



Information Technology

Houston IT Services – HITS

The City of Houston 5 year Technology Investment Plan (TIP) outlines significant initiatives and developments in communication and information technologies. It recognizes that IT investments occur over a multi-year period. Capital technology projects follow a similar process to physical infrastructure projects, i.e. design, testing and construction/ implementation phases.

Houston IT Services or HITS (the city's central IT department) vision is to be a collaborative organization that enables our employees, partners, and citizens to get the utmost value from our technology investments now and in the future.

Opportunities to reach out and break down agency silos for greater economies of scale are prevalent. Opportunities to share agency data for new cross-agency collaborations exist. HITS works with other departments and IT divisions in Houston Airport System and Public Works and Engineering on these current opportunities.

Highlights of the Adopted FY2015 - 2019 TIP include but are not limited to:

- Network and Telephony upgrade - continuation from FY14, will reduce costs and minimize the risk of outages improve ability of HPD and HFD to support call volumes, ease of management, shift costs from maintenance to innovation, ability to adjust configuration to suit individual departmental needs, ability to set up redundancy.
- Data Center Consolidation – reduce the risk of disaster by consolidating seven (7) locations into two Tier III data centers, providing redundancy for power, cooling, internet, etc.
- Employee Self Service/ Manager Self Service (ESS/MSS) – web based component of SAP that allows users to update their own personal data such as addresses, phone numbers, beneficiaries, and W4 forms; while allowing managers to access data on their employees as well as personal development goals.
- INFOR – enterprise work order management system

Project Allocation	Fiscal Year Planned Appropriations					2015-2019
	2015	2016	2017	2018	2019	
Initiating						
Planning						
Executing	22,615	4,710	6,395	2,177	2,016	37,913
Monitoring & Controlling	346	949	901	1,059	901	4,157
Closing	309	206	206	206	206	1,135
Total Allocation	23,270	5,866	7,503	3,442	3,124	43,205
Source of Funds						
1800 - Equipment Acquisition Consolidated Fund	16,007	4,288	6,395	2,177	2,016	30,884
2301 - Building Inspection Fund	7,263	1,578	1,108	1,265	1,108	12,322
Total Funds	23,270	5,866	7,503	3,442	3,124	43,205

**INFORMATION TECHNOLOGY IMPROVEMENTS - Summary of Funds
2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project	Fiscal Year Planned Appropriations					2015-2019
		2015	2016	2017	2018	2019	
X-100007	HPD - Police Operational Systems Refresh						
	1800 - Equipment Acquisition Consolidated Fund	174	174	174	356	356	1,233
	Project Total	174	174	174	356	356	1,233
X-100013	HPD - Smartphone App For Citizens						
	1800 - Equipment Acquisition Consolidated Fund			100			100
	Project Total			100			100
X-100014	HPD - Smartphone App Internal						
	1800 - Equipment Acquisition Consolidated Fund			250			250
	Project Total			250			250
X-100015	HPD Cyber Security Assessment & Analysis						
	1800 - Equipment Acquisition Consolidated Fund	200					200
	Project Total	200					200
X-100016	HPD - Learning Mgt System						
	1800 - Equipment Acquisition Consolidated Fund	160					160
	Project Total	160					160
X-100017	HPD - Retention of Video Data Servers						
	1800 - Equipment Acquisition Consolidated Fund	88	88	88			264
	Project Total	88	88	88			264
X-100018	HPD - Replace FTO/Cadet Laptops						
	1800 - Equipment Acquisition Consolidated Fund	195	195	195	195	195	974
	Project Total	195	195	195	195	195	974
X-100019	HPD - IAD/Use of Force/Case Mgt System						
	1800 - Equipment Acquisition Consolidated Fund		500	500			1,000
	Project Total		500	500			1,000

**INFORMATION TECHNOLOGY IMPROVEMENTS - Summary of Funds
2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2015-2019	
		2015	2016	2017	2018	2019		
X-100020	HPD - Officer MDC Logon via Fingerprint							
	1800 - Equipment Acquisition Consolidated Fund		300				300	
	Project Total		300				300	
X-100023	HPD - CJIS Compliance							
	1800 - Equipment Acquisition Consolidated Fund	1,032					1,032	
	Project Total	1,032					1,032	
X-110001	Citizen Assistance Website							
	1800 - Equipment Acquisition Consolidated Fund	100					100	
	Project Total	100					100	
X-150002	HEC Nicelog Recording System Upgrade							
	1800 - Equipment Acquisition Consolidated Fund			615			615	
	Project Total			615			615	
X-200011	HPC Website Redesign & Wizard							
	2301 - Building Inspection Fund	4,522	562	140	140	140	5,504	
	Project Total	4,522	562	140	140	140	5,504	
X-200012	Electronic Plan Review							
	2301 - Building Inspection Fund	2,741	1,016	968	1,125	968	6,818	
	Project Total	2,741	1,016	968	1,125	968	6,818	
X-210001	SWM - Vehicle Tracking & Performance Sys							
	1800 - Equipment Acquisition Consolidated Fund	1,058					1,058	
	Project Total	1,058					1,058	
X-250001	GSD - Project Mgt System							
	1800 - Equipment Acquisition Consolidated Fund	358					358	
	Project Total	358					358	

**INFORMATION TECHNOLOGY IMPROVEMENTS - Summary of Funds
2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2015-2019
		2015	2016	2017	2018	2019	
X-340009	HPL - Public Facing Computers						
	1800 - Equipment Acquisition Consolidated Fund	160	223	255		160	797
	Project Total	160	223	255		160	797
X-380002	HLTH-CLINICAL MNGMT INFORMATION SYSTE						
	1800 - Equipment Acquisition Consolidated Fund	850					850
	Project Total	850					850
X-380003	HLT - Wireless & IT Switches Expansion						
	1800 - Equipment Acquisition Consolidated Fund			750			750
	Project Total			750			750
X-640004	Electronic Records Mgt System - Finance						
	1800 - Equipment Acquisition Consolidated Fund	24					24
	Project Total	24					24
X-640005	SAP Grant Module Upgrade						
	1800 - Equipment Acquisition Consolidated Fund	45					45
	Project Total	45					45
X-640006	Accounts Receivable Doc Repository						
	1800 - Equipment Acquisition Consolidated Fund	48					48
	Project Total	48					48
X-640007	Grant Interest Apportionment Program						
	1800 - Equipment Acquisition Consolidated Fund	56					56
	Project Total	56					56
X-640008	Automation of City Allocation Plan (SAP)						
	1800 - Equipment Acquisition Consolidated Fund	83					83
	Project Total	83					83

**INFORMATION TECHNOLOGY IMPROVEMENTS - Summary of Funds
2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2015-2019	
		2015	2016	2017	2018	2019		
X-640009	Financial Dashboard - Finance							
	1800 - Equipment Acquisition Consolidated Fund	123					123	
	Project Total	123					123	
X-640010	EMS Patient Database							
	1800 - Equipment Acquisition Consolidated Fund	200					200	
	Project Total	200					200	
X-640011	GASB 34 & CAFR Rpt Structure Buildout							
	1800 - Equipment Acquisition Consolidated Fund			645			645	
	Project Total			645			645	
X-650004	ARA 311 Disaster Recovery Site Equip Acq							
	1800 - Equipment Acquisition Consolidated Fund	133					133	
	Project Total	133					133	
X-650007	ARA Records Mgt E-Discovery							
	1800 - Equipment Acquisition Consolidated Fund	198					198	
	Project Total	198					198	
X-680002	Server & Storage Upgrades							
	1800 - Equipment Acquisition Consolidated Fund	566	250	250	250	250	1,566	
	Project Total	566	250	250	250	250	1,566	
X-680003	Data Center Consolidation							
	1800 - Equipment Acquisition Consolidated Fund	450	350				800	
	Project Total	450	350				800	
X-680005	Information & Cyber Security Project							
	1800 - Equipment Acquisition Consolidated Fund	4,817					4,817	
	Project Total	4,817					4,817	

**INFORMATION TECHNOLOGY IMPROVEMENTS - Summary of Funds
2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2015-2019	
		2015	2016	2017	2018	2019		
X-680006	PC Replacement							
	1800 - Equipment Acquisition Consolidated Fund	1,056	1,056	1,056	1,056	1,056	5,281	
	Project Total	1,056	1,056	1,056	1,056	1,056	5,281	
X-680007	INFOR - Enterprise Solution							
	1800 - Equipment Acquisition Consolidated Fund	1,300	997	702			3,000	
	Project Total	1,300	997	702			3,000	
X-680008	SAP Strategy Management							
	1800 - Equipment Acquisition Consolidated Fund	192	94				286	
	Project Total	192	94				286	
X-680009	Enterprise Content							
	1800 - Equipment Acquisition Consolidated Fund	127	61				188	
	Project Total	127	61				188	
X-680010	HITS Project Portfolio Mgt (Innotas)							
	1800 - Equipment Acquisition Consolidated Fund			105	120		225	
	Project Total			105	120		225	
X-680012	SAP Testing Tools & Consulting Upgrades							
	1800 - Equipment Acquisition Consolidated Fund			210	200		410	
	Project Total			210	200		410	
X-688000	Microsoft Enterprise Agreement							
	1800 - Equipment Acquisition Consolidated Fund	1,563					1,563	
	Project Total	1,563					1,563	
X-800001	ESS - MSS							
	1800 - Equipment Acquisition Consolidated Fund	650					650	
	Project Total	650					650	

INFORMATION TECHNOLOGY IMPROVEMENTS - Summary of Funds
2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project						2015-2019	
		2015	2016	2017	2018	2019		
X-900001	LGL - Data Mgt System Replacement							
	1800 - Equipment Acquisition Consolidated Fund			500			500	
	Project Total			500			500	
Total Appropriations:		23,270	5,866	7,503	3,442	3,124	43,205	