

Terms of Reference (ToR)
Individual Consultant- Senior PHP Developer for the e-GP Secretariat,
Sri Lanka Public Financial Management Strengthening Project (SLPFMSP),
Department of Public Finance (DPF)

1. Background:

The Democratic Socialist Republic of Sri Lanka received a Grant from Multi-Donor Trust Fund through the International Bank for Reconstruction and Development (IBRD) for implementation of the Public Financial Management Strengthening Project. Part of the proceeds of the Grant will be applied for improving the operational efficiency and transparency in public expenditure through the development and roll out of the e-Government Procurement Management System (PROMISe). The Department of Public Finance (DPF) is the main implementing agency for PROMISe. PROMISe is currently under development and the module for shopping has been deployed and rolled out. The project is currently, scheduled to close in November 2026.

2. Objective of the Assignment:

To maintain and enhance the existing e-Government Procurement software system, implement change requests approved by the department of Public Finance management team, troubleshoot runtime and operational issues, and prepare the application for migration to the Microsoft Azure cloud environment

3. Scope of the Assignment:

The assignment involves overseeing the enhancement, maintenance and operational stability of the existing e-Government procurement software system currently hosted at the SLT data center and subsequently ensuring a seamless transition to a cloud-based infrastructure, maintaining optimal database performance, and supporting data-driven decision-making through reporting tools. The role requires close collaboration with stakeholders to address software issues and contribute to continuous improvement initiatives.

4. Key Responsibilities

- Develop and maintain the existing software system hosted at the SLT data center to ensure stable and error-free operation.
- Develop and integrate SLT Rainbow pages database to the current system.
- Implement software change requests in alignment with evolving user and business needs.
- Optimize and manage the MySQL database for performance, reliability, and scalability.
- Design and develop management reports and monitoring dashboards to support decision-making and performance tracking.
- Collaborate with team members and end-users to identify, troubleshoot, and resolve software issues.
- Collaborate with other entities involved in supporting the development process.
- Coordinate with responsible entities to make sure system uptime is maintained.
- Actively participate in team discussions and contribute to continuous improvement initiatives.
- Any other work assigned by the Director General, Department of Public Finance.

5. Duration of the Assignment:

This is a full-time position based in Colombo at the Department of Public Finance. The initial contract period will be 12 months on-site, with the option of annual extension based on satisfactory performance and project requirements.

6. Institutional Arrangements and facilities to be provided by the Department of Public Finance.

Necessary workspace, equipment, software, & mobile internet facilities will be facilitated to fulfil the duties of this position.

7. Minimum Qualification and Experience Requirements

- Bachelor's degree in Computer Science, Information Technology, or a related discipline.
- Minimum 5 years of professional experience in PHP development.
- Strong expertise in MySQL database design, optimization, and management.
- Linux experience required.
- Hands-on experience in Application-Level and Database security.
- Hands-on experience with Microsoft Azure cloud services, including deployment and resource management.
- Proficiency in API development and integration.
- Working knowledge of DevOps practices and CI/CD pipelines using tools like Git and Azure DevOps.
- Strong analytical and problem-solving skills.
- Effective communication and teamwork abilities.

8. Deliverables

1. Maintained Software System

- Ensure the existing application runs smoothly with minimal errors.
- Provide regular updates and bug fixes.

2. Implemented Change Requests

- Deliver functional enhancements based on approved change requests.
- Carry out the full integration of SLT Rainbow pages into the existing e-GP application, ensuring that all relevant vendor information currently managed in SLT Rainbow is accurately migrated, validated, and mapped to the corresponding data structures and workflows in the e-GP system.
- Maintain documentation of changes made.

3. Resolved Runtime Issues

- Identify and fix runtime and operational issues.
- Submit issue logs and resolution summaries.

4. Migration of PROMISE Version 2.1 to Azure

- Collaborate on deployment scripts and configuration files.

5. Optimized Database

- Improve MySQL performance through schema adjustments and query optimization.

6. Basic API Development and Integration

- Develop or update APIs as needed for system functionality.

7. Essential technical Documentation

- Provide concise technical documentation covering system architecture, deployment steps.

9. Remuneration and Payment:

The individual Consultant will be remunerated on a monthly basis within a range of LKR. 200,000.00 to LKR.400,000.00 and the final amount would be negotiated based on the qualification and experience.

10. Selection method:

(i) Structured Computer-Based Test/Written Test

A structured computer-based test will be conducted as the first stage of the selection process to objectively assess the candidates' knowledge, analytical ability, and job-related competencies.

(ii) Cutoff Mark and Shortlisting Criteria:

Candidates who achieve a score above the pre-determined cutoff mark (More than 75 Marks) will be eligible for shortlisting. Only those who meet or exceed this cutoff will be considered for the next stage.

(iii) Interview and Final Selection:

Only the shortlisted candidates will be invited to attend a face-to-face or panel interview. The interview will focus on assessing the candidates' professional experience, problem-solving skills, communication abilities, and suitability for the role.

11. Nature of appointment

This position is a full-time, in-house role with standard working hours from 8:00 a.m. to 4:00 p.m. In cases of urgent or emergency situations, employees are expected to work outside regular working hours, with the flexibility to set off these working hours.

12. Reporting structure

The Consultant will report to the Project Manager or a Senior ICT Consultant nominated by the Project Management, under the overall supervision of the Additional Director General (e-GP) of Public Finance / Director General of Public Finance.