

### Proposed Authority Capital Programme for 2015/2016 - 2019/2020

Capital Expenditure	Total Cost £	2015/16 £	2016/17 £	2017/18 £	2018/19 £	2019/20 £
Building/Land - current	10,946,500	9,366,000	455,500	352,000	396,500	376,500
Fire Safety - current	3,877,000	777,000	775,000	775,000	775,000	775,000
ICT - current	3,071,000	737,000	531,000	556,000	816,000	431,000
Operational Equipment & Hydrants - current	1,837,000	225,000	168,000	525,000	484,000	435,000
Vehicles - current	7,536,100	2,675,100	1,526,000	1,228,000	858,000	1,249,000
<b>Ependiture</b>	<b>27,267,600</b>	<b>13,780,100</b>	<b>3,455,500</b>	<b>3,436,000</b>	<b>3,329,500</b>	<b>3,266,500</b>
Financing Available	Total £	2015/16 £	2016/17 £	2017/18 £	2018/19 £	2018/19 £
<b>Capital Receipts</b>						
Sale of 2 existing N-le-W LLAR properties		275,000				
Sale of Huyton FS (CFO/095/14)			250,000			
Sale of Whiston FS (CFO/095/14)			250,000			
	<b>775,000</b>	275,000	500,000	0	0	0
<b>Revenue Contribution to Capital Outlay (RCCO)</b>						
CFS alarm installation (salaries)		450,000	450,000	450,000	450,000	450,000
CFS alarm installation (Income from FSD)		50,000	50,000	50,000	50,000	0
	<b>2,450,000</b>	500,000	500,000	500,000	500,000	450,000
<b>Capital Reserve</b>						
Prescot FS New Build (CFO/095/14)		830,000				
	<b>830,000</b>	830,000	0	0	0	0
<b>Grants</b>						
Prescot FS New Build (CFO/095/14)		1,770,000				
	<b>1,770,000</b>	1,770,000	0	0	0	0
<b>Total Non Borrowing</b>	<b>5,825,000</b>	<b>3,375,000</b>	<b>1,000,000</b>	<b>500,000</b>	<b>500,000</b>	<b>450,000</b>
<b>Unsupported Borrowing</b>	<b>21,442,600</b>	<b>10,405,100</b>	<b>2,455,500</b>	<b>2,936,000</b>	<b>2,829,500</b>	<b>2,816,500</b>
<b>Total Funding</b>	<b>27,267,600</b>	<b>13,780,100</b>	<b>3,455,500</b>	<b>3,436,000</b>	<b>3,329,500</b>	<b>3,266,500</b>

### Approved Authority Capital Programme for 2014/2015 - 2018/2019

Capital Expenditure	Total Cost £	2014/15 £	2015/16 £	2016/17 £	2017/18 £	2018/19 £
Building/Land	16,151,300	5,581,300	9,366,000	455,500	352,000	396,500
Fire Safety	6,109,000	991,000	1,281,000	1,279,000	1,279,000	1,279,000
ICT	4,679,700	2,394,700	672,000	531,000	556,000	526,000
Operational Equipment & Hydrants	1,917,100	1,306,100	225,000	152,000	117,000	117,000
Vehicles	7,673,600	1,386,500	2,675,100	1,526,000	1,228,000	858,000
<b>Expenditure</b>	<b>36,530,700</b>	<b>11,659,600</b>	<b>14,219,100</b>	<b>3,943,500</b>	<b>3,532,000</b>	<b>3,176,500</b>
Financing Available	Total £	2014/15 £	2015/16 £	2016/17 £	2017/18 £	2018/19 £
Capital Receipts	1,875,000	1,100,000	275,000	500,000	0	0
RCCO	3,741,600	621,600	780,000	780,000	780,000	780,000
DDA Investment Reserve	225,000	225,000	0	0	0	0
Capital Reserve	2,178,300	1,348,300	830,000	0	0	0
Firefighter Safety Investment Reserve	200,000	200,000	0	0	0	0
Grants	3,846,966	2,076,966	1,770,000	0	0	0
External Contributions	1,833,000	1,833,000	0	0	0	0
<b>Total Non Borrowing</b>	<b>13,899,866</b>	<b>7,404,866</b>	<b>3,655,000</b>	<b>1,280,000</b>	<b>780,000</b>	<b>780,000</b>
Unsupported Borrowing	22,630,834	4,254,734	10,564,100	2,663,500	2,752,000	2,396,500
<b>Total Funding</b>	<b>36,530,700</b>	<b>11,659,600</b>	<b>14,219,100</b>	<b>3,943,500</b>	<b>3,532,000</b>	<b>3,176,500</b>

## Building / Land - Approved Budget 2014/15 to 2018/19

Type of Capital Expenditure	Total Cost £	2014/15 £	2015/16 £	2016/17 £	2017/18 £	2018/19 £
<b>Major Site Refurbishments</b>						
FS Refurbishment Heswall	150,000		150,000			
FS Refurbishment Bromborough	12,500	12,500				
FS Refurbishment Upton	275,000		275,000			
FS Refurbishment West Kirby	400,000		400,000			
St Helens Conversion	111,000	111,000				
Workshop Enhancement	369,500	119,500	250,000			
SHQ Tower	249,000	249,000				
SHQ Museum	130,500	55,500	75,000			
Station Refresh	186,000	111,000	75,000			
Station Refurbishments	3,410,000		3,410,000			
	<b>5,293,500</b>	<b>658,500</b>	<b>4,635,000</b>			
<b>Station Mergers</b>						
Prescot FS New Build (CFO/095/14)	3,100,000		3,100,000			
	<b>3,936,300</b>	<b>3,936,300</b>				
<b>SHQ/JCC Major Refurbishment</b>						
<b>LLAR Accomodation Works</b>						
Community Station Investment	144,500	38,500		36,000	25,000	45,000
LLAR Accomodation Formby	313,500	13,500	300,000			
City Centre Community Facility	79,500	9,500	70,000			
LLAR Accomodation Newton-le-Willows	375,000	65,000	310,000			
	<b>912,500</b>	<b>126,500</b>	<b>680,000</b>	<b>36,000</b>	<b>25,000</b>	<b>45,000</b>
<b>General Station Upgrade Works</b>						
Roofs & Canopy Replacements	235,000	55,000	50,000	50,000	40,000	40,000
Concrete Yard Repairs	118,000	38,000	20,000	20,000	20,000	20,000
Tower Improvements	47,900	9,900		18,000	10,000	10,000
Capital Refurbishment	57,000	57,000				
Non Slip Coating to Appliance Room Floors	224,500	51,500	46,500	46,500	40,000	40,000
Boiler Replacements	69,500	49,500				20,000
Electrical Testing	276,000	50,000	138,000	38,000	30,000	20,000
Diesel Tanks	150,000		150,000			
Sanitary Accomodation Refurbishment	176,000	56,000	30,000	30,000	30,000	30,000
Asbestos Surveys	150,500	15,500	50,000	50,000	25,000	10,000
DDA Compliance	377,000	57,000	250,000	30,000	20,000	20,000
	<b>1,881,400</b>	<b>439,400</b>	<b>734,500</b>	<b>282,500</b>	<b>215,000</b>	<b>210,000</b>
<b>Other Works</b>						
L.E.V. System in Appliance Rooms	6,700	6,700				
Conference Facilities SHQ	29,000	4,500	4,500	10,000	5,000	5,000
Corporate Signage	23,000	3,000	5,000	5,000	5,000	5,000
Power Strategy	40,000			20,000	10,000	10,000
Office Accomodation	96,000	16,000	25,000	25,000	15,000	15,000
HVAC - Heating, Ventalation & Air Con	122,000	42,000	50,000			30,000
Lightening Conductors & Surge Protection	55,000		55,000			
Emergency Lighting	26,400	26,400				
MACC Server Room Extension	4,000	4,000				
Gym Equipment Replacement	176,500	76,500	25,000	25,000	25,000	25,000
Energy Conservation Non-Salix	133,500	33,500	25,000	25,000	25,000	25,000
Energy Conservation Salix	75,000	75,000				
Cleaning Equipment	32,500	8,500	6,000	6,000	6,000	6,000
Replacement programme for Fridge Freezers	63,500	22,000	10,500	10,500	10,500	10,000
Furniture Replacement Programme	64,500	22,500	10,500	10,500	10,500	10,500
	<b>947,600</b>	<b>340,600</b>	<b>216,500</b>	<b>137,000</b>	<b>112,000</b>	<b>141,500</b>
Fire house refurbishment	80,000	80,000				
	<b>16,151,300</b>	<b>5,581,300</b>	<b>9,366,000</b>	<b>455,500</b>	<b>352,000</b>	<b>396,500</b>

## Fire Safety - Approved Budget 2014/15 to 2018/19

<b>Type of Capital Expenditure</b>	<b>Total Cost £</b>	<b>2014/15 £</b>	<b>2015/16 £</b>	<b>2016/17 £</b>	<b>2017/18 £</b>	<b>2018/19 £</b>
Smoke Alarms (100,000 HFRA target)	<b>2,250,000</b>	250,000	500,000	500,000	500,000	500,000
Installation costs (HFRA)	<b>3,410,000</b>	490,000	730,000	730,000	730,000	730,000
Deaf Alarms (HFRA)	<b>245,000</b>	49,000	49,000	49,000	49,000	49,000
Replacement Batteries (12,000)	<b>4,000</b>	2,000	2,000			
Fire Risk Management in Residential Blocks	<b>200,000</b>	200,000				
	<b>6,109,000</b>	<b>991,000</b>	<b>1,281,000</b>	<b>1,279,000</b>	<b>1,279,000</b>	<b>1,279,000</b>

## ICT including Regional Control - Approved Budget 2014/15 to 2018/19

Type of Capital Expenditure	Total Cost £	2014/15 £	2015/16 £	2016/17 £	2017/18 £	2018/19 £
<b>ICT Software</b>						
Software Licences	10,000	2,000	2,000	2,000	2,000	2,000
New Visualistaion Infrastructure	75,000					75,000
3 Year Licences Antivirus & Filtering	155,000				155,000	
Microsoft EA Agreement (Servers & Security)	180,000		60,000	60,000	60,000	
Microsoft SQL Upgrade	50,000		50,000			
	<b>470,000</b>	<b>2,000</b>	<b>112,000</b>	<b>62,000</b>	<b>217,000</b>	<b>77,000</b>
<b>ICT Hardware</b>						
PC, monitor and laptop replacement (target 20%)	417,100	97,100	80,000	80,000	80,000	80,000
PC, monitor and laptop growth	30,000	10,000	5,000	5,000	5,000	5,000
Tablets (Ipads)	8,500	8,500				
Periherals replacement (target 20%)	30,000	6,000	6,000	6,000	6,000	6,000
Appliance Toughbook Replacement	110,000		110,000			
LFS Laptops	40,000			40,000		
	<b>635,600</b>	<b>121,600</b>	<b>201,000</b>	<b>131,000</b>	<b>91,000</b>	<b>91,000</b>
<b>ICT Servers</b>						
Server/storage replacement (target 20%)	548,500	288,500	65,000	65,000	65,000	65,000
Server/storage growth	75,000	15,000	15,000	15,000	15,000	15,000
New SAN Solution	100,000					100,000
	<b>723,500</b>	<b>303,500</b>	<b>80,000</b>	<b>80,000</b>	<b>80,000</b>	<b>180,000</b>
<b>ICT Network</b>						
Local Area Network replacement (discrete)	20,000	4,000	4,000	4,000	4,000	4,000
Network Switches/Routers replacement	377,000	26,000	141,000		100,000	110,000
Network Switches/Router growth	25,000	5,000	5,000	5,000	5,000	5,000
Vesty Road Network Link Refresh	31,500	31,500				
IP Telephony	155,000	5,000	50,000	100,000		
Wireless Network	40,000			40,000		
	<b>648,500</b>	<b>71,500</b>	<b>200,000</b>	<b>149,000</b>	<b>109,000</b>	<b>119,000</b>
<b>ICT Operational Equipment</b>						
Pagers/Alerters	37,000	9,000	7,000	7,000	7,000	7,000
Station End Kit	25,000	5,000	5,000	5,000	5,000	5,000
Incident Ground Management System	50,000			50,000		
	<b>112,000</b>	<b>14,000</b>	<b>12,000</b>	<b>62,000</b>	<b>12,000</b>	<b>12,000</b>
<b>SHQ/JCC Major Refurbishment</b>						
	<b>957,000</b>	<b>957,000</b>				
<b>Other IT Schemes</b>						
ICT Security - Remote Access Security FOBS	14,000	6,000	2,000	2,000	2,000	2,000
System Development (Portal)	229,900	129,900	25,000	25,000	25,000	25,000
ICT Projects/Upgrades	25,000	5,000	5,000	5,000	5,000	5,000
Portable Storage Media Security	27,000	27,000				
Estates Management System	20,000		20,000			
Integrated Planning & Performance M.S.	90,000	90,000				
E-Recruitment System	700	700				
TRM System	252,700	252,700				
Computerised Legal Case Management System	4,500	4,500				
Wireless Rollout	9,000	9,000				
Community Protection IMS System	30,000	30,000				
C.3.I. C.&C Communication & Information System	85,000	25,000	15,000	15,000	15,000	15,000
P.F.I. Door Access System	18,000	18,000				
Fleet Management System	87,500	87,500				
FMIS/Eproc/Payroll/HR Replacement	230,300	230,300				
Corporate Gazetteer	9,500	9,500				
	<b>1,133,100</b>	<b>925,100</b>	<b>67,000</b>	<b>47,000</b>	<b>47,000</b>	<b>47,000</b>
	<b>4,679,700</b>	<b>2,394,700</b>	<b>672,000</b>	<b>531,000</b>	<b>556,000</b>	<b>526,000</b>

## Operational Equipment - Approved Budget 2014/15 to 2018/19

Type of Capital Expenditure	Total Cost £	2014/15 £	2015/16 £	2016/17 £	2017/18 £	2018/19 £
<b><u>Hydraulic Rescue Equipment</u></b>						
Hydraulic Rescue Equipment - Replacement Programme	<b>28,000</b>	28,000				
Pneumatic Rescue Equipment - Air Bags	<b>65,000</b>	65,000				
	<b>93,000</b>	<b>93,000</b>				
<b><u>BA Equipment/Communications</u></b>						
BA Cylinder Replacement	<b>221,500</b>	221,500				
BA Sets (back pack/face mask/tubes/equip) Replacement	<b>219,000</b>	219,000				
BA Telemetry Breathing Units	<b>133,000</b>	133,000				
Replacement of hand held communication radios	<b>150,000</b>	150,000				
	<b>723,500</b>	<b>723,500</b>				
<b><u>Other Operational Equipment</u></b>						
Gas Tight Suits Other PPE	<b>50,000</b>	50,000				
Resuscitation Equipment	<b>20,000</b>	20,000				
POD Equipment (Demountable Unit Refurb 2013/14 IRMP)	<b>119,000</b>	69,000	50,000			
Thermal imaging cameras	<b>11,500</b>	11,500				
Improvements to Fleet	<b>136,000</b>	36,000	20,000	20,000	30,000	30,000
Water Rescue Equipment	<b>224,000</b>	24,000	50,000	50,000	50,000	50,000
Rope Replacement	<b>35,000</b>	35,000				
Light portable Pumps	<b>20,000</b>	20,000				
CCTV Equipment (IRMP2 CCTV Drone)	<b>8,000</b>	8,000				
Marine Rescue Launch	<b>5,000</b>	5,000				
Operational Ladders	<b>14,000</b>	14,000				
Radiation Detection Equipment	<b>45,000</b>			45,000		
Water Delivery System	<b>52,000</b>	52,000				
Water Delivery Hoses	<b>49,000</b>	29,000	20,000			
Bulk Foam Attack Equipment	<b>48,000</b>		48,000			
DEFRA FRNE	<b>20,000</b>	20,000				
Methods of Entry	<b>24,000</b>	24,000				
Electrical Equipment	<b>33,500</b>	33,500				
	<b>914,000</b>	<b>451,000</b>	<b>188,000</b>	<b>115,000</b>	<b>80,000</b>	<b>80,000</b>
<b><u>Hydrants</u></b>						
Hydrants (New Installations)	<b>92,500</b>	18,500	18,500	18,500	18,500	18,500
Hydrants (Replacements)	<b>94,100</b>	20,100	18,500	18,500	18,500	18,500
	<b>186,600</b>	<b>38,600</b>	<b>37,000</b>	<b>37,000</b>	<b>37,000</b>	<b>37,000</b>
	<b>1,917,100</b>	<b>1,306,100</b>	<b>225,000</b>	<b>152,000</b>	<b>117,000</b>	<b>117,000</b>

## Vehicles - Approved Budget 2014/15 to 2018/19

Type of Capital Expenditure	Price Per Unit	Total		2014/15		2015/16		2016/17		2017/18		2018/19	
		Units	Cost £	Units	£	Units	£	Units	£	Units	£	Units	£
<b>VEH002 Ancillary Vehicles</b>													
<b>Cars</b>													
Car (5 door - Fiesta/Corsa)	9,500	41	389,500	12	114,000	13	123,500	16	152,000				
Officer Response Car 1	22,000	2	44,000					2	44,000				
Officer Response Car 2	26,000	2	52,000							2	52,000		
Officer Response Car 3	20,000	2	40,000									2	40,000
7 Seater Galaxy	23,000	2	46,000									2	46,000
Car - Automatc	25,000	1	25,000							1	25,000		
<b>4x4s</b>													
4x4 1 (Isuzu)	27,000	2	54,000							2	54,000		
4x4 SMAs - <i>NEW Vehicle</i>	23,000	10	230,000	8	184,000					2	46,000		
4x4 IITs - <i>NEW Vehicle</i>	23,000	3	69,000	3	69,000								
4x4 (Climbing Wall Vehicle)	22,000	1	22,000									1	22,000
<b>Vans</b>													
Small Vans (Fiesta/Corsa)	9,500	5	47,500			5	47,500						
Panel Van Renault Master	18,500	16	296,000	7	129,500	9	166,500						
Panel Van 2 Jumbo Van	25,000	2	50,000							2	50,000		
Ford Connect Van	10,500	8	84,000			6	63,000			2	21,000		
Dog Van Mercedes Vito	43,000	1	43,000	1	43,000								
<b>Other</b>													
Water Training Vehicle	41,800	1	41,800	1	41,800								
PCVs (Ford Transit 17 Seater)	23,200	4	92,800	1	23,200	3	69,600						
			<b>1,626,600</b>		<b>604,500</b>		<b>470,100</b>		<b>196,000</b>		<b>248,000</b>		<b>108,000</b>
<b>VEH004 Special Vehicles</b>													
<b>CPLs</b>													
Vehicle 2 (refurbished)	300,000	1	300,000			1	300,000						
Vehicle 3 (refurbished)	300,000	1	300,000			1	300,000						
Vehicle 4 (New)	600,000	1	600,000					1	600,000				
<b>Other</b>													
IMU - Prime Movers	98,000	4	392,000			4	392,000						
BA Support Unit (POD)	75,000	1	75,000			1	75,000						
SFU Vehicle - <i>No Longer Required</i>	85,000												
Water Rescue Unit	45,000	1	45,000			1	45,000						
			<b>1,712,000</b>				<b>1,112,000</b>		<b>600,000</b>				
<b>VEH006 Motorcycle Response</b>													
AFA/RTC Bikes	6,000	2	12,000			2	12,000						
Firefighting bikes	16,000	2	32,000			2	32,000						
			<b>44,000</b>				<b>44,000</b>						
<b>Other Vehicles</b>													
Fire Appliances £245,000 to £250,000		17	4,190,000	3	750,000	4	980,000	3	730,000	4	980,000	3	750,000
Water Strategy			29,000				29,000						
			<b>4,219,000</b>		<b>750,000</b>		<b>1,009,000</b>		<b>730,000</b>		<b>980,000</b>		<b>750,000</b>
<b>WOR001 Workshop Equipment</b>													
Equipment			32,000		32,000								
Replace steam clean lift			40,000				40,000						
			<b>72,000</b>		<b>32,000</b>		<b>40,000</b>						
			<b>7,673,600</b>		<b>1,386,500</b>		<b>2,675,100</b>		<b>1,526,000</b>		<b>1,228,000</b>		<b>858,000</b>

**Additions and Changes for 2015/2016 - 2019/20**

<b>Capital Expenditure</b>	<b>Total Cost £</b>	<b>2015/16 £</b>	<b>2016/17 £</b>	<b>2017/18 £</b>	<b>2018/19 £</b>	<b>2019/20 £</b>
Building/Land	376,500	0	0	0	0	376,500
Fire Safety	(1,241,000)	(504,000)	(504,000)	(504,000)	(504,000)	775,000
ICT	786,000	65,000	0	0	290,000	431,000
Operational Equipment & Hydrants	1,226,000	0	16,000	408,000	367,000	435,000
Vehicles	1,249,000	0	0	0	0	1,249,000
	<b>2,396,500</b>	<b>(439,000)</b>	<b>(488,000)</b>	<b>(96,000)</b>	<b>153,000</b>	<b>3,266,500</b>
<b>Financing Available</b>	<b>Total £</b>	<b>2015/16 £</b>	<b>2016/17 £</b>	<b>2017/18 £</b>	<b>2018/19 £</b>	<b>2019/20 £</b>
<b>Capital Receipts</b>						
<b>RCCO</b>						
CFS general cont (Cap sals)	(670,000)	(280,000)	(280,000)	(280,000)	(280,000)	450,000
<b>Total Non Borrowing</b>	(670,000)	(280,000)	(280,000)	(280,000)	(280,000)	450,000
<b>Unsupported Borrowing</b>	3,066,500	(159,000)	(208,000)	184,000	433,000	2,816,500
<b>Total Funding</b>	<b>2,396,500</b>	<b>(439,000)</b>	<b>(488,000)</b>	<b>(96,000)</b>	<b>153,000</b>	<b>3,266,500</b>



## Building / Land - New Starts 2015/16 to 2019/20

Type of Capital Expenditure	Total Cost £	2015/16 £	2016/17 £	2017/18 £	2018/19 £	2019/20 £
<b>LLAR Accomodation Works</b>						
Community Station Investment <i>Rolling Budget</i>	25,000					25,000
	<b>25,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>25,000</b>
<b>General Station Upgrade Works</b>						
Roofs & Canopy Replacements <i>Rolling Budget</i>	40,000					40,000
Concrete Yard Repairs <i>Rolling Budget</i>	20,000					20,000
Tower Improvements <i>Rolling Budget</i>	10,000					10,000
Non Slip Coating to Appliance Room Floors <i>Rolling Budget</i>	40,000					40,000
Boiler Replacements <i>Rolling Budget</i>	20,000					20,000
Electrical Testing <i>Rolling Budget</i>	20,000					20,000
Sanitary Accomodation Refurbishment <i>Rolling Budget</i>	30,000					30,000
Asbestos Surveys <i>Rolling Budget</i>	10,000					10,000
DDA Compliance <i>Rolling Budget</i>	20,000					20,000
	<b>210,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>210,000</b>
<b>Other Works</b>						
Conference Facilities SHQ <i>Rolling Budget</i>	5,000					5,000
Corporate Signage <i>Rolling Budget</i>	5,000					5,000
Power Strategy <i>Rolling Budget</i>	10,000					10,000
Office Accomodation <i>Rolling Budget</i>	15,000					15,000
HVAC - Heating, Ventilation & Air Con <i>Rolling Budget</i>	30,000					30,000
Gym Equipment Replacement <i>Rolling Budget</i>	25,000					25,000
Energy Conservation Non-Salix <i>Rolling Budget</i>	25,000					25,000
DSO Cleaning Equipment <i>Rolling Budget</i>	6,000					6,000
Replacement Fridge Freezers <i>Rolling Budget</i>	10,000					10,000
Furniture Replacement Programme <i>Rolling Budget</i>	10,500					10,500
	<b>141,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>141,500</b>
	<b>376,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>376,500</b>

## Fire Safety - New Starts 2015/16 to 2019/20

Type of Capital Expenditure	Total Cost £	2015/16 £	2016/17 £	2017/18 £	2018/19 £	2019/20 £
	0					
Smoke Alarms (100,000 HFRA target) <i>Rolling Budget</i>	(500,000)	(200,000)	(200,000)	(200,000)	(200,000)	300,000
Installation costs (HFRA) <i>Rolling Budget</i>	(670,000)	(280,000)	(280,000)	(280,000)	(280,000)	450,000
Deaf Alarms (HFRA) <i>Rolling Budget</i>	(71,000)	(24,000)	(24,000)	(24,000)	(24,000)	25,000
	<b>(1,241,000)</b>	<b>(504,000)</b>	<b>(504,000)</b>	<b>(504,000)</b>	<b>(504,000)</b>	<b>775,000</b>

## ICT including Regional Control - New Starts 2015/16 to 2019/20

Type of Capital Expenditure	Total Cost £	2015/16 £	2016/17 £	2017/18 £	2018/19 £	2019/20 £
<b>IT002 ICT Software</b>						
Software Licences <i>Rolling Budget</i>	2,000					2,000
Microsoft EA Agreement (Servers & Security) <b>GROWTH</b>	120,000				60,000	60,000
Microsoft EA Agreement (Windows Desktop) <b>GROWTH</b>	65,000	65,000				
Microsoft EA Agreement (Office Desktop) <b>GROWTH</b>	200,000				200,000	
	<b>387,000</b>	<b>65,000</b>	<b>0</b>	<b>0</b>	<b>260,000</b>	<b>62,000</b>
<b>IT003 ICT Hardware</b>						
PC, monitor and laptop replacement (target 20%) <i>Rolling Budget</i>	70,000					70,000
PC, monitor and laptop growth <i>Rolling Budget</i>	5,000					5,000
Peripherals replacement (target 20%) <i>Rolling Budget</i>	6,000					6,000
Hand Held Communication Devices <b>NEW START</b>	60,000				30,000	30,000
Communication Screen Refresh <b>NEW START</b>	50,000					50,000
	<b>191,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>30,000</b>	<b>161,000</b>
<b>IT005 ICT Servers</b>						
Server/storage replacement (target 20%) <i>Rolling Budget</i>	65,000					65,000
Server/storage <i>Rolling Budget</i>	15,000					15,000
Server/storage growth <b>GROWTH</b>	10,000					10,000
	<b>90,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>90,000</b>
<b>IT018 ICT Network</b>						
Local Area Network replacement (discrete) <i>Rolling Budget</i>	4,000					4,000
Network Switches/Router <i>Rolling Budget</i>	5,000					5,000
Network Switches/Router for JCC/TDA Resilience <b>GROWTH</b>	10,000					10,000
Vesty Road Network Link <b>NEW START</b>	40,000					40,000
	<b>59,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>59,000</b>
<b>IT026 ICT Operational Equipment</b>						
Pagers/Alerters <i>Rolling Budget</i>	7,000					7,000
Station End Kit <i>Rolling Budget</i>	5,000					5,000
	<b>12,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12,000</b>
<b>Other IT Schemes</b>						
IT027 ICT Security- Remote Access FOBS <i>Rolling Budget</i>	2,000					2,000
IT028 System Development (Portal) <i>Rolling Budget</i>	25,000					25,000
IT030 ICT Projects/Upgrades <i>Rolling Budget</i>	5,000					5,000
IT055 C.3.I. C.&.C Comms & Info. System <i>Rolling Budget</i>	15,000					15,000
	<b>47,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>47,000</b>
	<b>786,000</b>	<b>65,000</b>	<b>0</b>	<b>0</b>	<b>290,000</b>	<b>431,000</b>

## 1. Introduction

The budget is split in three ways.

**Firstly** capital spends on Underlying ICT Infrastructure (IT002, IT003, IT005, IT018, IT026, IT027, IT028, IT030 and IT055). This spend is to renew existing ICT equipment and services as they become obsolete avoiding the ICT Infrastructure becoming out of date.

**Secondly** capital spends on new projects to improve the ICT infrastructure or release organisation efficiencies.

**Thirdly** capital spends on projects identified to be in the Integrated Risk Management Plan (IRMP). In terms of ICT and IRMP projects, capital spend usually occurs in the first year of the budget plan, unless it is a complex project. This budget round does not include any new IRMP projects

What follows is a breakdown of the increased capital spends covering the 5 year period **2015/2016 to 2019/2020**

## 2. New Growth for the year 2019/2020

New growth in underlying ICT Spend is highlighted in the table below, and a more detailed explanation is given on following pages.			
<b>2019/2020 New Growth</b>			
IT002	ICT Software	<b>£2,000</b>	<b>£2,000:</b> Underlying 5 Year Spend for Software Licences 2019/2020
		<b>£60,000</b>	<b>£60,000:</b> Microsoft EA Agreement (Servers and Security)
IT003	ICT Hardware	<b>£161,000</b>	<b>£81,000:</b> Underlying 5 Year Spend for Hardware Lifecycle management 2019/2020 (reduced by £10k)
			<b>£30,000:</b> 5 Year Asset Lifecycle Refresh (20%) of Hand Held Com devices
			<b>£50,000:</b> IP Communication Screen Asset Refresh
IT005	ICT Servers	<b>£90,000</b>	<b>£80,000:</b> Underlying 5 Year Spend for Servers and Storage Growth 2019/2020
			<b>£10,000:</b> Additional £10k per 5 Year Spend for Servers and Storage Growth to accommodate increase in additional Servers introduced for JCC and enhanced TDA Resilience.
IT018	ICT Network	<b>£59,000</b>	<b>£9,000:</b> Underlying 5 Year Spend for Local Area Network and Network Switch/Router Growth 2019/2020
			<b>£10,000:</b> Asset Lifecycle refresh of Additional Switches introduced for JCC and enhanced TDA resilience
			<b>£40,000:</b> Asset Lifecycle refresh of Vesty Road Network Link
IT026	ICT Operational Equipment	<b>£12,000</b>	<b>£12,000:</b> Underlying 5 Year Spend for Operational Equipment 2019/2020
IT027	ICT Security	<b>£2,000</b>	<b>£2,000:</b> Underlying 5 Year Spend for ICT Security 2019/2020.
IT028	Portal Development	<b>£25,000</b>	<b>£25,000:</b> Underlying 5 Year Spend for Portal development and delivery of efficiencies 2019/2020
IT030	ICT Projects/Upgrades	<b>£5,000</b>	<b>£5,000:</b> Underlying 5 Year Spend for ICT Projects/Upgrades 2019/2020
IT055	C3I C&C Communications and Information Systems	<b>£15,000</b>	<b>£15,000:</b> Underlying 5 Year Spend for on-going strategy for minor improvements to Command and Control Computer Aided Despatch Systems 2019/2020
<b>Total</b>		<b>£441,000</b>	

### **IT002: ICT Software: Growth £60,000 + Underlying Year 5 Spend £2,000**

**1) Underlying Spend:** £2,000: 5 Year Software License

**2) New Growth:** £60,000 for 2019/2020: Microsoft EA Agreement (Servers and Security)

**3) Additional Growth Required for Years Prior to 2019/2020:** £265k (2015/16 £65k, 2018/19 £200k)

ICT recommend we buy back into the EA agreement due to Microsoft Products becoming end of life. The 3 year support covered 01/04/2012 to 31/03/2015, with a decision needing to be made on its renewal requirement in April 2015. A Request for new growth to cover this is outlined in more detail at the end of the report in the table titled "Additional Growth Required for Years Prior to 2019/2020"

### **IT003: ICT Hardware: Growth £80,000: Underlying Year 5 Spend £81,000**

**1) Underlying Spend:** £81,000: Controlled Hardware replacement policy based on a 5 year asset life. (reduced by £10k)

**2) New Growth:**

**a) £30,000** for 2019/2020: 5 Year Asset Lifecycle Refresh (20%) of handheld communication devices based on 400 Tablets @ £370 each.

**b) £50,000** for 2019/2020: Asset Lifecycle Refresh of IP communication screen solution and 25 IP screens

**3)Additional Growth Required for Years Prior to 2019/2020:** £30k Asset Lifecycle for Toughbook/IPads will require replacement over a 5 year (20%) period. The lifecycle refresh will need to commence 2018/2019 and each year thereafter based on 400 Tablets @ £370 each

**IT005: ICT Servers: Growth £10,000 + Underlying Year 5 Spend £80,000**

**1)Underlying Spend: £80,000:** Controlled Server and storage growth policy based on a 5 year asset life.

**2) New Growth: £10,000:** Additional £10k per 5 Year Spend for Servers and Storage Growth to accommodate increase in additional Servers as part of JCC and enhanced TDA Resilience.

**IT018: ICT Network: Growth £50,000 plus Underlying Year 5 Spend £9,000**

**1)Underlying Spend: £9,000:** Controlled Network 5 Year growth policy.

**2)New Growth:**

**a)£10,000:** Asset Lifecycle refresh of Additional Switches introduced for JCC and enhanced TDA resilience

**b)£40,000:** Asset Lifecycle refresh of Vesty Road Network Link

**IT026: ICT Operational Equipment: No New Growth: Underlying Year 5 Spend £12,000**

**1)Underlying Spend: £12,000:** Operational Equipment covers replenishment of Pagers/Alerters and Station End Kit

**IT027: ICT Security: No New Growth: Underlying Year 5 Spend £2,000**

**1)Underlying Spend: £2,000:** ICT Security covers the PC/Laptop Remote Access Security Systems

**IT028: Portal Development No New Growth, but Underlying Year 5 Spend £25,000**

**1)Underlying Spend: £25,000:** Development and delivery of Portal efficiencies

**IT030: ICT Projects/Upgrades:No New Growth, but Underlying Year 5 Spend £5,000**

**1)Underlying Spend: £5,000:** Small projects outside of scope of those identified as IRMP/Service Plan spends

**IT055: C3I C&C Comms. & Info: No New Growth, but Underlying Year 5 Spend £15,000**

**1)Underlying Spend: £15,000:** Strategy for minor improvements to Command and Control Computer Aided Dispatch (CAD) systems

**3. Additional Growth for years prior to 2019/2020**

Additional Growth Required for Years Prior to 2019/2020			
Job Code	Type of Expenditure	Cost	Additional Growth Identified
IT003	Tablet (Ipad) Replacement Target (20%)	£30,000	2018/2019: Commence 5 Year Replacement (20%) of Tablet based on 400 Tablets @ £370 each.

Capital Growth returned for years prior to 2019/2020			
Job Code	Type of Expenditure	Cost	Additional Growth Identified
	ICT Software; IT002 – 3 Year Microsoft EA Agreement (Servers and Security)		The EA agreement with Microsoft Products allows an organisation access to upgrade to the latest microsoft products. Although not essential to always have the latest software the Service does need to planned to upgrade over a period of time to avoid system failure due to obsolete software. The provisions below reflect the minium anticipated investment required to upgrade microsoft products
		£60,000	£60k new growth will be required for 2018/2019 (and 2019/2020) for the EA agreement (servers & security)
		£265,000	EA 3 year support agreement due to Microsoft Products for desktop (£65k windows 2015/16 and £200k for office 2018/19).

Potential Additional scheme NOT in the estimates BUT it might be needed:

Firelink	MDT And Radio Refresh	£1,124,000	2016/2017: As highlighted in last year's commentary (2014/2019): Support of existing Radio and MDT Airwave equipment runs out December 2016. CLG have an option of extending by 12 months then an additional 2 years. We have no control over this decision, so worst case scenario if CLG do not renew for January 2017 we would need to purchase similar equipment and Annual Service Support (See Detailed Commentary below)
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#### Firelink: MDT and Radio Refresh: Growth £1,124,000 in 2016/2017

Support of existing Radio and MDT Airwave equipment runs out December 2016. CLG have an option of extending by 12 months then an additional 2 years.

With the Airwave replacement in mind the Government has set up the Emergency Services Mobile Communications Program (ESMCP). ESMCP is a cross-governmental program to deliver mobile voice and data communications to the emergency services based on a thorough and wide-ranging review of the anticipated operational demands, technical opportunities and commercial options. It sets the strategic framework for Fire Rescue Service (FRS) voice and data communications potentially through to 2030 and beyond. It is a highly significant program for the FRS and the whole of the Emergency Services sector. The service delivered by ESMCP will be delivered over the Emergency Services Network (ESN).

The latest update is that the Tender responses have been received for all 4 of the main procurement lots. Evaluations and moderation sessions are due for completion the end of January 2015. The next phase will involve a period of negotiation with down-selected bidders leading to an invitation to submit Best and Final Offers. Contract award remains scheduled for July 2015.

Considerations are:

- \* The questions over 'costs' for the FRS remain largely unanswered and unknown
- \* Transitional funding also remains unclear
- \* The level of Control Room integration and economies of scale when purchasing devices may be influential in delivering potential savings
- \* Key Risks is the overall funding, timescales for suppliers to deliver and demonstrate system requirements
- \* FRS engagement is expected to increase this year with a range of workshops and visits to FRSs by CFOA representatives.
- \* The North West transition is currently set to commence 2018.

MFRS has little control over any decisions, and will need to purchase similar equipment and annual service support but as such at present there remains a number of unknowns. A watching brief is in place and any opportunities to influence the ESMCP project will be taken.

#### **4. New Expected Capital Growth Requests through Separate Business Cases**

Job Code	Type of Expenditure	Cost	Additional Growth to be Requested
IT055	C3I C&C Communications and Information Systems	£TBC	<b>2015-2016: Alerter Scheme</b> Expansion and re-configuration of the Alerter scheme to meet the new retained reserve policy
		£TBC	<b>2015/2016: Vision DS Upgrade</b> Following on from successful upgrade from a Software ICCS to a DS3000 Hardware ICCS as part of the JCC project; the next step is to upgrade Vision 3 CAD to Vision DS CAD in line with Capita's Application Road Map. Meeting Booked December 2014 to discuss timings

## Operational Equipment - New Starts 2015/16 to 2019/20

Type of Capital Expenditure	Total Cost £	2015/16 £	2016/17 £	2017/18 £	2018/19 £	2019/20 £
<b><u>OPS003 Hydraulic Rescue Equipment</u></b>						
Hydraulic Rescue Equipment - Replacement Programme	400,000			160,000	160,000	80,000
	<b>400,000</b>	<b>0</b>	<b>0</b>	<b>160,000</b>	<b>160,000</b>	<b>80,000</b>
<b><u>OPS005 Resuscitation Equipment</u></b>						
Defibrillator Batteries <i>7 Year Rolling Replacement Budget</i>	12,000				12,000	
Resuscitation Equip & Cylinders <i>7 Year Rolling Replacement</i>	30,000					30,000
	<b>42,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12,000</b>	<b>30,000</b>
<b><u>OPS024 BA Equipment/Communications</u></b>						
BA Telementary Breathing Units	45,000			45,000		
Replacement of hand held communication radios	15,000			15,000		
BA Test Rig	12,000				12,000	
Oxygen Booster Pumps	12,000				12,000	
ESAS, Badoliers & Air Line Reducers	45,000				45,000	
	<b>129,000</b>	<b>0</b>	<b>0</b>	<b>60,000</b>	<b>69,000</b>	<b>0</b>
<b><u>OPS049 Bulk Foam Equipment</u></b>						
Bulk Foam Attack Equipment	25,000			25,000		
Bulk Foam Stock	70,000				70,000	
	<b>95,000</b>	<b>0</b>	<b>0</b>	<b>25,000</b>	<b>70,000</b>	<b>0</b>
<b><u>Other Operational Equipment</u></b>						
OPS001 Gas Tight Suits Other PPE	150,000			150,000		
OPS005 Resuscitation Equipment	30,000					30,000
OPS011 Thermal imaging cameras	165,000					165,000
OPS022 Improvements to Fleet	30,000					30,000
OPS026 Rope Replacement	35,000					35,000
OPS034 Operational Ladders	58,000		16,000	13,000	16,000	13,000
OPS039 Water Delivery Hoses	20,000				10,000	10,000
OPS054 Electrical Equipment	35,000				30,000	5,000
	<b>523,000</b>	<b>0</b>	<b>16,000</b>	<b>163,000</b>	<b>56,000</b>	<b>288,000</b>
<b><u>Hydrants</u></b>						
HYD001 Hydrants (New Installations)	18,500					18,500
HYD002 Hydrants (Replacements)	18,500					18,500
	<b>37,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>37,000</b>
	<b>1,226,000</b>	<b>0</b>	<b>16,000</b>	<b>408,000</b>	<b>367,000</b>	<b>435,000</b>

**OPS 003 Hydraulic Rescue Equipment £160,000 per year required in 17/18 and 18/19 to allow this to take place**

Required to allow routine replacement of existing Hydraulic cutting tools which will be at the end of their working life.

Existing hydraulic equipment will be becoming due for replacement in these years regardless of other considerations. However the service is continuing extended trials of battery powered hydraulic cutting tools. These have produced very positive results and the intention is to replace existing hydraulic tools which are powered by petrol driven power packs with more portable and more powerful battery operated units. These tools will be purchased as existing tools come to the end of their service life.

£160,000 will be required in 17/18 to allow purchase of new Hydraulic equipment

£160,000 will be required in 18/19 to allow purchase further Hydraulic equipment and to replace the majority of rechargeable batteries in use within the service

£80,000 will be required in 19/20 to allow for the final phase of Hydraulic equipment replacement.

**OPS005 Resuscitation Equipment –£30,000 required to allow this to take place**

Existing Oxygen cylinders carried on all appliances will require replacement as they will be 20 years old and it would be advisable to replace them. This will fit into an existing plan to update all resuscitation equipment carried on appliances in the same year to keep pace with advances in this field. Existing equipment will be over twelve years old by 19/20

**OPS005 Defibrillator Batteries–£12,000 required to allow this to take place**

Defibrillators are carried on all appliances and one is held on each MFRS site. All of these units will require replacement of their rechargeable batteries at this point.

**OPS024 Telemetry Units - £45,000 required to allow this to take place**

Replacement of all rechargeable batteries for Telemetry units and BA telemetry boards will be required in 18/19 as they only have a four year lifespan. This is a safety critical item and if the replacement is not carried out then the services Breathing Apparatus will become unusable.

**OPS024 Handheld Radios - £15,000 required to allow this to take place**

Replacement of Batteries for fire ground radios and restock radios. Fireground radios again require replacement batteries every three to four years to remain fully functional and reliable on the incident ground. A more regular replacement program will keep this vital piece of communications equipment operating effectively at all times.

**OPS024 BA Test Rig - £12,000 required to allow this to take place**

Existing Test rig is no longer manufactured and parts for it will cease to be available next year. It will be beyond economical repair by 18/19. It is a safety critical piece of equipment required to:

- Conduct tests as part of service investigations on any BA set that malfunctions.
- Acceptance test any BA set that is purchased or repaired.

**OPS024 BA Oxygen booster pumps - £12,000 required to allow this to take place**

There are five of these within the service required to charge the service's oxygen cylinders. The existing booster pumps will be approaching 20 years old and will require a major overhaul and where necessary complete replacement of some pumps. It is not economically viable to contract out charging of cylinders.

**OPS024 BA Emergency supplementary air supply units & air line reducers & bandoliers - £45,000 required to allow this to take place**

The Emergency supplementary air supply units carried on all appliances will be at the end of their usable life and therefore require replacement. They are risk critical items of equipment required to assist in rescuing firefighters trapped or in distress in irrespirable atmospheres.

Air Line reducers and bandoliers are required as part of the full decontamination procedure at present to allow decontamination operatives to conduct decontamination procedures and also to allow fire fighters requiring decontamination to be supplied with air for longer periods if required.

**OPS049 – Bulk Foam Stock replacement - £70,000 required to allow this to take place**

End of guaranteed life of existing bulk foam stock will be reached next year. Annual testing of stock will be required after this point to confirm it is still usable. It is anticipated that the majority of the stock will require replacing by this time.

**OPS001 Gas Tight Suits -- £150,000 required to allow this to take place**

The existing Treleborg VP1 GTS will be at the end of their guaranteed service life. The suits will be over ten years old and it would be advisable to replace the existing stock.

**OPS005 Resuscitation Equipment - £30,000 required to allow this to take place**



Resuscitation equipment will be over ten years old and will require replacement and update which will be synchronized with replacement of Oxygen cylinders to ensure that up to date resuscitation equipment is available for use by Operational crews.

OPS011 Thermal imaging Cameras £165,000 **required to allow this to take place 19/20**

This will be required as existing Scott eagle attack cameras will be at the end of their service life and will not be viable to keep. Significant advances are being made in thermal imaging camera technology and it would not be advisable to retain these cameras past their intended life as they provide a vital source of information on the incident ground.

**OPS022 – Improvements to fleet required to allow this to take place 19/20**

This is to continue a rolling program of work on existing fleet vehicles to retro fit advances and improvements identified by Ops Equipment and Service Workshops to keep appliances in line with the most up to date specification for front line fire appliances.

OPS025 Rope Replacement £35,000 **required to allow this to take place 19/20**

Required for routine replacement of ropes across service for Rope access gear and SRT equipment. This is required to allow the service to meet legal duties on replacement of ropes and to ensure this risk critical item is maintained to the highest standard.

OPS034 Op Ladders. amounts of £13,000 & £16,000 required alternating years to allow this to take place from 16/17 onwards

The service will be purchasing appliances every year for the foreseeable future. This funding will allow these appliances to be provided with new ladders as part of a planned replacement program. This will allow the oldest ladders from the existing stock to be taken out of service as some are now becoming uneconomical to repair due to age.

OPS039 Delivery Hose £10,000 per year in **required to allow this to take place in 18/19 and 19/20**

Anticipated replacement of sections of delivery hose stock due to age. This is a required replacement of stock at the end of its useable life.

**OPS054 Electrical Equipment - £30,000 required to allow this to take place in 18/19**

Required replacement of all rechargeable batteries on all non hydraulic cutting tools which will be at the end of their useable life. Following extensive trials the service is purchasing battery operated disc cutters and Reciprocating saws which will allow for faster entry to premises (Methods of Entry) and more effective working on the incident ground. These are powered by batteries with a finite lifespan.

## Vehicles - New Starts 2015/16 to 2019/20

Type of Capital Expenditure	Price Per Unit	Total		2015/16		2016/17		2017/18		2018/19		2019/20	
		Unit	Cost £	Unit	£	Unit	£	Unit	£	Unit	£	Unit	£
<b><u>VEH002 Ancillary Vehicles</u></b>													
Ancillary Vehicle (17 Seater Mini Bus)	24,000	3	72,000									3	72,000
Car (5 Door Fiesta/Corsa/Focus)	12,000	3	36,000									3	36,000
4X4 Isuzu/HILUX	27,000	2	54,000									2	54,000
			<b>162,000</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>162,000</b>
<b><u>WOR001 Workshop Equipment</u></b>													
Workshop Equip Somers vehicle Lift.	19,000	1	19,000									1	19,000
Two Post Light Vehicle Lift.	6,000	1	6,000									1	6,000
			<b>25,000</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>25,000</b>
<b><u>Other Vehicles</u></b>													
VEH001 Fire Appliances	260,000	4	1,040,000									4	1,040,000
VEH006 Motor CycleQuad Bikes	11,000	2	22,000									2	22,000
			<b>1,062,000</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>1,062,000</b>
			<b>1,249,000</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>1,249,000</b>