Terms of Reference

Transferring Government websites from GIDC new PAAS environment (LOT II)

1. Introduction

The Re-engineering Government Programme (Re-Gov) of the ICT Agency (ICTA) of Sri Lanka initiated the government web development project in year 2005 to increase the web presence of government and promote the web usage in the government. Up to now, more than 500 trilingual Unicode compliant websites have been successfully launched for the government departments, ministries, district secretariats, divisional secretariats and other government entities. Most of the government organizations provide information and servers though their website to the citizens.

2. Background

ICTA provides web hosting facility to government websites are deploying in Government Information Data Center's (GIDC) servers. Currently there are around 500 websites hosted in GIDC server on LAMP Stack.

The limitation in the current deployment environment has created issues related to security and management of the websites. Though the regular content updates of the websites are essential to provide up to date information, it is identified that current security and access mechanism are limiting the above.

3. Concise statement of the objectives

The main objectives are,

3.1 Provide high security, high availability deployment environment to government websites.

3.2 Provide isolated server environment to all the Government Information Data center websites.

3.3 Simplified maintenance of the all websites.

4. Scope of the service

4.1 The consultant should review and understand the existing deployment structure and configuration in GIDC on LAMP Stack.

4.2 Under this assignment consultant should deploy 80 website in PaaS Environment, currently those website are hosted in GIDC server.

4.3 The PaaS (Docker container) environment will be provided by ICTA

4.4 The consultant should proposed new deployment architecture which includes security, back end access, user login, file uploading and etc.

4.5 Consultant should deploy 5 selected websites in PaaS environment as per the proposed architecture.

4.6 Upon successful acceptance of the above, the consultant should submit with the deliverable listed under (Section : 6)

4.7 Migration should be carried out in two phases. Phase 1 should cover the 50% of the project whereas remaining 50% should be covered in the phase 2.

4.8 When migrating each site, the consultant should confirm that all the features of the website functions in properly as per the exiting deployment.

4.9 Fixing of existing defects / non-working features of the current sites in current deployment (GIDC) is out of scope of this assignment.

4.10 Consultant should document all the PaaS container constraints, configurations and all the related and necessary documents and provide whenever ICTA requested.

4.11 Consultant should provide Support and maintenance for a period of 12 months. During support and maintenance period consultant should undertake the following.

4.11.1 Support and maintenance of all websites related to configuration and deployment of PaaS environment, security aspects and other upgrading for a period of one (1) year from the date of acceptance letter (sign off) is issued by the ICTA and.

4.11.2 Consultant should regular back up of all websites.

5. Qualification of Consultants

The consulting firm should have the suitable resource persons for the following position in this project with relevant qualifications and experience.

Key Professional Staff	Academic	Experience in the **Proposed Role**	Experience in the Development, Operational and Web Migration in similar setup
Project Manager	B. Sc in IT or equivalent	3 years	-

Tech Lead	B. Sc in IT or equivalent	3 years	Yes
QA Engineer	B. Sc in IT or equivalent	3 years	Yes
DevOps Engineer	B. Sc in IT or equivalent	2 years	Yes

6. Services and Facilities Provided by ICTA

The ICTA will provide the backup of all websites which need to migrate to PaaS.

Other than above listed facilities, no facilities whatsoever will be provided to the successful bidder by the Client.

7. Final outputs, Reporting Requirements, Time Schedule for Deliverables

Total duration of migration project is 8 weeks (2 months) and 12 months support and maintenance period. Work schedule of the website follows.

	Activity	**Deliverable**	**Due date**
7.1	Inception	7.1.1 Deployment Architecture 7.1.2 Deployment confirmation of Five (5) websites	Commencement Date + week 2
7.2	Migration Phase 01	7.2.1 Migration completion report 7.2.2 Features Confirmation list	Commencement Date + Week 5
7.3	Migration Phase 02	7.3.1 Migration completion report 7.3.2 Features Confirmation list	Commencement Date + Week 8
7.4	Support and maintenance of websites	Support and maintenance report	Sign off date + one year