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Swansea Bay University
Health Board



Meeting Date	01 July 2021	Agenda Item	2.2
Report Title	Singleton Hospital Cladding Replacement Progress Report Update		
Report Author	Simon Davies, Assistant Director of Strategy – Capital Mark Parsons, Assistant Director of Health & Safety		
Report Sponsor	Siân Harrop-Griffiths, Director of Strategy Christine Williams, Interim Director of Nursing & Patient Experience		
Presented by	Mark Parsons, Assistant Director of Health & Safety		
Freedom of Information	Open		
Purpose of the Report	<p>To update the Health Board on key elements of the Singleton Hospital Cladding position to include: -</p> <ul style="list-style-type: none"> • Work completed to date, • Next steps and details of the planned construction stage programme 		
Key Issues	<p>Following ARUP’s Fire Engineers site inspections and investigation of the existing cladding system at the hospital, it was concluded that two types of cladding system had been installed, both above and below the window openings, and on the external column lines. The flank walls had a terracotta tile rain screen system, which was removed in the first phase of work undertaken from July to December 2019.</p> <p>On the basis, that both cladding systems contained combustible materials and no cavity barriers were observed within either system it was concluded that neither was compliant with the required Welsh Health Technical Memoranda (WHTM 05-02) or Approved Document B. Concerns were also raised over structural detailing and workmanship.</p> <p>Welsh Government funding position is to support early enabling works package and main cladding replacement.</p> <p>Due to Covid surge and Winter bed pressures the designated decant areas will not be available at the beginning of April. As a result, there will be a slight delay to the programme.</p>		

	South Wales Fire and Rescue Service may still issue a Fire Enforcement notice on Central ward block due to the current risk of fire spread.			
Specific Action Required <i>(please choose one only)</i>	Information	Discussion	Assurance	Approval
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Recommendations	<p>Board Members are asked to: -</p> <ul style="list-style-type: none"> • NOTE the governance around full technical compliance obtaining full planning approval and submission – planning approval received August 2020 • NOTE enabling car park works completed June 2021 and the main cladding works progress and removal of the existing cladding on 26th May 2021. 			

SINGLETON HOSPITAL CLADDING REPLACEMENT (PHASE 2) UPDATE

1. BACKGROUND

Following the initial consultancy and investigatory works undertaken by Arup in late 2017/early 2018, an options appraisal was completed by Arup and issued in March 2019. The purpose of the initial options appraisal was to identify feasible options and supporting cost estimates for removing and replacing the cladding systems and associated work.

The works have progressed in a phased approach with the removal of the cladding from the flank walls (Phase 1) completed in December 2019. Internal audit have subsequently undertaken a review of the project, and issued a 'Reasonable Assurance' rating.

Enabling works to provide increased car parking capacity to offset parking losses due to contractor site set up during the work is due to be complete in April 2021.

2. WORK COMPLETED TO DATE

The contract start date was the 1st March 2021 and scaffolding to Phase 1 [Grid lines 35-47] began erection on the 8th March as programmed. The SCP advised that, due to a temporary works design issue, the first hoist erection had been delayed resulting in a consequential delay to the access date into Wards 12B/10B. The delay of two weeks has been accommodated by the operational team / clinical teams at Singleton Hospital with access to these wards for the SCP being available on the 26th April as requested.

On the 5th May the SCP advised that due to issues arising from an internal fire report the works had been suspended following consultation with their H&S advisors. The issue being fire alarm sounders and connections to the existing hospital fire system. The use of manual fire alarm points, installed on the scaffolding, has been agreed as the solution with telephone contact being made between the Kier site staff and the hospital switchboard in case of emergency either within the hospital or the external works. The works resumed on the 17th May.

During May high winds were experienced onsite which led to the works being further suspended for three days. Safety precautions preclude works from scaffolding if the wind speed exceeds 35 mph.

The SCP has issued a revised programme, revision 09, which has been accepted detailing the impact of the delays, excluding the loss of three days for weather conditions, but with no alteration to the contract completion date. This has been possible following rescheduling of works activities.

Removal of the existing parapet cladding, above Ward 12B, commenced on the 26th May with initial photographs being circulated for information. Testing of the panels to

the existing parapet has shown that asbestos has not been found and the material can be removed without further protective measures being installed.

Problems have been encountered in establishing the enclosure within which the asbestos works (cladding removal) will be carried out due to the winds encountered. A strengthened construction is to be installed and smoke tested on the 1st June which has enabled the asbestos works (cladding removal) to commence.

The works required within the Neonatal and High Dependency wards are beginning to be reviewed to identify the impact and to inform the works required to be carried out during Phases 3 and 4 of the contract. Further detail of the existing services and discussions regarding the decanting of these wards will continue to enable a detailed programme to be agreed with all parties. This will be very challenging to move the Neonatal High Dependency Unit but we are working closely with the unit director and operational team to make this happen and prevent any potential delays.

PROGRAMME AND KEY MILESTONES

The current accepted programme as included within the Confirmation Notice 1B is Rev 9. This programme details Construction stage activities. Key dates which are included within this programme are detailed below.

Current Key Milestones for the project are as follows:

Key Project Milestones	Baseline Revision 00 Finish Date (Duration)	Current Revision (Rev 9) Finish Date (Duration)	Current Forecast Finish Date (Duration)
Welsh Government FBC Review and Approval	2 November 2020 (8 weeks)	9 December 2020	
Enabling Works start / completion		30 November 2020 / 14 April 2021 (17-week duration)	30 November 2020 / 7 June 2021 (24-week duration)
Mobilisation & Establish Site Main Works	5 October 2020	1 st March 2021	
Commence Main Works (Scaffold erection)	9 November 2020	8 March 2021	
Access to first ward area (Wards 12B and 10B)		26 April 2021	26 April 2021 (2 week delay)
Main Works Construction Completion	17 July 2023 (34 months)	27 October 2023 (32 months)	27 October 2023 (32 months)

3. GOVERNANCE AND RISK ISSUES

A technical compliance group was set up to support the Project Board ensuring full compliance with materials being used and installation methods, with the Project Director, the Assistant Director of Strategy – Capital, Swansea Bay University Health Board, chairing this group. Other members consisted of Senior Fire Advisors from Specialist Estates Services, Design team members, building control and the Fire Brigade.

A decant programme has been agreed by the Senior Responsible Officer (SRO), Group Director, Singleton Hospital & Neath Port Talbot Group, and the operational team, in line with the main construction programme. However, it has become evident, due to the recent surge in Covid cases and Winter bed pressures, the designated decant areas are no longer available. As a result, there will be a slight delay to the cladding construction programme with work starting in April rather than February. The Committee is advised that the South Wales Fire and Rescue Service may still issue a Fire Enforcement notice on Central ward block due to the current risk of fire spread.

Approval for the Full Business Case (including car park enabling works) was granted on the 7th of December 2020.

RISKS

Key Risks currently identified are:

- Asbestos contamination – HIGH RISK
- Quality of the surveys undertaken – HIGH RISK
- Site restrictions including reduction of parking spaces, PET scanner and the MRI exclusion zone
- Adverse weather affecting the works
- Logistical planning of the ward decants during the construction phase
- Covid-19 restrictions (detailed below)
- The integrity of the existing structure which requires major repairs – HIGH RISK

COVID-19

The Covid-19 pandemic has added further delay to the baseline accepted programme due to pressures on the hospital service which has meant that the wards set aside for decant are now required.

The SCP has provided a quotation for additional measures within the car park construction site set up required to operate the site in line with guidance and appropriate risk assessments. This quotation / proposal is currently being reviewed by the PM and CA. Any allowances agreed will be reviewed regularly alongside any updates to Welsh Government guidance.

The project is continuing as normal, with face-to-face meetings being replaced by teleconferencing facilities. The Health Board, PM / CA and SCP are working together to ensure minimum disruption at this time and will continue to liaise regularly to make every effort to progress activities in line with the programme.

4. RECOMMENDATIONS

Board Members are asked to: -

- **NOTE** the governance around full technical compliance obtaining full planning approval and submission – planning approval received August 2020.
- **NOTE** enabling car park works completed June 2021 and the main cladding works progress and removal of the existing cladding on 26th May 2021.

Governance and Assurance		
Link to Enabling Objectives <i>(please choose)</i>	Supporting better health and wellbeing by actively promoting and empowering people to live well in resilient communities	
	Partnerships for Improving Health and Wellbeing	<input type="checkbox"/>
	Co-Production and Health Literacy	<input type="checkbox"/>
	Digitally Enabled Health and Wellbeing	<input type="checkbox"/>
	Deliver better care through excellent health and care services achieving the outcomes that matter most to people	
	Best Value Outcomes and High Quality Care	<input checked="" type="checkbox"/>
	Partnerships for Care	<input type="checkbox"/>
	Excellent Staff	<input type="checkbox"/>
	Digitally Enabled Care	<input type="checkbox"/>
	Outstanding Research, Innovation, Education and Learning	<input type="checkbox"/>
Health and Care Standards		
<i>(please choose)</i>	Staying Healthy	<input type="checkbox"/>
	Safe Care	<input checked="" type="checkbox"/>
	Effective Care	<input type="checkbox"/>
	Dignified Care	<input type="checkbox"/>
	Timely Care	<input type="checkbox"/>
	Individual Care	<input type="checkbox"/>
	Staff and Resources	<input checked="" type="checkbox"/>
Quality, Safety and Patient Experience		
Mitigate the risk of any external fire spread on the centre ward block building using existing operational management plans.		
Financial Implications		
Cost outturn estimate (RIBA Stage 3) for the front façade cladding replacement work was reported as £13,965,503.		
The total amount of funding requested for the enabling works car park work is £926,903.		
Forecast outturn costs remain within the approved sums.		
Total scheme outturn cost to be in the region of £14,895,000.		
Legal Implications (including equality and diversity assessment)		
There will be legal implications should the Health Board pursue a legal case for the installation of the non-compliant cladding.		

Staffing Implications	
None at this stage.	
Long Term Implications (including the impact of the Well-being of Future Generations (Wales) Act 2015)	
Long term viability of the building and reduced energy cost would be enhanced from the benefit of cladding.	
Report History	<p>February 2019 Exec Team Presentation on Arup's findings report.</p> <p>Previous report titled 'Singleton Hospital Phase 1 Cladding Removal Progress Report' issued in early May and August 2019.</p> <p>3rd June 2019 Health and Safety Committee Cladding update / legal and engineering report.</p> <p>22nd November 2019 Health and Safety Committee. Singleton Hospital Cladding Contractual Advice.</p> <p>30th January 2020 Health Board gave their approval to pursue a legal claim.</p> <p>1st April 2021 progress update to Health and Safety Committee.</p>
Appendix	None.