Board of Directors 31 January 2024

Title:	RAAC Eradication from Harrogate District Hospital (HDH) Block C, Therapy Services			
Responsible Director:	Matt Graham, Director of Strategy			
Author:	Matt Graham, Director of Strategy			
Purpose of the report and summary of key issues:	To seek Board approval of the Business Case to era RAAC from Block C, Therapy Services, by demolition rebuild of the Block with an estimated capital cost of £xxxxxx including £xxxxxx national RAAC capital fund This will enable the Business Case to be submitted England for approval and allocation of capital fundir	on and f unding. to NHS		
Trust Strategy and Strategic Ambitions	The Patient and Child First Improving the health and wellbeing of our patients, children ar communities	nd		
	Best Quality, Safest Care	Х		
	Person Centred, Integrated Care; Strong Partnerships			
	Great Start in Life At Our Best: Making HDFT the best place to work	X		
	An environment that promotes wellbeing	X		
	Digital transformation to integrate care and improve patient, child and staff experience			
	Healthcare innovation to improve quality			
Corporate Risks	CHS8 RAAC Roofing at HDH			
Report History:	Resources Committee, 31 Mar 24			
Recommendation:	The Board is recommended to approve this Business Case to eradicate RAAC from Block C, Therapy Services, by demolition and rebuild of the Block with an estimated capital cost of \pounds xxxxxx including \pounds xxxxxx national RAAC capital funding.			



RAAC Programme Short Form Business Case Template £5m - £15m Schemes / Fail-Safe Investment +£5m

SECTION 1: SCHEME OVERVIEW			
SCHEME DETAILS	S		
Region: STP / ICS Name:			North East & Yorkshire
		Name:	Humber & North Yorkshire
	Lead Orga Scheme:	anisation for the	Harrogate and District NHS FT (HDFT)
PROJECT DESCRIPTION	Title of the	e Scheme:	RAAC Eradication from Harrogate District Hospital (HDH) Block C, Therapy Services
	One Line Scheme:	Description of the	To eradicate 1266 RAAC panels by demolition HDH Block C, Therapy Services, and rebuild of a new block in its place.
	Specific S	ites for Investment:	HDH
	-	anisations Impacted	None
BRIEF SCHEME OVERVIEWSummarise the key dimensions of the scheme in terms of the outputs that will be enabled in service terms as a consequence of the investment.Freedemolition of the scheme in terms of the outputs that will be enabled in service terms as a consequence of the investment.Freedemolition of the scheme in terms of the outputs that will be enabled in service terms as a consequence of the investment.Freedemolition of the scheme in terms of the outputs that will be enabled in service terms 		of the 23/24 HDFT RA 20 Dec 23. This scheme is to und (plus provision for roof 1266 RAAC panels an maintenance which wo Facet survey undertak Project plannin Planning appli Pre-demolition Retraction of Reprovision of Demolition of For the rebuild the sch Project plannin Design of the Build of the new The fit out of the new b	ted to new locations in the community or on the HDH site as part AC Programme of Works (PoW) approved by NHS England on ertake the demolition of Block C and rebuild of a new 2 storey if top plantrooms), 4000sqm block in its place. This will eradicate d also eradicate £ XXXXX of non-RAAC related backlog build otherwise be required to Block C (as identified by the 7 ten in 2022). For demolition, the scheme includes: ang of the demolition itication for demolition is surveys (eg asbestos) all services (IT, electric, water) if a main server room for the HDH site which is located in Block C Block C and removal of all waste. meme includes: ang of the design and build of the new block shell of the new block, including essential services ew block up to the point it is ready for fit out as clinical space. e is £ XXXXX, including £ XXXXX of central funding. block will be developed as a separate scheme, addressing wider ents such as the development of the imaging department, and

increasing elective capacity. These will be undertaken as separate projects using non-
RAAC capital funding.

LEAD ORGANISATION DETAILS				
	Title	Director of Strategy		
	Name	Matt Graham		
SENIOR RESPONSIBLE	Organisation	HDFT		
OFFICER (SRO) DETAILS	Office tel.	07780 702124		
	Mobile tel.	07780 702124		
	e-mail	matthew.graham3@nhs.net		

APPENDICES CHECKLIST	
APPENDIX	COMPLETED / ATTACHED (Y/N)
Appendix 1 – Schedule of Works	To be completed
Appendix 2 – OB Forms	Not Applicable (TBC)
Appendix 3 – Key Estates Information	Yes
Appendix 4 – VFM template	To be completed
Appendix 5 – Site Plan showing the location of Block C	Yes

SECTION 2: RAAC PROGRAMME SPECIFIC INFORMATION REQUESTS

RAAC Buildings Eradicated						
			r of Buildings from			
Please provide the numbers of buildings from which RAAC is	Building Na Block C	me 1	2024/25	2025/26	2026/2	27 onward
to be eradicated through the						
scheme						
Number of RAAC planks impacted	1266 RAAC p	anels				
Please set out the number RAAC planks impacted by the scheme(s) of works.						
		I	Backlog Maintena	nce Eradicate	ed (£k)	
	Current Rat	ing	2024/25	2025/2	26 2026	6/27 onward
	High					
Value of Backlog Maintenance eradicated	Significant		922			
	Medium		544 216	42 63	176 155	
Please provide the value of	Low		210	03	155	
backlog maintenance. Works costs only as per the ERIC definitions.	required to HE	DH Block	relate to the value C as assessed by e cost of replacing	the most recer	nt (2022) 7 Fac	et Survey.
m2 Cost for Failsafe				to the data set		
Please set out the costs per m2 of the fails safe systems associated with the scheme.		e – no taii	safe systems inclu	aea in this sch	eme.	
			Building RA	AC Risk Ratin	g	
	Building	Curren	t			2026/27
	Name	Rating	2023/24	2024/25	2025/26	onward
RAAC Risk reduction profile	Block C	High	High	Low	Eradicated	Eradicated
KAAO KISK reduction prome						
Please set out the risk rating associated with the building as the scheme progresses.	The 23/24 scheme to relocate all clinical services out of Block C will reduce the risk to Low by removing patients and staff from a RAAC roofed building. This 24/25 scheme will eradicate the RAAC and so eradicate the risk from 25/26 onwards.					
	corridors, two	plant roo	H (energy centre, e ms and two fire-es e will be submitted	capes) is not a	iffected by this	scheme. A

SECTION 3: PROJECT DELIVERY OVERVIEW				
DELIVERABILITY ASSESSMENT				
	The scheme will be delivered under the P23 framework ar appointed as Principal Supply Chain Partner.	nd <mark>XXXXXX</mark> has been		
DELIVERY AND TIMETABLE	Task Pre-construction period starts	Date Nov 23		
Please set out the anticlpated commercial and procurement route, and provide a simple timeline with	Demolition planning application Demolition surveys Mini-GMP for demolition Rebuild planning application	Jan 24 Feb-Mar 24 Mar 24 Mar-Jun 24		
key milestones for the procurement and delivery of the scheme	Complete decant of services from Block C Tender demolition contractors Pre-demolition works	Apr 24 Mar-Apr 24 Apr-Jun 24		
	Demolition of Block C Complete rebuild pre-construction period GMP for rebuild Mobilisation for rebuild Rebuild of Block C Shell	Jun–Sep 24 Jul 24 Jul 24 Jul-Sep 24 Sep 24- Aug 25		
RISKS TO DELIVERY Please set out the potential risks to delivery and mitigating actions to address these.	 Completion of service decant on time to enable demoldecant are already well developed and enabling works. There has been extensive clinical and operational engabout their future locations. Access for HGV onto and off the site to remove debrist to deliver materials for the rebuild – mitigated by one wittiming arrivals to avoid the busiest times for patients Approval of planning for the rebuild – the new building existing building and is between two taller buildings. I so the highest areas are furthest away from the site box of the rebuild – curren allowances for risk through optimism bias and plannin is expected to be reduced through the pre-construction engineering will be undertaken to ensure an affordable money build. 	s start imminently. gagement with teams from demolition and way system and is replacing an ts design is planned oundaries. it costs included g contingency. Risk n phase and value		
PLANNING ASSUMPTIONS Please set out the current planning position, and the steps that will be taken to ensure appropriate planning permission is in place.	Advice from our planning consultants XXXXXX is that demolition will be possible under permitted development and we have applied to North Yorkshire Council for confirmation. This will be in place before demolition itself begins. Planning permission for the build of the new block will be sought, via our planning consultants, from North Yorkshire Council.			
PROVIDER CAPACITY AND CAPABILITY	SRO is an experienced NHS Executive Director with good oversight of major projects.			
Please provide a brief overview of the experience of the SRO and Exec Team accountable for the project.	The project will be managed by the Trust's estates team (owned subsidiary Harrogate Integrated Facilities). The es an experienced engineer and estates professional who pre the subsidiary of QE Hospital Gateshead.	tates team is led by		

The Trust team (including HIF) is supported by external consultants Turner and Townsend for project management, cost and value for money advice.
Pre-construction is being delivered by a consortium of architects and consulting engineers led by XXXXXX under a XXXXXX contract.

SECTION 4: FINANCIAL OVERVIEW These Tables can be provided in Excel Form. If a proposal involves multiple Providers, these Tables will need to be completed for <u>each individual Provider</u>.

FUNDING SOURCES		
	DHSC PDC £	xxxxxx
PLEASE SET OUT ALL FUNDING SOURCES FOR THE PROJECT	Other (please specify) £	xxxxx
	Total £	xxxxxx

Financial tables redacted

Notes:

- 1. There is no incremental revenue impact of this scheme since it replaces Block C with a new building shell. The incremental income and costs will be addressed in future business cases for the fit-out of the building.
- 2. There is no operating income associated with this business case because it is only to replace the current Block C with a new building shell. Separate business cases are being developed to fit out the building to provide new theatres, treatment rooms, day case ward and imaging department; these business cases will include income from patient care activities.
- 3. There are no employee operating expenses associate with this business case because it is to replace the current Block C with a new building shell. Separate business cases are being developed to fit out the building to provide new theatres, treatment rooms, day case ward and imaging department; these business cases will include employee expenses for the delivery of patient care activities.

STATEMENT OF COMPREHENSIVE NET INCOME – to be completed by Finance following Trust Board Whole Trust Position including the Investment over the Appraisal Period

	2022/23 £'000	2023/24 £'000	2024/25 £'000	2025/26 – 2034/25 £'000	Total £'000
Operating income from patient care activities					
Other operating income					
(Employee expenses)					
(Operating expenses excluding employee expenses)					
Less Cash Releasing Benefits					
Operating surplus / (deficit)					
Finance Income					
(Finance Expense)					

RAAC Programme - Short Form Business Case: £5m - £15m Schemes

(PDC Dividends Payable)			
Investment Revenue			
Other Gains / (Losses) (including			
disposal of assets)			
Gains / (Losses) on transfers by			
absorption			
Retained surplus / (deficit)			
Adjustments (including PPA, IFRIC			
12 adjustment)			
Adjusted financial performance			
retained surplus / (deficit)			

SECTION 5: FIVE CASE MODEL PROJECT DETAIL

STRATEGIC CASE					
a) Please set out the strategic rationale and case for change.	 Block C, Therapy Services, at Harrogate District Hospital (HDH) has an entirely RAAC roof consisting of 1266 panels, which is approiximately 50% of all the panels on the HDH site. The aim of this business case is to eradicate this RAAC by the relocation of all services currently in Block C, followed by its demolition and rebuild. Having relocated the services, the rebuilt block unlocks a central area of the HDH site which will provide the opportunity to: Deliver a new imaging department to improve quality, patient experience and productivity of diagnostic services at HDFT. Deliver new day case theatres, treatment rooms and ward to increase elective activity in order to reduce patient waiting times for elective care 				
 b) Please explain how this scheme will contribute to the delivery of the programme aims. 	The aims of the national RAAC programme are to reduce the risk from RAAC in the NHS and ultimately to eradicate RAAC from the NHS estate. By eradicating the 1266 RAAC panels in HDH Block C, this scheme will reduce the amount of RAAC at HDH by 50%. It will eliminate the risk from RAAC in Block C which significantly reduces the risk from RAAC at HDH overall.				
 c) Provide confirmation of stakeholders e.g. support from clinicians, commissioners and STP / ICS accountable officers (formal letters of support to be appended to this business case template). 	To be completed following Trust Board approval.				
d) Please outline the investment objectives for the project.	To eradicate RAAC from HDH Block C (1266 panels, 50% of RAAC at HDH) and to reprovide space for subsequent strategic developments. The current priorities are improving imaging services and increase elective capacity.				
	The proposed approach of demolition and rebuild fits with the Trust's estates strategy.				
 e) Please confirm fit with estate strategy. 	Block C, Therapy Services, is centrally located in the HDH site with internal access from the main hospital street and external access from a perimeter road (see Appendix 5). Redevelopment of this location through this scheme unlocks this area of the site to enable significant improvements to quality, patient experience and productivity in imaging services and increased elective capacity.				
	HDH is a landlocked site surrounded by roads, residential areas and the Harrogate "Stray" which is protected by its own act of Parliament and is managed by the Duchy of Lancaster. There is no scope to expand the site and it is already intensively developed with very little undeveloped space. Site utilisation stands at 100%, as outlined in ERIC and Model Hospital information. The ability to unlock a central area of the site through this scheme offers an exceptional opportunity to improve and expand our services. It also provides space for further opportunities to redevelop other areas of the site.				

ECONOMIC CASE	
a) Please submit a VFM template with this business case template.	See Appendix 4 – to be completed following Trust Board approval
 b) Please provide an incremental VFM analysis that shows the VFM ratio (Net Present Social Value) for Business As Usual and the preferred option and provide an explanatory narrative on the VFM analysis. 	To be completed following Trust Board approval
	Options considered:
 c) Provide a narrative on: The options considered to achieve the scheme's objectives, including business as usual. The process through which the long-list of options was narrowed down to the preferred option. The main costs, benefits and risks for the Business As Usual and preferred option. The appraisal period for the scheme. 	 Do Nothing. Due to the presence of RAAC in Block C, do nothing was discounted as an option. Do Minimum – Failsafe Works. A do minimum option of implementing failsafe works to the whole of Block C was considered. Block C is an old part of the site with a sub-optimal layout for the delivery of clinical services and requiring significant backlog maintenenace (XXXXX), not including the requirement to address the risk from RAAC. This does option does not address the sub-optimal layout, the backlog maintenance nor unlock a key area of the site for future development (see above on Estates Strategy and site plan in Appendix 5). The cost of option 2 is estimated to be £ XXXXX, including £ XXXXX for relocation of the services. While this is less than Options 3 and 4, it does not eradicate the RAAC and does not deliver any of the benefits of Option 4. RAAC Eradication by full Roof Replacement on the Existing Building. This option retains the existing Block C with its current suboptimal layout for the delivery of clinical services. It does not address backlog maintenance in Block C and does not unlock a key area of the HDH site for future development. To implement this option all services would need to be relocated out of the building for the duration of the works in the same way as for option 4. The cost of option 3 is estimated to be £ XXXXX, including XXXXX to relocate the services. While this is similar to the cost of demolition and rebuilding of a single storey 2000sqm block in Option 4, it does not address the XXXXX of backlog maintenance. Therefore Option 3 was not our preferred option. RAAC Eradication by Demolition and Rebuild. In this option Block C is demolished and rebuilt which eradicates the RAAC, eradicates XXXXX of backlog maintenance and unlocks a key area of the site for redevelopment in future schemes. As for the other option, relocation of the building shell is estimated at XXXXX for a single storey 2000sqm or XXXXX for a single storey 2000sqm or the s

d) Confirm inflation, VAT, depreciation, PDC are excluded from the economic analysis.	Yes Harrogate Integrated Facilities, the trust's wholly owned subsidiary, provides the trust with an operated healthcare facility. The VAT position of HIF is regularly reviewed by our advisors "Liaison Finacial" and has been confirmed by HIF's auditors.
COMMERCIAL CASE	
 a) Please set out the commercial and procurement route, e.g. P22. 	P23. Principal supply chain partner, XXXXXX has been appointed.
b) Set out the basis of the negotiated position, including the final price for the works.	As part of the P23 process XXXXXX has produced cost estimates for the demolition and rebuild of Block C. These have been reviewed by the Trust's project manager and cost advisors, Turner and Townsend, and are the basis of the capital funding requested in this business case.
	As the pre-construction period progresses these cost estimates will be refined and guaranteed maximum prices (GMP) agreed with XXXXXX for the demolition and rebuild of Block C. The programme plan includes timescales and deadlines for negotiation and agreement of the GMPs.
c) Confirm status of any legal documentation or processes required for the scheme to be delivered in full and what (if anything) remains to be agreed.	Permitted development approval for demolition of Block C – already applied for in anticipation of buinsess case approval because confirmation of planning approval is on the scheme's critical path.
	Planning permission for rebuild of Block C – our planning consultants are in informal discussion with North Yorkshire Council planners. The application for planning permission will be submitted in March 2024 with the expectation of a 15 week decision process leading to a decision in Jun 24.
	P23 GMPs to be agreed with XXXXXXX for demolition and rebuild of Block C – programme plan includes timescales and deadlines for negotiation and agreement.
d) We assume that Modern Methods of Construction (MMC) will be used for new builds. Please provide details of how MMC will be utilised.	An optioneering report has been produced by XXXXXX considering a modular construction and a steel frame construction. Based on the following considerations a steel frame has been recommended:
	 Size limitations of the modules makes it difficult to create spaces of the required sizes for optimum clinical spaces, flow through the facility and minimum clear ceiling height of 3m. Modular construction reduces future flexibility for change of use and expansion. Site restrictions make installation of modules complex and challenging Modular approach is significantly more expensive than steel frame
	 Modular approach is significantly more expensive than steel frame approach. On the basis of the above, a steel frame construction has been chosen for the rebuild of Block C.
e) Confirm contribution to carbon reduction plan (if applicable).	The rebuilt Block C will contribute to the Trust's carbon reduction plans since it will be more energy efficient than the building it replaces.

FINANCIAL CASE	
a) Please provide narrative to support the detail provided in Section 4 (above).	 The costs shown in section 4 are made up of: £ XXXXX of demolition costs. This includes XXXXX for removal of asbestos and relocation/disconnection of services (IT, electricity, water, gas) and XXXXX for the demolition XXXXXX to build the shell of a new, two storey, 4000sqm building. This includes costs for stair cores, lift and plant rooms. The figures include: Optimism bias at 10% of the works, fees and non-works costs Planning contingency at 2.5% of the works, fees, non-works costs and optimism bias Inllation is included in the works and fees costs; inflation on the non-works costs, optimism bias and planning contingency is added at 5%
b) Please explain any incremental revenue consequences of the investment and how they can be mitigated.	There are no incremental revenue consequences of this scheme. Subsequent business cases for the fit-out of the floors as clinical space will address their incremental revenue consequences.
 c) Are there are any cash flow issues, such as fees, enabling works, that require early funding? 	No. Funding for all fees and enabling works are included in this business case.
 d) Confirm that the project can be managed within existing funding envelopes. 	Yes
e) Confirm and demonstrate that the recurrent revenue cost of the scheme is affordable.	There are no recurrent revenue costs of this scheme. Subsequent business cases for the fit-out of the floors as clinical space will demonstrate the affordability of their recurrent revenue costs.
 f) Confirm the trust has assessed and is able to fund lifecycle costs to keep the facility at condition B. 	Yes.
MANAGEMENT CASE	
 a) Confirm the arrangements for the management and delivery of the scheme. 	The scheme will be managed and delivered by our P23 principal supply chain partner, XXXXXX, (the senior supplier) overseen by the estates and engineering teams in the Trust's wholly owned subsidiary, Harrogate Integrated Facilities (HIF) (project executive). The Trust's Planning Team will act as senior customer for the project to ensure that clinical and operational requirements are met. A project governance structure is in place to manage the project which feeds into the Trust's overall governance via the Environment Board which is chaired by the Director of Strategy, who is the Executive Director lead for the Trust's
 b) Confirm the key risks to delivery and measures to mitigate and manage these risks. 	estates capital programme. The Environment Board is responsible for governance of the estates capital programme and feeds into the Trust's Senior Management Team and Resources Committee. See section 3 above

 c) Set out the benefits realisation strategy and how the Trust intend to monitor and report on benefits. 	The main benefit of this scheme is the eradication of 50% of the RAAC on the HDH site which will be achieved by demolition and rebuild of Block C.	
	An additional benefit is that the scheme unlocks a central area of the HDH site for further development through separate schemes to improve the quality, patient experience and productivity of imaging services and to increase elective capacity in order to reduce patient waiting times for planned care.	
 d) Set out the expectations for Post- Project Evalution, and the expected timescales for the review of delivery. 	The Trust has an established Post Project Evaluation process. PPEs are completed 12 months after completion of the project and, for major projects, reviewed by the Audit Committee.	

Appendix 1 – Schedule of Works (to be attached by Trust)

Appendix 2 – OB Forms (to be attached by Trust)

Appendix 3 – Key Estates Information

KEY ESTATE METRICS				
Total Area of Building m ²	4000			
New build clinical GIA m ² and % of total GIA	3300 (82%)			
New build non-clinical GIA m ² and % of total GIA	700 (8%)			
Refurbishment clinical GIA m ² and % of total GIA	Not applicable			
Refurbishment non-clinical GIA m ² and % of total GIA	Not applicable			
No. of beds and type	Not applicable			
 PFI Estate Implications Is the build on an existing PFI Estate? Does the build interface with any PFI Estate? Are there any other implications with the PFI Contract that need to be considered? 	No PFI implications			
MMC (Modern Methods of Construction) Status. Percentage to be achieved and brief overview	None			
Summary of any significant derogations and assurance (derogations template is available)	None			
£ Reduction in BLM	xxxxxx			
Any temporary accommodation required – provide details	No – relocation of services within the existing Trust site or to permanent new locations			
Is a land purchase required – provide details	No			
Is this an owned or leased facility – provide details if leased	Owned			
Stage of design development and trust approval (please attach design drawings)	RIBA 2 Demolition and rebuild of shell approved by Trust Board Drawings of new building shell to be provided			
Estimated average lifecycle costs £/m2 over asset life	ТВС			