STORM PROJECT: Environmental Sensing Technician, 2.5 years fixed term £22,500-£25,000 p.a.

Mellor Archaeological Trust Trustees are seeking to employ an ENVIRONMENTAL SENSING TECHNICIAN to support them, and other UK partners, in delivering the UK element of the EU funded project STORM. STORM is a €7.2M project and has 20 partners across the EU. Further STORM information available at the website: http://www.storm-project.eu/

Overview

About the Mellor Archaeological Trust

The Trust was formed in 2000 following the discovery in 1998 of an Iron Age ditch in the garden of The Old Vicarage next to Mellor Church. Excavations continued to 2009 and have been described as the largest excavation for a generation of a hill fort in North West England "with results as important as those at Beeston Castle". There have been finds from Mesolithic, Neolithic, Bronze Age, Iron Age, Romano-British and Medieval times. In 2007, the Trust extended its activities to cover the whole history of the whole Parish of Mellor. Digs, which are continuing annually, at the Bronze Age burial site of Shaw Cairn on Mellor Moor included finding of nearly 100 beads of an amber necklace in 2008/9. Current work is focused on Mellor Mill, the largest and most impressive cotton mill in the world when it was built in 1790-92. It was burnt out in 1892. The area became woodland, which is now being converted into a small country park showing the remains of the mill and other buildings. The trust has been successful in securing a number of grants from The Heritage Lottery Fund, Association for Industrial Archaeologists, The Co-Operative Community Fund, The NatWest Community Fund and now the H2020 European Union Fund.
Further Trust Information available at the website: http://www.matrust.org.uk/

The Post

This post, reporting to The Chair Mellor Archaeological Trust, is for a fixed-term (maximum 2.5 years) Environmental Sensing Technician with responsibilities for the design, installation and monitoring of fixed climate stations, environmental sensors and other environmental sampling for the EU STORM project. This post will also liaise with representatives from all five EU STORM case study sites, in Italy, Portugal, Greece, Turkey and UK, over climate monitoring.

Informal Enquiries

Informal enquiries about the post may be made to Bob Humphrey-Taylor, Chair Mellor Archaeological Trust, Worthington Barn Farm, Knowle Road, Mellor, Stockport SK6 5PL. Tel: 0161 484 5917, Mobile: 07710 964046, Email: bobh-t@ntlworld.com or chair@MATrust.org.uk

Application Process

Application Letters with a full CV to:
bobh-t@ntlworld.com
or by post to:
Bob Humphrey-Taylor,
Chair Mellor Archaeological Trust,
Worthington Barn Farm,
Knowle Road,
Mellor,
Stockport SK6 5PL

Closing Date for Applications - Wednesday 21st September 2016

Interviews week commencing Monday 26th September

Expected start date – October

Role Detail

Role Purpose

The primary purpose of the Climate Technician is the delivery of technical services to the UK Partners of STORM for the gathering of real-time and past environmental data, with a specific focus on the design, installation and monitoring of fixed climate stations and other environmental sampling. Users of this data will include the UK STORM partners, STORM national partners, and the public. Therefore the post holder will also liaise with representatives from all five European STORM case study sites over climate monitoring.

Responsibilities

- To provide technical and maintenance support for the fixed climate stations and other environmental sensors.
- Undertake the selection, installation and fixed climate stations and other environmental sensors, as appropriate.
- To provide specialist advice in order to develop the fixed climate stations and climate and environmental sampling strategies.
- Provide specialist consultation to STORM partners regarding the gathering and monitoring of climate data.
- To demonstrate the correct methods and techniques for a range of specialist equipment relating to the Laboratories and Facilities, to both staff and students, either on a one to one ad-hoc basis, or within scheduled groups.
- To have due regard for the security, safety, installation and maintenance of the equipment including Risk assessment, to ensure that the fixed climate stations continue to meet the minimum standards required.
- To provide advice and assistance in future development of teaching and learning applications
- Liaise as necessary with UK and EU STORM partners.
- Work effectively within a multi-skilled team environment, providing support and knowledge to others where required.
- Maintain a self driven, up to date knowledge of current developments in the specialist area and use this to inform the future development of the Project.
- Perform other duties required by the Chair of MAT for the project from time to time.
- This role detail is a guide to the work you will initially be required to undertake. It may be changed from time to time to meet changing circumstances. It does not form part of your Contract of Employment.

Person Specification

Qualifications

	The successful candidate should have:	Essential/ Desirable	Tested by* A, I, P, T
1	Hold an MA or PhD Degree in Climate or Environmental Studies and related areas;	E	A
2	GCSE English & Maths at grade C or above.	E	A

Background & Experience

	The successful candidate should have:	Essential/ Desirable	Tested by* A, I, P, T
3	Experience of working with climate stations	E	A, I,
4	Experience of environmental sampling and remote sensing	D	A, I
5	Experience of climate/environmental monitoring	E	A, I
6	Experience of maintaining health & safety policy and procedures;	D	A, I
7	Experience of relevant computer software and programming language	E	A, I
8	Experience of writing project reports and updates	E	A, I

Knowledge

	The successful candidate should have demonstrable knowledge of:	Essential/ Desirable	Tested by* A, I, P, T
9	Climate data capturing	E	A, I
10	Environmental sensor monitoring and analysis	E	A, I
11	Data processing	D	A, I

Skills & Competencies

	The successful candidate should demonstrate:	Essential/ Desirable	Tested by* A, I, P, T
12	Experience of community engagement and communication, negotiation and persuasion skills	D	A, I
13	Ability to act decisively, delivering successful outcomes based on informed business judgement;	D	A, I
14	A desire to continuously improve and remain adaptable to change, where appropriate.	E	A, I

*A = Application form, I = Interview, P = Presentation, T = Test