



# Shropshire Wildlife Trust

## Request for Quotation

**Supervising engineer** for the Morris Bridge water management scheme

### Overview of Shropshire Wildlife Trust (the contracting organisation)

Shropshire Wildlife Trust is a charity established in 1962 to conserve and protect Shropshire's wildlife. This is achieved by directly conserving wildlife and habitat, undertaking research and reconnecting people with wildlife.

Shropshire Wildlife Trust is a registered charity number 212744 and a company registered in England and Wales, number 729746. Registered Address 193 Abbey Foregate, Shrewsbury, SY2 6AH [www.shropshirewildlifetrust.org.uk](http://www.shropshirewildlifetrust.org.uk)

### Project Background

The Marches Mosses BogLIFE project (LIFE15 NAT/UK/000786) is a five year project running from 1 October 2016 to 31 December 2021. The project aims to restore Britain's 3rd largest lowland raised bog within the Fenn's, Whixall & Bettisfield Mosses and Wem Moss NNRs near Whitchurch, Shropshire and Wrexham in Wales. The LIFE project is led by Natural England working in partnership with Natural Resources Wales and Shropshire Wildlife Trust. The multi-million pound project is supported by an EU LIFE grant and The National Lottery Heritage Fund.

More information can be found at [www.themeressandmosses.co.uk](http://www.themeressandmosses.co.uk)

The partnership will restore lowland raised peatbog and fen lagg habitat but also improve the intellectual and physical access to the mosses. The works form part of the restoration of the outer areas of Whixall Moss (a lowland raised bog and Special Area of Conservation, SSSI and Ramsar site) back to lagg habitat, a community comprising fen, swamp and wet woodland with areas of open water. The land which until recently was used for agriculture has a history of flooding over most winter periods caused by the overtopping of Slack's Bridge Drain which flows through the site.

Historically this land formed as shallow peat at the edge of the Moss and peat soils still remain. This marginal habitat has been eliminated from almost all British raised bogs, making the opportunity for Shropshire Wildlife Trust (SWT) to restore it here of considerable importance. SWT is planning to ensure that shallow surface water conditions can be consistently maintained across parts of the area during the spring and summer to provide habitat favourable for waders and wildfowl, the development of wetland vegetation and

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improve the carbon storage. In addition, on the southern edge a bird hide and limited parking facilities are proposed.

The site comprises 4 individual fields. Fields 2, 3 and 4 are accessed from Moss Lane, Whixall, with Field 1 accessed from Field 3. To aid construction it is intended to provide a temporary crossing of Slack's Bridge Drain upstream of Moss Lane to link Fields 2 and 4.

The main items of works are as follows:

- Construction of accesses from Moss Lane into the site (Fields 2 and 3).
- Construction of a temporary access culvert in Slack's Bridge Drain to link Fields 2 and 4.
- Replacement of 2 no culverts within the Moss Lane accesses.
- Construction of floodbanks around the perimeter of the area to be restored.
- Excavation of ponds to provide a source of clay for the floodbank construction.
- Haulage of excavated spoil within the site to construct the floodbanks.
- Construction of a car park and access track within Field 3.
- Construction of connecting and discharge pipes to and from Slack's Bridge Drain, to provide a source of flood water once the floodbanks are in position.
- Erection of temporary fencing complete with gates to maintain security of the site.

## Specification

We require a Supervising Engineer to review all topographic, drainage, geotechnical and environmental surveys undertaken to date and to assist SWT to appoint a suitably qualified contractor to carry out the construction phase of the work

The Supervising Engineer will be responsible for the following:

1. Use of the existing conceptual designs to produce detailed design drawings for an invitation to tender.
2. Revise the 32 conceptual drawings to contractual drawings.
3. Undertake all duties under CDM regs both at pre design stage and also construction stage.
4. Prepare Contract Documents, seek tenders and review tender responses; recommend appointment of Contractor to SWT and manage the contract at construction stage.

Note: Planning Consent for the works is presently being sought from the local planning authority together with Ordinary Watercourse Consent.

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## Documents available

- 32 conceptual drawings
- Flood risk assessment
- Draft contract document and bill of quantities
- Maps of utilities
- Geotechnical investigation report
- Preliminary ecological assessment
- Shadow habitat risk assessment

## Submission

Quotations should be provided in pounds sterling and remain valid for minimum of 3 months from the quotation return date.

Please include the following -

Company Name:	
Methodology:	
Schedule – estimated duration of works:	
Company experience in conducting similar projects:	
Details of two references (independent from your organisation) who SWT could contact:	
Named individuals who will be involved in the project, relevant qualifications and their experience of conducting similar work:	
Details and level of insurance cover which will be provided for the quoted work:	Public Liability: Professional Indemnity:
Assumptions used in quotation:	
Price breakdown to include estimated time to complete with hourly rates where relevant.	

Quote should be returned by email to Helen Trotman, [helent@shropshirewildlifetrust.org.uk](mailto:helent@shropshirewildlifetrust.org.uk) by 2pm on Friday 6<sup>th</sup> September 2019.

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