

TERMS OF REFERENCE – Software Engineer (SE)

A. BACKGROUND:

The Government of Uganda through Uganda Investment Authority and its partners, has made significant progress in the use of ICT to improve access to the provision of Government services to citizens and businesses. At Uganda Investment Authority, through the Investment One Stop Centre (OSC), several Government entities have been linked together through integration in order to provide citizens and investors access to critical business services in one place both physically and electronically (eBiz portal). As a result of growing interest, both the physical OSC and eBiz platform are being continually developed.

B. OBJECTIVES:

The Software Engineer (SE) will sustain the development of the e-Biz software platform to promote integration of Government processes relevant to investment, interoperability, and sharing of information among the key agencies at UIA.

S/he will undertake action to ensure targets are met within established safety and quality procedures, including handover. S/he will: conduct and participate in the testing of software using established test procedures and tools; correct malfunctions, calling on other experienced colleagues and external resources if required; document details of all software items that have been installed and removed so that configuration management records can be updated; develop installation procedures and standards, and schedule installation work. S/he will provide specialist guidance and mentorship to less experienced colleagues to ensure best use is made of available assets, and to maintain or improve the software services.

C. SCOPE AND RESPONSIBILITIES

The main duties of ICT Infrastructure Engineer include:

- Design and implement software solutions that adhere to current architecture standards in order to support the systems and services used by the organisation;
- Determine the extent to which solutions perform “as required” within the current environment to ensure that future solutions meet anticipated demand;
- Ensure that installations are completed on time, cost and quality, so as to minimise operational and project risk and ensure costs are contained;
- Ensure that the testing and handover of implemented solutions are conducted as per organisational standards, therefore reducing the risk and adverse impact of change
- Manage conflicting and/or concurrent software upgrade, and/or refresh projects and programs

Key Skill Mix:

- Planning, Strategy and Solution & API development – Advanced

- Service Management, Service Operation – Medium
- Training and knowledge transfer - Medium.

D. TIME FRAME

The initial contract will be for One year, subject to annual extension based on satisfactory performance, and/or mainstreaming into the broader UIA structure. The IIE will report to the Director One Stop Centre, and will work with other members of the core ICT team to perform the assigned tasks and roles.

E. QUALIFICATIONS AND EXPERIENCE

- A higher degree in Computer Science, Software Engineering, or related field from a recognized University plus a professional certification in software development (any 4GL is required);
- At least 5 years working experience as Software Developer on enterprise level projects in a mission critical environment; Extensive knowledge in Web application development, Windows Services, and application security;
- Knowledge and experience using the ORACLE, MS-SQL database and experience in JAVA ASP.Net framework, C++, HTML5, XML and UNIX (Required)
- The applicant must have written demonstrable professional code preferably on some enterprise level/large application(s).
- Proven database programming with PL SQL, SQL / Optimization (expert level), Oracle/SQL Server (Large Scale Systems), Mobile & GIS dev. experience will be an added advantage.
- Successful applicant will have prior experience in taking over the enhancement of code intensive applications;

F. REMUNERATION AND BENEFITS

A monthly gross salary of 6 million shillings subject to statutory deductions, plus a monthly employer's NSSF contribution of 10% of employee's gross; a contract gratuity calculated at 20% of annual gross and membership to UIA's Health Services Insurance Scheme will be provided; Capacity building and certification training where affordable and necessary, will be provided to the right candidate.

UIA does not discriminate based on Gender or any other criteria. All qualified **Ugandans** are encouraged to apply.

Send applications to:

The Head - Human Resource Management

Uganda Investment Authority

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