

Believe Housing Ltd FAO: PAMELA WILSON Coast House Spectrum 4 Spectrum Business Park Seaham County Durham United Kingdom SR7 7TT

Ref: DB/00053/14063

1st September 2020

Dear Pamela,

#### Lightning Protection – Maintenance Building/Site: Coast House - Spectrum 4

Further to your instruction to carry out work to the lightning protection system we can confirm that our engineer has attended site, please see attached the following:

# Certificate of Inspection

**Quotation** to perform repair work where faults have been identified during the inspection or maintenance works.

NOTE:- The Electricity at Work Regulations 1989 is a statutory document which states that, where a Lightning Protection system is fitted, it should be professionally maintained in accordance with the standards to which is was installed – Protection of Structures against Lightning. Failure to properly maintain your lightning protection system could cause a potential hazard which may invalidate your insurance policy and may lead to possible prosecution.

Yours sincerely

Stephen Joyce Contracts Manager



 HEAD OFFICE: KELLAW ROAD | DARLINGTON | CO. DURHAM | DL1 4YA | TEL: 01325 282794 | FAX: 01325 487329

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# QUOTATION

SITE: Coast House - Spectrum 4

SYSTEM: Lightning Protection

REF: DB/00053/14063

# AIR TERMINATION NETWORK - MESH GRID SIZES

**Building structure** 

# EARTH TEST RESULTS

E4 - Electrode 228 system 1.41

E8 - No A clamp

E9 - Electrode 290 system 6 - (rod cut) no A clamp in pit.

E10 - Electrode 651 system 7 - Also no A clamp

E11 - Electrode 205 system 5

### **ADDITIONAL COMMENTS**

We recommend the following remedial work is carried out as the system was found to be non-compliant:

E4, E9, E10 & E11 - Earthing upgrade works are required in an attempt to lower the resistance value. This would require the insertion of additional copper bonded earth rods in an attempt to lower the resistance levels to a more acceptable reading.

E8, E9 & E10 - We need to supply and install a new test clamp to facilitate testing

Upon completion of the repairs a certificate of compliance will be issued. Please see below our quotation:

We would be pleased to carry out the repair works detailed above for the sum of **£660.90 plus VAT** (six hundred and sixty pounds and ninety pence)

Quotations are subject to our standard Terms and Conditions of Contract a copy of which is attached.

Yours sincerely



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**Earthing and Lightning Protection** 

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