
B2605**Beaumont AHU & Chiller Installation**

Summary of Tender MECHANICAL SERVICES INSTALLATIONS

13th May 2026**Tender Issue**

The following Summary of Tender will be deemed to include for the execution of all works in strict compliance with the specifications, drawings and any other contract documents. All plant and components will be deemed to be exactly as specified.

This Document must be fully completed, signed and returned with any requested information within the Tender return.

1.0	<u>MECHANICAL SERVICES SUMMARY</u>	
1.1	<u>Mechanical Services Installation</u>	
	Mechanical Strip Out	€
	Total On-site Mechanical Services Installations	€
	<u>Total</u>	€
1.2	<u>Electrical Services Installations</u>	
	Electrical Strip Out	€
	Total On-Site Electrical Services Installation	€
	<u>Total</u>	€
	1.3 Total Prelims and Misc	€
	Total Mechanical & Electircal Excluding VAT) -	€
2	<u>Supplementary Pricing Information</u>	
2.1	Following return of the tender bid and within one week of a request to do so, we shall provide to the ER a complete detailed priced Bill of Quantities substantiating how we arrived at the tender price.	
2.2	We confirm that this Bill of Quantities shall form the basis of any pricing additions or omissions throughout the contract.	
2.3	We confirm that we shall submit to the ER on request, copies of all quotations received in respect of products, equipment, plant items and components for all elements included within the tender.	
Signed : _____ For and on behalf of: _____ Date: _____		

1.0	<u>MECHANICAL INSTALLATION</u>	
	Item	Amount
1.1	Beaumont AHU & Chiller Replacement	
1.1.000	<u>Mechanical & Electrical Strip-Out</u>	
1.1.001	To complete strip-out and disposal of steam/condensate pipework and associated valving arrangements	€
1.1.002	To complete strip-out and disposal of existing heating and chilled water pipework and associated valving arrangements	€
1.1.003	To complete strip-out and disposal of existing domestic services pipework including sanitaryware items and associated valving arrangements	€
1.1.004	To complete strip-out and disposal of existing exhaust ductwork and associated louvre	€
1.1.005	To Complete strip-out and disposal of existing Extract Fans and associated extract ductwork	€
1.1.006	To Complete strip-out and disposal of existing Supply ductwork	€
1.1.007	To Complete strip-out and disposal of existing Chiller and associated pipework	€
1.1.008	To Complete strip-out and disposal of existing AHU	€
1.1.009	Other	€
	Total Strip Out	€
1.1.200	<u>Mechanical & Electrical Enabling/Diversion Works</u>	
1.2.001	To complete mechanical diversion works such as LTHW/CHW/water/gas/drainage/ventilation. All live systems to be diverted away from the scope of works. All necessary valving arrangements to be provided and recommissioning where necessary.	€
1.2.002	Liaising with TSD to determine shut down periods and affected areas.	€
	Total Enabling/Diversion Works	€
1.1.300	<u>Heating Installations</u>	
1.1.301	To complete supply and installation of heating distribution pipework installations including insulation, valves, fittings etc. for AHU Coils	€
1.1.302	To complete the heating system enabling works in the existing site to allow for demolition works. Works shall include disconnecting Heating, steam, CHW, Domestic, soils & waste & Medical Gases.	€
1.1.303	Other	€
	Total Heating Installations	€
1.1.400	<u>Chilled Water Installations</u>	
1.1.401	To complete supply and installation of new Air source Chiller, including craneage into existing chiller compound, including integral VSD Pumps	€

1.1.402	To complete supply and installation of new chilled water pipework and associated valves to tie into existing hospital chilled water network	€
1.1.403	To provide commissioning of new chiller system and recommissioning of existing chilled network including pumps and controls	€
1.1.404	Other	€
	Total Chilled Water Installations	€
1.1.500	<u>Ventilation Installations</u>	
1.1.501	To complete supply and installation of HTM Complaint AHU's Serving Radiology Department, including Filters, Erp 2018 compliant, Magnehelic gauges, pressure differential switches, 3-ports,, Internal power wiring, fans wired to isolators, run around coil, drain, etc. including craneage and on site assembly	€
1.1.502	To complete supply and installation of ventilation installations including ductwork, volume control dampers, insulation, labelling, supports, etc	€
1.1.503	To complete the works associated with ensuring the ground floor ventilation system can remain 'live' for the duration of the construction period, including phasing works to uninstall the existing extract fans, provision of temporary means of ventilation equipment / fittings for the duration of the construction period, alterations to existing ductwork and the supply and installation of new ventilation plant, ductwork and equipment.	€
1.1.504	To complete supply and installation of new exhaust ductwork, including forming of new opening and insect mesh for exhaust discharge	€
1.1.505	To complete supply and installation of any necessary fire smoke dampers to ventilation systems and associated control panel	€
1.1.506	To complete supply and installation of fire dampers to ventilation systems	€
1.1.507	To complete the ventilation enabling works in the existing area to allow for demolition works. Works shall include disconnecting/removal, lasing with TSD, capping off ductwork and reinstating of existing ventilation systems	€
1.1.508	To complete supply and installation of new on board controls for the new AHU	€
1.1.509	Other	€
	Total Ventilation Installations	€
1.1.600	<u>Water Services Installations</u>	
1.1.601	To complete supply and installation of new cold water, domestic hot water and domestic hot water pipework and associated valves.	€
1.1.800	<u>Building Automation & Controls</u>	
1.1.801	To complete the supply and installation of new MCC panel, including integration with the existing Hospital site wide BMS installation.	€
1.1.802	To complete the supply and installation of new MCC panel and field devices, including integration with the existing hospital wide BMS installation.	€
1.1.803	To complete the supply and installation of packaged AC unit controllers fault interface to BMS	€
1.1.0	Sub - Total Mechanical Services ; Carry to Summary Sheet	€

1.2	ELECTRICAL INSTALLATION <u>On-site - Electrical Works</u>	
	Item	Amount
1.2	<u>Electrical Services</u>	
1.2.000	<u>Electrical Strip Outs</u>	
1.2.001	To complete survey, testing, removal, etc. to existing electrical services of AHU & Chiller and to ensure all adjacent areas are maintained live.	€ -
1.2.100	<u>Fire Detection & Alarm System</u>	
1.2.101	To complete provision of integration new MCC into existing fire alarm system	€ -
1.2.200	<u>L.V .Distribution Installations</u>	
1.2.201	To complete provision of cable containment installation from MCC.04 to new AHU within plant room	€ -
1.2.202	To complete provision and installation of sub mains cabling for AHU installations	€ -
1.2.203	To complete provision of cable containment installation from LV1 to new external chiller	€ -
1.2.204	To complete provision and installation of sub mains cabling for new MCC	€ -
1.2.205	To complete provision and installation of sub mains cabling for new chiller	€ -
1.2.300	<u>Mechanical Wiring Installations</u>	
1.2.301	To complete provision of mechanical plant wiring to new AHU	€ -
1.2.302	To complete provision of mechanical plant wiring to new chiller	€ -
1.2.303	To complete provision of new MCC within AHU Plantroom	€ -
1.2.400	<u>Earthing & Bonding Installations</u>	
1.2.400	To complete earthing and bonding to the electrical system	€ -
1.2	Sub - Total On-site Electrical ; Carry to Summary Sheet	€ -

1.0	<u>MECHANICAL INSTALLATION</u>	
	Item	Amount
1.3	Preliminaries and Site Establishment.	
1.3	<u>Mechanical & Electrical Services Preliminaries</u>	
1.3.1	To complete Commissioning of all installed Mechanical Systems.	€
1.3.2	To complete Commissioning of all installed Electrical Systems.	€
1.3.3	To complete re-commissioning of existing services.	€
1.3.4	To liaison with the Beaumont TSD for shutdowns and any necessary parties for crane	€
1.3.5	Preliminaries and Site Establishment.	€
1.3.6	To complete provision and demonstration of all samples for design team approval.	€
1.3.7	Production of Builder's Work drawings including plinth layouts, setting-out of mechanical opes etc.	€
1.3.8	Production of Co-ordinated drawings including plant room, sections and plans, co-ordinated floor layouts etc.	€
1.3.9	To complete provision of "As-Installed" documentation including Operation and Maintenance Manuals, Installation Drawings, etc.	€
1.3.10	To complete provision of requirements to complete Ancillary Certifiers role to BCAR	€
1.3.11	To complete Handover/ Commissioning Seminar.	€
1.3.12	Contingency Allowance	€
1.3.13	Any other item deemed necessary or not listed	€
1.3.0	Sub - Total Prelims & Misc ; Carry to Summary Sheet	€_____

Confirmed Schedule of Manufacturers and Supplies for all equipment included within the Tender (Failure to Complete will invalidate the tender)	
Item	Offered By Contractor as included in Tender
Heating Installations	
Pumps	
Pre-insulation pipework	
Insulation & Cladding	
Valves	
Ventilation Installations	
Volume Control Dampers	
Fire Smoke Dampers	
Fire Dampers	
HTM Compliant AHU	
Item	Offered By Contractor as included in Tender
Water Services Installations	
Pipework	
BMS Installations	
System Controllers	
Ultrasonic Flowmeters	
Switchgear and Distribution	Offered By Contractor as included in Tender
Cable Tray	
Cable Trunking	
Cable Basket	
Support Systems	
Sub - Mains Cables	

Confirmed Schedule of Manufacturers and Supplies for all equipment included within the Tender (Failure to Complete will invalidate the tender)	
General & Emg Lighting	
Feature Luminaires	
General Area Luminaires	
General Lighting Switches and Accessories	
Lighting Controls	
Emergency Lighting Luminaires and Exit Signage	As incumbent supplier
Emergency Lighting Addressable System	As incumbent supplier
Emergency Lighting Commissioning Specialist	As incumbent supplier
Item	Offered By Contractor as included in Tender
Other Items (Contractor to list)	

Signed : _____

For and on behalf of: _____

Date: _____

Confirmed Schedule of Hourly Rates included within the Tender. These rates shall be applied to Client or ER requested additional works. (Failure to Complete will invalidate the tender)

Item	Rates as included in Tender
Project Director	€
Contracts Manager	€
Foreman (Mechanical)	€
Senior Trades (Mechanical)	€
Trades Assistant / Apprentice (Mechanical)	€
Administration	€
Others Items (Contractor to list)	

Signed : _____

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Date: _____