

Ref. Q13/115

7th of May 2013

Shakib & Co
Ground Floor Ginsberg Yard
Back Lane
London
NW3 1EW

For the attention of Nahid Masoudi

Dear Nahid,

Re:- Q13/115 3 Firecrest Drive Heat Pump Quotation

Thank you very much for your valued enquiry regarding the new heat pump installations at the above site.

We have pleasure in providing you with a brief specification along with the quotation to carry out the work as discussed on site and the information provided.

We have designed the system to use the least amount of outdoor units and at the same time minimise the amount of builders work required.

We trust that we have interpreted your requirements correctly, if not or you require any further information, please do not hesitate to contact us.

Yours Faithfully,
On behalf of Elliott Environmental Services Ltd.

Jim Elliott

Specification Q13/115
Shakib & Co
Heat Pump Quotation
7th of May 2013

1. We would supply and fit three individual heat pump systems, two multi-splits and one single split. The systems would be combined as follows:-

System 1	Outdoor Unit	Mitsubishi MXZ-4D72VA
Master Bedroom	Indoor Unit	Mitsubishi MSZ-GE50
Girls Bedroom	Indoor Unit	Mitsubishi MSZ-GE25
Boys Bedroom	Indoor Unit	Mitsubishi MSZ-GE35

System 2	Outdoor Unit	Mitsubishi MXZ-4D83VA
Lounge	Indoor Unit	Mitsubishi MSZ-GE60
Dining Room	Indoor Unit	Mitsubishi MSZ-GE25

System 3	Outdoor Unit	Mitsubishi MUZ-GE50
Family Room	Indoor Unit	Mitsubishi MSZ-GE50

2. The indoor units would all be high level wall units. System 1 bedroom fan coils would be installed on the external wall, the master bedroom fan coil would be installed on the internal wall between the room and the girls bedroom. System 2 dining room fan coil would be installed on the rear external wall, the lounge unit would be mounted on the internal wall dividing the lounge and dining room. System 3 single fan coil would be installed on the side external wall.
3. The outdoor units for system 1 & 2 would be wall mounted at high level at the rear of the building under the small bedroom terrace, the single outdoor unit for system 3 would be mounted at the rear of the building on slabs on the grass at the top end of the garden, opposite the rear doorway.
4. Between the indoor and outdoor units, new insulated refrigeration quality copper pipe work shall be installed; the pipes internally and externally would be housed in plastic ducting. On completion the pipe work would be pressure tested and then evacuated to the manufacturer's specifications. The system would be correctly charged with R410A as required. **Please note access would be required to the next door neighbours property to install the pipe work to the rear of the house.**

5. From each of the indoor units a condensate drain is required, we anticipate that they would all need to be pumped due to gravity restrictions.
6. Control of each system would be via a hand held digital controller which would be handed to the occupants on completion.
7. We would fully commission the system and undertake the manufacturers warranty period of three years providing the equipment is serviced during this period to the manufacturer's specifications, by us.

Quotation Q13/115
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To supply and fit the three new heat pump systems, all as the previous specification.

All for the sum of £14,312.00 + VAT

Qualifications

1. We have assumed that the work can be carried out in continuation during normal working hours.
2. We have assumed welfare facilities will provided on site free of charge by the client.
3. We have excluded the electrical mains supplies required, we have assumed the works to be carried out by Chalfonts?
We would require 2 no. 25 amp and 1 no. 16 amp, 230 volt supplies to the outdoor units via weatherproof isolators.
4. We have not applied for planning permission of the systems, this will need to be checked by others prior to any work commencing on site.
5. We have not allowed for any external screens, acoustic or otherwise for the outdoor units.

Payment Terms

Strictly net 30 days from date of invoice/application.

This quotation is valid for 30 days from the date of issue.