



Air Conditioning Services

- Heat Pump Systems
- VRV/VRF Systems
- Close Control
- DX Systems

Claire Tallon
Wynyard Park
Wynyard Park House
Wynyard Avenue
Wynyard
Billingham
TS22 5TB
By Email

ICC/QT/1530/00/PB

23rd July 2014

Dear Claire,

RE: SERVER ROOM AIR CONDITIOING

We thank you for inviting us to tender for the above project and would like to take this opportunity to submit our proposal to carry out the supply, delivery and installation of 1No air conditioning works associated with the project as detailed above.

Our proposal and quotation is attached herewith and we trust it meets with your approval.

Yours sincerely

Peter Bone
Indoor Climate Control Ltd
Business & Innovation Centre
Enterprise Park East
Wearfield
Sunderland
SR5 2TA



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peter@indoorclimatecontrol.co.uk

PROPOSAL

We propose to supply, deliver install and commissioning 1No wall mounted Toshiba split air conditioning system to serve the ground floor Server Room within Wynyard Park House.

We have based our selection on providing 5.0Kw of sensible cooling capacity which we have calculated as the required cooling duty based upon the 3no server racks currently installed within the room.

The Toshiba unit selected has a total cooling capacity of 6.7kw and a sensible cooling capacity of 5.8kw.

The system will be from the Toshiba Digital Inverter range of equipment operating on the latest refrigerant R410A providing energy efficient operation and energy an energy rating of A/A.

INSTALLATION WORKS

We propose to install the indoor unit at high level upon one of the internal server room walls in a location agreed and suited for optimum air distribution.

The outdoor unit will be located at ground level at the front of the building behind the low level bushes as discussed.

We will install the necessary interconnecting refrigerant pipe work and control wiring services between both the indoor and outdoor units.

A condensate drain will be installed from the indoor unit which will remove all condensate created during the cooling cycle. The drain will terminate externally to the building at low level near the outdoor unit.

TESTING & COMMISSIONING

Upon completion of the installation phase of works, the system will be pressure tested and evacuated in accordance with the manufacturer's requirements and to the ICC installation engineer's satisfaction.

The system will be fully commissioned and left operational.

ELECTRICAL WORKS (BY OTHERS)

The outdoor condensing unit will require a 16amp single phase power supply c/w a local isolator.

PRICE: £2,876.00

Terms

Net 28 days and strictly in accordance with our Conditions of Sale enclosed. V.A.T. is not included and will be charged at the appropriate rate.

This estimate is based on assumption of free access to site and work carried out during normal working hours.

This estimate is open for acceptance for a period of 30 days unless previously withdrawn.

Guarantee

All equipment of our supply will be guaranteed for a period of 12 months from date of commissioning or 18 months from date of delivery to site, whichever is the sooner and strictly in accordance with the Manufacturers Terms of Guarantee. The Terms and Conditions of Guarantee and Warranty are dependant upon the equipment being **Serviced and Maintained** in accordance with the Manufacturer's recommendations.

MAIN EXCLUSIONS

1. Any out of hours working.
2. Any mains electrical works or final electrical connections.
3. Any suspended ceiling works.
4. Any builders/civil or works.
5. Any planning permission submission or associated works.
6. Any decorator's works.
7. Any as fitted drawings or associated manuals.
8. Any works or materials not specifically detailed.