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388 C63005 FIRE APPARATUS

Agency: 0351 Public Safety: Stamford Fire Department

Contact: Mike Robles - (203)-977-4672 - mrobles@stamfordct.gov

Location: Stamford Fire Department

Neighborhood: Voting District:

		Dept Priority	1	Tier	1
HTE Date	2021-10-12	YTD Balance		185,1	.02.71
Encumbered	1,837,420.00	Amount Available		185,1	02.49
Advanced	0.00	Unfunded			0.22

Project Description - We are utilizing an apparatus replacement schedule where front line vehicles are in service for approximately ten years. Once an apparatus is removed from front line service it is utilized as reserve apparatus for additional years. For fire apparatus approaching or exceeding 15 to 20 years of age, corrosion, metal fatigue and crystallization in concealed areas can result in serious consequences. For this reason we are prioritizing this request as 1. This year we are requesting \$700,000 to replace engine 7 and \$300,000 to replace engine 7. Engine 7 is a 2006 and is 5 years past its scheduled replacement as a front line pumper. It is located in the Springdale firehouse and responds throughout the city. We are also looking to partner with the Long Ridge Fire Company to replace their front line pumper E71. It is a 1996 that is 25 years old and per NFPA standards can not be a front line pumper. The partnership with LRFD will be a 50/50 split and the city will maintain ownership. We also need to replace an engine to catch up to our scheduled replacement of engines. Engines are the basic fire department response vehicle, otherwise known as a pumper truck. Currently the city owns 13 front line Engines and 3 reserves. Replacement is also needed in the Stamford Volunteer Fire Companies.

Detailed Projec	t Cost	Justification for Inclusion in Capital Plan
Design Development Construction Related Equipment Acquisition Miscellaneous Costs Professional Services Land Acquisition Art Work FY 22/23 Total	\$0 \$0 \$0 \$1,000,000 \$0 \$0 \$0 \$1,000,000	✓ Cost Savings ✓ Life Safety ✓ Continues On-Going Project Leverages Other Funds Infrastructure Quality of Life ✓ Plan Related ✓ Public Safety Health Mandated Legal Positive Revenue Impact ✓ Positive Operational Impact/Efficiency ✓ Other

	Expenditures by Year												
Fiscal Year	Authorization	Encumbered	Expenditure										
2022	1,200,000.00	1,837,420.00	0.00										
2021	800,000.00	0.00	1,043,435.29										
2020	1,140,812.00	0.00	543,540.00										
2019	600,000.00	0.00	1,199,990.00										
<2019	4,777,806.00	0.00	3,709,130.00										
Total Expenditures	\$8,518,618.00	\$1,837,420.00	\$6,496,095.29										

Method Used in Estimating Cost:	Estimated change in annual operating cost:
Past Experience	\$0

Request	Request FY 22/23						Capital Forecasts						
Funding Source	Term	Dept	Planning	Mayor	BOF	Adopted	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29	Total
Bond (City)	20	1,000,000	0	0	0	0	0	0	0	0	0	0	1,000,000
Private Contributions		300,000	0	0	0	0	0	0	0	0	0	0	300,000
		1,300,000	0	0	0	0	0	0	0	0	0	0	1,300,000

History FY 21/22					Capital Forecasts						95		
Funding Source	Term	Dept	Planning	Mayor	BOF	Adopted	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	Total
Bond (City)	10	1,800,000	600,000	1,200,000	1,200,000	1,200,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	10,800,000
1,800,000		1,800,000	600,000	1,200,000	1,200,000	1,200,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	10,800,000

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62 CP9351 HYDRANT REPLACEMENT

Agency: 0351 Public Safety: Stamford Fire Department

Contact: Mike Robles - (203)-977-4672 - mrobles@stamfordct.gov

Location: Citywide

Neighborhood: Voting District:

		Dept Priority	2	Tier	0	
HTE Date	2021-10-12	YTD Balance	32,121.9			
Encumbered	101,384.45	Amount Available		32,1	21.80	
Advanced	0.00	Unfunded			0.13	

Project Description - The water company is replacing and improving several water mains throughout the city. As they replace the water mains we replace the old hydrants connected to the old mains. Funds will be used to maintain all hydrants and replace damaged and/or inoperable fire hydrants to assure water supply. Also add new hydrants for new water mains added to system. The construction portion of these ongoing obligations are: digging out existing plumbing and hydrants, road, and sidewalk repairs to restore to previous condition. We have met with the water company and created a priority replacement that is currently being done.

Detailed Projec	t Cost	Justification for Inclusion in Capital Plan
Design Development Construction Related Equipment Acquisition Miscellaneous Costs Professional Services Land Acquisition Art Work FY 22/23 Total	\$0 \$90,000 \$60,000 \$0 \$0 \$0 \$0 \$150,000	✓ Cost Savings ✓ Life Safety ✓ Continues On-Going Project Leverages Other Funds ✓ Infrastructure Quality of Life ✓ Plan Related ✓ Public Safety Health Mandated Legal Positive Revenue Impact ✓ Positive Operational Impact/Efficiency Other

	Expenditures by Year												
Fiscal Year	Authorization	Encumbered	Expenditure										
2022	50,000.00	101,384.45	10,143.81										
2021	50,000.00	0.00	38,471.74										
2020	75,000.00	0.00	0.00										
2019	0.00	0.00	128,505.32										
<2019	1,081,914.18	0.00	946,286.93										
Total Expenditures	\$1,256,914.18	\$101,384.45	\$1,123,407.80										

Method Used in Estimating Cost:	Estimated change in annual operating cost:
Past Experience	\$0

Request FY 22/23						Capital Forecasts							
Funding Source	Term	Dept	Planning	Mayor	BOF	Adopted	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29	Total
Bond (City)		150,000	0	0	0	0	100,000	100,000	100,000	100,000	100,000	100,000	750,000
		150,000	0	0	0	0	100,000	100,000	100,000	100,000	100,000	100,000	750,000

History		FY 21/22					Capital Forecasts						96
Funding Source	Term	Dept	Planning	Mayor	BOF	Adopted	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	Total
Bond (City)	20	100,000	50,000	50,000	50,000	50,000	100,000	100,000	100,000	100,000	100,000	100,000	700,000
		100,000	50,000	50,000	50,000	50,000	100,000	100,000	100,000	100,000	100,000	100,000	700,000

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434 CP7181 PERSONAL PROTECTION EQUIPMENT (PPE)

Agency: 0351 Public Safety: Stamford Fire Department

Contact: Mike Robles - (203)-977-4672 - mrobles@stamfordct.gov

Location: Stamford Fire

Neighborhood: Voting District:

		Dept Priority	3	Tier	0
HTE Date	2021-10-12	YTD Balance		229,9	17.15
Encumbered	3,952.80	Amount Available		179,9	17.15
Advanced	0.00	Unfunded		50,0	00.00

Project Description - For the purchase of Turn Out Gear for all Stamford Firefighters, Career. Per the CBA, each member receives new gear every 5 years. Turn out gear in this regard includes coat, pants. NFPA standard 1871 requires the retirement of this equipment within 10 years of the date of manufacturer, best practice is for each firefighter to be issued 2 sets of Turn out gear to allow for repair and decontamination of each. The hazards related to cancer and contaminates that are retained within the gear is becoming clearer through studies every year. The entire department has better than 260 members required to have turn out gear.

Detailed Project	t Cost	Justification for Inclusion in Capital Plan
Design Development Construction Related Equipment Acquisition Miscellaneous Costs Professional Services Land Acquisition Art Work FY 22/23 Total	\$0 \$0 \$50,000 \$0 \$0 \$0 \$0 \$50,000	✓ Cost Savings ✓ Life Safety ✓ Continues On-Going Project Leverages Other Funds Infrastructure ✓ Quality of Life Plan Related ✓ Public Safety Health ✓ Mandated Legal Positive Revenue Impact ✓ Positive Operational Impact/Efficiency Other

Expenditures by Year										
Fiscal Year	Fiscal Year Authorization Encumbered Expenditu									
2022	0.00	3,952.80	0.00							
2021	100,000.00	0.00	46,047.20							
2020	150,000.00	0.00	45,670.68							
2019	150,000.00	0.00	245,766.95							
<2019	361,500.00	0.00	190,145.22							
Total Expenditures	\$761,500.00	\$3,952.80	\$527,630.05							

Method Used in Estimating Cost:	Estimated change in annual operating cost:
	\$0

Request	Request FY 22/23 Capital Forecasts												
Funding Source	Term	Dept	Planning	Mayor	BOF	Adopted	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29	Total
Bond (City)		50,000	0	0	0	0	150,000	150,000	150,000	150,000	150,000	150,000	950,000
		50,000	0	0	0	0	150,000	150,000	150,000	150,000	150,000	150,000	950,000

History FY 21/22			Capital Forecasts					100					
Funding Source	Term	Dept	Planning	Mayor	BOF	Adopted	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	Total
Bond (City)	20	150,000	50,000	0	0	0	150,000	150,000	150,000	150,000	150,000	150,000	1,050,000
	150,000 50,000 0 0				150,000	150,000	150,000	150,000	150,000	150,000	1,050,000		

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373 CP3809 CENTRAL FIRE HEADQUARTERS RENOVATION

Agency: 0351 Public Safety: Stamford Fire Department

Contact: Mike Robles - (203)-977-4672 - mrobles@stamfordct.gov

Location: Central Fire Headquarters, 629 Main St.

Neighborhood: Voting District:

		Dept Priority	4	Tier	0
HTE Date	2021-10-12	YTD Balance		1	18.07
Encumbered	0.00	Amount Available		1	18.07
Advanced	0.00	Unfunded			0.00

Project Description - Central Fire Headquarters @ 629 Main St. A recommendation will be to switch to a split HVAC system to take care of problem areas throughout the building and replace the current Energy Management System that is not working and was based on windows 95. The boilers currently do not have a control system and the main air handler is reaching end of life. Facilities recommendation @ \$150,000. Removal of existing flooring material, installation of clean / non-slip epoxy flooring surface. Paving of the parking lot and apron of building. Employee ID access security system.

Detailed Project	t Cost	Justification for Inclusion in Capital Plan
Design Development Construction Related Equipment Acquisition Miscellaneous Costs Professional Services Land Acquisition Art Work FY 22/23 Total	\$0 \$0 \$40,000 \$70,000 \$0 \$0 \$0 \$110,000	✓ Cost Savings ✓ Life Safety ✓ Continues On-Going Project Leverages Other Funds ✓ Infrastructure ✓ Quality of Life ✓ Plan Related ✓ Public Safety Health Mandated Legal Positive Revenue Impact ✓ Positive Operational Impact/Efficiency ✓ Other

Expenditures by Year										
Fiscal Year	Authorization	Encumbered	Expenditure							
2021	0.00	0.00	0.00							
2020	0.00	0.00	42,365.61							
2019	0.00	0.00	49,920.96							
<2019	100,000.00	0.00	7,595.36							
Total Expenditures	\$100,000.00	\$0.00	\$99,881.93							

Method Used in Estimating Cost:	Estimated change in annual operating cost:
	\$0

Request FY 22/23			Capital Forecasts										
Funding Source	Term	Dept	Planning	Mayor	BOF	Adopted	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29	Total
Bond (City)		110,000	0	0	0	0	0	0	0	0	0	0	110,000
		110,000	0	0	0	0	0	0	0	0	0	0	110,000

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1252 001252 MOBILE RADIO REPLACEMENT

Agency: 0351 Public Safety: Stamford Fire Department

Contact: Mike Robles - (203)-977-4672 - mrobles@stamfordct.gov

Location: all stations

Neighborhood: Voting District:

		Dept Priority	5	Tier	0
HTE Date		YTD Balance			
Encumbered		Amount Available			
Advanced	0.00	Unfunded			

Project Description - The current radios are past their service life and can no longer be repaired. As other cities and towns we recently switched to the state radio system to provide state wide coverage and a more redundant system. The state is currently a P25 phase 1 and phase 2 system but is looking to have all subscribers upgrade to phase 2. Our curent outdated equipment is not phase 2 capable. Radios are 6k each

Detailed Projec	t Cost	Justification for Inclusion in Capital Plan				
Design Development Construction Related Equipment Acquisition Miscellaneous Costs Professional Services Land Acquisition Art Work FY 22/23 Total	\$0 \$0 \$200,000 \$0 \$0 \$0 \$0 \$0 \$0	Cost Savings Life Safety Continues On-Going Project Leverages Other Funds Infrastructure ✓ Quality of Life ✓ Plan Related Public Safety Health Mandated Legal Positive Revenue Impact ✓ Positive Operational Impact/Efficiency Other				

Method Used in Estimating Cost:	Estimated change in annual operating cost:
	\$0

Request	Request FY 22/23 Capital Forecasts												
Funding Source	Term	Dept	Planning	Mayor	BOF	Adopted	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29	Total
Bond (City)		200,000	0	0	0	0	200,000	100,000	0	0	0	0	500,000
		200,000	0	0	0	0	200,000	100,000	0	0	0	0	500,000

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1253 001253 TAP BOXES

Agency: 0351 Public Safety: Stamford Fire Department

Contact: Mike Robles - (203)-977-4672 - mrobles@stamfordct.gov

Location: all stations

Neighborhood: Voting District:

		Dept Priority	6	Tier	0
HTE Date		YTD Balance			
Encumbered		Amount Available			
Advanced	0.00	Unfunded			

Project Description - In order to harden our infrastructure and make sure they always have power a generator tap box will be required at all of our fire stations. A trailer mounted 150KW will also be required to be used with the tap boxes. Generator tap boxes are permanently mounted on the outside of a building. They play a vital role in connecting the electrical system of the firehouses to the portable generator in order to deliver temporary (and even long-term) electrical power. It is electrically connected to a manual transfer switch or an automatic transfer switch—temporary power, made easy.

Detailed Projec	t Cost	Justification for Inclusion in Capital Plan	
Design Development Construction Related Equipment Acquisition Miscellaneous Costs Professional Services Land Acquisition Art Work FY 22/23 Total	\$0 \$50,000 \$180,000 \$0 \$0 \$0 \$0 \$0 \$0	Cost Savings Life Safety Continues On-Going Project Leverages Other Funds Infrastructure ✓ Quality of Life ✓ Plan Related Public Safety Health Mandated Legal Positive Revenue Impact ✓ Positive Operational Impact/Efficiency Other	Method Used in Estim

Method Used in Estimating Cost:	Estimated change in annual operating cost:
	\$0

Request FY 22/23				Capital Forecasts									
Funding Source	Term	Dept	Planning	Mayor	BOF	Adopted	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29	Total
Bond (City)		230,000	0	0	0	0	0	0	0	0	0	0	230,000
		230,000	0	0	0	0	0	0	0	0	0	0	230,000

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365 CP5901 BELLTOWN EMERGENCY GENERATOR & ELECTRICAL UPGRADES

Agency: 0351 Public Safety: Stamford Fire Department

Contact: Mike Robles - (203)-977-4672 - mrobles@stamfordct.gov

Location: Belltown Fire Station

Project Description - Replace emergency generator.

Neighborhood: Voting District:

		Dept Priority	7	Tier	0
HTE Date	2021-10-12	YTD Balance			0.00
Encumbered	0.00	Amount Available			0.00
Advanced	0.00	Unfunded			0.00

Detailed Proje	ct Cost	Justification for Inclusion in Capital Plan	Expenditures by Year					
Design Development	\$0	✓ Cost Savings	Fiscal Year	Authorization	Encumbered	Expenditure		
Construction Related	\$30,000	Life Safety Continues On Coing Project	2019	-900.00	0.00	0.00		
Equipment Acquisition	\$30,000	☐ Continues On-Going Project☐ Leverages Other Funds	<2019	4,500.00	0.00	3,600.00		
Miscellaneous Costs	\$0	✓ Infrastructure	Total Expenditures	\$3,600.00	\$0.00	\$3,600.00		
Professional Services	\$0	Quality of Life						
Land Acquisition	\$0	☐ Plan Related☑ Public Safety Health						
Art Work	\$0	☐ Mandated Legal						
FY 22/23 Total	\$60,000	Positive Revenue Impact						
		✓ Positive Operational Impact/Efficiency	Method Used in E	stimating Cost: E	Estimated change in annual operating cost:			
		☐ Other				\$0		

Request				FY 22/23			Capital Forecasts						
Funding Source	Term	Dept	Planning	Mayor	BOF	Adopted	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29	Total
Bond (City)		60,000	0	0	0	0	0	0	0	0	0	0	60,000
		60,000	0	0	0	0	0	0	0	0	0	0	60,000