

Schedule of mechanical suppliers

Equipment	Supplier
Foul Drainage above Ground	Osma - Wavin Hepworth
Foul Drainage below Ground	Hepworth
Laboratory/Industrial Waste Drainage	Pipex Durapipe
Cold water (flowmeters)	Elster Metering ABB Metering Ltd
Hot water	Hot water heaters Rycroft Stockvis Andrews Hamworthy Lochinvar A O Smith Water boilers Zip Heaters (UK) Heatrae Sadia
Reclaimed water systems	Aquality
Treated/Dionised/Distilled Water	UV Systems Liff Industries Ltd. Hydrotech Laboratory Water Systems / RO Merck Millipore Purite Novatech Water Softeners / DI Novatech Aldous and Stamp

Schedule of mechanical suppliers

Equipment	Supplier
	Water Conditioners (non-chemical) Environmental Treatment Concepts Ltd Hydrotec Lifescience products Ltd.
Compressed Air	Compressors / Dryers Atlas Copco Compair Ingersol Rand (Air Equipment main distributor)
Natural Gas	Meters and Governors ITT Invensys Process Systems Elster Jeavons Ltd. Controls / shut off valves Alcon Solenoid valves Donkin Gas Valves Ltd. ITT Gas Proving Systems Flamefast Ltd T.C.W Services
Medical/Dental/Industrial Gases	Medical Gases Ltd. Medical & Industrial Manufacturing Ltd.
Vacuum	Absolute Vacuum Services UK Ltd Medical & Industrial Manufacturing Ltd.
Steam boilers	CFB Boilers Fulton
Steam ancillaries	Gestra UK Spirax Sarco
Fire fighting	Chubb Kidde Fire Protection Ansul Honeywell Gent Tyco Fire Systems
Boilers	Broag-Remeha Hamworthy

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Equipment	Supplier
	Hartley & Sugden Hoval MHS Boilers Ltd Potterton Commercial Strebel Ltd Worcester
Flues	AI Bridge Flues Dinak Chimney systems Schiedel Rite-vent SFL Flues and Chimneys
Pressurisation units	Aquatech pressmain Flowmech Grundfos Hamworthy Armstrong Mikrofill
Heat Emitters	Radiators Myson Radiators Stelrad Radiators Jaga Convectors Dimplex Biddle Air Systems Dunham Bush Jaga Kampmann Trench Heating Dunham Bush Kampmann HCP Underfloor Heating Warmafloor PIPE2000 Ltd.

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Equipment	Supplier
	Rehau Ultimate Underfloor Heating Wirsbo
Central Refrigeration Plant	Chillers Airedale Carrier Climaveneta Clivet Daikin Air Conditioning UK LTD Klimatherm Swegon Trane York Buffer Vessels Mikrofill Rycroft
Local cooling units	Ability Biddle Air Systems Dunham-Bush Trox DX spits / VRV / Heat Pumps Daikin Air Conditioning UK Mitsubishi Electric Toshiba
Cold Rooms	Daikin Air Conditioning UK Mitsubishi Electric Toshiba
Ventilation	Natural (Passive / mixed mode) air inlet / outlet terminals Passivent Aereco Nuaire
Safety cabinets	Astec Microflow Envair

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	Medical Air Technology Safelab
Fume extract	APMG Fumair Mach-Aire PF&F Premier Laboratory Systems
High Velocity Units (VAV)	Colman Moducel Motorised Air Products Carrier Trox Waterloo Air Management
Fan Coil Units	Ability Biddle Air Systems Dunham-Bush Trox
Air conditioning	Daikin Air Conditioning UK Ltd Mitsubishi Electric Toshiba
Passive Cooling (chilled beams and chilled ceilings)	Frenger Systems Halton Products Swegon Trox
Air curtains	Biddle Diffusion Group Envirotec Shearflow Systemair
Liquid Detection Alarm	Andel PPL Tyco Tracetek Envirotech Alarms Protech Systems

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Equipment	Supplier
Controls/Monitoring	Schneider Electric
Control Components	Aercon (Power Utilities Ltd.) room - pressure controls Invensys Climate Control (Drayton) CMR Controls (room pressure controls) Danfoss Randall Ltd. Honeywell Control Systems Siemens Building Technologies Schneider Controls
Pipes, Fittings & Accessories NOTE: specialist pipe work systems for new installations only and will be subject to final E&F approval at Feasibility stage	Specialist Pipework Systems Pegler Yorkshire push-fit and pressfit Geberit Mapress (press-fit system) Victaulic grooved system SAV UK Ltd. (plastic coated aluminium pipe for final run outs to terminals) TYCO Building Services Products (Grinell grooved system) Omegaflex (“TracPipe”) corrugated Stainless Steel Underground pre-insulated pipe systems Durotan Ltd.(PE-Xa / Steel) Other Special Fittings Guyson International (Hansen quick release hose couplings) Aquaflow Regulators Ltd. (flow regulators / restrictors in hot and cold water systems)
Support Systems	Extensis Ltd. IHL (Industrial Hangers Ltd.) Walraven Roof Pro Unistrut
Valves / Strainers NOTE: Subject to final E&F approval at Feasibility stage	General service and commissioning Pegler Yorkshire (Broen commissioning valves and PICV’s) Crane Hattersley Herz valves TA Hydronics (Tour & Andersson)

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	<p>Manifold Commissioning Systems</p> <p>SAV Crane Hattersley TA Hydronics (Tour & Andersson)</p> <p>Differential pressure, high limit, flow control, PICV, and other</p> <p>Crane Danfoss Randall Hattersley Pegler Yorkshire Honeywell Control Products Spirax Sarco TA Hydronics (Tour & Andersson)</p> <p>General Control valves + TRV's</p> <p>Crane Hattersley Pegler Yorkshire</p> <p>Safety / Pressure relief</p> <p>Nabic Valves (Delta Fluid Products Ltd.) Spirax Sarco</p> <p>Specialist Valves</p> <p>Crane Donkin Gas Valves Ltd. Hattersley Honeywell ACS Control Products (Thermostatic mixing, pressure regulating /reducing, back flow prevention, thermal balancing / disinfection for HWS) Hopkinsons (Steam) Horne Engineering (thermostatic mixing) back flow prevention, thermal balancing) Landon Kingsway - (Gas/oil shut off)</p>

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Expansion Bellows and flexible connections	Boa Flexible Solutions Ltd Isolated Systems Ltd. Engineering Appliances
filters, dirt separators, deaerators	ENWA (side stream filtration) Spirotech (UK) Ltd. (dirt separators / deaerators)
Steam Traps	Armstrong Spirax Sarco
Heat Meters	Danfoss Coster
Pumps	Armstrong Grundfos Wilo (UK) Ltd. Lowara Packaged Booster sets Pressmain Armstrong KGN Pillinger Grundfos
Water Tanks	AC Plastic Industries Balmoral Group Ltd. Braithwaite Engineers Dewey Water
Heat Exchanger/ Calorifiers	Alfa Laval Ltd (Thermal Division) Ormandy Rycroft Ltd. Stokvis
Trace Heating	Isopad Raychem Thermon (UK) Ltd.
Cleaning and Chemical Treatment	Freeston Clearwater Technology Ltd Water Technology SMS Ltd

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Equipment	Supplier
Air Dampers	Actionair Group Advanced Air Trox Quelfire (intumescent collars) Lorient Polyproducts Ltd. (intumescent fire dampers)
Air Handling Units	Dalair Ltd. Flakt Woods KlimaTherm Mallard Euroair (Part of Mansfield Pollard) Nuaire Swegon Systemair Ltd Wolf GmbH
Fans and Roof Units	Flakt Woods Systemair Helios Ventilation Systems Ltd UK Nuaire Vent Axia / Roof Units Group Xpelair Central Fans (Colasit) Fumeair Parsons Plastics Exhausto (<i>chimney fans and flue dilution systems</i>) Weatherite
Heating/Cooling Coils	Custom Coils Eltron Chromalox Eurocoils S&P Coil Products
Humidifiers and Dehumidification	Eaton Williams Group Munters Ltd. - Dehumidification J. S. Humidifiers Spirax Sacro
Attenuators/Acoustic Treatment	Allaway Acoustics

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	Industrial Acoustics Co. Trox Brothers Ltd. Galloway Acoustics
Grilles/Diffusers/Louvres	Advanced Air Gilberts Ltd. Halton Products Motorised Air Products Krantz Koolair (UK) Ltd. Schako Trox (UK) Ltd. Waterloo Air Management
Gas detection	Oliver IGD Ltd. (Gas Detection and Gas Analysis Products) Murco (gas detection) Duomo (UK) Ltd