



INVITATION TO QUOTE FOR SERVICES

Dear Sirs

REQUEST FOR QUOTATION FOR WEB TOOL DEVELOPMENT - HF RADAR STATION

We would like to invite you to submit your fixed price quotation, excluding VAT, for the requirements set out below by 1200 noon on Friday 3rd August 2018. Please provide a fixed price to complete a final release product with a Go-Live of no later than Friday 28th September 2018. No costs other than those shown in the quotation will apply. Your Quotation must be valid for 90 days. You must respond to Steven Rice, MARINE-i Project Manager via: steven.rice@plymouth.ac.uk.

FUNCTION

The University of Plymouth (UoP) seeks proposals to develop an interactive mapping and data visualisation tool, to provide interactive access to UoP's HF Radar Station data on the north coast of Cornwall. The HF Radar Stations capture wave and current data within a defined area of sea surface. The challenge is to provide industry and the public with visual map based access to the data online, and the functionality for the registered user to interactively interrogate the platform. The platform should be designed with open source software with the intention to be hosted on a University server and linked to/from UoP's website. The vision is an interactive mapping tool which permits users to access either time series data or images at specified points or raster maps (images or data) at specified times. Point or time selection should either be by mouse selection or search capability. The provision of an online platform will offer tangible access to the facility on a real time basis for the user.

PERFORMANCE

To develop a map tool providing users with visual representation of the HF Radar Station area of coverage at sea. Existing data from the facility is to be available to the user, both in low resolution (abbreviated) and high-resolution (comprehensive) forms by interacting with the tool.



BUDGET

This call for tender is to satisfy the needs of a project funded by the European Regional Development Fund (ERDF) to an operating budget of £10,000 excluding VAT, available to fund all activities inclusive of design, development, implementation, test and review.

MILESTONES

UoP requires delivery of the tool by no later than Friday 28th September 2018, with concepts delivered by Friday 31st August 2018 and a beta available for test by Monday 24th September 2018.

TECHNICAL

The HF Radar Station data is already captured and stored on two MySQL databases located on two University local computers. UoP's website is maintained and developed by an internal web team, who will be the primary contact point for the supplier and who will co-ordinate alignment with the UoP website's required accessibility compliance and style guide.

All proposals are required to include details concerning:

- Visual and technical approach (incl example imagery)
- Resource requirements
- Accessibility compliance (to match University website) with
 - <https://www.w3.org/TR/WCAG21/>
 - and
 - <https://webaim.org/resources/contrastchecker/>
- Responsive design for multiple devices
- Compatibility/link with existing UoP website
- Hosting requirements must be specified and the contractor must agree to assist university staff to install the platform.
- Breakdown of total costs
- Breakdown of work package timescales and milestones

Suppliers are welcome to propose costs greater than £10,000, provided detailed plans including clear value for investment are supplied.



European Union

European Regional
Development Fund

It is envisaged the Contract will commence on Monday 13th August 2018, or sooner where possible.

Please note that by providing us with a quotation you agree to be bound by University Of Plymouth Terms and Conditions for the Purchase of Goods & Services, which are available on our website. These will apply to any Purchase Order awarded upon receipt of a satisfactory quotation. No other terms and conditions will apply.

For enquiries regarding the function of the web tool, please contact Steven Rice on steven.rice@plymouth.ac.uk | 01752 588 301.

For enquiries regarding technical integration with university web infrastructure, please contact Rebecca Lee on rebecca.lee@plymouth.ac.uk | 01752 588 006.

For enquiries regarding HF Radar Station data, please contact Daniel Conley on daniel.conley@plymouth.ac.uk | 01752 584 561.

Quotations should be submitted to steven.rice@plymouth.ac.uk by **1200 noon** on **Friday 3rd August 2018.**

Yours sincerely

Steven Rice | MARINE-i Project Manager

Email: steven.rice@plymouth.ac.uk

Telephone: 01752 588 301