FY22 Budget Process

City Council Information Request

Department: Fire Department (BFD)

GENERAL INFORMATION:

- 1. Summary Budget for FY22 See Separate Attachment (Appendix A)
- 2. Detail on "Other" or "Misc" Line Items (53900, 54900, & 55900)

BUDGET NARRATIVE:

- 3. Three Largest Budget Reductions from FY21 in dollars and %
- 4. Three Largest Budget Increases from FY21 in dollars and %
- 5. Detail on Other Significant Budget Expansions or Reductions
- 6. Any New Responsibilities Assigned to Department in the Last Two Years
- 7. Any Responsibilities Transferred Out of Department in Last Two Years
- 8. Actual YTD FY21 Spending See Separate Attachment (Appendix B)
- 9. Any Savings Realized by Department in FY21
- 10a. Any Changes to External Funds
- 10b. Federal funds related to COVID in FY21 and FY22
- 11. List of 5 Major Accomplishments in FY21 See Separate Attachment (Appendix C)
- 12. Chief FY22 Goals, Ongoing and New Initiatives See Separate Attachment (Appendix D)
- 13. Multi-year Projects or Investments, Discuss FY21 Ramp-up or Wind-down in Spending, and Future Year Plan
- 14. Any Expanded Budget Authority Not Granted, But Plan to Resubmit in Future
- 15. Departmental Financial and Personnel Resources Devoted to Language Access

PERSONNEL INFORMATION:

- 16. Five Year Analysis of Full Time Employees (FTEs)
- 17. Breakdown of Employees on Leave
- 18. Five Year Analysis of the Total Number of Positions
- 19. A. Breakdown of Employees by Race and Gender
 - B. Breakdown of Top 10 Wage Earners by Race and Gender
- 20. Breakdown of Employees with Language Competency Other Than English
- 21. Five Year Analysis of Overtime
- 22. Amount and Justification of Any Stipends
- 23. Any Hiring Challenges Experienced This Year

CONTRACTS - See Separate Attachment (Appendix E)

- 24. Overview of Current Contracts
- 25. Breakdown of Contracts
- 26. Any Barriers to Contractor Diversity in Department Contracts
- 27. Narrative on Contracts Over \$100,000

PERFORMANCE MEASURES

REVOLVING FUNDS - See Separate Attachment (Appendix F)

2) Detail on "Other" and "Misc" Line Items

Account	Account Descr	Amount	Details
53900	Misc Supplies and Materials	837,060	Auto parts to repair cars and truck, wear Apparel, and plumbing and electrical parts
54900	Other Current Charges	803,116	Water, Dues and Subscriptions, Internet and cable, Boiler Inspections
55900	Misc Equipment	1,199,037	Computers and computer Equipment, Fire Equipment, Electrical Equipment

3) Three Largest Budget Reductions from FY21

	Account	Account Description	Amount	% Change	Explanation
1.	52200	Utilities	(450,291)	-21.7%	Reduced funding due to current Utility rates
2.	51000	Permanent Employees	(363,147)	-0.2%	Moved Cadet Funding of 133K to Contracted Services; Miscellaneous salary changes.
3.	N/A				

4) Three Largest Budget Increases from FY21

	Account	Account Description	Amount	% Change	Explanation
1.	51200	Overtime	3,002,844	13.4%	Restored Overtime to the FY20 levels
2.	52900	Contracted Services	340,130	9.7%	Increased in Bunker Gear Cleaning 288K and added Cadet Funding 133K
3.	55400	Lease Purchase	207,000	6.1%	Increase in Debt Service from previous year

- 5) Other Significant Budget Expansions or Reductions N/A
- **6) Any New Responsibilities Assigned to Department in the Last Two Years -** With Grant funding, expanded the "Knock and Talk" program for opioid addiction. Conducted rigorous training focused on fostering a safe work environment with appropriate workplace behaviors.
- 7) Any Responsibilities Transferred Out of Department in Last Two Years No responsibilities were transferred out during the past two years.
- 8) Actual YTD FY21 Spending See Separate Attachment (Appendix B)
- 9) FY21 Savings Realized by Department N/A
- **10a)** Changes to External Funds FY20 State Training Grant and Hazmat Grant were underfunded by 1.7 million due to the State changing the reimbursement paperwork requirements. In FY21, BFD is making the necessary changes to ensure future funding.
- **10b) Federal Funds related to COVID in FY21 and FY22-** Assistance to Firefighters Grant Program COVID-19 Supplemental (AFG-S)- funding of \$397K to purchase of PPE and related supplies, including reimbursements, to prevent, prepare for, and respond to coronavirus additionally resources were provided from the central CARES-Coronavirus Relief Fund (CRF) grant to support the COVID-19 emergency response.

- 11) List of 5 Major Accomplishments FY21 See Separate Attachment (Appendix C)
- 12) Chief FY22 Goals, Ongoing and New Initiatives See Separate Attachment (Appendix D)
- 13) Multi-year Projects or Investments, Discuss FY21 Ramp-up or Wind-down in Spending, and Future Year Plan Reconstruction of Engine 42 is scheduled to be completed in the Fall of 2021. The Fire Department continues annually Industrially Cleaning Firehouses for the safety and wellness of our firefighters. The goal is to industrially clean 3 to 4 Fire Houses annually. The Fire Department started upgrading their Radio System in FY20 and will continue over the next four years as part of a \$37 million tiered project.

14) Any Expanded Budget Authority Not Granted, But Plan to Resubmit in Future

While additional resources can always be put to good use, the department understands the necessity of doing more with less in difficult fiscal times.

15) Departmental Financial and Personnel Resources Devoted to Language Access

FY21 Language Communications Access (LCA) Allocation (in ONS Budget) - \$0

Other Financial and Personnel Resources - BFD has multiple employees who speak other languages who are not formally in the language pool or officially listed as a language speaker, readily available if needed for language communication.

16) Five Year Analysis of Full-Time Equivalents as of January 1

	FY18	FY19	FY20	FY21	FY22 Projected
FTEs	1610.3	1611.5	1618.5	1618.5	1656.5

17) Breakdown of Instances of Employees on Leave

Leave Type	FY20	FY21 (Through March)
FMLA	52	30
Paid Administrative Leave	10	8
Unpaid Leave	5	1

18) Five Year Analysis of the Total Number of Positions

	FY18 Adopted	FY19 Adopted	FY20 Adopted	FY21 Adopted	FY22 Recommended
Total Full-Time Positions (Permanent)	1680	1682	1685	1695	1680
Total Part-Time Positions (Permanent)	-	-	-	-	-
Total Employment Agreements	-	-	-	-	-

19A) Breakdown of Employees by Race and Gender

Active Employees as of April 1, 2021

	Female	Male	Total	% of Total
Asian	6	17	23	1%
Black	23	269	292	18%
Hispanic	10	120	130	8%
Not Specified	2		2	0%
White	50	1109	1159	72%
Total	91	1515	1606	100%
% of Total	6%	94%	100%	

19B) Breakdown of Top Ten Dept Salaries by Race and Gender

Active Employees as of April 1, 2021; Top 4 Salaries

	Female	Male	Total	% of Total
Black	0	1	1	5%
White	0	18	18	95%
Total	0	19	19	100%
% of Total	0%	100%	100%	

20) Employee Counts with Language Competency including the Volunteer Pool

Language	# of employees	Language	# of employees
Spanish	89	Dutch	1
Haitian Creole	11	Gaelic	1
Cape Verdean	8	Greek	1
French	6	Italian	1
Chinese	5	Polish	1
Portuguese	3		
Vietnamese	2		

21) Five Year Overtime History

FY18	FY19	FY20	FY21 Approp	FY21 YTD (through March)	FY22 Recom
\$21,905,655	\$23,569,945	\$27,339,882	\$22,391,697	\$19,975,517	\$25,395,541

22) Amount and Justification of Any Stipends

Weekly Amount	Notes
\$87	1 Employee received a stipend for serving on the Retirement Board; this is paid for by the Retirement Board.

23) Any Hiring Challenges Experienced This Year - Firefighter recruit class was delayed until June 2021 due to challenges with vetting the candidates.

24, 25, 26, 27) Breakdown of contracts, contracts over \$100k - See Separate Attachment (Appendix E)

Performance Measures

Measure	FY19 Actual	FY20 Actual	FY21 Proj	FY22 Target	Comments on Targets	Trend Narrative
Response Time	4	4	4	4	4 Minutes is the national average	Response time has been consistent
Knock and Drop community programs held	488	203	300	350	Increase from 2021 but not at pre -covid levels	Covid-19 impacted this program but in FY22 we expect to start to get back to normal.
Elderly outreach and education visits	1,575	876	0	400	Increase from 2021 but not at pre -covid levels	Covid-19 impacted this program but in FY22 we expect to start to get back to normal.
School programs held to provide fire safety education	383	234	0	100	Looking to restart program	Covid-19 impacted this program but in FY22 we expect to start to get back to normal.
# of incidents responded to	83,197	84,357	70000	72000		We are seeing a decrease in incidents responded to

Performance Measures

Measure	FY19 Actual	FY20 Actual	FY21 Proj	FY22 Target	Comments on Targets	Trend Narrative
% Calls Responded to under 4 Mins.	80	60	60	65	We expect the rate to increase in FY22	This measure has decreased by 20% from FY19
Companies trained in Back to Basics.	228	228	228	228		Try to stay consistent year over year.
Firefighters attending resiliency, health and safety symposiums.	900	0	0	450		Covid-19 impacted this program but in FY22 we expect to start to get back to normal.
Apparatus purchased by fiscal year.	8	8	6	6	Annual Apparatus replacement program	

Revolving Fund(s) - See Separate Attachment (Appendix F) N/A

Appendix A

Department History

Personnel Services	FY19 Expenditure	FY20 Expenditure	FY21 Appropriation	FY22 Recommended	Inc/Dec 21 vs 22
51000 Permanent Employees 51100 Emergency Employees 51200 Overtime 51600 Unemployment Compensation 51700 Workers' Compensation Total Personnel Services	204,201,217 0 23,569,944 34,955 19,730 227,825,846	217,087,185 0 27,339,883 26,520 92,770 244,546,358	224,136,640 0 22,391,698 60,000 150,000 246,738,338	223,773,493 0 25,394,542 60,000 150,000 249,378,035	-363,147 0 3,002,844 0 0 2,639,697
Contractual Services	FY19 Expenditure	FY20 Expenditure	FY21 Appropriation	FY22 Recommended	Inc/Dec 21 vs 22
52100 Communications 52200 Utilities 52400 Snow Removal 52500 Garbage/Waste Removal 52600 Repairs Buildings & Structures 52700 Repairs & Service of Equipment 52800 Transportation of Persons 52900 Contracted Services Total Contractual Services	976,960 1,729,740 16,029 185,130 1,489,537 1,327,279 211,375 3,779,548 9,715,598	958,675 1,685,127 10,280 274,749 1,883,327 1,516,125 112,933 3,060,117 9,501,333	923,568 2,075,432 40,000 274,051 1,450,000 1,622,130 54,600 3,500,242 9,940,023	923,568 1,625,141 40,000 274,051 1,450,000 1,622,130 54,600 3,840,372 9,829,862	0 -450,291 0 0 0 0 0 340,130 -110,161
Supplies & Materials	FY19 Expenditure	FY20 Expenditure	FY21 Appropriation	FY22 Recommended	Inc/Dec 21 vs 22
53000 Auto Energy Supplies 53200 Food Supplies 53400 Custodial Supplies 53500 Med, Dental, & Hosp Supply 53600 Office Supplies and Materials 53700 Clothing Allowance 53800 Educational Supplies & Mat	896,068 0 39,953 148,255 156,030 872,550	830,451 0 74,955 167,264 76,431 873,725 0	682,838 0 64,000 148,751 138,800 867,060	682,838 0 64,000 148,751 138,800 867,060	0 0 0 0 0 0
53900 Misc Supplies & Materials Total Supplies & Materials	3,693,464 5,806,320	3,875,029 5,897,855	3,948,585 5,850,034	3,948,585 5,850,034	0
53900 Misc Supplies & Materials	3,693,464	3,875,029	3,948,585	3,948,585	0
53900 Misc Supplies & Materials Total Supplies & Materials	3,693,464 5,806,320	3,875,029 5,897,855	3,948,585 5,850,034	3,948,585 5,850,034	0
53900 Misc Supplies & Materials Total Supplies & Materials Current Chgs & Oblig 54300 Workers' Comp Medical 54400 Legal Liabilities 54500 Aid To Veterans 54600 Current Charges H&I 54700 Indemnification 54800 Reserve Account 54900 Other Current Charges	3,693,464 5,806,320 FY19 Expenditure 11,530 107,124 0 0 4,177,534 0 690,488	3,875,029 5,897,855 FY20 Expenditure 22,646 147,000 0 4,505,761 0 528,848	3,948,585 5,850,034 FY21 Appropriation 41,500 140,000 0 0 3,500,000 0 687,116	3,948,585 5,850,034 FY22 Recommended 41,500 147,000 0 3,500,000 0 803,116	0 0 0 Inc/Dec 21 vs 22 0 7,000 0 0 0 0 0 116,000
53900 Misc Supplies & Materials Total Supplies & Materials Current Chgs & Oblig 54300 Workers' Comp Medical 54400 Legal Liabilities 54500 Aid To Veterans 54600 Current Charges H&I 54700 Indemnification 54800 Reserve Account 54900 Other Current Charges Total Current Chgs & Oblig	3,693,464 5,806,320 FY19 Expenditure 11,530 107,124 0 0 4,177,534 0 690,488 4,986,676	3,875,029 5,897,855 FY20 Expenditure 22,646 147,000 0 4,505,761 0 528,848 5,204,255	3,948,585 5,850,034 FY21 Appropriation 41,500 140,000 0 3,500,000 0 687,116 4,368,616	3,948,585 5,850,034 FY22 Recommended 41,500 147,000 0 3,500,000 0 803,116 4,491,616	0 0 0 Inc/Dec 21 vs 22 0 7,000 0 0 0 0 116,000 123,000
53900 Misc Supplies & Materials Total Supplies & Materials Current Chgs & Oblig 54300 Workers' Comp Medical 54400 Legal Liabilities 54500 Aid To Veterans 54600 Current Charges H&I 54700 Indemnification 54800 Reserve Account 54900 Other Current Charges Total Current Chgs & Oblig Equipment 55000 Automotive Equipment 55400 Lease/Purchase 55600 Office Furniture & Equipment 55900 Misc Equipment	3,693,464 5,806,320 FY19 Expenditure 11,530 107,124 0 4,177,534 0 690,488 4,986,676 FY19 Expenditure 1,824,231 4,901,814 144,444 4,581,936	3,875,029 5,897,855 FY20 Expenditure 22,646 147,000 0 4,505,761 0 528,848 5,204,255 FY20 Expenditure 2,061,406 4,263,338 14,820 5,506,217	3,948,585 5,850,034 FY21 Appropriation 41,500 140,000 0 3,500,000 687,116 4,368,616 FY21 Appropriation 0 3,412,616 20,000 1,199,037	3,948,585 5,850,034 FY22 Recommended 41,500 147,000 0 3,500,000 0 803,116 4,491,616 FY22 Recommended 0 3,619,616 20,000 1,199,037	0 0 0 Inc/Dec 21 vs 22 0 7,000 0 0 0 116,000 123,000 Inc/Dec 21 vs 22 0 207,000 0
Total Supplies & Materials Total Supplies & Materials Current Chgs & Oblig 54300 Workers' Comp Medical 54400 Legal Liabilities 54500 Aid To Veterans 54600 Current Charges H&I 54700 Indemnification 54800 Reserve Account 54900 Other Current Charges Total Current Chgs & Oblig Equipment 55000 Automotive Equipment 55400 Lease/Purchase 55600 Office Furniture & Equipment 55900 Misc Equipment Total Equipment	3,693,464 5,806,320 FY19 Expenditure 11,530 107,124 0 4,177,534 0 690,488 4,986,676 FY19 Expenditure 1,824,231 4,901,814 144,444 4,581,936 11,452,425	3,875,029 5,897,855 FY20 Expenditure 22,646 147,000 0 4,505,761 0 528,848 5,204,255 FY20 Expenditure 2,061,406 4,263,338 14,820 5,506,217 11,845,781	3,948,585 5,850,034 FY21 Appropriation 41,500 140,000 0 3,500,000 687,116 4,368,616 FY21 Appropriation 0 3,412,616 20,000 1,199,037 4,631,653	3,948,585 5,850,034 FY22 Recommended 41,500 147,000 0 3,500,000 0 803,116 4,491,616 FY22 Recommended 0 3,619,616 20,000 1,199,037 4,838,653	0 0 0 Inc/Dec 21 vs 22 0 7,000 0 0 116,000 123,000 Inc/Dec 21 vs 22 0 207,000 0 0

Appendix B

City of Boston Summarized Appropriations by Department Budget Year 2021 as of March 31, 2021

Fund Descr		Dept	Descr	Acct	Descr	Bdgtd	Encumb	Expend	Avail
100 General	Fund	221000	Fire Department	5100	0 Permanent Employees	224,136,641	-	156,630,446	67,506,195
100 General	Fund	221000	Fire Department	5120	0 Overtime	22,391,698	-	19,975,517	2,416,181
100 General	Fund	221000	Fire Department	5160	0 Unemployment Compensa	60,000	-	-	60,000
100 General	Fund	221000	Fire Department	5170	0 Workers Compensation	150,000	-	3,068	146,932
100 General	Fund	221000	Fire Department	5210	0 Telecommunications	923,568	-	669,875	253,693
100 General	Fund	221000	Fire Department	5220	0 Utilities	2,075,432	2,084	1,044,297	1,029,052
100 General	Fund	221000	Fire Department	5240	0 Snow Removal	40,000	2,718	13,879	23,403
100 General	Fund	221000	Fire Department	5250	0 Waste Removal	274,051	33,454	201,392	39,205
100 General	Fund	221000	Fire Department	5260	0 Repairs/Maintenance	1,700,000	516,103	1,091,139	92,759
100 General	Fund	221000	Fire Department	5270	0 Repair/Service Equip	1,472,130	476,638	377,483	618,009
100 General	Fund	221000	Fire Department	5280	0 Transportation/Travel	54,600	34,709	31,743	(11,852)
100 General	Fund	221000	Fire Department	5290	0 Contracted Services	3,480,242	1,351,761	1,698,302	430,179
100 General	Fund	221000	Fire Department	5300	0 Motor Vehicle Energy	682,838	37,536	432,834	212,467
100 General	Fund	221000	Fire Department	5340	O Custodial Supplies	64,000	19,380	30,769	13,851
100 General	Fund	221000	Fire Department	5350	0 Medical/Dental Suppli	148,751	3,785	31,647	113,319
100 General	Fund	221000	Fire Department	5360	O Office Supplies	38,800	5,420	27,053	6,327
100 General	Fund	221000	Fire Department	5370	0 Clothing Allowance	867,060	-	866,975	85
100 General	Fund	221000	Fire Department	5390	0 Misc Supplies/Materia	3,948,586	1,703,643	1,787,457	457,486
100 General	Fund	221000	Fire Department	5430	0 Workers Comp Medical	41,500	-	1,622	39,878
100 General	Fund	221000	Fire Department	5440	0 Legal Liability Premi	140,000	-	-	140,000
100 General	Fund	221000	Fire Department	5470	0 Indemnification	3,500,000	-	1,734,340	1,765,660
100 General	Fund	221000	Fire Department	5490	0 Current Charges	687,116	138,274	515,911	32,932
100 General	Fund	221000	Fire Department	5540	O Lease Purchase Debt S	3,412,616	-	1,715,837	1,696,779
100 General	Fund	221000	Fire Department	5560	0 Furniture	20,000	423	552	19,025
100 General	Fund	221000	Fire Department	5590	0 Equipment	1,199,037	331,620	405,901	461,516
100 General	Fund	221000	Fire Department	5800	0 Land & Non-Structural	40,000	9,547	20,450	10,003
			Fire Department	Total		271,548,666	4,667,095	189,308,488	77,573,083



Appendices C & D

Boston Fire Department

FY21 Accomplishments

Investment in Firefighter Training: Building the Future Strength for Firefighting Reponses:

- Received the AFG grants for several initiatives. In addition, we are in the final year
 of the Substance Abuse and Mental Health (Federal Public Health) a total of almost
 \$2.0 million for 4 years to expand our "Knock and Talk" program for opioid
 addiction.
- Awarded the State Training grant (\$1,750,000) and trained firefighters with over 28,000 hours per year and covering the following areas of expertise (including increased training for Workplace Behavior):
 - Weekend Back-to-Basics
 - Porch Prop (due to increase in porch fires)
 - o Lieutenant & Captain training professional development
 - O2x fitness and wellness
 - o Functional skills test
 - Driver training
 - o Conflict resolution (all uniformed officers & civilian supervisors)
 - High rise training
 - Incident Command training
 - Rapid Intervention
 - Engine & Ladder Operations
 - Nozzle Forward
 - Resilience
 - Protestor Extraction
 - Hazmat
 - Tech Rescue
 - Workplace Harassment Prevention
 - COVID-19 training and decontamination instruction

The State grant also supports special operations training and the purchase of training supplies and equipment, such as props.

- Awarded the Hazmat training grant (\$237,500)
- Training 64 recruits for BFD starting in June 2021 for 22 weeks of training
- Conducted annual Fire College course work
- Completed EMS requirements training
- Established and conducted interagency training for firefighting and emergency management with several regional partners
- Conducted field testing of personal protective equipment and firefighting equipment from different vendors to improve the safety of our firefighters including new thermal imagers on MSA SCBA
- Promoted videos and awareness campaign to promote cancer prevention in firefighters by highlighting cleaning techniques upon return from a fire
- Advertised the "Take No Smoke" web site to Fire Service Departments across the country

Investment in Firefighter Safety, Health and Wellness: Improving the Survivability the Future Strength of Firefighters:

- Screened over 800 firefighters for skin cancer
- Invested in additional PPE to protect the firefighters and the citizens of Boston from the COVID-19 pandemic

Investment in Support of Firefighting Operations: Improving areas that assist Firefighters and allow them to perform their duties:

- Reorganized the Facilities Maintenance Division to comply with OSHA requirements
- Received funding from various donors to support the Safety, Health and Wellness Division and the Fire Prevention Education efforts in Fire Prevention Division
- Outfitted all Firehouses with upgraded fitness equipment as recommended by O2x to meet the workout requirements of the O2x program.

Investments in Technology: Improving the Boston Fire Departments Information Systems:

- Continue to use the online training product, Target Solutions, to include records of all firefighter and EMS training and training on standard operating procedures
- Use multiple training videos (15) for internal web training
- Updated the "profile" page in PeopleSoft to track the credentials for Wellness
- Installed the Sierra wireless modem system in the Fleet to ensure internet connectivity and no "dropped" calls
- Continued the upgraded the BFD cell phone software to FirstNet to ensure first responder preemption in the event of a large scale incident
- Continue the Technology Committee to review latest radio and computer technology to support operations and communications and avoid obsolescence

Investment in Fire Suppression Operations: Support of BFD's Core Mission:

- Continued Emergency Medical Response Narcan training at the Firehouses
- Rescued/saved over 12,000 citizens
- Flow tested all Engines
- Inspected and either repaired or serviced Ladder trucks
- Put into service three (3) new Ladder trucks
- Put into service three (3) new Engines
- Restored the reserve Ladder fleet to the standard of 10 Ladders (standard of ½ of the Ladder fleet)

Investment in Building Operations: Replace and Improve Buildings and Equipment:

- Continued to maintain Firehouses and Equipment with nominal resources
- Updated training props at the Training Academy
- Finalized the Flow Path Simulator (funded by AFG for training on wind driven fires)
- Removed harmful asbestos from the Firehouses with the highest risk of exposure
- Successfully cleaned three additional Firehouses in the "Industrial Cleaning" project

- As a part of the Industrial Cleaning project, each Firehouse is evaluated for compliance to the Hansford decree to ensure a Firehouse meets the needs of female firefighters
- Moved Engine 42/Rescue 2 to new temporary structures at the Amory Street parking lot
- Started new construction of Engine 42/Rescue 2
- Started design development of Engine 17



Boston Fire Department

FY22 - FY26 Goals

Investment in Firefighter Training: Building the Future Strength for Firefighting Reponses:

- Continue to implement training with regional and national partnerships focused on the education and research of mitigating exposures to firefighting risks and hazards
- Implement recruit training for metro Boston cities and towns
- Implement wind driven and flow path training with the addition of the simulator and thermal couplers and computer equipment to measure both heat and wind
- Continue Driver Training and Operational Training on New Engines and Aerials
- Certification Program for Driving Apparatus

Investment in Support of Firefighting Operations: Improving areas that assist Firefighters and allow them to perform their duties:

- Continue the Public Education program for school children and the elderly population on the prevention of fire
- Improve the training methodology for the Flow Path Simulator and introduce into the Training curriculum
- Improve our GPS reporting to ensure reliability and eliminate points of failure
- Implement the second year of the upgrade of the Fire Radio system (a total of over \$40 million over the next 4 years)
- Establish a Drone pilot to evaluate its use for on scene assessment for fire, tech rescue and hazmat incidents
- Finish implementing an automated Fuel Management System

Investment in Fire Suppression Operations: Support of BFD's Core Mission:

- Continue to provide first responder services to the City of Boston and our metroregional partners to protect the people and its assets by maintaining fire ground procedures through:
 - Continue to protect the City of Boston during the COVID-19 pandemic
 - Operations (SOPs, orders)
 - Special Events and terrorism training
 - ➤ Tech Rescue (7 front line companies for both City of Boston and regional cities and towns)
 - ➤ Hazmat (5 front line companies for both City of Boston and regional cities and towns)
 - Rapid-Intervention (Advanced)
 - Active Shooter
 - Development of a Cadet program
 - On-going and evolving training
 - 85 new recruits scheduled for the Fall and Spring

Investment in Firefighter Safety, Health and Wellness: Improving the Survivability of the Future Strength of Firefighters:

- Continue to focus on the safety, health and wellness of firefighters to mitigate the impact of exposures to carcinogens and other cancer related toxins through education, research, and testing of firefighting:
 - Personal protective clothing
 - Equipment
 - ➤ Hoses
 - > Tools
 - > Fabrics
 - Building materials
 - Diesel exhaust systems
- Continue screens/scans for early detection of cancer, diabetes, cardiac, and other high risk diseases
- Continue training in the O2x program through re-fresher courses

Investment in Building Operations: Replace and Improve Buildings and Equipment:

- Continue 5 year strategic plan to address the major deficiencies in Firehouse infrastructure
- Improve day to day firefighter health and safety by utilizing an additional \$650,000 for 3 to 4 firehouses in the "industrial" deep cleaning project
- Put into service new Engines (3) and Aerials (2)
- Continue to re-model every Firehouse bunk room to comply with the Hansford decree
- Continue to work on hazard mitigation with the State for the Causeway to Moon Island and the Moon Island seawall
- Finalize design for construction of Engine 17's new firehouse on Meeting House Hill

Appendix E

Appendix E 24) Fire Contracts

Appendix E 24) Fire Contracts Vendor Name	Contract Description	Begin Dt	Expire Dt	Max Amt	Vendor City
		7/1/2020	!!		1
IEH Auto Parts LLC	Manage & Supply Auto Parts Tur			6,000,000	
LION Group Inc	Bunker Gear Cleaning	10/5/2020		2,160,000	
Lion Totalcare, Inc.	LIVAC Demains and Comitions	10/5/2020		2,160,000	
Associated Mechanical Services Inc.	HVAC Repairs and Services	7/1/2019		2,079,100	
CGLM LLC	Human Performance Training	7/1/2018		1,818,750	•
GDI Services Inc.	Comprehensive Cleaning Service	7/1/2019		1,427,405	
Murphy Specialties Inc	Diesel Exhaust Systems Repairs	7/1/2019			Hyde Park
MarineMax Northeast LLC	BFD Boat Repairs to Gasoline	10/1/2018		675,000	
Quadrant Health Strategies, Inc.	BFD Medical Examiner Contract	8/27/2018		637,200	•
Caruso & McGovern Construction, Inc.	Req 384768 - EV 7995	7/1/2020			Georgetown
DISA Global Solutions Inc	BFD Drug Testing	10/21/2020		390,000	
Boston Mechanical Inc	Plumbing Services for Boston F	7/1/2020		•	Arlington
Dominguez Investigations Inc	FY19 Background Investigations	7/16/2018		378,000	Hull
Collins Overhead Door Inc	Overhead Door Repairs and Serv	7/1/2020	6/30/2023	354,700	
3 & B Pest Control	Pest Control Services	7/1/2018		353,400	•
Caruso & McGovern Construction, Inc.	Glass & Window Repairs and Ser	7/1/2020	6/30/2023	352,600	Georgetown
Knight, Melissa	BFD SHW FY19 - FY21	7/1/2018	6/30/2021	346,416	Weymouth
Greenwood Emergency Vehicles LLC	E-One Fire Apparatus Repairs	7/1/2019	6/30/2022	323,388	North Attleboro
J.C. Cannistraro, LLC	Special Hazard Suppression Sys	7/1/2020	6/30/2023	321,480	Watertown
American Service Company	Fire Alarm Services at Boston	7/1/2020	6/30/2023	321,032	Quincy
ATANE Engineers, P.C.	Design Services 5 Fire Houses	8/24/2017	8/24/2021	276,637	Boston
Steve's Shop, Inc.	BFD Diesel Powered Marine Engi	9/1/2018	8/31/2021	270,000	Charlestown
Capital Carpet &Flooring Specialists Inc	Floor Covering Repairs and Ser	7/1/2018	6/30/2021	266,400	Wilmington
New England Baptist Hospital	BFD Pre-Employment Physicals	10/30/2019	10/30/2022	261,000	Boston
Dahlia Enterprise, LLC	BFD HQ Janitorial Services	7/1/2020	6/30/2023	259,636	Randolph
Ross & Baruzzini, Inc.	Engineering Services for Fire	2/26/2020	6/30/2021	249,700	Saint Louis
Eagle Elevator Co., Inc	Elevator Services for Boston F	7/1/2020	6/30/2023	242,952	Boston
BMCA, Inc	Industrial Cleaning of Firehou	7/1/2020	6/30/2023	237,740	Braintree
M Generator Inc.	Maintenance & Repairs of Emerg	7/1/2018	6/30/2021	232,750	Canton
BMCA, Inc	Industrial Cleaning of Seven F	9/24/2018	6/30/2021	228,490	Braintree
Patrick J Kennedy & Sons, Inc.	Sewer & Drains Repairs and Ser	6/11/2020	6/30/2023	220,200	Dorchester
Boston Public Health Commn.	MOA with BFD & BPHC	9/20/2020		192,935	
Schlager Auto Body	Second RE-BID Towing for Bosto	10/7/2019		144,000	
Ross & Baruzzini. Inc.	Project Manager for BFD Radio	7/1/2020			Saint Louis
C S S Architects, Inc	Fire Alarm Bldg Roof & Antenna	9/7/2020		· ·	Wakefield
Petroleum Management Services Inc	Re-Advertisement Underground T	11/1/2018			Reading
PURVIS Systems Incorporated	PO 720991 EV8626	7/1/2020			Middletown
Mass Correctional Industries	Boston Fire Department Bed Fra	3/12/2019		•	Norfolk
Pare Corporations	Comp. Site Survey EV8603	1/1/2021		· ·	Lincoln
Advanced Pollution Control	Contaminated Soil Removal and	2/24/2021	6/30/2021	· ·	Bridgewater
FargetSolutions Learning LLC	Annual Software Renewal	7/1/2020			Tampa
		2/16/2021	6/30/2021	•	Cynthiana
E D Bullard Company	Thermal Imaging Equipment BFD	3/17/2021		76,990 52,482	Dedham
Northeast Rescue Systems, Inc.	Laser Stability Equipment BFD			· ·	
Jnited Medical Waste Management, Inc	Medical Waste Pick Up	7/1/2020		· ·	Sutton
Mount Auburn Hospital		12/11/2020			Cambridge
Mass Turnpike Authority	EZPASS PROGRAM	7/1/2020		· ·	Boston
Northeast Rescue Systems, Inc.	BFD Fire Fighters Hose	10/26/2020		· ·	Dedham
Safeware Inc,	CCBA & SCBA Equipment BFD	3/17/2021	7/31/2021	· ·	Lanham
J.T. Scurlock Safety Products	Rescue Air Bag BFD	3/15/2021	6/30/2021	· ·	Harahan
Bucala Matthew David	_	7/1/2020		· ·	Allston
Safeware Inc,	Decon Kits	4/6/2021	7/31/2021	· ·	Lanham
Cinamatia Complex Callina	MCC CCBA Donoir Dorto	3/30/2021	6/30/2021	20 022	Yaphank
Firematic Supply Co., Inc. SHI International Corp.	MSC SCBA Repair Parts Software Maintenance	7/1/2020			Somerset

Vendor Name	Contract Description	Begin Dt	Expire Dt	Max Amt	Vendor City
Nitro Software, Inc.	Nitro Productivity Software	_	10/27/2023	32,400	San Francisco
Northeast Rescue Systems, Inc.	BFD REscue Equipment	1/26/2021	6/30/2021	31,552	Dedham
BMCA, Inc	Duct Work Cleaning	9/5/2018	6/30/2021	31,500	Braintree
Greenwood Emergency Vehicles LLC	FIre Apparatus Repairs	8/26/2020	6/30/2021	30,810	North Attleboro
Deccan International	FY21 Software Renewal	7/1/2020	6/30/2021	30,426	San Diego
BMCA, Inc	Industrial Cleaning Engine 3	4/20/2021	6/30/2022	30,398	Braintree
Sullivan & McLaughlin Elect Contr, Inc	Network Infrastructure	8/1/2020	7/30/2021	30,000	Boston
Lifetone Technology, Inc	Bedside Alarms BFD	11/30/2020	4/30/2021	28,334	Oklahoma City
American Test Center, Inc.	Aerial Ladder Testing	7/1/2020	6/30/2021	28,000	River Falls
Sullivan & McLaughlin Elect Contr, Inc	software renewal	3/2/2021	3/1/2022	27,667	Boston
Doosan Industrial Vehicle America Corp.	Fork Lift (BFD)	3/3/2021	12/31/2021	26,080	Buford
Fire Catt, LLC		8/5/2020	6/30/2021	26,000	Troy
DISA Global Solutions Inc		7/24/2020	6/30/2021	24,999	Manchester
E D Bullard Company		8/11/2020	6/30/2021	24,999	Cynthiana
Massachusetts General Physicians Organi	z	3/16/2021	6/30/2021	24,999	Charlestown
Harvard Medical Fac.Physicians at BIDMC		4/12/2021	6/30/2021	24,999	Worcester
Northeast Rescue Systems, Inc.	Fire Fighters Boots	3/23/2021	7/31/2021	24,848	Dedham
Industrial Protection Services LLC		7/1/2020	6/30/2021	24,000	Salem
Fox Painting Co Inc	Painting of Engine 3 Firehouse	4/21/2021	6/30/2022	24,000	Arlington
SHI International Corp.	Software Renewal	9/28/2020	9/27/2021	20,901	Somerset
James, Clark		9/17/2020	6/30/2021	20,000	Plymouth
Firematic Supply Co., Inc.	Helmets BFD	1/27/2021	6/30/2021	19,600	Yaphank
908 Devices Inc.	Software Maintenance	7/1/2020	6/30/2023	19,500	Boston
TechnicalRescue.com, Inc.	BFD Rescue Equipment	1/26/2021	6/30/2021	18,445	Cooper City
Firematic Supply Co., Inc.	Detection Equipment	3/18/2021	7/31/2021	16,784	Yaphank
Airgas East Inc.	medical gas services	7/1/2020	6/30/2021	16,500	Philadelphia
FirstWatch Solutions, Inc	Software Maintenance	7/1/2020	6/6/2021	15,850	Carlsbad
Firematic Supply Co., Inc.	BFD Rescue Tool Batteries	10/26/2020	5/31/2021	15,136	Yaphank
United Site Services Northeast, Inc.		1/21/2021	6/30/2021	15,000	Foxborough
ModelTech Intl	Fire Prevention Tool	10/21/2020	4/30/2021	14,345	Champlain
Agilent Technologies Inc		7/9/2020	6/30/2021	14,328	Palo Alto
John Richard Woy	Drug Abuse-Prevention	11/23/2020	9/15/2021	14,000	Brookline
George Washington Toma		7/15/2020	6/30/2021	12,780	East Weymouth
PJ Systems Inc. d/b/a	Annual Software Renewal	8/6/2020	7/7/2021	12,600	Medford
Northeast Rescue Systems, Inc.	BFD Fire Fighters Tools	10/26/2020	5/31/2021	12,410	Dedham
ToolWatch Corporation	Software Renewal	6/8/2020	6/9/2021	12,300	Englewood
International Society Fire Services Inst		2/8/2021	6/30/2021	12,075	Centreville
Seckler, Donald A.		3/1/2021	6/30/2021	12,000	Lincoln
CavCom	Telecommunication Equipment	3/11/2021	6/30/2021	11,138	Walker
Firematic Supply Co., Inc.		7/1/2020	6/30/2021	11,000	Yaphank
Firematic Supply Co., Inc.		12/16/2020	5/31/2021	10,265	Yaphank
Brand Company, Inc	Flashlights BFD	3/3/2021	7/31/2021	9,398	S. Hamilton

Appendix E 25) Fire Certified Contracts

Vendor Name	Contract Description	Max Amt	Minority	Women	Minority/Women	\$mall	\$mall Local	VOSBE	SDVOSBE	Vendor City
ATANE Engineers, P.C.	Design Services 5 Fire Houses	276,637	MBE			SBE				Boston
Northeast Rescue Systems, Inc.	Laser Stability Equipment BFD	52,482		WBE						Dedham
Northeast Rescue Systems, Inc.	Fire Fighters Boots	24,848		WBE						Dedham

Appendix E 26) Any Barriers to Contract Diversity

The department remains committed to following all applicable procurement laws, while working closely with the Office of Economic Development to identify diverse vendors.

Appendix E 27) Fire Contracts >\$100k

Vendor Name	Begin Dt	Expire Dt	Max Amt	Narrative Section
IEH Auto Parts LLC	7/1/2020	6/30/2022	6,000,000	Auto parts administration services, parts and supplies for BFD
				fleet division
LION Group Inc	10/5/2020	9/30/2023	2,160,000	Bunker Gear Cleaning
Lion Totalcare, Inc.	10/5/2020	9/30/2023	2,160,000	Bunker gear cleaning
Associated Mechanical Services Inc.	7/1/2019	6/30/2022	2,079,100	Preventative maintenance, service and repair of HVAC
				equipment at various BFD locations
CGLM LLC	7/1/2018	6/30/2021	1,818,750	The on-site O2X Specialist will provide the members of the
				BFD with a full-time dedicated human performance rescource
				to amplify the implementation and effictiveness of the O2X
				program
GDI Services Inc.	7/1/2019	6/30/2022	1,427,405	Comprehensive Cleaning Service
Murphy Specialties Inc	7/1/2019	6/30/2022	799,230	Semi annual inspection for preventative maintenane, service
				and repair of diesel exhaust systems at various BFD locations
MarineMax Northeast LLC	10/1/2018	9/30/2021	675,000	Repairs of BFD gasoline powered boats
Quadrant Health Strategies, Inc.	8/27/2018	8/26/2021	637,200	Physician services at BFD medical office
Caruso & McGovern Construction, Inc.	7/1/2020	6/30/2023	543,327	Glass and Window Repairs and Services
DISA Global Solutions Inc	10/21/2020	6/30/2023	390,000	Multi Year Random Drug Testing Program
Boston Mechanical Inc	7/1/2020	6/30/2023	387,000	Plumging Services for Fire Stations
Dominguez Investigations Inc	7/16/2018	7/15/2021	378,000	Background investigations on proposed and existing
				personnel assigned to the BFD
Collins Overhead Door Inc	7/1/2020	6/30/2023	354,700	Overhead Door Repairs and Services
B & B Pest Control	7/1/2018	6/30/2021	353,400	Pest Control Services
Caruso & McGovern Construction, Inc.	7/1/2020	6/30/2023	352,600	Window and Glass Services
Knight, Melissa	7/1/2018	6/30/2021	346,416	Support training, education and research by the Safety,
				Health and Wellness Division. Provide comprehensive project
				mgt and expertise to support training and education focused
				on improving the Health, Wellness and Safety of BFD
				members.
Greenwood Emergency Vehicles LLC	7/1/2019	6/30/2022	323,388	E-One Fire Apparatus Repairs as needed
J.C. Cannistraro, LLC	7/1/2020	6/30/2023	321,480	Preventative Maintenance of Special Hazardous and
				Suppression Systems at Various Boston Fire Department
				Locations
American Service Company	7/1/2020	6/30/2023	321,032	Repairs to Fire Alarm Systems and Equipment at Various
				Boston Fire Department Locations
Steve's Shop, Inc.	9/1/2018	8/31/2021	270,000	BFD Diesel Powered Marine Engine Repairs
Capital Carpet &Flooring Specialists Inc	7/1/2018	6/30/2021	266,400	loor Covering Repairs and Services as Needed at Various
				Boston Fire Department Locations
New England Baptist Hospital	10/30/2019	10/30/2022	261,000	BFD Recruits Pre-Employment Physicals
Dahlia Enterprise, LLC	7/1/2020	6/30/2023	259,636	Janitorial Services for Fire Headquarters
Ross & Baruzzini, Inc.	2/26/2020	6/30/2021	249,700	Engineering Services
Eagle Elevator Co., Inc	7/1/2020	6/30/2023	242,952	Elevator Services for Boston Fire Headquarters
BMCA, Inc	7/1/2020	6/30/2023	237,740	Industrial cleaning of seven BFD locations
FM Generator Inc.	7/1/2018	6/30/2021	232,750	Maintenance & Repairs of Emergency Generator
BMCA, Inc	9/24/2018	6/30/2021	228,490	Industrial cleaning of seven BFD locations
Patrick J Kennedy & Sons, Inc.	6/11/2020	6/30/2023		Sewer & Drain Repair & Services
Boston Public Health Commn.	9/20/2020	9/19/2021		Reimbursement funding to support the personnel and
				associated costs of an NRI Coordinator and professional
				development
Schlager Auto Body	10/7/2019	6/30/2022	144,000	Towing services for Fire Fleet
Ross & Baruzzini, Inc.	7/1/2020	6/30/2021	t	Engineering Services Relative to Upgrade of Current BFD Fire
, -				Radio System
Petroleum Management Services Inc	11/1/2018	6/30/2021	108,000	Underground Storage Tank Operator A/B Monthly Services
				5 11 1 11 101 1 1 1 1 1 1 1 1 1 1 1 1 1