

WIND PROSPECT LTD

METHOD STATEMENT



Project : **CROOK HILL WIND FARM**

Method Statement Title **Public road improvements**

Ref No: **ENVhs026** Date : **AUGUST 2013**

Prepared by: **C Aimers**

1. Reference to Applicable Documentation

Contract Drawings:

- Site Plan

Other items

- Contractor Site Safety Procedures
- CITB GE700
- Construction Method Statement by Wind Prospect
- Environment Agency Pollution Prevention Guidelines
- New Roads and Street Works Act 1991
- Road Works and Street Works – Code of Practice
- HSE GS47 Avoiding danger from underground cables
- HSE GS6 Avoidance of danger from overhead electric power lines

2. Resources to be used in Operation (Labour, Plant & Equipment)

Proposed Plant

- Safety signage
- Cable avoidance tool
- 13T Wheeled 360 excavator
- 5T Tracked excavator
- 9T Tipping dumper
- Bomag 120 ride on roller
- 12m Telehandler

Proposed Labour

- 1No. Foreman
- Labourers / Banksman
- Trained plant operators

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3. Health, Safety and Environmental Items/Issues

- 1 x First Aid kit (In Site Foreman's Vehicle, Site Office)

In the event that the emergency services are required, contact can be made via the Construction Staff/ Engineers mobile phone.

If any unauthorised personnel (members of the public, employees of the client, or others) approach the works, then operations will be ceased until the persons are escorted to a safe distance from the work area.

Personal Protective Equipment

As a minimum this should include

- Hard Hat
- Ear Protection
- Protective Overalls
- Gloves
- Hi Visibility Vest/Jacket
- Safety Footwear
- Goggles
- Warm Clothes (if applicable)

Accident/Incident Reporting

All accidents/incidents/near misses however minor will be reported to the Health and Safety Manager and entered in the accident book. Any dangerous occurrence or accidents which will be reported to HSE will be notified to the Project Manager.

Unforeseen Hazards

Should an unforeseen circumstance arise, that poses a risk to personnel or equipment, then the situation should firstly be made as safe as practicably possible and operations suspended until any remedial action has been implemented and the Project Manager, Health and Safety Manager and on site staff are satisfied that it is safe to proceed.

Contaminated Land

No special precautions for the 'GREEN' zone site are envisaged.

Project specific Risk Assessments developed for the operations described herein are attached and can also be found in the Appendices of the Construction Plan for this Project

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4. Method of Construction (Work Instruction)

Item No.	Details	Inspection Code
4.1	Prior to the commencement of work on site, personnel will be briefed on the details of this method statement and associated risk assessments.	
4.2	Details of signage, lighting and guarding of the works and a Works Programme to be submitted to LPA for agreement. Local access will be maintained throughout the works as agreed.	
4.3	Traffic Management proposals will be issued to local residents via: <ul style="list-style-type: none"> · Local newspaper · Local posters / information boards · Community council · Letter drops to affected residents 	
4.4	Traffic control may be implemented, dependent on the space available and the nature of the works, this would be traffic lights on 2 way road and robotic stop/go boards on single track roads.	
4.5	Prior to commencement a condition survey of the roads will be carried out. Monitoring will be carried out as the works progress. Any defects that occur during the works will be recorded and repaired. Checks will be carried out to ensure that no mud/debris is deposited on the public road. A tractor with road sweeper or personnel with road brushes will be employed as necessary.	
4.6	A 20mph speed limit is to be maintained along the length of the access route, this will be limited to 10mph in areas of localised works, such as the widenings and bridge crossings whilst works are undertaken.	
4.7	Banksman are to control areas when interface of passing non-site vehicles and site plant will occur. Plant to cease work and give priority to public vehicles. Banksman to control when works resume.	
4.8	Lorries delivering to works area to have beacons on reversing alarms activated. Banksman will be deployed where appropriate.	

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Item No.	Details	Inspection Code
4.9	Parking for the works will be within the designated work space.	
4.10	No trenches will be left open at the end of a working day. At the end of each shift all areas of uncompleted work will be coned off or similar to prevent any access to the public and indicate to road users of ongoing work.	
4.11	All overhead services to be diverted or undergrounded prior to commencement of works if required.	
4.12	Staff from relevant utility companies to mark out location of buried apparatus.	
4.13	Set out temporary road signs & traffic management measures in accordance with the LPA and relevant codes of practise.	
4.14	Obtain daily a Permit to Excavate and ensure a daily briefing takes place for operatives.	
4.15	Perform a CAT scan of the area to be excavated.	
4.16	Confirm location and depth of buried services by hand excavation of trial holes.	
4.17	Divert and protect buried services as necessary.	
4.18	Erect temporary fencing and maintain access to farmland as agreed with land owners.	
4.19	Remove any drystone walls / fences / cattle grids and set aside for re-erection on completion of works	
4.20	Excavate unsuitable material using excavator and load to dumper for disposal or storage.	
4.21	Fill and compact trenches with crushed rock in layers not exceeding 200mm each. Cap the fill with Type 1 sub-base.	

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Item No.	Details	Inspection Code
4.22	Install steel road plates using Telehandler to protect services if required. Place road cones on temporary widening to prevent road traffic from disturbing the temporary surface.	
4.23	Lay surfacing as required. Refer to subcontractor method statement for details. (not provided at present).	
4.24	Reinstate any walls / fences / cattle grids in agreed locations	
4.25	Remove temporary signs and traffic management on completion of works.	

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5. Environmental Aspects (Risk Areas) Associated with Operation

From the Company's Environmental Aspects Register, the following significant aspects have been identified as having the potential to adversely impact on the environment:

Item No.	Details	Inspection Code
5.1	Fuel Storage: Fuel will be stored within approved containers as per Guidance note PPG 2.	
5.2	Waste: A Site Waste Management Plan will be prepared. Waste to be collected in covered skip and removed from site at regular intervals.	

Measures which have been, or will be, established in order to mitigate the potential impact of the above noted aspects (risk areas) are detailed on the appropriate Site Environmental Aspect (Risk) Assessment.

These can be found in the Appendices of the Construction Plan for this Project. For tender stage an Outline Environmental Risk Assessment has been completed for the whole site.

6. Relevant Regulations

- Health and Safety at Work Act 1974.
- Manual Handling Operations Regulations 1992, amended 2002.
- Provision and Use of Work Equipment Regulations 1998 (PUWER). Safe use of work equipment.
- Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995 (RIDDOR).
- Personal Protective Equipment at Work Regulations 1992.
- Control of Substances Hazardous to Health Regulations 2002 (COSHH).
- Noise at Work Regulations 1989.
- British Standards and UK Best Practices.

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Signature Page

I hereby confirm that I have read and understood this method statement and will adhere to its contents:

Name	Signature	Date