

## **Request for Web Developer Services in connection with the ICT Tools for the diagnosis of Auto Immune Diseases in the Mediterranean Area (ITAMA) project C1-1.1-18 under Interreg Italy-Malta 2014-2020 Programme.**

**ITAMA** is an interdisciplinary project financed by the INTERREG V-A Italia-Malta programme. The project is under the lead of the Department of Physics and Chemistry of the University of Palermo. Other partners of this project are the University of Messina, Mater Dei Hospital, the Malta Ministry of Health and AcrossLimits Ltd.

The overall objective of the ITAMA project is to activate a network between research and productive environments in the healthcare sectors to develop innovative ICT Tools for the diagnosis of Autoimmune diseases (MAI) and related technology tool transfer.

As the IT partner for the project, AcrossLimits needs to acquire the services of a Web Developer to develop a Java based online GUI application that will be used to record clinical and laboratory data. The GUI will be used to:

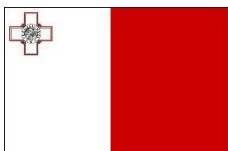
- record data (DAQ)
- consult the master database (QUERY)
- feed into a Decision Support System (DSS) using the gathered data
- output the results in a structured manner.

The place of acceptance of works shall be the AcrossLimits offices and the execution of the contract shall be between December 2018 and May 2021.

### **Specific Activities**

The Web Developer is expected to carry out the following activities:

- Gather functional and non-functional requirements of the application to be developed
- Review of available documentation reports, instructions and visual mock-up
- Discuss with University of Palermo the API technical specifications and requirements
- Provide the components/systems developed in the test environment
- Conduct system testing, providing test plans, test cases and relevant testing documentation.
- Assume a leading role in the implementation of the Solution
- Provide training on application usage to a group of 5-10 people
- Ensure that the software development, quality management and configuration management are executed in a quality approach that is acceptable to AcrossLimits.
- Comply with Best Industry Practices and operate with industry leading methodologies and project management techniques.
- Provide user manual documentation in English and Italian
- Plan, organise and execute all activities related to the development and implementation of the Solution
- Liaise with the Project Partners as required
- Identify and resolve any issues that may affect the successful execution of contractual obligations.
- Organise and participate in any meetings as may be required and provide documented minutes.
- Produce and maintain an Implementation Plan to cover all activities.
- Perform risk management and escalate accordingly to AcrossLimits Project Manager
- Perform SW development activities as per AcrossLimits' business needs



### The right applicant should:

- Possess the following set of skills:
  - Excellent knowledge of PHP
  - Knowledge of Web API's (RESTful)
  - Ability to recreate a GUI environment based on available visual layouts
  - Knowledge of Responsive Design Practices
  - Proficiency in HTML5, CSS3 and JavaScript
  - Fluency in Italian Language
  - Knowledge of Popular PHP Frameworks (not a prerequisite but would be considered as an asset)
- Provide an application letter including a detailed CV and a Portfolio of works to [info@acrosslimits.com](mailto:info@acrosslimits.com)
- Provide an indicative hourly rate expected for the performance of such services
- Have a valid VAT number
- Have own IT equipment needed for the project execution (laptop/notebook/etc)
- During the adjudication period, AcrossLimits will ask all candidates meeting the technical requirements to sit for an ability assessment in the form of a practical task that will be conducted remotely. This test will have a duration of 3-6 hours. Applicants will be informed about assessment details via email and results must be submitted within 5 working days from receiving the email. If the test results are not submitted within the specified timeframe, the application will not be considered any longer

### What AcrossLimits offers:

- A welcoming working environment within a friendly and collaborative young team
- A Project Manager to support with any project issues along the execution
- The project is estimated to take between 10 and 20 hours of work per month along the 2-year duration.
- Upon contract signature, AcrossLimits will agree with the applicant upon a fixed hourly rate for the services requested. The hourly rate will be based on experience and practical assessment results. The developer must provide timely monthly invoices based on timesheets with details of worked hours per day for the previous month. Regular monthly payments will be effected every end of month as follows:
  - 90% of the monthly invoice will be paid at the end of the following month
  - 10% balance of each monthly invoice will be retained until the official finalization of the ITAMA project in May 2021.
  - Once the project is finalised, the retained balance shall be paid to the contractor as a lump sum against invoice.

### Deadline for applications:

Applications will be accepted until 30<sup>th</sup> November, 2018.

