

Northern Health and Social Care Trust Board Meeting in Public - Cover Sheet

Subject:	Upgrade of Endoscopy Decontamination Equipment and Ventilation systems in Antrim Hospital Day Procedure Unit		Date of Meeting: 27 th March 2025	
Prepared By:	Brian Boyd, Trust Decontamination Manager			
Approved By:	Dave Watkins, Medical Director			
Presented By:	Dave Watkins, Medical Director			
Purpose				
To seek approval for an additional addendum required for the amount of £77,500 for the Upgrade of Endoscopy Decontamination Equipment and Ventilation systems in Antrim Hospital Day Procedure Unit			Approval	✓
			Assurance	
			Update	
			Noting	
Strategic Objectives				
Build Northern Partnerships and Integrate Care	Continue to improve Outcomes & Experience	Deliver value by optimising Resources	Nurture our People, Enable our Talent & Build Our Teams	Improve population Health & address health & social care inequalities
	✓	✓		
Risk – please note if links to any principal, corporate or divisional risk				
Committees/groups where this item has been presented before				
N/A				
Acronyms				
HTM – Health Technical Memorandum EWD – Endoscopy Washer Disinfector A/C – Air changes EN ISO – European standard / international organisation for standardisation				
Executive Summary				
This project was to replace Endoscope Decontamination equipment, upgrade the current ventilation system to include redecoration and refurbishment throughout. The purpose of this project was to increase capacity, ensure patient safety and guarantee compliance with HTM06-01, HTM03-01 & EN ISO 16442. The four existing EWDs were installed in December 2008 and to date have processed approximately 21,000 cycles each. Current guidelines recommend replacement after 7 years, therefore these machines should have been replaced in 2015. The machines have been on the Risk Register for 5 years highlighting the urgent need for upgrade. The current Endoscope Washer Disinfectors do not meet HTM01-06 standards. The manufacturer of the endoscope washer disinfectors have stated that electronic support for the devices ends in Dec 2022. This is because the model is now deemed antiquated and the components will no longer be manufactured. AAH ventilation serving this area is 28 years old and original to the hospital being built it is regularly serviced as a critical piece of ventilation both quarterly and annually. The latest annual verification service on 6 November 2021 shows that the units is not up to current standards and shows sign of age in the form of corrosion that will need to be treated and is an indication of the need for replacement. The unit over all				

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doesn't meet the required air changes outlined in the new HTM 03-01 of 10 Air Changes (A/C). The rooms are currently 7.5A/C in line with HTM guidance at the time of design.

There have been additional building, electrical and mechanical challenges encountered as part of this project.

These include; replacing damaged concrete flags on the roof, replacing blocked drainage pipework in Decon rooms, new medical grade trunking in Recovery, relocating existing RO water pipework in plantroom V to accommodate new AHU louvres, relocating containment to accommodate new ductwork, installing fillet lighting in procedure rooms, installing IPS sockets for slave monitors in procedure rooms. There have also been contract delay charges for 11 weeks over run as a result on the variations and additions to the scheme as well as inflation charges which are covered in the NEC4 contract.

Original value of business case £1,448,197

1st addendum: £48,629 (30/5/25)

Reason: Increased labour and material costs

2nd addendum: £188,000 (22/10/25)

Reason: Additional building, mechanical, electrical costs including costs for a water purification plant

3rd addendum: £1,500 (21/11/25)

Reason: Additional data point added to allow for traceability system access

4th addendum: £3,000 (28/11/25)

Reason: Lowering of both arms in both procedure rooms

5th Addendum: £77,500 (present)

Reason: As above

Total value £1,766,826 of business case

Total value of addendums: £318,629

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