

# Low Carbon Buildings Programme - Phase 2

## Application: Section D – Microgeneration technologies

### D4. Ground source heat pumps

#### D4.1 Installer Details

Company Name:

Accreditation No:

Address:

Postcode:

#### D4.2 System Details

What is to be heated?  Space heating only  DHW only  Both

Distribution system:  Under floor  Radiators  Air blowers

Ground loop details:  Vertical boreholes - give number, depth and spacing between boreholes:

Horizontal trenches - give number, length, depth and spacing between trenches:

Product Code

Manufacturer

Model

Maximum Thermal Output  kW<sub>th</sub>

Electrical Input at Maximum Output  kW<sub>e</sub>

Starting electrical current  Amps

Three or single phase supply?  Three / Single

Maximum capacity of building electrical supply  Amps

Any soft-start to be employed?  Yes / No

Estimated annual heat load of building  kWh

% of the load to be supplied by heat pump  %

Supplementary heat source (if any):

Primary fuel being displaced:  coal  oil  gas  LPG  electricity

Monitoring proposals *e.g. changes to hot water/heating bills; monitoring of outputs on intranet/internet*

**D4.3 Quotation – (installer quotes must reflect both the total and the breakdown of figures supplied below)**

D4.3.1 Heat pump	£
D4.3.2 Ground coil	£
D4.3.3 Controls, specialist equipment	£
D4.3.4 Installation - plumbing connection	£
- electrical connection	£
D4.3.5 Building Materials	£
D4.3.6 Other - borehole, trenching	£
- performance displays	£
other, specify: (check Terms & Conditions to confirm eligibility)	£
	£
	£
	£
<b>D4.3.7 TOTAL excluding VAT</b>	£
<b>D4.3.8 Grant requested</b>	£

**D4.4 Installation address**

Address:

Postcode:

Country or Region:   
(see Guidance Notes)

**Important:**

***If you are applying to install this technology at more than one site, please download and complete section D4 for each location.***