

Terms of Reference Senior Software Developer

Introduction

To strengthen the overall mechanisms to manage the services provided to the public from Ministry of Economic Development (MED), the Ministry has decided to develop and enhance the existing systems of MED.

Initial assessments of the existing systems reveal that several processes can be further streamlined while minimising the use of physical documents and improving the service delivery, and new systems are required to be further enhanced for additional service delivery. Additionally, to migrate to and implement revised policies, substantial changes need to be made to the existing systems. It was also identified that system gaps prevent MED as the service provider and regulator to track compliance of employers and to measure its service performance on a timely basis. Furthermore, some of the modules of the existing systems are not fully online, requiring manual data entry by staff leading to inefficiencies in services delivery while lack of in-built smart features within the system neither empower user to monitor compliance level nor does it notify users of outstanding obligations in relation to their requests. Feedback received from both internal and external users indicate that the systems require changes to make it smarter and more user-friendly.

Scope of work

With the overall guidance and direction from MED, the consultant is required to develop, enhance and maintain the systems related to services provided to the public from MED.

In developing and enhancing the systems, the consultant should recommend design methods to improve user friendliness, system performance and versatility of the systems developed and enhanced. The consultant is also encouraged to make recommendations on improving the process flows.

In developing and enhancing the systems, the consultant shall give due consideration to the following aspects.

- Draw business or individual information from existing master databases managed by the government (e.g., DNR database for individual information, business permits issued from other regulatory authorities etc.)
- Ensure that the new databases developed under this consultancy are compatible with other systems that will be integrated under the project (e.g., Pension systems data, PISCES data for border entry/exit information).
- Ensure that new databases developed are structured in such a way such that it easier to manage and optimize system performance.
- The systems shall be developed and enhanced as per the Software Requirement Specifications approved by the respective system owners.
- Factor in the system gaps already identified and consult with both internal and external users, senior officials of MED to ensure system developments are made in line with policy and legal parameters and taking into consideration the view of users.
- Design and develop the systems in a manner that will enhance system efficiency and facilitate optimization of end users experience.

Major Functions

- Researching, designing, implementing, and managing software programs
- Testing and evaluating new programs
- Identifying areas for modification in existing programs and subsequently developing these modifications
- Writing and implementing efficient code
- Determining operational practicality
- Developing quality assurance procedures
- Deploying software tools, processes, and metrics
- Maintaining and upgrading existing systems
- Training users
- Working closely with other developers, UI/UX designers, business systems analysts

Experience/ Skills/Qualification Requirements

The developer should have a master's degree in software engineering or related field with a minimum of 5 years of development experience OR, a degree in software engineering or related field with a minimum of 10 years of software development experience AND, should be fluent in Microsoft ASP.NET Core/MVC, C#, and Microsoft SQL server environment. Having worked on similar system development projects and other programming languages including ASP.NET Web Forms will be an added advantage.

Immediate Supervisor and reporting

On a day-to-day basis the successful candidate will report to the Head of IT Section of the Ministry of Economic Development and shall report to other relevant officials in the Ministry of Economic Development as instructed by the Head of IT Section and the Permanent Secretary.

Contract Duration

12 months from the date of contract signing.

Monthly Remuneration package inclusive of all benefits:

MVR 38,000.00

Working Hours – 8:00am - 4:00pm weekdays with 1 hour lunch break. The successful candidate shall be available to work in the Ministry premises during Government official working hours.

Application deadline – 08 October 2023 before 12:00hrs. Send all applications in a sealed envelope addressed to Human Resource Unit of Ministry of Economic Development with CVs, copy of National ID card, copies of certificate and reference letters of any previous jobs. In the envelope, clearly label as "Software Developer". For further information or queries write to hr@trade.gov.mv or contact 3323668 during weekdays from 8am-2pm.

Note: Only shortlisted candidates will be contacted for an interview. The shortlisted candidates will be subjected to a face to face interview and practical test.