

REPORT

Boston Alternative Energy Facility – Environmental Statement

Appendix 1.1 Statement of Competency

Client: Alternative Use Boston Projects Ltd
Planning Inspectorate Reference: EN010095
Document Reference: 6.4.1
Pursuant to: APFP Regulations: 5(2)(a)
Reference: PB6934-RHD-01-ZZ-RP-N-3001_A1.1
Status: 0.0/Final
Date: 23 March 2021



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Document short title: Statement of Competency
Reference: PB6934-RHD-01-ZZ-RP-N-3001_A1.1
Status: 0.0/Final
Date: 23 March 2021
Project name: Boston Alternative Energy Facility
Project number: PB6934-RHD-01-ZZ-RP-N-3001_A1.1
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Date: 27/11/20 CG

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Date: 19/02/21 PS

Classification

Project related

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A1 Statement of Competency

A1.1 Introduction

A1.1.1 This Environmental Statement (ES) has been prepared on behalf of Alternative Use Boston Projects Limited (the Applicant) in relation to the Boston Alternative Energy Facility (herein ‘the Facility’). The Facility is a proposed Energy from Waste (EfW) plant which will have a generating capacity of approximately 102 megawatts electric (MWe) (delivering 80 MWe to the National Grid). A full project description is given in **Chapter 5 Project Description**.

A1.1.2 This ES describes the potential environmental impacts associated with the Facility including associated infrastructure, which may arise from the construction, operation (including maintenance activities), and decommissioning phases of the Facility.

A1.1.3 Royal HaskoningDHV was commissioned by the Applicant to coordinate the Development Consent Order (DCO) application process and produce the documentation necessary to consider the Facility’s impacts on all environmental receptors.

A1.1.4 Royal HaskoningDHV is supported through the Environmental Impact Assessment (EIA) process by several additional consultants who are responsible for particular specialist topics. The EIA Regulations require an ES to be compiled by ‘competent experts’. This appendix provides a statement of competency in EIA for the authors of the ES.

A1.2 Competent Experts

Royal HaskoningDHV

A1.2.1 Royal HaskoningDHV is a leading UK EIA consultant, successfully providing environmental, development and consenting support on a variety of developments across the UK and overseas. Royal HaskoningDHV holds the EIA quality mark from the Institute of Environmental Management and Assessment.

A1.2.2 Most of the technical impact assessments reported within the ES have been led by experienced technical experts from within Royal HaskoningDHV’s UK team. Two of the technical assessments are delivered by external professional organisations. The technical assessments draw on the very significant track

record of previous impact assessments Royal HaskoningDHV has successfully undertaken.

A1.2.3 Royal HaskoningDHV's lead authors are senior and chartered professionals with a significant track record in undertaking technical assessment and EIA in their discipline. The team comprises a dedicated core of specialists who take the lead role in the co-ordination and management and preparation of the ES. The core team is then supported by a wider team of experienced technical consultants taking responsibility of the data collection, data analysis and technical impact assessment.

A1.2.4 Royal HaskoningDHV undertook the technical impact assessment and were lead authors on the following impact assessment chapters within the ES:

- **Chapter 8 Cultural Heritage;**
- **Chapter 10 Noise and Vibration;**
- **Chapter 11 Contaminated Land, Land Use and Hydrogeology;**
- **Chapter 12 Terrestrial Ecology;**
- **Chapter 13 Surface Water, Flood Risk and Drainage Strategy;**
- **Chapter 14 Air Quality;**
- **Chapter 15 Marine Water and Sediment Quality;**
- **Chapter 16 Estuarine Processes;**
- **Chapter 17 Marine and Coastal Ecology;**
- **Chapter 18 Navigational Issues;**
- **Chapter 19 Traffic and Transport;**
- **Chapter 21 Climate Change;**
- **Chapter 22 Health;**
- **Chapter 23 Waste; and**
- **Chapter 24 Major Accidents and Risk Management.**

A1.2.5 Each lead author is a member of a relevant professional body and takes responsibility for the quality and veracity of the data gathered and used in the assessment, the impact assessment methodology to be undertaken, the impact assessments made, and any proposed mitigation and monitoring measures proposed. The lead author is usually supported by a team and their work is

subject to both technical and consistency review by a Technical Director and the ES core team.

- A1.2.6 Two of the technical assessments and associated ES chapters were undertaken by specialist consultancies outside Royal HaskoningDHV. These are **Chapter 9 Landscape and Visual Impact Assessment** (DRaW), and **Chapter 20 Socio-Economics** (Lichfields). Information about these companies are presented below.

DRaW

- A1.2.7 DRaW is an established Landscape Architectural consultancy providing a comprehensive range of landscape design and assessment services to public and private sector clients. It is a registered practice of the Landscape Institute and has a track record in adding value to a wide range of projects both in the UK and overseas.
- A1.2.8 Its chartered team of assessment professionals has in-depth knowledge of the current guidance in relation to landscape and visual assessment, and they seek to develop this further by continually developing new techniques and advancing the process to ensure their assessments remain robust and highly respected within the industry.
- A1.2.9 DRaW's specialists have undertaken assessments and have provided Expert Witness services for a wide range of developments throughout the UK. Projects include major residential settlement, industrial and commercial sites, wind farms, minerals and wastes sites, energy projects and major infrastructure schemes.
- A1.2.10 Mike Estell (BA (Hons DipLA CMLI) carried out the landscape and visual impact assessment in **Chapter 9 Landscape and Visual Impact Assessment**. Mike is a landscape architect and Chartered Member of the Landscape Institute. He has over 23 years' experience as a director of landscape architecture companies. Mike specialises in Landscape and Visual Impact Assessment. Project experience includes large scale infrastructure, energy from waste, port and pharmaceutical development. He develops landscape mitigation strategies, including the delivery of green and blue infrastructure projects. Mike is expert in

computer technologies including 3D CAD modelling, rendering and Zone of Theoretical Visibility analysis.

A1.2.11 Mike is a guest lecturer at Leeds Beckett University and has lectured in landscape architecture at The University of Sheffield.

Lichfields

A1.2.12 Lichfields are an experienced planning consultancy within the UK, and specialise in socio-economic impact assessment. Specifically, this assessment was carried out by Ross Lillico (Associate Director (BA(Hons) Economics, Member Institute of Economic Development (MIED), Member Economic Development Association Scotland) and Will Christiansen (Will Christiansen, Planner and Economics Consultant (BSc (Hons), MSc, Member Institute of Economic Development).

A1.2.13 Ross has more than a decade of experience in economics consultancy. During this time, he has produced socio-economic assessments covering a wide-range of major development proposals.

A1.2.14 Will also has recent experience of producing socio-economic chapters for residential and commercial development proposals.

A1.2.15 Lichfields hold corporate membership of the Institute of Economic Development (IED) with 12 registered members. The IED establishes the firm's professional standing, knowledge and expertise in the economic development sphere. Individual members of staff (including both Ross and Will) are also MIED and undertake regular Continuous Professional Development (CPD).