بسم الله الرحمن الرحيم

National Centre for Information Technology
64, Kalaafaanu Hin'gun, Male', Republic of Maldives

Date: 09th November 2022

Announcement Reference no: (IUL)164-HR/1/2022/128

Project	Digital Development Project
Initiative	Digital Identity Initiative
Position	Mobile Application Engineer
Vacancy	1
Type of Contract	Individual
Duration	24 Months

Terms of Reference

1. BACKGROUND

The Ministry of Environment, Climate Change and Technology (Ministry) through the National Centre for Information Technology (NCIT) is implementing the Digital Development Action Plan from the National Resilience and Recovery (NRR) Plan of the Government. The Project will be managed by the Project Management Unit (PMU) setup within NCIT and reporting to and working under the guidance of the Ministry.

The aim of the Project is to deliver on the digital development pledges of the Government, establishing the foundational components to drive the development of digital government, digital economy and digital society. The Project will prioritize the establishment of a government technology stack and open data platform, enhancing government productivity, enable work from home and hybrid workplaces, enhancing the regulatory framework for digital development, and digital transformation of health and national care systems.

2. OBJECTIVES OF ASSIGNMENT

The Ministry intends to hire a Mobile Application Engineer. The Mobile Application Engineer will work for the PMU, which has been established for the implementation of the Project. The Mobile Application Engineer will work as part of a team to develop a Digital Identity platform to support the delivery of the

Digital Development Action Plan. The Mobile Application Engineer will support the Senior Software Engineer in the design, implementation, and overall management of the Digital Identity platform.

3. OVERALL RESPONSIBILITY

The overall responsibilities of the Mobile Application Engineer include, but is not limited to the following:

1. Develop, test, deploy, bug fix and support software platforms;

2. Follow best practices in Software Development with a special emphasis on Test Driven Development (TDD).

3. Write, revise and maintain software program documentation, operations documentation, and user guides in accordance with standards.

4. Support the Senior Software Engineer and Project Coordinator in planning, management and reporting on the progress of implementation of the Digital Identity Initiative in accordance with the Digital Development Action Plan by the Ministry.

4. SCOPE OF SERVICES

The position is within the PMU of NCIT and will be under the supervision of the Senior Software Engineer leading the development of the Digital Identity Initiative. In addition, his/her duties will include, but will not be limited to:

1. With the guidance from Senior Software Engineer design, code, test, debug and maintain the Digital Identity platform.

2. Determine operational feasibility by evaluating analysis, problem definition, requirements, solution development and proposed solutions.

3. Write, revise and maintain Standard Operating Procedures, software program documentation, operations documentation, and user guides following standards practiced by NCIT. The

documentation must be clear and detailed and should use tools such as UML, flowcharts, layouts, diagrams, charts, code comments and clear code.

4. Ensure and enforce that all development activities are carried out in accordance with the set standards in the organization and fully adhere to change and configuration management best practices set forth by the Project Coordinator.

5. Prepare and install solutions by determining and designing system specifications, standards and programming.

6. Work collaboratively with other departments and divisions to achieve organizational goals and accomplish the organization's mission by completing related results as needed.

7. Collaborate with the Digital Identity team to brainstorm and create new products.

8. Any other duties that may be assigned from time to time.

5. QUALIFICATIONS AND EXPERIENCE

1. First Degree/ Professional Certificate in Computer Science or related field, with professional work experience of 1 to 7 years or 7 to 10 years or 10 years or more;
   OR
   Masters' Degree and above in Computer Science or related field, with professional work experience of 1 to 5 years or 5 to 7 years or 7 years or more;

2. Must have 2+ years' work experience in designing and developing software solutions using either .NET, Java, PHP(Laravel) or NodeJS with either MySQL, Postgres, MSSQL, MongoDB, MariaBD, Oracle.

3. Demonstrates good oral and written communication skills in substantive and technical areas. A thorough knowledge or demonstrated ability to rapidly acquire knowledge about technical assessments, research processes, procedures for performance monitoring and evaluation;

4. Should have strong leadership, management, and proactive interpersonal communication skills in presenting, discussing, and resolving difficult issues, and have the ability to work efficiently with a technical team.

5. Capability to work independently.

6. Must give attention to details even under pressure.

7. Time management skills with the ability to meet deadlines.

8. ADDED ADVANTAGE - ADDITIONAL SKILLS/EXPERTISE

1. Experience in .NET Core will be an added advantage.

2. Strong programming background with knowledge in modular based programming and use of emerging trends.

3. Knowledge of different databases (MySQL, Postgres, MSSQL, MongoDB, MariaDB, Oracle) and database types (centralized, distributed, real-time, relational etc.).

4. Experience in administering production level databases with proficient understanding of SQL.

5. Mobile Application Development experience for iOS and/or Android.

6. Good graphics skills and knowledge in UI design to improve the usability of systems.

7. Project Management Skills – Good planning, scheduling, and analytic skills.

8. Experience with cloud services such as AWS, Digital Ocean, Google Compute Engine, Oracle, Microsoft Azure or similar products.

9. Knowledge/experience in IT service management will be an additional advantage.

10. Knowledge and understanding of technical, commercial and legal aspects of government procurement will be an added advantage.

9. SCHEDULE FOR THE ASSIGNMENT

Duration of the assignment is 24 months with the potential extension based on need and performance. The successful candidate is expected to commence the services in November - December 2022.

This position is based at the PMU at the National Centre for Information Technology.

10. REMUNERATION AND OTHER BENEFITS

1. MVR 25,300 – 36,000 per calendar month, based on education and experience, as remuneration for the services provided.

2. Training and travel expenses under the PMU as budgeted under the Project and approved by the Ministry.

3. Participate in the "Maldives Retirement Pension Scheme"

4. Ramadan Allowance

5. Leave in accordance with the rules and regulations of Maldives

11. REPORTING OBLIGATIONS

The Mobile Application Engineer:

1. The role is based within the Project Management Unit under the Digital Identity Initiative and will be required to provides support to internal and external customers.
2. Shall report directly to the Senior Software Engineer on all aspects of the Digital Identity infrastructure throughout the duration of the contract.
3. Is expected to report to work on weekdays from 0800 – 1400 hours other than public holidays and provide services for an average of 44 hours a week.
4. Shall provide all the necessary report and updates to the Project Coordinator and Project Director whenever needed.
5. Is required to report to work in official attire.

12. SERVICES AND FACILITIES

1. Office space and other facilities such as computers will be provided as required.

13. SELECTION CRITERIA

1. The Digital Identity Specialist will be selected based on the following criteria's

Criteria	Points
Educational Qualification (Section E)	10
Work Experience (Section E)	20
Additional Skills/ Expertise (Section F)	30
Interview	40

14. APPLICATION

1. Curriculum Vitae (clearly stating the starting and ending month and year for previous experiences).
2. Copy of National ID Card.
3. Copies of Academic Certificates.
4. Certificates/ Letter of completion from the university.
5. Employment Verification Letter from previous employer(s), detailing the works carried out, details of technologies and equipment involved in the work and duration of the responsibilities.
6. Candidates must submit additional documents to prove expertise/experience in areas highlighted in section.

15. SUBMISSION

Interested candidates may email their proposals on or before 1300hrs of 17th November 2022 (Thursday) to the following address. Note that the time that the email is received will be considered as an on-time submission.

Human Resource Section

jobs@ncit.gov.mv

National Centre for Information Technology

No 64, Kalaafaanu Hingun

Male', 20064, Republic of Maldives