

Dunbeg Wind Farm

Client:	Private Client
Form of Contract:	Bespoke Conditions of Contract and Service Work
Duration:	Nov 2013 to May 2014



Main Description

The excavation of 14 no. wind turbine foundations, construction of the foundations and the design and construction of an adjacent substation building. Works included:

- The management of the site during all procedures involved in the construction of the 14 wind turbine bases in an environmentally sensitive location.
- The preparation of each base consisted of excavation of material and rock breaking to appropriate levels and removal of material to agreed location or stockpiled for backfilling.
- The construction of 10 no. 16.4m diameter concrete bases each consisting of 42 tonne reinforcement steel and 460m³ concrete.
- The construction of 4 no. 19.1m diameter concrete bases each consisting of 55 tonne reinforcement steel and 650m³ concrete.
- The installation of ducting for cabling to the base and attached earthing as per the specification.
- The backfilling and reinstatement of vegetation around all bases
- The design and construction of a single storey control building consisting of the excavation of 2500m³ of material, the construction of a 22m x 6m substation building complete with a 3m deep x 5.4 width x 8.8 long basement. Traditional blockwork building including concrete precast and tiled roof finish. Traditional wetdash finish, security doors, pallasade fencing, footpaths and landscaping. All works carried out to the Distribution Network Operator's and Turbine Supplier's requirements.
- Liaising with Turbine Supply Contractor and the Distribution



Network Operator and their sub-contractors.

