



MINISTRY OF HOUSING AND URBAN DEVELOPMENT

Male', Republic of Maldives

Software Developer for Ministry of Housing and Urban Development

F e b r u a r y 2 0 1 9



Title: Software Developer

A. SUMMARY

Ministry of Housing and Urban Development is seeking a well-qualified and experienced Software Developer. This candidate's primary responsibility will be to participate in development of new systems and enhancements to an existing system from concept to launch as part of a cross-functional project. The Software Developer's responsibility is to design, implement, and test solutions that result in compelling, easy to use systems. Software Developer will be responsible for demanding and rewarding duties related to the development. If you are the right candidate for this position, you must have a combination of appropriate experience with web-based application and server-side technologies relating to experience with databases and data-driven application systems, a history of working successfully in small innovative software teams, and a flexible, upbeat approach to working with colleagues.

B. ESSENTIAL DUTIES AND RESPONSIBILITIES

- Develop a national housing database and implement a web based portal that involves establishing an online platform to access data and render services related housing programs and schemes.
- Develop a mobile application for the web based portal which can be easily utilized by citizens and to ensure the timely delivery of the mobile application.
- Develop software solutions by studying information needs; conferring with users; studying systems flow, data usage, and work processes; investigating problem areas; following the software development lifecycle.
- Develop features across multiple subsystems within our applications, including collaboration in requirements definition, prototype, design, coding, testing and deployment.
- Understand how our applications operate, are structured, and how users use them.
- Investigate, analyze and make recommendations to management regarding technology improvements, upgrades and modifications.



Ministry of Housing and Urban Development

Male', Republic of Maldives.

ދިވެހިސަރުކާރުގެ ގެޒެޓް ގައި ބަޔާންކޮށްފައިވާ ގޮތުން
މާލެ، ދިވެހިރާއްޖެ.

- Determine operational feasibility by evaluating analysis, problem definition, requirements, solution development, and proposed solutions.
- Document and demonstrate solutions by developing documentation, flowcharts, layouts, diagrams, charts, code comments and clear code.
- Prepare and install solutions by determining and designing system specifications, standards, and programming.
- Improve operations by conducting systems analysis; recommending changes in policies and procedures.
- Provide information by collecting, analyzing, and summarizing development and service issues.

C. EDUCATIONAL QUALIFICATION

Bachelor's degree in Software Engineering, Information Technology, Computer Science or similar technical discipline.

D. SPECIFIC KNOWLEDGE / REQUIRMENTS

- Experience as a software developer; demonstrated success developing a variety of software systems while taking on increasing responsibility for analysis, design, implementation and deployment tasks.
- Experience in developing data-driven application utilizing significant relational database engines as part of the overall application architecture (experience with any or all of the following highly desirable: MySQL, Oracle, SQL Server).
- Experience in building web-based software systems, utilizing dynamic content, highly-scalable approaches, and complex security models / implementations.
- Familiar with server operations.
- Proficiency developing and troubleshooting complex software systems that run in mixed-environments including Linux, Unix and/or Windows on desktop, server, tablet, and mobile systems



Ministry of Housing and Urban Development

Male', Republic of Maldives.

ދިވެހިސަރުކާރުގެ ގެޒެޓް ގައި ބަޔާންކޮށްފައިވާ ގޮތުގައި
ދިވެހިސަރުކާރުގެ ގެޒެޓް ގައި ބަޔާންކޮށްފައިވާ ގޮތުގައި

- Previous experience configuring and using any or all of the following highly desirable: HTML[5], PHP, CSS3, TCP/IP networking, Push, LAMP stacks Web services APIs through web services
- Able to **develop/code** a fully functional system with a short **period of time**.
- Experience in related projects would be an added advantage.
- Developer should be based in Ministry of Housing and Urban Development head office, Housing Department.

E. REMUNERATION

Software Developer will be remunerated on a monthly basis. Monthly salary shall be MVR 16,000.00 (*Sixteen Thousand Rufiyaa only*).

F. REPORTING OBLIGATIONS

1. Report directly to the designated person on all aspects of work throughout the duration of the contract.
2. The Software Developer shall ensure that all the required technical reports for the project are prepared on time, in accordance with the requirements of Client and respective donor agencies.
3. The Software Developer is required to report to work in official attire.

G. SCHEDULE FOR THE ASSIGNMENT

The successful Personnel must be available to commence the services in February 2019. The estimated services provided under the proposed contract will be 1 year duration initially, with the possibility of extending the contract as per the requirement of the project.



Ministry of Housing and Urban Development

Male', Republic of Maldives.

ދިވެހިސަރުކާރުގެ ގެޒެޓް ގައި ބަޔާންކޮށްފައިވާ ގޮތުން
މި ސަރުކާރުގެ ގެޒެޓް ގައި ބަޔާންކޮށްފައިވާ ގޮތުން

H. SERVICES AND FACILITIES TO BE PROVIDED BY THE CLIENT

1. Office space and other facilities such as computers will be provided to the Software Developer as required at the Ministry of Housing and Urban Development.
2. Local transport for official travel between Male', Hulhule' and Hulhumale' will be provided from the project.
3. Leave Entitlement
 - a) All the National/public holidays that is observed by the Government of Maldives.
 - b) Any other absence or leave from input days apart from mentioned above will have a deduction of 1/22 of the monthly salary per day.

I. DATA, SERVICES AND FACILITIES PROVIDED

Ministry of Housing and Urban Development will provide office space, equipment and communication facilities required for the execution of works.