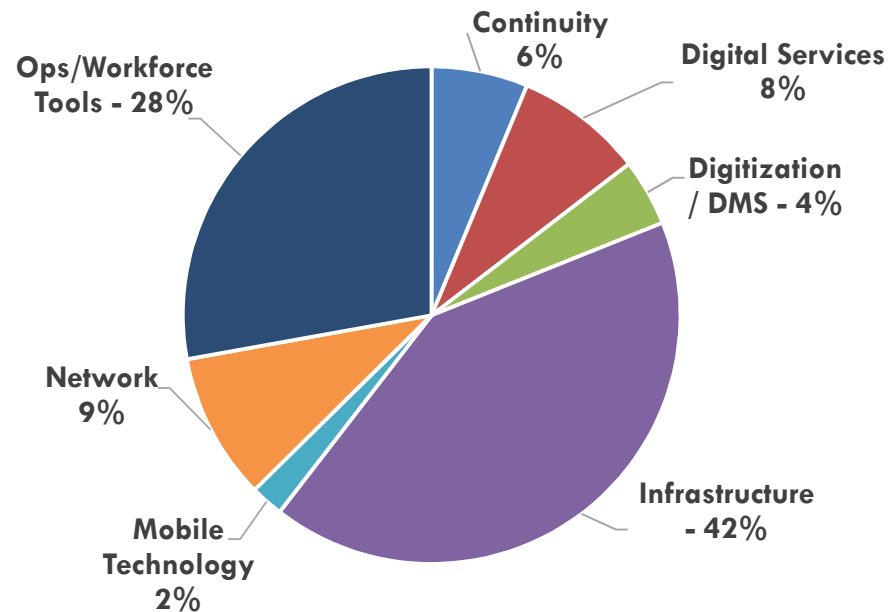
Proposed Budget Highlights

- Record level of funding for technology recommended
 - **2-Year General Fund: \$43.9M**
 - Annual Projects: FY16 - \$9.7M (High Scenario) and FY17 - \$4.8M
 - Major IT Projects (High Scenario): FY16 - \$12.5M and FY17 – \$16.9M
 - **2-Year Non-General Fund: \$121.8M**
 - **Total 2-Year Proposed Investments:**
 - **FY16 = \$72.6M**
 - **FY17 = \$97.4M**
- Budget subject to change given ongoing budget discussions

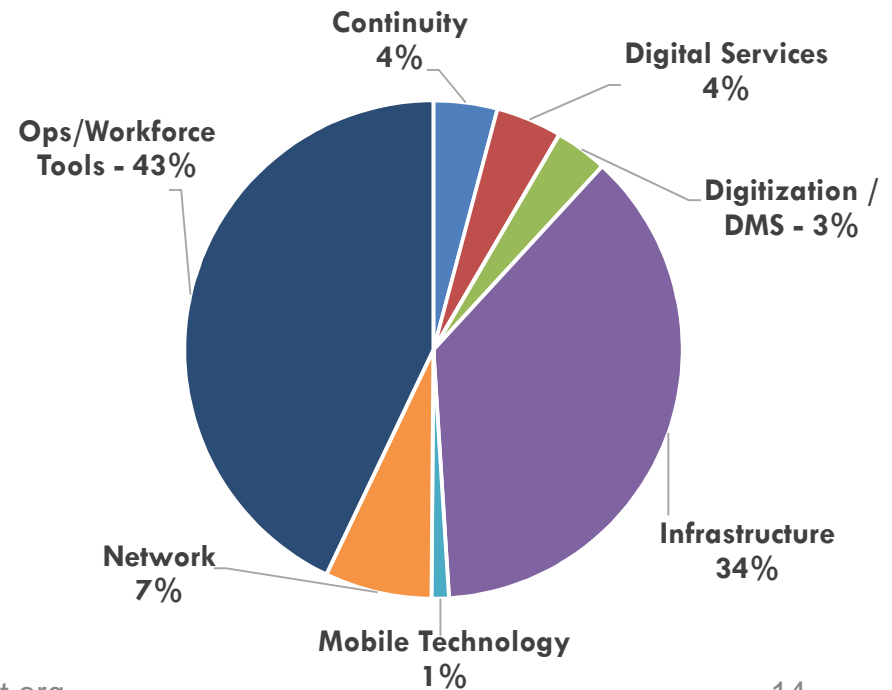
FY16 and FY17 Project Requests

Overview – by Category

FY16 Requests by Categories
(Total - \$102.9M)



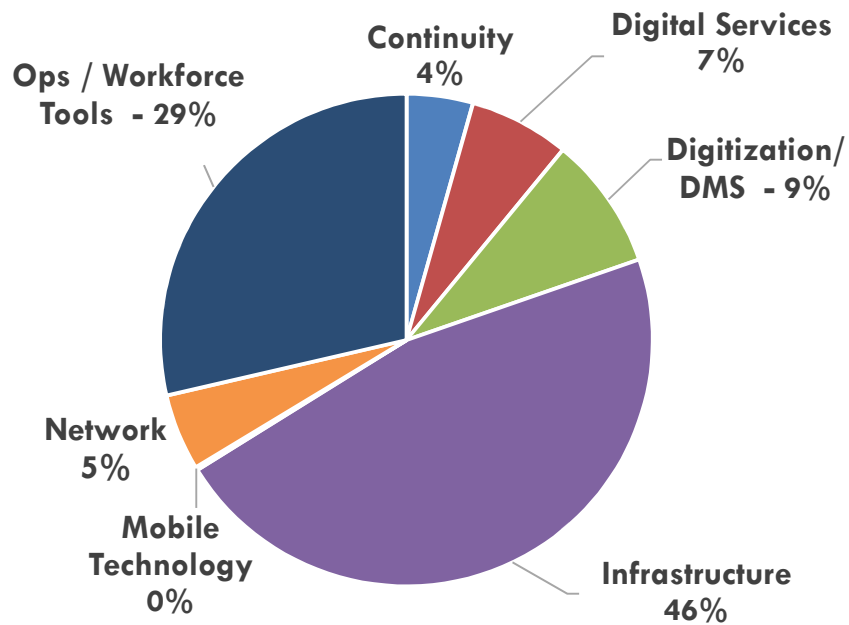
FY17 Requests by Categories
(Total – \$253.3M)



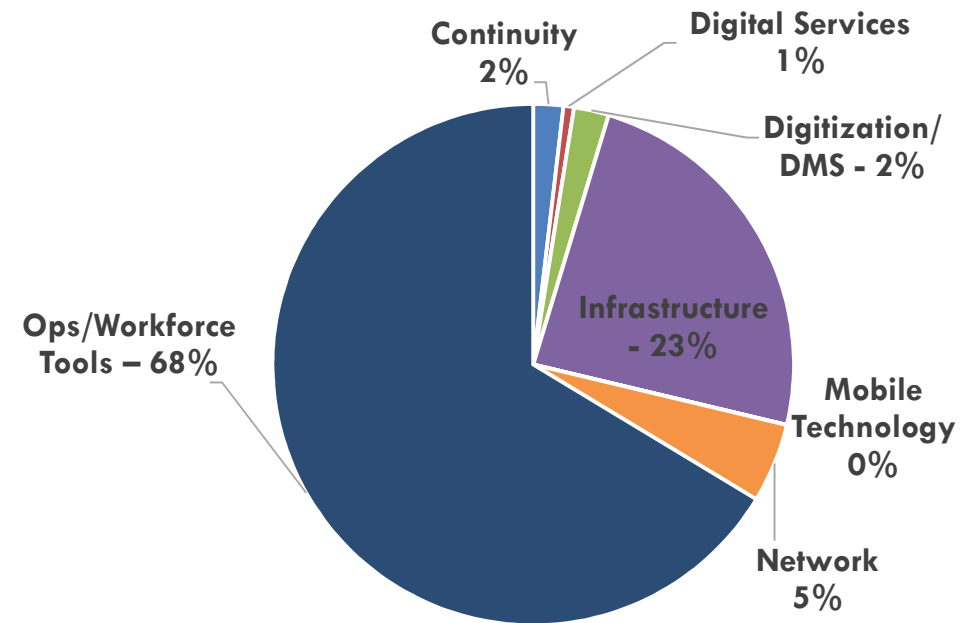
FY16 and FY17 Project Recommendations

Overview – by Category

FY16 Hi Scenario by Categories
(Total - \$72.6M)



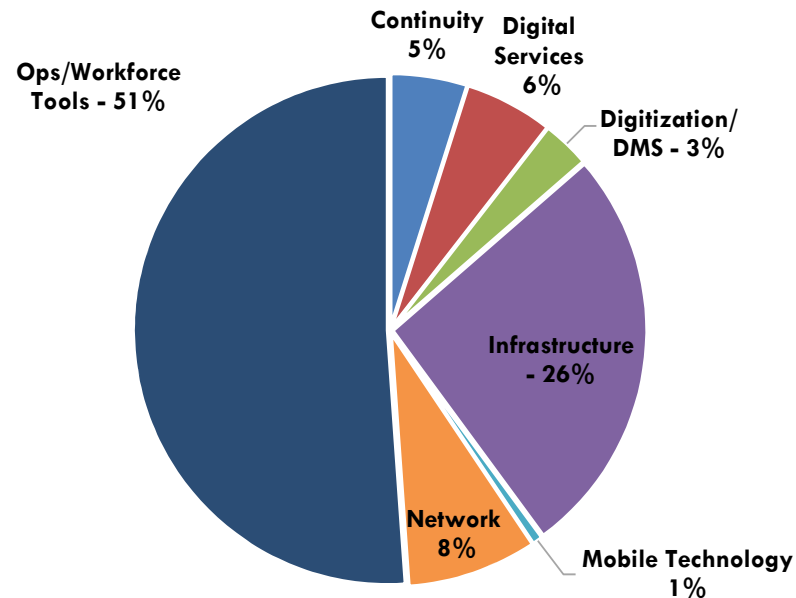
FY17 Recommendations by Categories
(Total - \$97.4M)



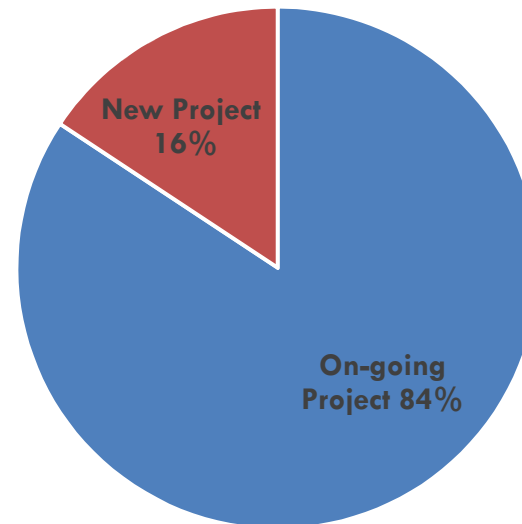
FY16 and FY17 Project Recommendations

General Fund – With Major IT Projects

**FY16 GF High Scenario by
Categories (Total – \$22.2M)**

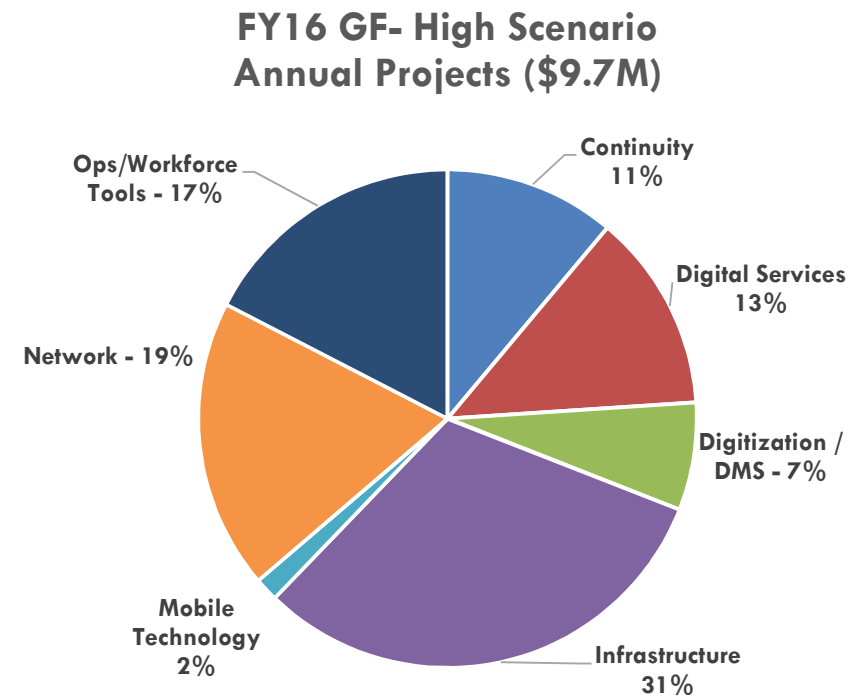


**FY16 General Fund Recommendations
Percent of New vs. Ongoing Projects**

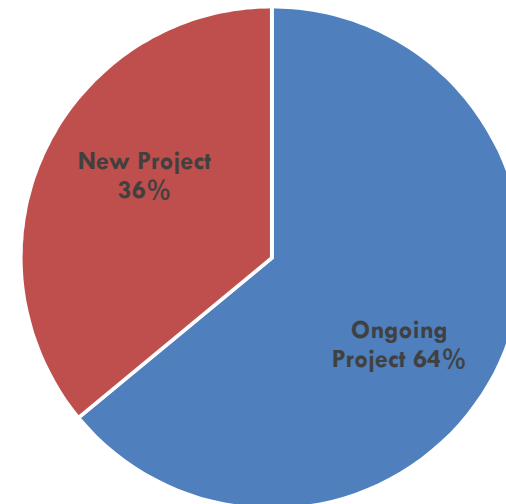


FY16 and FY17 Project Recommendations

Annual Project Allocation



FY16 Annual Projects Recommendation Percent of New vs. Ongoing Projects



Non-General Fund Project Recommendations

FY 2015-16 and FY 2016-17

Dept	Project Name	FY16 Request	FY17 Request	Recommendation
AIR	Distributive Antenna System (DAS)	\$2.0		Approve
AIR	Information Technology Enterprise Information Architecture (ITEIA)		\$2.5	Approve
AIR	Metro-Ethernet Service Implementation	\$1.8		Approve
AIR	Operational Wi-Fi Improvements	\$0.7	\$2.4	Approve
ASR	Digitization of Real Property Files	\$0.8		Approve
ASR	Social Security Number Truncation and Imaging of Recorded Documents	\$1.2	\$1.8	Approve
CFC	All data Maintenance System (Cocoa)	\$0.2		Approve
CFC	Contract Management System (CMS)	\$0.1	\$0.1	Approve
CON	Increase Exadata/Exalogic Infrastructure Capacity	\$0.3	\$0.3	Approve
CON	PeopleSoft Human Capital Management (HCM) Upgrade to Version 9.2	\$1.7		Approve
CPC	Network Core Infrastructure Refresh	\$0.2		Approve
DBI	Network Management and Monitoring System	\$0.2		Approve
DCYF	DCYF Contracts Management System	\$0.3	\$0.6	Approve

Non-General Fund Project Recommendations

FY 2015-16 and FY 2016-17

Dept	Project Name	FY16 Request	FY17 Request	Recommendation
DPH	DPH IT Service Management and Automation Improvement	\$0.6	\$0.6	Approve
DPH	Web Presence Initiative	\$0.9	\$0.6	Approve
DSS	Database Activity Monitoring	\$0.1		Approve
HSS	Member Services CRM	\$0.2		Approve
MTA	Transit Safe Replacement	\$1.0		Approve
PRT	City Financial System Replacement--PORT Departmental Support	\$0.2	\$0.4	Approve
PUC	Customer Care & Billing enhancements	\$0.4		Approve
PUC	Wastewater Distributed Control System (DCS)	\$25.0	\$15.0	Approve
PUC	SFPUC PC Refresh	\$1.2	\$1.2	Approve
PUC	Continuity Of Operations (COO)	\$1.3	\$0.2	Approve
REC	CLASS upgrade to ActiveNet	\$0.2	\$0.3	Approve
REC	VoIP Integration	\$0.1		Approve
TTX	New Business Registration - License 1, 2, 3	\$0.9		Approve

Non-General Fund Project Recommendations

FY 2015-16 and FY 2016-17

Dept	Project Name	FY16 Request	FY17 Request	Recommendation
CPC	Electronic Document Review (EDR)	\$0.3		Approve funding – request continued discussions in Citywide Digitization efforts.
CPC	Historical Records Digitization	\$0.5		
DBI	Cloud-Based Disaster Recovery	\$0.5	\$0.1	Approve funding – request continued discussions on project with Department of Technology
DBI	Document Management System	\$1.1	\$0.1	Approve funding – request continued discussions on Citywide Digitization efforts.
DBI	Permit and Project Tracking System - Phase 2	\$3.5	\$0.5	Approve funding – request continued discussion on project scope and proposal to move from a hosted to an on-premise solution.
DPH	DPH Unified EMR		\$47.8	Approve funding – should there be a GF cost this project must be brought back to COIT for review and approval.
	TOTAL	\$47.3	\$74.5	

7. Discussion & Action: Major IT Projects Recommendations

FY 2015-16 and FY 2016-17

Major IT Projects Recommendations (GF)

Dept	Project Name	FY16 GF Request	FY17 GF Request	FY16 Low	FY16 Medium	FY16 High	FY17 Low	FY17 Medium	FY17 High
CON	Financial System Replacement	\$9.3M	\$15.9M	\$7.0M	\$9.3M	\$9.3M	\$10.0M	\$10.0M	\$15.9M
DEM	Public Safety and Public Service Radio Replacement*	\$3.9M	\$24.1M	\$0.6M	\$1.6M	\$2.8M	\$1.0M	\$1.0M	\$1.0M
ASR	Property Tax Assessment System**	\$0.4M	\$1.2M			\$0.4M			
	TOTALS	\$13.5M	\$41.3M	\$7.6M	\$10.9M	\$12.5M	\$11.0M	\$11.0M	\$16.9M

* Assumes \$1.5M in FY16 from equipment budget to fund radios.

** ASR will carryover previous COIT funding of \$440,000 to fund this project in FY16.

Major IT Projects Recommendations (GF)

Public Safety & Public Service Radio Replacement

Public Safety & Public Service Radio Replacement						
Cost	FY16	FY17	FY18	FY19	FY20	Total
Current Estimate	\$6.3	\$27.0	\$17.6	\$14.0	\$7.8	\$77.0
Potential Sources						
COIT – Major IT Projects*	\$2.8	\$1.0	15.0	20.0	20.5	\$3.8
Capital Planning	\$2.5	\$2.6				\$5.1
Equipment Budget	\$1.5					\$1.5
Total	\$6.8	\$3.6	-	-	-	\$10.4

* Estimates based on using COIT's High Funding Scenario

8. Discussion & Action: Annual Projects (GF) Recommendations

FY 2015-16 and FY 2016-17

General Fund Project Recommendations

Annual Projects – Overview

Recommendation High Scenario	# of Projects	FY16 GF Request	FY17 GF Request	FY16 Low	FY16 Medium	FY16 High	FY17
Approve – Funding	27	\$13.4	\$5.2	\$6.2	\$6.8	\$9.7	\$4.8
Approve - No Funding	43	\$18.8	\$10.6				
Total	70	\$32.2	\$15.9				

General Fund Project Recommendations

Annual Project – Approve w/ Funding

Dept	Project Name	FY16 GF Request	FY17 GF Request	FY16 Low	FY16 Medium	FY16 High	FY17
ADM	Citywide Electronic Signature Project	\$0.4		\$0.4	\$0.4	\$0.4	
ADM	Laboratory Instrument Management System: Phase II	\$0.3					\$0.3
ADM	Mobile CMMS	\$0.2				\$0.2	
BOS	Records Repository	\$0.4				\$0.25	
COIT	PC Refresh	\$0.9	\$0.9	\$0.8	\$0.8	\$0.9	\$0.9
DAT	Paperless Environment / DMS Implementation	\$0.1	\$0.1			\$0.1	
DEM	CCSF Public Emergency Notification System	\$0.2				\$0.2	
DEM	Logging Recorder Replacement	\$0.8		\$0.4	\$0.4	\$0.8	
FIR	Business Intelligence Upgrade	\$0.2					\$0.1
FIR	Electronic Patient Care Reporting (EPCR) Upgrade	\$0.3		\$0.2	\$0.2	\$0.2	
FIR	MDT Replacement	\$0.5	\$0.3	\$0.3	\$0.3	\$0.3	\$0.3
FIR	Vehicle Modem Project	\$0.1		\$0.4	\$0.4	\$0.4	
FIR	CAD Dispatch Improvements	\$0.3		\$0.3	\$0.3	\$0.3	

General Fund Project Recommendations

Annual Project – Approve w/ Funding

Dept	Project Name	FY16 GF Request	FY17 GF Request	FY16 Low	FY16 Medium	FY16 High	FY17 Low
HSS	Records Management	\$0.2		\$0.2	\$0.2	\$0.2	
JUV	Security Cameras Installation	\$0.5		\$0.5	\$0.5	\$0.5	
PDR	Scan Physical Files and Integrate into Case Management System	\$0.1				\$0.1	
POL	Crime Data Warehouse - Re-design incident report, Case Tracking, N-DEX	\$0.8	\$0.5			\$0.5	\$0.5
POL	Police Vehicle Upgrades	\$0.4	\$0.2	\$0.4	\$0.4	\$0.4	\$0.2
SHF	Paperless Records Storage / Imaging	\$0.1				\$0.1	

General Fund Project Recommendations

Annual Project – Approve w/ Funding

Dept	Project Name	FY16 GF Request	FY17 GF Request	FY16 Low	FY16 Medium	FY16 High	FY17
TIS	City AD/Authentication Consolidation	\$0.3	\$0.3		\$0.3	\$0.3	\$0.3
TIS	Fix the Network	\$2.1	\$1.4	\$1.7	\$1.7	\$1.7	\$1.5
TIS	Identity and Access Management	\$0.3	\$0.3	\$0.3	\$0.3	\$0.3	\$0.3
TIS	Radio Site Security enhancement	\$0.7	\$0.7	\$0.3	\$0.3	\$0.3	
TIS	Security	\$2.2	\$0.7			\$0.5	\$0.5
TIS	Wi-Fi Project	\$1.3		\$0.1	\$0.1	\$0.1	
TTX	Replacement Delinquent Collections Application	\$0.6				\$0.6	
TTX	Self Service and security enhancement for online filing	\$0.3			\$0.3	\$0.3	
	TOTAL	\$13.2	\$5.4	\$6.3	\$6.8	\$9.7	\$4.8

General Fund Project Recommendations

Annual Projects Recommendations– Approve No Funding

Dept	Project Name	FY16 GF Request	FY17 GF Request	Notes
AAM	Collection Data API/Web Services Layer	\$0.1		
AAM	Digital Asset Management System	\$0.3		
AAM	Security System Upgrades	\$0.5	\$0.1	
AAM	Ticketing System Replacement	\$0.3		
AAM	Workforce Mobility	\$0.1	\$0.1	
ADM	GSA - DR	\$0.0	\$0.2	
ADP	PROBSTAT	\$0.1		
ART	Database	\$0.1		
ART	Infrastructure Cost for Veteran's Move	\$0.2		
ART	San Francisco Arts Commission Website	\$0.2		
BOS	AAB System: Back Office Application Re-Engineering	\$0.2		
BOS	Legislation Drafting	\$0.4		

General Fund Project Recommendations

Annual Projects – Approve No Funding

Dept	Project Name	FY16 GF Request	FY17 GF Request	Notes
CON	Citywide Automated Forms	\$0.3	\$0.1	
CON	Employee/Retiree Access Upgrade to PeopleSoft	\$0.3		
CON	Expansion of PeopleSoft Enterprise Learning Mgmt	\$0.1		
CON	Implement PeopleSoft Performance Management	\$0.1		
DEM	Active Directory Migration	\$0.2		
DEM	Workforce Scheduling System		\$0.2	
ECN	Business Portal Technology Enhancements	\$0.6	\$0.6	
FIR	Desktop Virtualization	\$0.3		
FIR	Incident Display Boards	\$0.2	\$0.2	
HSS	Avaya PBX Replacement	\$0.2		
PDR	Gideon Application Maintenance Agreement	\$0.1	\$0.1	
POL	e-Citations	\$0.6	\$0.3	
REC	High Speed Connectivity		\$0.2	

General Fund Project Recommendations

Annual Projects – Approve No Funding

Dept	Project Name	FY16 GF Request	FY17 GF Request	Notes
SHF	Business Intelligence	\$0.1		
SHF	Computer Assisted Dispatch	\$0.1		
TIS	Configuration Management Database	\$0.1	\$0.1	
TIS	Data Center and DR Migration to Cloud	\$1.1	\$1.5	
TIS	Dig-Once and Communications Asset Management	\$4.2	\$3.4	FY16 (\$500k) and FY17 (\$1.0M) in Capital Planning – High scenario
TIS	Fiber Monitoring Solution	\$0.3		
TIS	Fiber Connectivity	\$1.7	\$1.3	FY16 (\$200k) and FY17 (\$500k) in Capital Planning all scenarios
TIS	IT Service Management Implementation	\$1.1	\$0.6	
TIS	Mobile Device Management (Citywide)	\$1.0	\$0.3	
TIS	VA Radio Site Relocation	\$0.5		Full funding included in Capital Planning all scenarios

General Fund Project Recommendations

Annual Projects – Approve No Funding

Dept	Project Name	FY16 GF Request	FY17 GF Request	Notes
TIS	Contract Management System	\$0.2		
TIS	Digital Inclusion	\$0.2	\$0.2	
TIS	IBM SCCM Smart Cloud Cost Management Services	\$0.2		
TIS	O365 Upgrades	\$0.1	\$0.1	
TIS	System Center Configuration Manager	\$0.1		
TIS	Telecom - VoIP Project	\$1.1	\$1.0	
WAR	Veterans Building #SFWiFi	\$0.1		
WAR	Veterans Building Phone and Data	\$0.3		
	TOTAL	\$18.8	\$10.6	

COIT FY16 and FY17 Project Recommendations

Action Item

- Approve the FY16 & FY17 Proposed COIT Major IT, Annual Projects, and Non-General Fund Recommendations

Calendar Review

2015 COIT Meeting Schedule

- June 18
- July 23
- August (Summer Recess)
- September 17
- October 8
- November 19
- December 17

9. Public Comment
