



Committee on Information Technology

Regular Meeting

May 3, 2019

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

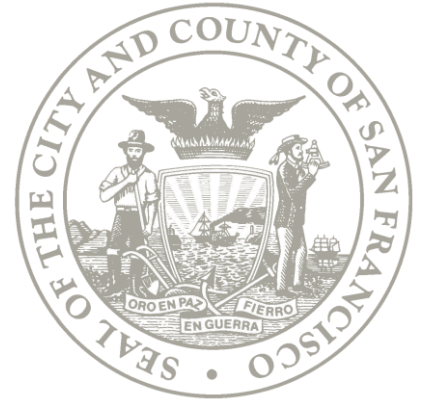
Agenda

- Call to Order by Chair
- Roll Call
- Approval of Meeting Minutes from April 18, 2019
- Chair Update
- CIO Update
- FY 2019-20 & FY 2020-21 Enterprise Department Budget Recommendations (Action Item)
- FY 2019-20 & FY 2020-21 General Fund Department Budget Recommendations (Action Item)
- Public Comment
- Adjournment

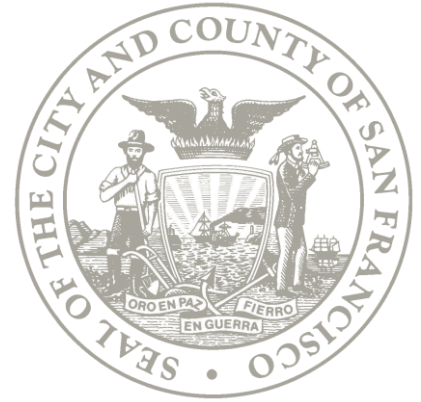


3. Approval of Minutes

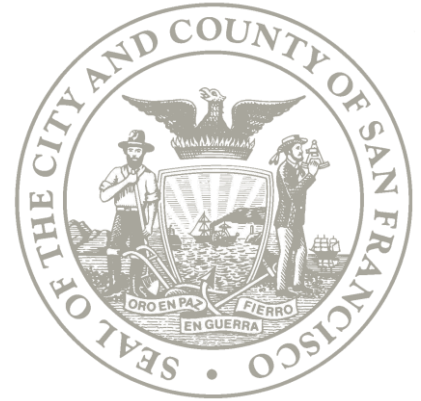
Action Item



4. Chair Update



5. CIO Update



6. FY 2019-20 & FY 2020-21 Enterprise Department Budget Recommendations (Action Item)

Enterprise Projects Overview

DEPARTMENT	NUMBER OF PROJECTS	TOTAL COST
Municipal Transportation Agency	4	\$183.0 M
Airport	5	\$11.7 M
Public Utilities	9	\$75.7 M

Policy Recommendation

Approve all projects on the condition:

- Enterprise departments will coordinate all upcoming projects that integrate with the City's network or critical systems with the City's Chief Cybersecurity Officer.
- PUC Smart City Controller's Project proceeds with the scope defined during budget, and will comply with requirements of the upcoming Surveillance Ordinance.



Municipal Transportation Agency

PROJECT	DESCRIPTION
Enterprise Asset Management	Project will establish a single asset inventory and maintenance management data repository
ITS Radio System Replacement	Replace the antiquated radio communications system for vehicle fleets with a modern radio and data communications system.
Parking Access & Revenue Control	Replacement of legacy Parking Garage Infrastructure with modernized equipment linking to a central in-house data warehouse.
Train Control System	Provide automatic routing for trains in West Portal.



PROJECT	DESCRIPTION
Common Use Self Service Check-In Kiosk Expansion	Expansion of existing Common Use Self Service (CUSS) check-in Kiosk Equipment to additional locations throughout the Airport.
Digital Signage Software System Enhancement	Upgrade of current digital signage software that improves platform enabling flexibility in information display design.
Multi-Use Flight Information Display Upgrade	Refresh Airport Information Displays to upgrade Digital Video Control (DVC) with new technology that reduces overheating & equipment failures.
Public WiFi – Rental Care Center	Existing Wi-Fi infrastructure was built in 2003 and does not meet the current demands. The Airport will provide free public Wi-Fi services.
Telecommunication Infrastructure Airport Wide	Upgrade, replace, and add new telecommunications infrastructure in order to support the Airport and tenants voice/data needs.



Public Utilities Commission

PROJECT	DESCRIPTION
Asset Management Improvements	Development of the Maximo system is a department priority. Maintaining Capital assets properly saves huge replacement costs.
Internet based / Microsoft Office 365 unified telephony / communications	Existing PBX infrastructure is aging, and going with an Internet based phone service is extremely cost efficient. Must work with O365 and Teams.
Managed Security Operations Center / Co-Managed Security Incident & Event Management	A managed security operations center and a co-managed security incident event management service would augment our current cybersecurity capabilities.
Multi-factor Authentication	Will complete the system administrator multifactor rollout by June, 2018 and full end user rollout will occur by November 2019.
Northern California Network and Internet performance upgrades	This project implement a high-speed fiber network connecting all major SFPUC sites within the Bay Area with redundant links for outages.

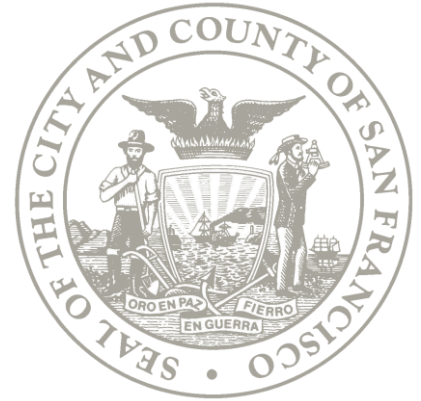




Public Utilities Commission

PROJECT	DESCRIPTION
Power Enterprise – Power Billing System	Replacement of Hetch Hetchy Utility Star electric billing system to bring in-house various CleanPowerSF functions.
Smart City Controllers	Streetlights are very valuable infrastructure which we plan to use to implement sweeping Smart City Infrastructure along with the light controls.
Stormwater Flow Cost Allocation	Stormwater Flow Cost Allocation Phase 2 will scale existing system to all our customers and will create more fair bills for their rain runoff.
System wide rationing / Drought surcharge / SB 814	This project rations water use to individual customers during a major drought, creates a drought surcharge, complies with SB 814.

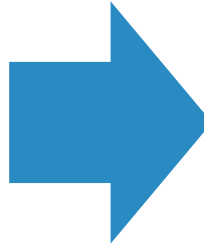




7. FY 2019-20 & FY 2020-21 General Fund Department Budget Recommendations (Action Item)

Subcommittee Recommendations

97 projects from General Fund Departments reviewed (total)



- **38** Request COIT approval with no funding support requested
- **36** Recommend approval without funding
- **23** Recommend approval with General Fund support



Scoring Criteria

- **Strategic Value** (Goals, Impact)
- **Project Benefits** (User Research, Outcome Measures)
- **Financial Benefits** (Savings, Fund Match)
- **Regulatory Compliance & Risk** (Policy, Security)
- **Architecture & Development Plan** (Data Sharing)
- **Department Capacity** (Planning, Staffing)

ICT Plan Goals

- Goal 1: Support & Maintain Critical Infrastructure
- Goal 2: Prepare and Protect City Systems
- Goal 3: Make City Operations More Efficient and Effective
- Goal 4: Improve the Customer Service Experience

Overview of Budget Recommendations

ICT Goal	Number of Projects	FY 2018-19		FY 2019-20	
		Request	Recommend	Request	Recommend
Goal 1	24	40.1	33.5	40.0	29.5
Goal 2	11	2.6	-	2.1	-
Goal 3	50	13.5	39	15.3	3.1
Goal 4	12	2.5	1.4	3.8	1.2
Total	97	58.6	38.8	61.3	33.8

Note: Funding figures are shown in \$ millions.





8. Public Comment