

ITEM: 08/183

DOC: 4

Meeting: Trust Board
Date: 17 December 2008

Title: **Five-year capital programme**

Executive Summary: The attached program is a summary of the Trust five-year capital plan. The plan is a development of the programme originally outlined in the Trust Estate Strategy. Year one is provided in detail, years two to five are provided in outline shaded grey.

When reading the plan the following points should be noted;

- i. The programme is based upon an initial Capital Resource Limit of £5.736 million
- ii. The overall plan is congruent with The Trust Integrated Business Plan and is matched with relevant objectives
- iii. The plan meets the needs identified in the current Trust IM&T strategy
- iv. The plan has been assessed against the Trust risk register, and the Board Assurance Framework and is matched with relevant register entries
- v. The plan has been reviewed by the Hospital Management Board and approved by the Executive Committee
- vi. An additional £190,000 is being requested from charitable funds to assist with the purchase of medical equipment. This is the subject of a separate paper.

Action: The Trust Board is asked to review and approve the attached five-year capital plan

Report from: Philip Ient-Director of Estates and Facilities

Sponsor:

Financial Validation

Lead: Director of Finance

Name of finance officer

Richard Martin-Director of Finance

Compliance with statute, directions, policy, guidance

Lead: All directors

Reference:

<p>Compliance with Healthcare Commission Core/Developmental Standards</p> <p>Lead: Director of Nursing & Clinical Development</p>	<p>Reference:</p> <p>Sixth domain-Care Environment and Amenities;C20, C21</p>
<p>Compliance with Auditors' Local Evaluation standards (ALE)</p> <p>Lead: Director of Finance</p>	<p>Reference:</p> <p>level 2; 2.3.3, 2.2.4, 2.3.7</p>
<p>Evidence for self-certification under the Monitor compliance regime</p> <p>Lead: All directors</p>	<p>Compliance framework reference:</p>

WHITTINGTON HOSPITAL

CAPITAL PROGRAMME

2008-2014

Reference	Scheme	Business Case required?	Category	Integrated Business Plan reference	Risk Register Reference	Assurance framework register reference	Location	Current Year Programme Detail	2009-10	2010-11	2011-12	2012-13	2013-14
Premises, H&S, Backlog, Plant Replacement and Improvements													
Rolling Replacement Programme													
	Project management costs						Trust wide		140,000	140,000	140,000	140,000	140,000
P/2009/1	Roofing	N	Backlog	2. Delivering high standards of clinical care	08/138	4.1	Trust wide	C' block roofs	65,000	65,000	50,000	100,000	100,000
P/2009/2	Asbestos management programme	N	L&S	8. Providing a suitable environment for care	08/138	4.1	Various	Full resurvey of asbestos on site	10,000			15,000	
P/2009/3	Fixed wiring backlog	N	Backlog	8. Providing a suitable environment for care	08/138	4.1	Various	Replace feeder panel to sub station 'b'	35,000	50,000	75,000	79,000	80,000
P/2009/4	Security equipment	N	Backlog	2. Delivering high standards of clinical care	08/138	4.1	Various	Replacement of obsolete door access control system	50,000	25,000	25,000	30,000	50,000
P/2009/5	Flooring replacement	N	Backlog	2. Delivering high standards of clinical care	08/138	4.1	Various	Completion of flooring replacement to ED	20,000	30,000	30,000	30,000	50,000
P/2009/6	Various schemes to help comply with DDA	N	L&S	8. Providing a suitable environment for care	08/137	4.1	Main Site	Replace auto doors to labour ward and 'K' block	15,000	20,000	20,000	30,000	30,000
P/2009/7	Legionella Works	N	L&S	2. Delivering high standards of clinical care	08/138	4.1	Main Site	K' block, removal of deadlegs, install valves, improve insulation	40,000	40,000	40,000	40,000	40,000
P/2009/8	H&S miscellaneous arising from risk assessments	N	L&S	8. Providing a suitable environment for care	08/138	4.1	Various	Schemes prioritised by the Trust H&S advisor	45,000	45,000	45,000	50,000	50,000
P/2009/9	Irregular decorative finishes replacement programme	N	Backlog	2. Delivering high standards of clinical care	08/138	4.1	Trust Wide	Programme of regular environmental decorative finishes enhancements	25,000	50,000	100,000	100,000	100,000
P/2009/10	Energy Conservation measures	N	L&S	9. Being financially robust	08/138	4.1	Various	Upgrade of existing BMS and installing TMVs in Jenner.	50,000	50,000	50,000	50,000	50,000
P/2009/11	RRO 2005 regulations/ fire risk assessments	N	L&S	8. Providing a suitable environment for care	08/138	4.1	Trust wide	Replacement of fire doors and improvement to compartmentalisation C, D and E block	50,000	50,000	50,000	50,000	50,000
P/2009/12	External roadway repairs and resurfacing	N	Backlog	8. Providing a suitable environment for care	08/138	4.1	Various	Rolling programme to replace worn and damaged paving and road surfaces	65,000	50,000	50,000	100,000	100,000
P/2009/13	Fabric externals	N	Backlog	8. Providing a suitable environment for care	08/138	4.1	Various	Programme to refurbish externals to 'K' block and other Victorian Pavilions (depends on strategic development)			30,000	800,000	1,000,000
P/2009/14	Fire escape refurbishment	N	Backlog	8. Providing a suitable environment for care	08/138	4.1	Jenner, C and D	Detailed examination and refurbishment of external fire escapes throughout the Trust			50,000	50,000	400,000
P/2009/15	Heating and distribution systems	N	Backlog	8. Providing a suitable environment for care	08/138	4.1	Various				50,000	50,000	50,000
P/2009/16	Hot and Cold water services	N	Backlog	8. Providing a suitable environment for care	08/138	4.1	Various				29,000	40,000	40,000
P/2009/17	Sanitary Ware	N	Backlog	8. Providing a suitable environment for care	08/138	4.1	Various				30,000	30,000	30,000
P/2009/18	Lift replacement programme	N	Backlog	8. Providing a suitable environment for care	08/138	4.1	Various	Programme of lift replacement, K, D and E block			250,000	250,000	250,000
P/2009/19	'ology upgrades	N	Backlog	2. Delivering high standards of clinical care	08/138	4.1	K' level 5	Refurbishment to L5 'K' block - rolling programme			300,000	300,000	300,000
P/2009/20	OPD rolling refurbishment	N	Backlog	8. Providing a suitable environment for care	08/138	4.1	'K' block all levels	Refurbishment to Outpatient Clinics			240,000	290,000	446,000
P/2009/21	ED refurbishment	N	Backlog	2. Delivering high standards of clinical care	08/138	4.1	ED	Scheme to refurbish ED. Likely to be three years				150,000	150,000
Irregular maintenance/new build projects													
P/2009/21	K block Fire alarm system replacement	N	Backlog	8. Providing a suitable environment for care	08/138	4.1	Site wide	Rationalisation of whole site fire alarm system	60,000				
P/2009/22	Stores relocation to enable neuro-physio transfer from L2 'D'	N	Backlog	2. Delivering high standards of clinical care	08/138	4.1	C' block/ 'D' block	Relocate and centralise stores to old day surgery and neuro rehab to move from old gym to refurbished store	125,000				
P/2009/23	SSD instruments R&D based in Theatres	N	Service Development	2. Delivering high standards of clinical care	08/138	1.5	TBC	Required as part of SSD outsourcing; capital received from NWL project board 2007/8	100,000				
P/2009/25	Obstetric Theatre ventilation plant	N	Backlog	2. Delivering high standards of clinical care	08/138	4.1	'E' block	Replacement of obsolete and failing ventilation plant to Maternity	80,000				
P/2009/26	Endoscopy washers	N	Backlog	2. Delivering high standards of clinical care	08/138	4.1		Purchase of 2 number HTM compliant endoscopy washers	150,000				
P/2009/27	Fertility Services redevelopment	N	Backlog	2. Delivering high standards of clinical care	08/138	4.1	K' block	Improvements to accommodation arising from audit and inspection; anticipated costs c£70k. Scheme to be confirmed					
P/2009/28	Relocation of 'scope processing unit	N	Backlog	8. Providing a suitable environment for care	08/138	1.5	Theatres	Relocation of 'scope processing centre required to attain accreditation.	723,000				
P/2009/29	Boiler House Decentralisation (Ph 2)	N	Backlog	8. Providing a suitable environment for care	08/138	4.1	Boiler House	Final phase of decentralising boilers		800,000			
P/2009/30	Extension and development of Mary Seacole Ward (nominal £1,500,000)	Y	Improvement	2. Delivering high standards of clinical care		7.4	'K' block	Extension and development of Mary Seacole Ward - dependent on business case		1,459,000			
P/2009/31	Maternity General Improvements to all areas	N	Backlog	2. Delivering high standards of clinical care	08/138	4.1	D and E Blocks	Programme of works to refurbish, adapt and alter Ante natal clinics		740,000			
P/2009/32	HV ring main unit replacement sub station 'b'	N	Backlog	8. Providing a suitable environment for care	08/138	4.1	Sub station B	Replacement of ring main unit in sub station 'B'			50,000		
P/2009/33	GMs discretionary capital	Y	Improvement	4. Employing competent and motivated staff		4.1	Various	Capital available for GMs for discretionary improvements to non-clinical staff areas.			60,000	60,000	60,000
P/2009/34	Refurbishment of Cearns and Cearns Link	N	Backlog	2. Delivering high standards of clinical care	08/138	4.1	'E' block	Refurbishment, adaptation and alteration to Cearns and Cearns link			1,000,000		
P/2009/35	Installation of a/c unit for main automated analyser room 21.	Y	Improvement	8. Providing a suitable environment for care		4.1	Biochemistry					5,000	
P/2009/41	Bariatric fridge extension	Y	Improvement	2. Delivering high standards of clinical care		4.1	Mortuary					25,000	
P/2009/42	Alteration to the 'Blood Cubicles' to create a specialist reporting area	Y	Improvement	2. Delivering high standards of clinical care		4.1	Imaging						50,000
Total									1,848,000	3,614,000	2,764,000	2,864,000	3,616,000

WHITTINGTON HOSPITAL

CAPITAL PROGRAMME

Reference	Scheme	Business Case required?	Category	Integrated Business Plan reference	Risk Register Reference	Assurance framework register reference	Location	Current Year Programme Detail	2009-10	2010-11	2011-12	2012-13	2013-14
Medical Equipment													
Trust wide													
Rolling replacement programme													
E/2009/43	Moving and handling equipment	N	Replacement	2. Delivering High standards of clinical care	08/139	1.1	Various	Rolling allocation for manual handling includes bariatric equipment	20,000	10,000	20,000	20,000	20,000
E/2009/44	Plinths	N	Replacement	2. Delivering High standards of clinical care	08/139	1.1	Various	replacement of 5 general purpose plinths for physiotherapy	10,000	10,000	10,000	10,000	10,000
E/2009/45	Defibrillator & resus training equipment	N	Backlog	2. Delivering High standards of clinical care	08/139	1.1	Various	Self funding from income					
E/2009/46	Monitor replacement	N	Replacement	2. Delivering High standards of clinical care	08/139	1.1	Various	c70 specialist area patient monitors - anaesthetic monitoring 3 from framework agreement	60,000	60,000	190,000	190,000	190,000
E/2009/47	Weighing scales	N	Replacement	2. Delivering High standards of clinical care	08/139	1.1	Various	Replacement of 8 weighing scales - general locations	5,000	5,000	5,000	5,000	5,000
E/2009/48	Medical equipment library stock replacement	N	Replacement	2. Delivering High standards of clinical care	08/139	1.1	Various	Infusion devices, bariatric equipment, patient monitors, vacuum pumps etc	20,000		50,000	100,000	100,000
E/2009/49	Respiratory equipment	N	Replacement	2. Delivering High standards of clinical care	08/139	1.1	Various	Bird ventilators, lung function analyser, BiPap machines, sleep apnoea (adult)	20,000	20,000	20,000	20,000	20,000
E/2009/50	Camera stack replacements	N	Replacement	2. Delivering High standards of clinical care	08/139	1.1	Various	Replacement c10 stacks at £75k each with a 5 year life = 2 per year	130,000	100,000	150,000	150,000	200,000
E/2009/51	Endoscopes	N	Replacement	2. Delivering High standards of clinical care	08/139	1.1	Various	Rolling replacement programme c30 scopes@5 year replacement all specialties = £150K	150,000	150,000	150,000	150,000	150,000
E/2009/52	THEATRES general replacement fund	N	Replacement	2. Delivering High standards of clinical care	08/139	1.1	Theatres	General replacement of instruments, tables, trolleys, laser, harmonic scalpel, sentinel node biopsy	100,000	50,000	100,000	150,000	200,000
E/2009/53	NICU general equipment replacement fund	N	Replacement	2. Delivering High standards of clinical care	08/139	1.1	NICU	NICU equipment general replacement programme	50,000	50,000	50,000	100,000	100,000
E/2009/54	Diathermy machines (general)	N	Replacement	2. Delivering High standards of clinical care	08/139	1.1	Various	Replacement c15 machines at £15k = £35k per year		35,000	35,000	35,000	35,000
E/2009/55	Ultrasound equipment replacement	N	Replacement	2. Delivering High standards of clinical care	08/139	1.1	Various	c 30 consider MES @c£70k (20 already in MES)					
E/2009/56	Dinamaps	N	Replacement	2. Delivering High standards of clinical care	08/139	1.1	Various	General replacement programme across the Trust		10,000	10,000	10,000	10,000
Surgery and Cancer													
E/2009/57	NWL Instruments uncommitted from 2007/8	N	Service Development	2. Delivering High standards of clinical care		1.5	Theatres	Increase in stock of instruments as part of the requirement for the NWL decontamination project. Rolled forward from 07/08. Instruments to be centrally procured by NWL team.	500,000				
E/2009/58	Ophthalmology slit lamps	N	Replacement	2. Delivering High standards of clinical care	08/139	1.1	Ophthalmology	Replacement of 2 obsolete slit lamps and chairs	30,000	10,000	10,000	10,000	10,000
E/2009/59	Fundus Camera	N	Replacement	2. Delivering high standards of clinical care	08/139	1.1	Ophthalmology				60,000		
E/2009/60	Ventilator	N	Replacement	2. Delivering high standards of clinical care	08/139	1.1	Critical Care	ITU ventilators			50,000	25,000	25,000
E/2009/61	Field Analyser	N	Replacement	2. Delivering high standards of clinical care	08/139	1.1	Ophthalmology					12,000	
E/2009/62	Anaesthetic Machines	N	Replacement	2. Delivering High standards of clinical care	08/139	1.1	Theatres						200,000
Womens and Childrens													
E/2009/63	ENT camera Equipment	N	Replacement	2. Delivering High standards of clinical care	08/139	1.1	ENT clinic 4b	Replacement for obsolete equipment	25,000				
E/2009/64	UPS for NICU and SCBU	N	L & S	2. Delivering High standards of clinical care	08/139	1.1	NICU	Installation of UPS to NICU	35,000				
E/2009/65	CTG monitors	N	Replacement	2. Delivering High standards of clinical care	08/139	1.1	Maternity	Replacement c2 per year		25,000	25,000	25,000	25,000
E/2009/66	Infusion pumps	Y	Improvement	2. Delivering High standards of clinical care		1.1	Ifor Ward	5 volumetric pumps, 5 syringe pumps			35,000		
E/2009/67	Scanner	Y	Improvement	2. Delivering High standards of clinical care		1.1	EDPU	Refer to MES			70,000		
E/2009/68	Colposcope	N	Replacement	2. Delivering High standards of clinical care	08/139	1.1	Women's Health Clinic	Clinic 4c - women's health clinic				60,000	
Diagnostic and Scheduled Services													
E/2009/69	Staining machine	N	Replacement	2. Delivering high standards of clinical care	08/139	1.1	Histopathology	Replacement machine for obsolete instrument	47,000				
E/2009/70	Teaching microscope	N	Replacement	2. Delivering high standards of clinical care	08/139	6.1	Heamatology	3 headed teaching microscope with Digital camera				17,000	
E/2009/71	Microscope	N	Replacement	2. Delivering high standards of clinical care	08/139	1.1	Histopathology	General purpose replacement 'scope				5,000	
E/2009/72	Nuclear Medicine scanner	Y	Improvement	2. Delivering high standards of clinical care		1.1	Imaging	Consider MES					
E/2009/73	Mamatone	Y	Improvement	2. Delivering high standards of clinical care		1.1	Imaging	New machine. Business case required				30,000	
E/2009/74	Raymond Lamb Carousel	N	Replacement	2. Delivering high standards of clinical care	08/139	1.1	Histopathology	Replacement				10,000	
Medicine and therapies													
E/2009/75	Echo machines	N	Replacement	2. Delivering High standards of clinical care	08/139	1.1	Cardiology	1 of 2 replacement machines (first one purchased 08/09)	178,000				
E/2009/76	Mobile echo machines	Y	Improvement	2. Delivering High standards of clinical care		1.1	Cardiology	Mobile machine replacement for big less mobile devices	60,000				
E/2009/77	1 Portable and 1 transportable EMG machine	N	Replacement	2. Delivering High standards of clinical care	08/139	1.1	Neurophysiology	Machine currently under lease and so purchase will be a cost saving, the other is obsolete and needs replacing	48,000				
E/2009/78	3 x ECG writers	N	Replacement	2. Delivering high standards of clinical care	08/139	1.1	Various	replacement of obsolete machines Trust wide	30,000		60,000		60,000
E/2009/79	Treadmill	N	Replacement	2. Delivering high standards of clinical care	08/139	1.1	Cardiology	Replacement of obsolete equipment	10,000				

WHITTINGTON HOSPITAL

CAPITAL PROGRAMME

Reference	Scheme	Business Case required?	Category	Integrated Business Plan reference	Risk Register Reference	Assurance framework register reference	Location	Current Year Programme Detail	2009-10	2010-11	2011-12	2012-13	2013-14
E/2009/80	3 x Patient Trolleys	N	Replacement	2. Delivering High standards of clinical care	08/139	1.1	ED	General replacement for obsolete devices	10,000	10,000	10,000	10,000	
E/2009/81	Short wave therapy machine	N	Replacement	2. Delivering High standards of clinical care	08/139	1.1	Physiotherapy			12,000			
E/2009/82	Ventilator	N	Replacement	2. Delivering high standards of clinical care	08/139	1.1	ED					15,000	
									1,538,000	557,000	1,172,000	1,097,000	1,360,000

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CAPITAL PROGRAMME

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IM&T

Rolling replacement Programme													
	Project management costs	N	Backlog						200,000				
I/2009/83	Infrastructure renewals (network and servers)	N	Backlog	2. Delivering high standards of clinical care	08/138	1.1	Trust-wide	Infrastructure renewals for servers as they go out of warranty and improvements to network resilience and security	50,000	50,000	50,000	50,000	50,000
I/2009/84	Purchase of PCs and printers	N	Backlog	2. Delivering high standards of clinical care	08/138	1.1	Trust-wide	100 PC's	200,000	200,000	200,000	200,000	200,000
I/2009/85	Network resilience	N	Backlog	2. Delivering high standards of clinical care	08/138	1.1	Trust-wide	Improvements to existing network to improve resilience	25,000	25,000	25,000	25,000	25,000
I/2009/86	Telecommunications upgrade and resilience	N	Backlog	2. Delivering high standards of clinical care	08/138	1.1	Trust-wide	3 projects to replace 6 x legacy consoles in the switchboard ; improve resilience on the Mitel VoIP switch ; improve resilience on the Call Centre hardware	25,000	25,000	25,000	25,000	25,000
I/2009/88	Roll out VoIP	N	Backlog	2. Delivering high standards of clinical care	08/138	4.1	Trust wide	Replacing legacy analogue phones with new Voice over IP technology so legacy system becomes back up. 3-year programme		30,000		30,000	30,000
I/2009/89	PACS	Y	Backlog	2. Delivering high standards of clinical care	08/138	1.1	Trust-wide	Replacement of PACS system on expiry of current agreement in January 2009		150,000	150,000		
I/2009/90	Replacement of PAS	N	Backlog	2. Delivering high standards of clinical care	08/138	1.1	Trust-wide	PAS contract expires March 2012, supplier withdrawing from NHS market				500,000	
I/2009/93	Business Developments												
I/2009/94	Wireless network	Y	Improvement	2. Delivering high standards of clinical care		1.1	Trust-wide	Essential infrastructure required for new mobile applications like Barcode wristbands, RFID blood transfusion and Vocera	300,000				
I/2009/95	Vocera mobile devices	Y	Improvement	2. Delivering high standards of clinical care		1.1	Trust wide	Real time comms between clinicians will reduce clinical risk and improved efficiency	75,000	75,000			
I/2009/96	RFID tagging for medical equipment and blood transfusion	Y	Improvement	2. Delivering high standards of clinical care		1.1	Trust wide	Real time tracking of equipment and blood transfusion products will reduce clinical risk and improved efficiency	50,000				
I/2009/97	Patient Survey system	Y	Improvement	2. Delivering high standards of clinical care		3.1 & 3.2	Trust Wide	Real time data collection of patient feedback and experiences	26,000				
I/2009/98	Wireless tablets	Y	Improvement	2. Delivering high standards of clinical care		1.1	Trust wide	Enable e-ordering and prescribing, view patient records etc	30,000	30,000			
I/2009/99	iCHART paperless record in ED	Y	Improvement	2. Delivering high standards of clinical care		1.1	ED	Paperless ED	75,000				
I/2009/100	Blood products tracking system	Y	Improvement	2. Delivering high standards of clinical care		1.1	Haematology	Vein to vein IT system for the transfusion of blood and blood products	150,000				
I/2009/108	e-prescribing	Y	Improvement	2. Delivering high standards of clinical care		1.1	Trust wide	Reduce adverse drug events by providing alerts on Drug interactions and dosage plus an electronic record of medicines management	195,000				
I/2009/109	Electronic Patient Record in ITU	Y	Improvement	2. Delivering high standards of clinical care		1.1	ITU	EPR for patients in ITU, to prevent transcription errors in manual handling of data and to alert clinicians to change in patient status			200,000		
I/2009/110	Business Intelligence reporting tool	Y	Improvement	2. Delivering high standards of clinical care		7.1	Trust-wide	Trust wide electronic reporting tool providing real time operational and management information to all staff			100,000		
I/2009/111	e-document management	Y	Improvement	2. Delivering high standards of clinical care		1.1	Trust-wide	Scanning of paper records and making them available on demand electronically			230,000	280,000	
									1,401,000	585,000	980,000	1,110,000	330,000

WHITTINGTON HOSPITAL
CAPITAL PROGRAMME 2008/10

Financial Summary						
Capital Programme	2009/10	2010/11	2011/12	2012/13	2013/14	
Main Programme	£ 5,736,000	£ 5,936,000	£ 6,136,000	£ 6,336,000	£ 6,536,000	
Additions to the CRL						
Charitable funding request for environment investment	£ 190,000					
Totals	£ 5,926,000	£ 5,936,000	£ 6,136,000	£ 6,336,000	£ 6,536,000	
Applications	2009/10	2010/11	2011/12	2012/13	2013/14	
Main Programme						
Premises, Health and Safety, Backlog and DDA	£ 1,848,000	£ 3,614,000	£ 2,764,000	£ 2,864,000	£ 3,616,000	
Medical Equipment	£ 1,538,000	£ 557,000	£ 1,172,000	£ 1,097,000	£ 1,360,000	
IM&T	£ 1,401,000	£ 585,000	£ 980,000	£ 1,110,000	£ 330,000	
Main programme total	£ 4,787,000	£ 4,756,000	£ 4,916,000	£ 5,071,000	£ 5,306,000	
PFI residual interest	£ 1,139,000	£ 1,180,000	£ 1,220,000	£ 1,265,000	£ 1,230,000	
Cumulative Total	£ 5,926,000	£ 5,936,000	£ 6,136,000	£ 6,336,000	£ 6,536,000	
Over / undercommitment	£ -	£ -	£ -	£ -	£ -	