

## 2016/17 - 2020/21 CAPITAL PLAN

	2016/17	2017/18	2018/19	2019/20	2020/21	
	£	£	£	£	£	
2015/16 Capital Programme Position as at 11/10/16	-2,473,000	-3,616,000	1,691,000	699,000	786,000	(NB Includes "programme gain" on IT cap-rev transfers in 14/15)
Revisions to Depreciation	-373,000					Latest 2016/17 estimate but full review of L/T Depreciation forecasts planned
Technology Fund/Other Income sources						Possible Future Bids
VAT Recovery	843,000					T3 schemes - Dependent upon HMRC approval to contractor cost recovery
RHH Theatres (Q Floor + A Floor Refurbs)	3,954,000	-8,831,000	-2,625,000	-3,375,000	-1,675,000	Over Programme values - Assumes RHH Theatres New/Refurbs £27.5m
Future Probable/Possible Schemes		-6,000,000	-6,000,000	-6,000,000	-6,000,000	<b>£6m for 16/17 included in Capital Programme - £1.65m remains available</b>
<b>Projected Annual Capital Programme Position as at 11/10/16</b>	<b>1,951,000</b>	<b>-18,447,000</b>	<b>-6,934,000</b>	<b>-8,676,000</b>	<b>-6,889,000</b>	
<b>Cumulative Projected Capital Programme Position as at 11/10/16</b>	<b>1,951,000</b>	<b>-16,496,000</b>	<b>-23,430,000</b>	<b>-32,106,000</b>	<b>-38,995,000</b>	

	Assumed Funding		2016/17	2017/18	2018/19	2019/20	2020/21	
			£	£	£	£	£	
<b>Possible Schemes</b>	<b>Options</b>							
Other WPH Upgrades/Expansion	External/Charitable	B						In addition to £6.8m for Ward Refurbishment in Capital Programme. Extent of work required and funding options to be assessed
Radiotherapy Centre at Doncaster	External Loan	U						Business Case Development Paused - Assume Loan if Goes Ahead
Outpatient Facilities, RHH	Internal	C						A Floor + B Floor (MSK, Blood Disorders, Pre-Op Assess, Chronic Pain, etc)
Imaging Expansions	Internal	U						Tbc - Assume some unavoidable expansion towards end of 5 year period
Critical Care Capacity	Internal	U						Requirement unclear but potential requirement in 5 year period
Decant Ward/LoS Plan	Internal	U						Propose to address via LoS reductions/bed reductions at NGH
Dental Centre of Excellence - Community Services	Internal	U		?	?			Proposals likely in the coming year/tender submission in development
Community Facilities - Intermediate Care Facility	Internal	U						No further progress
Reconfigure CCU/Firth 7	Internal/Charitable	U						Likely to be considered again if decant arrangements confirmed
Private Patient Facilities	Internal	U						Scheme(s) dependent upon clinical opportunity/facility necessary
Energy Strategy	Internal	U						NGH CHP/RHH LTHW schemes payback too long. Possible national funding.
Bev Stokes Expansion	Internal	U						Options clear. No decision to proceed until productivity/capacity better understood
Frailty Unit	Internal	B		-1,500,000	?			Likely full ward refurbishment
Major Trauma Ward	Internal	U			-2,700,000	?		Business Case under development - potentially significant scheme re Firth 1/2
Contact Centre	Internal	B		-1,300,000	-1,200,000			Business Case under development - review of facilities required on both campuses.
PET/CT	Internal	U						Buy out value at 1/4/16 over £1m. No plans to progress
WPH Pharmacy Aspectic Unit	Internal	B		?	?			Solution under development. Linked to WPH Upgrade scheme
A&E Frontdoor/Pitstop	Internal	U		-2,300,000				Scheme being developed
MIMP NGH Radiology Dept	Internal	U						Proposal anticipated
Dermatology Facilities	Internal	U						Concept paper for upgrade to facilities produced
RHH Minor Operations Facility	Internal	U		-2,000,000				Further options developed given cost implications
Cardiac Theatre Refurbishment	Internal	U		-450,000	-900,000	-884,000		Case progressing to FBC - cost covers all 5 theatres, assume spread over 3-5 yr period
Hyper-Acute Stroke Centralisation	Internal	U						Service configuration over patch under review
PET- MRI	UoS	U						Joint UoS/MIMP Project Team being established
Palliative Care Unit Upgrade	Charitable	U						Initial consideration of options underway
Other	?							New proposals likely
<b>Total Possible Schemes</b>			<b>0</b>	<b>-7,550,000</b>	<b>-4,800,000</b>	<b>-884,000</b>	<b>0</b>	

**SHEFFIELD TEACHING HOSPITALS NHS FOUNDATION TRUST - 2016/17 - 2020/21 CAPITAL PROGRAMME**

**SUMMARY OF APPROVED SCHEMES AGAINST RESOURCES AVAILABLE**

**Appendix B**

CAPITAL PROGRAMME DETAILS	2016/17	2017/18	2018/19	2019/20	2020/21
<b>Total Funding Available</b>	<b>43,092,000</b>	<b>34,753,000</b>	<b>28,738,000</b>	<b>28,699,000</b>	<b>28,786,000</b>
Approved Scheme Details:					
Medical Equipment Modernisation	12,813,000	8,644,000	5,800,000	6,200,000	6,200,000
Information Technology	7,835,000	8,865,000	9,000,000	9,000,000	9,000,000
Service Development	10,781,000	10,626,000	3,550,000	3,550,000	3,550,000
Infrastructure	13,886,000	10,184,000	8,397,000	8,950,000	8,950,000
Planned Rev-Cap Transfers	0	50,000	300,000	300,000	300,000
Funding for Unfunded Schemes	0	0	0	0	0
Directly Donated Equipment	250,000	0	0	0	0
<b>Approved Scheme Total</b>	<b>45,565,000</b>	<b>38,369,000</b>	<b>27,047,000</b>	<b>28,000,000</b>	<b>28,000,000</b>
<b>UNDER/(OVER) COMMITMENT</b>	<b>-2,473,000</b>	<b>-3,616,000</b>	<b>1,691,000</b>	<b>699,000</b>	<b>786,000</b>

APPROVED SCHEME DETAILS BY SITE	NGH					RHH					CCDH				
	2016/17	2017/18	2018/19	2019/20	2020/21	2016/17	2017/18	2018/19	2019/20	2020/21	2016/17	2017/18	2018/19	2019/20	2020/21
Medical Equipment Modernisation	6,832,000	1,425,000	1,442,000	0	500,000	2,609,000	1,040,000	500,000	0	0	40,000	0	0	0	0
Information Technology	407,000	93,000	0	0	0	124,000	0	0	0	0	0	0	0	0	0
Service Development	4,145,000	6,135,000	0	0	0	2,632,000	320,000	0	0	0	698,000	611,000	0	0	0
Infrastructure	1,479,000	206,000	0	0	0	2,883,000	2,970,000	1,300,000	1,300,000	1,300,000	0	0	0	0	0
Directly Donated Equipment															
<b>APPROVED SCHEME TOTAL</b>	<b>12,863,000</b>	<b>7,859,000</b>	<b>1,442,000</b>	<b>0</b>	<b>500,000</b>	<b>8,248,000</b>	<b>4,330,000</b>	<b>1,800,000</b>	<b>1,300,000</b>	<b>1,300,000</b>	<b>738,000</b>	<b>611,000</b>	<b>0</b>	<b>0</b>	<b>0</b>

APPROVED SCHEME DETAILS BY SITE	JHW					WPH					CHS				
	2016/17	2017/18	2018/19	2019/20	2020/21	2016/17	2017/18	2018/19	2019/20	2020/21	2016/17	2017/18	2018/19	2019/20	2020/21
Medical Equipment Modernisation	164,000	0	0	0	0	2,575,000	0	0	0	0	52,000	0	0	0	0
Information Technology	0	0	0	0	0	10,000	0	0	0	0	246,000	0	0	0	0
Service Development	1,615,000	0	0	0	0	30,000	0	0	0	0	0	0	0	0	0
Infrastructure	100,000	50,000	0	0	0	3,346,000	2,450,000	0	0	0	90,000	0	0	0	0
Planned Rev-Cap Transfers															
Funding for Unfunded Schemes															
Directly Donated Equipment															
<b>APPROVED SCHEME TOTAL</b>	<b>1,879,000</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,961,000</b>	<b>2,450,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>388,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

APPROVED SCHEME DETAILS BY SITE	STH UNALLOCATED				
	2016/17	2017/18	2018/19	2019/20	2020/21
Medical Equipment Modernisation	541,000	6,179,000	3,858,000	6,200,000	5,700,000
Information Technology	7,048,000	8,772,000	9,000,000	9,000,000	9,000,000
Statutory / Reg's / Health & Safety	0	0	0	0	0
Service Development	1,661,000	3,560,000	3,550,000	3,550,000	3,550,000
Infrastructure	5,988,000	4,508,000	7,097,000	7,650,000	7,650,000
Planned Rev-Cap Transfers	0	50,000	300,000	300,000	300,000
Funding for Unfunded Schemes	0	0	0	0	0
Directly Donated Equipment	250,000	0	0	0	0
<b>APPROVED SCHEME TOTAL</b>	<b>15,488,000</b>	<b>23,069,000</b>	<b>23,805,000</b>	<b>26,700,000</b>	<b>26,200,000</b>

## CAPITAL FUNDING AVAILABLE 2016/17 - 2020/21

	2016/17	2017/18	2018/19	2019/20	2020/21
	£	£	£	£	£
Projected Internally Generated Resources	35,367,000	35,367,000	35,367,000	35,367,000	35,367,000
Adjustment to Internally Generated Resources Forecast (July 10)	-6,994,000	-6,994,000	-6,994,000	-6,994,000	-6,994,000
Reduction in Depreciation from I&E surplus/indexation removal (based on LT Depn f/cast)	-1,717,000	-1,717,000	-1,717,000	-1,717,000	-1,717,000
Adjustment to Internally Generated Resources Forecast (Jan 14)	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Adjustment to Internally Generated Resources (Feb 15)	2,855,000	2,855,000	2,855,000	2,855,000	2,855,000
Adjustment to Internally Generated Resources (June 15)					
Adjustment to Internally Generated Resources (Jan 16)	-1,000,000	-1,000,000	-1,000,000	-1,000,000	-1,000,000
Application of Internally Generated Resources to:					
- Hadfield Loan Creditor (PF)	-582,000	-643,000	-624,000	-574,000	-468,000
- Critical Care Loan (FTFF)	-780,000	-780,000	-780,000	-780,000	-780,000
- Laboratory Medicine Loan (FTFF)	-666,000	-666,000	-666,000	-666,000	-666,000
- Gamma Knife Lease Creditor	-438,000	-456,000	-473,000	-492,000	-511,000
	28,045,000	27,966,000	27,968,000	27,999,000	28,086,000
Application of Internally Generated Resources to non-recurrent T3 expenditure	0	0			
Application of 2014/15 I&E Surplus	0	6,087,000			
2015/16 Year End Utilisation of/(Improvement to) Working Capital	13,142,000				
A&E Place of Safety - National/PDC Funding	90,000				
<b>Subtotal Internally Generated/Strategic Capital Funding</b>	<b>41,277,000</b>	<b>34,053,000</b>	<b>27,968,000</b>	<b>27,999,000</b>	<b>28,086,000</b>
Medical Equipment - Sheffield Hospitals Charity	48,000				
VAT Recovery	862,000	700,000	700,000	700,000	700,000
Medical Equipment - Neurocare	50,000				
Neurocare - Neurosurgical Robot (Directly Donated)	250,000				
Haematology Side Rooms (Kay Kendall £150k +SHC £64k)	214,000				
Medical Equipment - RVS	8,000				
Sale Proceeds	250,000		70,000		
University of Sheffield - Polaris Mobile Pad	123,000				
Audio-Visual Equipment - Sheffield Hospitals Charity	10,000				
Northern Perk Extension	0				
<b>Subtotal Donations/Other Income</b>	<b>1,815,000</b>	<b>700,000</b>	<b>770,000</b>	<b>700,000</b>	<b>700,000</b>
<b>TOTAL FUNDING AVAILABLE</b>	<b>43,092,000</b>	<b>34,753,000</b>	<b>28,738,000</b>	<b>28,699,000</b>	<b>28,786,000</b>

**PROGRAMMED EXPENDITURE 2016/17 - 2020/21**

**Appendix B**

**MEDICAL EQUIPMENT MODERNISATION**

APPROVED SCHEME DETAILS	SITE	SCHEME STATUS	INITIAL APPROVED SUM	LATEST APPROVED SUM	CUMULATIVE SPEND TO 31/3/16	REMAINING PROGRAMMED EXPENDITURE					TOTAL	PROJECT LEAD	BUDGET LEAD
						2016/17	2017/18	2018/19	2019/20	2020/21			
Annual Upgrade Programme	NGH	Approved				1,610,000	0				1,610,000	MEMG	CM
Annual Upgrade Programme	RHH	Approved				1,377,000	0				1,377,000	MEMG	CM
Annual Upgrade Programme	CCDH	Approved				40,000					40,000	MEMG	CM
Annual Upgrade Programme	JHW	Approved				158,000					158,000	MEMG	CM
Annual Upgrade Programme	WPH	Approved				58,000					58,000	MEMG	CM
Annual Upgrade Programme	CHS	Approved				27,000					27,000	MEMG	CM
Annual Upgrade Programme	STH	Approved				100,000					100,000	MEMG	CM
Annual Upgrade Programme - Unallocated	STH	Planning Sum				128,000	3,200,000	3,200,000	3,200,000	3,200,000	12,928,000	MEMG	CM
Major Equipment Replacement Programme	STH	Planning Sum				313,000	2,979,000	658,000	3,000,000	2,500,000	9,450,000	MEMG	CM
Donated Medical Equipment	NGH	Approved				30,000	0				30,000	MEMG	CM
Donated Medical Equipment	RHH	Approved				60,000	0				60,000	MEMG	CM
Donated Medical Equipment	CCDH	Approved				0					0	MEMG	CM
Donated Medical Equipment	JHW	Approved				6,000					6,000	MEMG	CM
Donated Medical Equipment	WPH	Approved				7,000					7,000	MEMG	CM
Donated Medical Equipment	CHS	Approved				0					0	MEMG	CM
Clinical Skills Equipment	NGH	Planning Sum									0	MEMG	CM
Clinical Skills Equipment	RHH	Planning Sum									0	MEMG	CM
Clinical Skills Equipment	JHW	Planning Sum									0	MEMG	CM
Clinical Skills Equipment	CCDH	Planning Sum									0	MEMG	CM
Clinical Skills Equipment	WPH	Planning Sum									0	MEMG	CM
Clinical Skills Equipment	CHS	Approved				25,000					25,000	C Wilkie	CM
CT Scanner Replacements (x2)	WPH	Completed	1,425,000	1,695,000	1,661,014	34,000					34,000	S Tozer-Loft	STL
CT Scanner Replacements (x2)	RHH	FBC Approved	1,712,000	1,472,000	500,294	972,000					972,000	P Bailey	KG
CT Scanner Replacements (x2)	NGH	Completed	1,713,000	1,504,000	3,454	983,000		517,000			1,500,000	P Bailey	KG
Replacement MRI Scanner (1.5T)	WPH	FBC Approved	1,400,000	585,000	0	585,000					585,000	P Bailey	KG
5th MRI Scanner, NGH, NM2	NGH	FBC Approved	2,500,000	2,073,000	281,715	1,792,000					1,792,000	P Bailey	KG
6th MRI Scanner, RHH, HM3	RHH	Completed	1,712,000	1,931,000	1,870,848	60,000					60,000	P Bailey	KG
Replacement Cath Labs	NGH	Approved	1,073,000	3,011,000	1,044,778	656,000	655,000	655,000			1,966,000	C Monk	CM
Cardiac Theatre 5	NGH	Completed	147,000	132,000	131,655	0					0	C Monk	CM
SPEC-CT Gamma Camera Replacement	NGH	OBC Approved	1,338,000	1,221,000	0	1,221,000					1,221,000	P Bailey	AH
Linac Replacement - LA5	WPH	FBC Approved	1,891,000	1,891,000	0	1,891,000	0				1,891,000	S Tozer-Loft	STL
NGH Plain Film Room Equipment	NGH	FBC Approved	1,080,000	1,080,000	0	540,000	270,000	270,000			1,080,000	P Bailey	KG
RHH Plain Film Room Equipment	RHH	FBC Approved	540,000	540,000	0	0	540,000				540,000	P Bailey	KG
Neurosurgical Robot	RHH	Withdrawn	250,000	0	0	0	0				0	C Wilkie	CW
Breast Tomosynthesis	RHH	Approved	140,000	140,000	0	140,000					140,000	J Lay	JL
Fluroscopy Replacement x2, NGH	NGH	OBC Approved	1,000,000	1,000,000	0	0	500,000			500,000	1,000,000	P Bailey	KG
Fluroscopy Replacement x2, RHH	RHH	OBC Approved	1,000,000	1,000,000	0	0	500,000	500,000			1,000,000	P Bailey	KG
<b>MEDICAL EQUIPMENT MODERNISATION TOTAL</b>						<b>12,813,000</b>	<b>8,644,000</b>	<b>5,800,000</b>	<b>6,200,000</b>	<b>6,200,000</b>	<b>39,657,000</b>		

**INFORMATION TECHNOLOGY**

APPROVED SCHEME DETAILS	SITE	SCHEME STATUS	INITIAL APPROVED SUM	LATEST APPROVED SUM	CUMULATIVE SPEND TO 31/3/16	REMAINING PROGRAMMED EXPENDITURE					TOTAL	PROJECT LEAD	BUDGET LEAD
						2016/17	2017/18	2018/19	2019/20	2020/21			
General IT Systems/Telecoms Development	NGH	Approved				0	0				0	T Scotter	TS
General IT Systems/Telecoms Development	RHH	Approved				0	0				0	T Scotter	TS
General IT Systems/Telecoms Development	WPH	Approved				0	0				0	T Scotter	TS
General IT Systems/Telecoms Development	JHW	Approved				0	0				0	T Scotter	TS
General IT Systems/Telecoms Development	CHS	Approved				246,000	0				246,000	T Scotter	TS
General IT Systems/Telecoms Development	STH	Approved				421,000	0				421,000	T Scotter	TS

Informatics Strategic & Corporate - Unallocated	STH	Planning Sum				4,241,000	7,276,000	7,800,000	7,800,000	7,800,000	34,917,000	T Scotter	TS
Informatics Infrastructure - Unallocated	STH	Planning Sum				233,000	1,200,000	1,200,000	1,200,000	1,200,000	5,033,000	T Scotter	TS
Dental Hospital IT Infrastructure	CCDH	Completed	648,000	722,000	721,467	0					0	C Wilkie	TS
Renal Information System	NGH	FBC Approved	426,000	781,000	375,012	407,000					407,000	J Rawlins	TS
Ophthalmology Clinical Data Management System	RHH	Completed/On Hold	7,000	440,000	361,594	78,000					78,000	C Wilkie	TS
Electronic Document Management System	STH	FBC Approved	2,116,000	2,261,000	1,878,819	381,000					381,000	T Scotter	TS
Electronic Patient Record	STH	FBC Approved	6,417,000	5,141,000	4,850,078	291,000	0				291,000	T Scotter	TS
STH Clinical Portal (Phases 1&2)	STH	FBC Approved	7,076,000	6,112,000	5,731,164	381,000					381,000	T Scotter	TS
E-Prescribing	STH	Planning Sum	138,000	149,000	0	87,000		62,000			149,000	T Scotter	TS
Purchase to Pay Software	NGH	Approved	109,000	107,000	14,588	0		93,000			93,000	N Priestley	NP
PACS	STH	FBC Approved	242,000	1,885,000	1,819,337	66,000					66,000	T Scotter	TS
Clinical Engineering Database (RAMS)	STH	Completed	80,000	80,000	75,669	5,000					5,000	C Monk	TS
3D Lab Software	RHH	Approved	110,000	120,000	74,133	46,000					46,000	T Scotter	TS
STH Telephony Platform	STH	Approved	1,170,000	1,170,000	0	936,000	234,000				1,170,000	T Scotter	TS
Corporate Single Sign On	STH	Fees	3,000	0	0						0	T Scotter	TS
Tradeshift Interface	STH	Approved	6,000	6,000	0	6,000					6,000	J Wright	JW
Audio-Visual Equipment	WPH	Approved	10,000	10,000	0	10,000					10,000	I Scott	TS
<b>INFORMATION TECHNOLOGY TOTAL</b>						<b>7,835,000</b>	<b>8,865,000</b>	<b>9,000,000</b>	<b>9,000,000</b>	<b>9,000,000</b>	<b>43,700,000</b>		

#### SERVICE DEVELOPMENT

						REMAINING PROGRAMMED EXPENDITURE							
APPROVED SCHEME DETAILS	SITE	SCHEME STATUS	INITIAL APPROVED SUM	LATEST APPROVED SUM	CUMULATIVE SPEND TO 31/3/16	2016/17	2017/18	2018/19	2019/20	2020/21	TOTAL	PROJECT LEAD	BUDGET LEAD
New Business Planning Rounds/Service Development	STH	Planning Sum				1,658,000	3,550,000	3,550,000	3,550,000	3,550,000	15,858,000	CIT	CIT
Theatre Lights - NGH	NGH	Approved	102,000	443,000	391,927	51,000					51,000	C Monk	PB
M&SRC Upgrade	NGH	Works Approved	5,000	468,000	439,739	29,000					29,000	I Scott	PB
Pharmacy Aseptic Unit, RHH	RHH	Approved	477,000	533,000	234,575	298,000					298,000	D Child	PB
Infection Control & Prevention Team Accommodation	STH	Fees	3,000	3,000	0	3,000					3,000	C Morley	PB
Special Care Baby Unit	JHW	FBC Approved	1,858,000	1,909,000	293,727	1,615,000					1,615,000	S Gregory	PB
Haematology Sideroom/BMT	RHH	Completed	10,000	3,390,000	1,975,404	1,415,000					1,415,000	I Scott	PB
NGH TAU Upgrade	NGH	Completed	5,000	150,000	31,850	118,000					118,000	L Walton	PB
A&E Decontamination Unit, NGH	NGH	Approved/On Hold	188,000	523,000	41,116	482,000					482,000	M McKenniff	PB
RHH C Floor Radiology Refurbishment	RHH	FBC Approved	750,000	770,000	53,189	397,000	320,000				717,000	P Bailey	PB
Bowel Cancer Screening Accommodation	RHH	Planning Sum/Fees	150,000	200,000	558	199,000					199,000	L Walton	PB
Palliative Care Conservatory	NGH	Fees	3,000	9,000	9,156						0	I Scott	PB
CCDH Laboratory Refurbishment	CCDH	Approved	1,330,000	1,330,000	20,680	698,000	611,000				1,309,000	C Wilkie	PB
GP Collaborative Relocation	NGH	OBC Approved	1,095,000	1,492,000	233,614	1,259,000					1,259,000	M McKenniff	PB
NGH Cataract Unit	NGH	FBC Approved	7,012,000	7,072,000	215,586	1,451,000	5,405,000				6,856,000	C Wilkie	PB
Refurbishment 21 Claremont Crescent	RHH	Completed	436,000	436,000	197,600	238,000					238,000	S Carmen	PB
Centralisation of Sexual Health Services	RHH	Completed	120,000	149,000	74,394	75,000					75,000	R Henschley	PB
Contact Centre Centralisation	NGH	Fees/Equip Approved	156,000	156,000	965	155,000					155,000	B Joyce	PB
Huntsman Retail Phase 2	NGH	Approved	154,000	189,000	7,910	132,000	49,000				181,000	P Brennan	PB
Ebola Works	STH	Planning Sum	10,000	10,000	0	0	10,000				10,000	L Walton	PB
Chesterman Radiographer Suite	NGH	Fees	3,000	3,000	0	3,000					3,000	J Rawlins	PB
Relocation of Moving & Handling & Tissue Viability	NGH	Planning Sum	121,000	150,000	0	150,000					150,000	L Crofts	PB
East Pennine Cytology Training Centre	NGH	Completed	107,000	107,000	0	107,000					107,000	P Bailey	PB
Coagulation Water Purification System	RHH	Approved	5,000	5,000	0	5,000					5,000	P Bailey	PB
Podiatric Surgery Service relocation	NGH	OBC Approved	746,000	746,000	0	65,000	681,000				746,000	V Leckie	PB
Frailty Unit	NGH	Fees	5,000	24,000	9,000	15,000					15,000	L Walton	PB
Northern Perk Extension	NGH	Withdrawn	9,000	0	0	0					0	P Brennan	PB
3T MRI Mobile Scanning Pad	NGH	Approved	180,000	123,000	0	123,000					123,000	P Brennan	PB
Pharmacy Aseptic Unit, WPH	WPH	Fees	30,000	30,000	0	30,000					30,000	D Child	PB
Hybrid Theatre	NGH	Fees	5,000	5,000	0	5,000					5,000	C Monk	PB
Dermatology Facilities	RHH	Fees	5,000	5,000	0	5,000					5,000	I Scott	PB
<b>SERVICE DEVELOPMENT TOTAL</b>						<b>10,781,000</b>	<b>10,626,000</b>	<b>3,550,000</b>	<b>3,550,000</b>	<b>3,550,000</b>	<b>32,057,000</b>		

**INFRASTRUCTURE**

APPROVED SCHEME DETAILS	SITE	SCHEME STATUS	INITIAL APPROVED SUM	LATEST APPROVED SUM	CUMULATIVE SPEND TO 31/3/16	REMAINING PROGRAMMED EXPENDITURE					TOTAL	PROJECT LEAD	BUDGET LEAD
						2016/17	2017/18	2018/19	2019/20	2020/21			
Hotel Services & Security Infrastructure	NGH	Approved				25,000	56,000	0			81,000	K O'Regan	KO
Hotel Services & Security Infrastructure	RHH	Approved				0	0	0			0	K O'Regan	KO
Hotel Services & Security Infrastructure	JHW	Approved				0	0	0			0	K O'Regan	KO
Hotel Services & Security Infrastructure	WPH	Approved				0	0	0			0	K O'Regan	KO
Hotel Services & Security Infrastructure	STH	Approved				0	202,000	400,000	400,000	400,000	1,402,000	K O'Regan	KO
Estates Infrastructure	STH	Planning Sum				381,000	1,906,000	2,100,000	2,100,000	2,100,000	8,587,000	P Brennan	PB
Ward Refurbishment Programme	STH	Planning Sum				0	0	2,197,000	2,750,000	2,750,000	7,697,000	C Morley	PB
Non-Clinical Public Environments Programme	STH	Planning Sum				0	400,000	400,000	400,000	400,000	1,600,000	C Morley	PB
Theatre Refurbishment/Expansion Programme	STH	Planning Sum				5,500,000	2,000,000	2,000,000	2,000,000	2,000,000	13,500,000	P Brennan	PB
NGH Theatre Refurbishment Programme	NGH	Completed	1,030,000	1,328,000	903,615	425,000					425,000	P Brennan	PB
Huntsman Retail Facilities - Phase 1	NGH	Completed	760,000	1,669,000	1,620,024	49,000					49,000	P Buckley	PB
WPH Ward Refurbishment/WAU	WPH	Approved	698,000	6,711,000	915,144	3,346,000	2,450,000				5,796,000	P Brennan	PB
Laundry Modernisation	NGH	Approved	729,000	1,787,000	1,496,052	290,000					290,000	K O'Regan	KO
NGH Generator Replacement	NGH	Approved	200,000	137,000	124,233	13,000					13,000	P Brennan	PB
NGH Road Exits	NGH	Fees	5,000	35,000	5,154	30,000					30,000	P Brennan	PB
Cardiac Theatre Refurbishment	NGH	Fees	10,000	18,000	8,485	10,000					10,000	P Brennan	PB
RHH OPD Refurbishment	RHH	Approved	1,254,000	1,069,000	309,462	380,000	380,000				760,000	P Brennan	PB
RHH Q Floor Theatres	RHH	Fees	504,000	595,000	28,095	567,000					567,000	P Brennan	PB
RHH Main Lifts	RHH	Fees	6,500,000	6,500,000	24,234	240,000	2,336,000	1,300,000	1,300,000	1,300,000	6,476,000	P Brennan	PB
T Floor Chiller Replacement	RHH	Fees	1,000,000	800,000	25,055	775,000					775,000	P Brennan	PB
Hydrogen Peroxide Vapour (HPV) Equipment (x3)	STH	Approved	17,000	107,000	0	107,000					107,000	K O'Regan	KO
NGH Car Parking	NGH	Approved	670,000	670,000	0	520,000	150,000				670,000	P Brennan	PB
JHW Car Parking	JHW	Approved	150,000	150,000	0	100,000	50,000				150,000	P Brennan	PB
RHH Main HV Generator Replacement	RHH	Approved	150,000	150,000	0	50,000	100,000				150,000	P Brennan	PB
K Floor Cooling	RHH	Approved	20,000	20,000	0	20,000					20,000	P Brennan	PB
Beech Hill Boilers	CHS	Approved	200,000	90,000	0	90,000					90,000	P Brennan	PB
RHH LTHW	RHH	Fees	15,000	15,000	0	15,000					15,000	P Brennan	PB
Estates Lawnmower	NGH	Completed	7,000	7,000	0	7,000					7,000	P Brennan	PB
RHH A Floor Theatres	RHH	Fees	36,000	990,000	0	836,000	154,000				990,000	P Brennan	PB
NGH Cold Water Distribution	NGH	Phase 1 approved	110,000	110,000	0	110,000					110,000	P Brennan	PB
<b>INFRASTRUCTURE TOTAL</b>						<b>13,886,000</b>	<b>10,184,000</b>	<b>8,397,000</b>	<b>8,950,000</b>	<b>8,950,000</b>	<b>50,367,000</b>		

**OTHER**

APPROVED SCHEME DETAILS	SITE	SCHEME STATUS	INITIAL APPROVED SUM	LATEST APPROVED SUM	CUMULATIVE SPEND TO 31/3/16	REMAINING PROGRAMMED EXPENDITURE					TOTAL	BUDGET LEAD	BUDGET LEAD
						2016/17	2017/18	2018/19	2019/20	2020/21			
Planned rev-cap Transfers/Redefinition of Capital	STH	Planning Sum				0	50,000	300,000	300,000	300,000	950,000	N Priestley	NP
Funding for Unfunded Schemes	STH	Planning Sum									0	N Priestley	NP
Directly Donated Equipment	STH	Approved				250,000					250,000	N Priestley	NP

**TOTAL PROGRAMMED EXPENDITURE**

**45,565,000      38,369,000      27,047,000      28,000,000      28,000,000      166,981,000**

## 2016/17 - 2020/21 CAPITAL PROGRAMME - RISKS AND CONTINGENCIES SUMMARY

Known Risks:	16/17 Unallocated Budget	2016/17 £	2017/18 £	2018/19 £	2019/20 £	2020/21 £	
<b>Ring fenced Envelopes:</b>							
Medical Equipment	128,000						Emergency reserve for year
Major Equipment	313,000						Planned Neuro equipment awaiting MMEG case approval for £172k Operating Microscope: £141k to cover CT overspends (see below)
Informatics Strategic & Corporate	4,241,000						COSD £330k, Service Requesting/E-internal Referrals £50k, Directorate Business Plans £100k. With IT Infrastructure list below, total projected schemes = £3190k. Against available funding of £4474k, leaves £1284k unallocated. However, major schemes unlikely to progress in remainder of year. Assume - say £500k IT infrastructure and small directorate schemes progress = £4m slippage
Informatics Infrastructure	233,000						E-mail exchange £500k, Video Conferencing £100k, Digital Dictation £150k, Top Ten Risks Migration services & apps to Flexpod £800k, Top Ten Risks Core Network £600k, Top Ten Risks Monitoring and Alerting £60k, VDI/Thin Client £500k. Total £2710k. Major amounts unlikely to be progressed in 16/17. See aggregated comments above
Service Development	1,658,000						Priority schemes to be confirmed/awaiting cases - Infection Control Office Accommodation (£61k), Demolition Vickers 16/17 & future scheme. Future years schemes: A&E Front Door, Frailty Unit (£1.5m), ENT OPD Facilities (£224k), NGH Contact Centre (£1.3m), NGH Road Exits (£800k). Estimate £1.5m slippage in current year
Hotel Services & Security Infrastructure	25,000						
Estates Infrastructure	381,000						Scheme savings uplifting envelope. Redeployment TBC
Ward Refurbishment Programme	0						
Non Clinical Public Environments	0						
Theatre Refurbishment Programme	5,500,000						Unplanned for 16/17 - Est £3954k. Cardiac Theatres case in development.
<b>Risks Expected to Emerge in Short-Term (not yet fully quantified/confirmed):</b>							
<b>Cost Increases to approved schemes:-</b>							
<b>a) Schemes previously advised completed:</b>							
- Unfunded schemes		77,000					As at 31 August 2016
<b>b) Ongoing Schemes/Schemes in development:</b>							
- WPH CT Scanner Replacements x2		58,000					Overspends on Steel Frame works £45k, Barco equipment £8k, £12k F&F, plus salary recharges, removal old equipment, etc.
- RHH/NGH CT Scanner enabling works		183,000	?				Cost pressure being quantified by Estates
- Available savings within Major Equipment Envelope		-141,000					Available offset to above two pressures
- 5th MRI Scanner, NGH		67,000					Pre-installation works costs Supplier quote £287k, top up requested £220k
- NGH TAU		13,000					Potential cost pressure
- CCDH Laboratory Refurbishment		?					Potential £30k cost pressure. Directorate commitment to manage within scheme
- WPH Ward Refurbishment/WAU		?					Ward 3 negative pressure need - cost to be quantified
- Huntsman Retail Facilities Phase 1		39,000					Canopy Walkway cost pressure
- ENT Outpatient Facilities		?	?				£244k - to be funded by Service Development once estate solution found
- Vickers 16/17 demolition costs/car park costs		?					To be funded by Service Development once solution confirmed. ? Tissue Viability
<b>Cost Reductions to approved schemes:-</b>							
- Haematology Side Rooms		-254,000					Cost plan projection £3113k against approved £3390k = £278k saving, of which £24k relates to donated funding
- Refurbishment 21 Claremont Crescent		-40,000					Potential savings being quantified by Estates
- NGH Generator Replacement		-20,000					Potential savings being quantified by Estates
<b>Subtotal - Expected Net Commitments/(Savings)</b>		<b>-18,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Slippage Risks:</b>							
- MEMG Operating Microscopes		-100,000	100,000				16/17 need still to be validated - Plastics bid not yet approved/project group not established

- MEMG CCVH Machines		-180,000	180,000				Potential for procurement process to result in revenue outcome as best VFM
- MEMG Gait Analysis Lab		-127,000	127,000				Delays in procurement process
- MEMG Respiratory Function Unit Machines		-178,000	178,000				Remaining NBV on potential replacement to be confirmed/Risk in supplies capacity to undertake procurement
- MEMG Neurosciences EEG machines		-600,000	600,000				Re EEG machine replacement programme/Risk in supplies capacity
- Major Equipment Programme - Unallocated		-160,000	160,000				Awaiting case from Neuro, dependent upon tender process/Risk in supplies capacity
- WPH MRI Scanner		?	?				Potential risk from delay in NGH MRI completion - now considered manageable
- SPEC-CT Gamma Camera Replacement		-456,000	456,000				Potential risk on workstation/processing network/data management system
- NGH Plain Film Rooms		-540,000	540,000				Discussion over ability to replace A&E equipment over winter. Risk in supplies capacity to undertake procurement
- Informatics Strategic and Corporate & IT Infrastructure		-4,000,000	4,000,000				Major proposed schemes not yet approved and several linked with N/R revenue need where cap may restrict timing of investment. Finance estimate of slippage
- Renal Information System		?	?				Scheme Go Live slipped from Dec 16 to Feb 17, IT capacity at risk
- Ophthalmology Clinical Data Management System		-78,000	78,000				Scheme on hold, pending case from Directorate
- STH Telephony Platform		-500,000	500,000				Finance Estimate only - Order expected to be placed Feb 16. ITT being issued Oct 16
- Service Development		-1,500,000	1,500,000				Estimate from remaining 16/17 envelope
- RHH Pharmacy Aseptic Unit		-50,000	50,000				Possible delay in enabling works re final two isolator deliveries in March 17
- Radiology C Floor		?	?				Further delay possible re reprovision of Dermatology Accommodation Room C51
- Bowel Cancer Screening		-34,000	34,000				Funding as yet not planned for spend
- NGH Cataract Unit		?	?				Scheme design/cost reductions causing delays in GMP
- Huntsman Retail Phase 2		-25,000	25,000				Dishwasher risk
- Estates Infrastructure		-381,000	381,000				Scheme savings uplifting envelope. Redeployment TBC
- Estates Infrastructure		?	?				Unplanned for 16/17 - Est £3954k - Reflected on 5yr plan
- WPH Ward Refurbishment		?	?				Ward 3 delayed start to end March 17. £530k works anticipated
- Laundry Modernisation (Iron Lines)		-270,000	270,000				Procurement commenced 10/10/16. Contract award planned Jan 17
- Hydrogen Peroxide Machines x3		-107,000	107,000				Procurement ongoing; Tenders issued 30/9/16
- RHH Main HV Generator Replacement		-150,000	150,000				Scheme issues
- K Floor Cooling		-20,000	20,000				
- Access Control Scheme		-210,000	210,000				Tender delays - risk of timetable slippage
		<b>-9,666,000</b>	<b>9,666,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Advancement Opportunities:</b>							
- MEMG Replacement Programmes - Stack Systems, Cardiac Ventilators, Intra-aortic Ballon Pumps, CUSA machines		?	?				Existing frameworks - need to be reviewed. Potentially restricted by supplies capacity
- Theatre Lights		?	?				Remaining plan being prepared. Options for advance to be considered
- NGH Road Exits		?	?				
- Automatic Number Plate Recognition		14,000	-14,000				Advance of Hotel Service Allocation
		<b>14,000</b>	<b>-14,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	



<b>Possible Contingencies:</b>	<b>2016/17</b>	<b>2017/18</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	
	<b>£</b>	<b>£</b>	<b>£</b>	<b>£</b>	<b>£</b>	
<b>Additional Income:</b>						
Charitable/Donated Funds	?	?	?	?	?	
National PDC Funding	?					National Technology Funding/Lorenzo "repurpose" Funding
GP Centre	1,500,000					Bid for U&EC 16/17 Capital Funding
SAC Works	105,000					Bid for U&EC 16/17 Capital Funding
ED Assessment Area (Inc. A&E Decontamination)	272,000					Bid for U&EC 16/17 Capital Funding
<b>Other:</b>						
Increase in Internally Generated resources/Re-invest I&E surplus	?	?	?	?	?	Low likelihood
Use of STH Cash balances	?	?	?	?	?	
Borrowing Facility	?	?	?	?	?	Proposal for Theatres to be outlined
Lease rather than purchase future Major Equipment	?	?	?	?	?	Revenue consequences
Potential reduction to ring fenced capital budgets	?	?	?	?	?	Review in progress as part of 2017/18 Capital Planning round
Removal prioritised schemes	?	?	?	?	?	
VAT recovery	?	?	?	?	?	
	<b>1,877,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	