

EQUIPMENT AND OTHER - 2014-2018 CAPITAL IMPROVEMENT PLAN

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2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - EQUIPMENT AND OTHER

Project: Dangerous Bldg - Demo Various sites		Project No.		O-110001	
Project Description					
Demolition of building structures that pose a variety of risks to public health, safety and welfare. The Department of Neighborhoods manages the demolitions citywide.		City Council District			
		Location	V	Address Descr 2:	
		Served:	V	Zip Codes:	
		Key Map:		Category:	
		Location Code: UA-00		Sub-Category:	
Project Justification					
Buildings that are not maintained in compliance with requirements of the City Code of Ordinances are a safety hazard to the neighborhood residents and public safety officials. They are at risk of collapsing and injuring someone, a health hazard harboring infestations, and often used to conduct criminal activity.		Units:	0		
		Start Year:	2013		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2014-2018	Project Total
		2014	2015	2016	2017	2018		
Planning								
Acquisition-Land								
Design								
Construction		3,000	3,000	3,000	3,000	3,000	15,000	15,000
Equipment Acquisition								
Salary Recovery								
Other	2,500							2,500
Total Allocation	2,500	3,000	3,000	3,000	3,000	3,000	15,000	17,500
Source of Funds								
1801 - Dangerous Bldg Consolidated Fundd	2,500	3,000	3,000	3,000	3,000	3,000	15,000	17,500
2409 - TIRZ Affordable Housing Fund								0
Future Cert of Oblig								0
Total Funds	2,500	3,000	3,000	3,000	3,000	3,000	15,000	17,500

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - EQUIPMENT AND OTHER

Project: Bunker Gear		Project No.		O-120001	
Project Description					
Purchase approximately 800 bunker gear suits (pant & coats) to replace those which must be retired.		City Council District			
		Location	V	Address Descr 2:	
		Served:	W	Zip Codes:	
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
Project Justification					
Bunker gear must be retired after a 10 year life per the National Fire Protection Agency (NFPA). The fabric used in bunker gear wears down from heat, smoke and other fire hazards. HFD repairs bunker gear whenever possible.		Units:	655		
		Start Year:	2013		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2014-2018	Project Total
		2014	2015	2016	2017	2018		
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition	859	1,054	1,100	1,100	1,100	1,100	5,454	6,313
Salary Recovery								
Other								
Total Allocation	859	1,054	1,100	1,100	1,100	1,100	5,454	6,313
Source of Funds								
1800 - Equipment Acquisition Consolidated Fund	859	1,054	1,100	1,100	1,100	1,100	5,454	6,313
Total Funds	859	1,054	1,100	1,100	1,100	1,100	5,454	6,313

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - EQUIPMENT AND OTHER

Project: Hydraulic Stretchers		Project No.		O-120002	
Project Description					
This purchase will equip all currently deployed EMS treatment and transportation units with a power stretcher and allow for a rotation out of service for those stretchers nearing their 8 - 10 year useful life.		City Council District			
		Location	W	Address Descr 2:	
		Served:	W	Zip Codes:	
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
Project Justification					
There are approximately 90 power stretchers in use on the 98 EMS transport and treatment units in service through out the City of Houston. Lifting patients on a manual stretcher is a primary cause of lower back injury in the fire service.		Units:	9		
		Start Year:	2013		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2014-2018	Project Total
		2014	2015	2016	2017	2018		
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition	156	156				156	312	
Salary Recovery								
Other								
Total Allocation	156	156				156	312	
Source of Funds								
1800 - Equipment Acquisition Consolidated Fund	156	156				156	312	
Total Funds	156	156				156	312	

Project: Video Laryoscope Blades		Project No.		O-120007	
Project Description					
Purchase 2 video laryngoscopes and 2 sets of larger blades.		City Council District			
		Location	W	Address Descr 2:	
		Served:	W	Zip Codes:	
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
Project Justification					
Video laryngoscope allows for a clear view for the paramedic to quickly intubate a critical care patient. Intubation involves the insertion of a flexible plastic tube into the patient's windpipe to maintain an open airway so that drugs may be administered.		Units:	5		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2014-2018	Project Total
		2014	2015	2016	2017	2018		
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition		12				12	12	
Salary Recovery								
Other								
Total Allocation		12				12	12	
Source of Funds								
1800 - Equipment Acquisition Consolidated Fund		12				12	12	
Total Funds		12				12	12	

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - EQUIPMENT AND OTHER

Project: Fireground Communication Equipment		Project No.		O-120008	
Project Description					
Tough book is a laptop computer that is essential to fire ground control and communications. This device provides a unique identifier for each SCBA using a T-PASS device. System identifies any member in trouble on the fire ground. The EZ Comm device enables Firefighters to communicate with each other in hostile environments.		City Council District			
		Location	V	Address Descr 2:	
		Served:	W	Zip Codes:	
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
Project Justification					
Communications between FF in the fire ground is essential to FF life safety and customer survival. HFD needs to maintain an inventory stock of critical communications devices and components to replace lost or damages items. Need for enhancements to fire ground communications (Grace Accountability System)		Units:	10		
		Start Year:	2013		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2014-2018	Project Total
		2014	2015	2016	2017	2018		
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition	73	240				240	312	
Salary Recovery								
Other								
Total Allocation	73	240				240	312	
Source of Funds								
1800 - Equipment Acquisition Consolidated Fund	73	240				240	312	
Total Funds	73	240				240	312	

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - EQUIPMENT AND OTHER

Project: Self Contained Breathing Apparatus SCBA		Project No.		O-120014	
Project Description					
Purchase 150 SCBA 45 minute cylinders and 150 SCBA 60 minute cylinders.		City Council District			
		Location	V	Address Descr 2:	
		Served:	W	Zip Codes:	
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
Project Justification					
The SCBA is a device worn by firefighters to provide breathable air in an IDLH (Immediately Dangerous to Life and Health) situation. Cylinders provide breathable air for either 45 or 60 minutes. Over time, the cylinders become worn resulting in problems with the other connection pieces such as the pressure regulator or inhalation devices.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2014-2018	Project Total
		2014	2015	2016	2017	2018		
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition		254				254	254	
Salary Recovery								
Other								
Total Allocation		254				254	254	
Source of Funds								
1800 - Equipment Acquisition Consolidated Fund		254				254	254	
Total Funds		254				254	254	

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - EQUIPMENT AND OTHER

Project: Replacement of D & H Oxygen Cylinders		Project No.		O-120015	
Project Description					
Purchase 10 D cylinders and 11 H cylinders.		City Council District			
		Location	W	Address Descr 2:	
		Served:	W	Zip Codes:	
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
Project Justification					
HFD uses medical oxygen for patient emergencies. The D cylinder is portable and the H cylinder is afixed inside all EMS treatment and transportation units.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2014-2018	Project Total
		2014	2015	2016	2017	2018		
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition		55				55	55	
Salary Recovery								
Other								
Total Allocation		55				55	55	
Source of Funds								
1800 - Equipment Acquisition Consolidated Fund		55				55	55	
Total Funds		55				55	55	

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - EQUIPMENT AND OTHER

Project: Rescue Boats & Personal Protection Equip		Project No.		O-120016		
Project Description						
Purchase 2 Zodiac Mk4 Rescue Boats and 6 Mustang Dry Suits (PPE)		City Council District				
		Location	V	Address Descr 2:		
		Served:	W	Zip Codes:		
		Key Map:		Category:		
		Location Code:	UA-00	Sub-Category:		
Project Justification						
The current rigid hull rescue boats are 15 years old and have exceeded their useful lives. HFD needs to replace these boats with rescue boats that may be used in flood water and swift water rescues.		Units:	0			
		Start Year:				
		RCC Total	\$	RCA Total	\$	

Project Allocation	Previous Appropriations						2014-2018	Project Total
		2014	2015	2016	2017	2018		
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition		46				46	46	
Salary Recovery								
Other								
Total Allocation		46				46	46	
Source of Funds								
1800 - Equipment Acquisition Consolidated Fund		46				46	46	
Total Funds		46				46	46	

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - EQUIPMENT AND OTHER

Project: Extendo Beds		Project No.		O-120021		
Project Description						
The extendo bed provides additional storage for and organization of emergency equipment carried in response vehicles for EMS Supervisors. This is a less expensive alternative for additional space than purchasing extended bed SUVs. The bed is a rollerized platform mounted in the SUV providing fast access to emergency equipment.		City Council District				
		Location	V	Address Descr 2:		
		Served:	W	Zip Codes:		
		Key Map:		Category:		
		Location Code:	UA-00	Sub-Category:		
Project Justification						
EMS supervisor vehicles have limited storage resulting in delays in locating certain vehicle carried Firefighting equipment.		Units:	0			
		Start Year:	2013			
		RCC Total	\$	RCA Total	\$	

Project Allocation	Previous Appropriations						2014-2018	Project Total
		2014	2015	2016	2017	2018		
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition	44	40				40	84	
Salary Recovery								
Other								
Total Allocation	44	40				40	84	
Source of Funds								
1800 - Equipment Acquisition Consolidated Fund	44	40				40	84	
Total Funds	44	40				40	84	

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - EQUIPMENT AND OTHER

Project: Non-Rolling Stock Transportation		Project No.		O-120025	
Project Description					
Purchase 15 bicycles and 2 first response mules		City Council District			
		Location	W	Address Descr 2:	
		Served:	W	Zip Codes:	
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
Project Justification					
The need for EMS presence at special events requires that certain personnel serve on the medical bike teams. For off road green space responses, four wheel mules are used. These equipment items currently in use are beyond their useful lives. The mules do not start readily and do not run well if started.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2014-2018	Project Total
		2014	2015	2016	2017	2018		
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition		44				44	44	
Salary Recovery								
Other								
Total Allocation		44				44	44	
Source of Funds								
1800 - Equipment Acquisition Consolidated Fund		44				44	44	
Total Funds		44				44	44	

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - EQUIPMENT AND OTHER

Project: Radio Data - Link Access Protocol		Project No.		O-120026	
Project Description					
Switch to LTE technology and Harris County public safety "D Block" (Harris County LTE System)		City Council District			
		Location	W	Address Descr 2:	
		Served:	W	Zip Codes:	
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
Project Justification					
Proprietary radio transmission equipment no longer supported by Motorola and replacement equipment can no longer be purchased through normal retail channels. Secondary markets such as eBay must be utilized. There is a risk that departmental operations and Public Safety may experience parts shortages.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2014-2018	Project Total
		2014	2015	2016	2017	2018		
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition		250	192	192	192	192	1,018	1,018
Salary Recovery								
Other								
Total Allocation		250	192	192	192	192	1,018	1,018
Source of Funds								
1800 - Equipment Acquisition Consolidated Fund		250	192	192	192	192	1,018	1,018
Total Funds		250	192	192	192	192	1,018	1,018

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - EQUIPMENT AND OTHER

Project: Black Refuse Carts VARIOUS LOCATIONS	Project No.		O-210001	
Project Description				
The Solid Waste Management Department must have available containers for residents receiving City garbage collection. Lack of containers will result in residents not being able to properly dispose of household waste, which will create a health and safety hazard.	City Council District			
	Location	V	Address Descr 2:	
	Served:	W	Zip Codes:	
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
This will ensure that the department has available containers for residents to properly dispose of household waste.	Units:	0		
	Start Year:	2013		
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2014-2018	Project Total
		2014	2015	2016	2017	2018		
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition	1,000	1,000	1,000	1,000	1,000	1,000	5,000	6,000
Salary Recovery								
Other								
Total Allocation	1,000	1,000	1,000	1,000	1,000	1,000	5,000	6,000
Source of Funds								
1800 - Equipment Acquisition Consolidated Fund	1,000	1,000	1,000	1,000	1,000	1,000	5,000	6,000
Future Bond Election								0
Total Funds	1,000	1,000	1,000	1,000	1,000	1,000	5,000	6,000