

Consultancy Service for Expansion of the HIMS Module Implementation

Package No: PSSP/PROC/CONS/2020/01

Application along with the CVs and financial proposal in separate envelopes are invited from eligible candidates for the above consultancy by the **Project Director Primary Healthcare System Strengthening Project, 3rd Floor, J.R.Jayawrdene Center, Dharmapala Mawatha, Colombo 07.**

Duly completed Applications , CVs and Financial Proposal should be submitted in two separate sealed envelope on or before **02.00 pm, 15th May 2020** to reach the below address by hand/ registered post or Email psspnmoh.lk@gmail.com.

“Consultancy service for Expansion of the HIMS Module Implementation” shall be indicated on the top left hand corner of the envelope/ Subject.

Terms of Reference (TOR) for the above consultancy is published here with;

**Project Director,
Primary Healthcare System Strengthening Project,
Ministry of Health Nutrition and Indigenous Medicine,
191, 3rd Floor, J R Jayawardena Centre,
Dharmapala Mawatha,
Colombo 07**

T.P : 0112680490/0112680549

E-Mail : psspnmoh.lk@gmail.com

Terms of Reference

Topic : IT support for the expansion of the HIMS-HLC system implementation to PSSP project supported health institutions.

Type : Consultancy service for the provision of IT support to the Health Information Unit of the Ministry of Health and Indigenous Medical Services for HIMS-HLC system implementation.

Start date : 01 st June 2020

Finish date : 30th May 2021

Background

The primary health care re-organization process aims to introduce organizational, structural, and logistical updates to the health system designed to restructure primary health care so that it streamlines access to quality, people-centred health services, increases the efficiency of these services, and ensures a continuum of primary care for people throughout their life cycles.

A longitudinal electronic medical record has been identified as integral part of the information management mechanism of the primary health care re-organization process.

The Health Information Management System (HIMS) – Healthy Lifestyle Centre (HLC) Module developed and piloted by the Health Information Unit in collaboration with the NCD unit and the PSSP project is a new web-based module for Primary Medical Care Institutes (PMCI) HLC clinic health information management.

The expansion of the HIMS-HLC system to PMCIs with HLCC in the island would require technical support that is required through this consultancy service.

Objectives

- Consultancy service for the provision of IT support to the Health Information Unit of the Ministry of Health and Indigenous Medical Services for HIMS-HLC system.

Scope of service

#	Feature
1.	To work under the direct supervision of the Directorate of Health Information of the Ministry of Health, Nutrition and Indigenous Medicine, Colombo 10. (Office hours shall be 0830H to 1630H on week days)
2.	Provide remote and on-site support for the implementation and maintenance of the HIMS-HLC System in island-wide distributed Healthy Lifestyle Centers in the country.
3.	Gather requirements for new feature developments and feature improvements for the HIMS software.

4.	Develop and implement new features and feature enhancements to the HIMS with full concurrence of the Directorate of Health Information of the Ministry of Health.
5.	Visit and provide onsite support to selected PMCIs where remote support for implementation and maintenance is difficult with the approval of the Director Health Information in advance.
6.	Be available "on-call" outside office hours/ week end or public holidays for urgent support requirements.
7.	Liaison through the HIU with all the stakeholders including but not limited to Ministry of Health, PSSP project, heads of Institution of PMCIs, ICTA agency and cloud hosting provider.
8.	Weekly progress must be presented to the Directorate of Health Information on every Friday of the week. Further more progress reports must be submitted as and when requested by the directorate of Health information.
9.	Consultant is expected to comply with the productivity and task monitoring tool which will be used to assess the work progress.
10.	Should sign a non-disclosure agreement to ensure information privacy and confidentiality.

Logistic support

Unless otherwise arranged and informed, the consultant is expected to utilize the public transport at his comfort to visit and provide onsite support which will be reimbursed on request (monthly basis) through the director of Health Information.

Main Deliverables

#	Deliverables
1.	Improving and Managing the JavaEE based HIMS cloud web application with periodical releases
2.	Development of JavaEE restful API
3.	Server configuration and troubleshooting
4.	Resolve 100% of Critical Issues and more than 90% of Other Issues in Issue Tracker
5.	Visit and provide onsite support to selected PMCIs within the speculated time period. Average number of onsite visits will be 05 per month (per person)

Qualification and experience

	Criteria (Explained below)	Maximum Points	Minimum Required	Evidence page in the Proposal
1.	Should be a Sri Lankan citizen		Mandatory	
2.	Higher National Diploma / Equivalent NVQ Level 6 Qualification in software engineering or similar field			
3.	Proven working experience in; <ul style="list-style-type: none"> • JavaSE (Mandatory) • JavaEE (Mandatory) • JSF - Java Server Faces (Mandatory) • JPA - Java Persistence API (Mandatory) • MySQL / MariaDB/ Postgresql • Ubuntu • GlassFish / Payara Server • RESTful API • Cloud hosting environments 	50 (05 X 10)	40	

	<ul style="list-style-type: none"> HL7 FHIR <p>Minimum experience for each category: 1 year Attach verifiable evidence.</p>			
4.	<p>Experience in software development assignment(s) Experience in 3 assignments or more - 10 marks Experience in at least one assignment - 5 marks (Attach verifiable evidence)</p>	10	5	
5.	<p>Proficiency in managing GitHub Repository / Issue Tracking / Project Management/ source code management Experience in 3 years or more - 10 marks Experience in less than 3 years - 5 marks (Attach verifiable evidence)</p>	10	5	
6.	<p>Proficiency in object-oriented design skills Experience in 3 years or more - 15 marks Experience in more than 2 years - 10 marks (Attach verifiable evidence)</p>	15	10	
7.	<p>Experience in state or private health sector information system development and maintenance. Experience in 3 years or more - 10 marks Experience in less than 3 years - 5 marks (Attach verifiable evidence)</p>	10	5	
8.	<p>Have an excellent communication and interpersonal skills</p>	05	05	

Supportive Staff

Maximum one supportive staff may be employed by the consultant with similar qualification.

The monthly payment of the supportive staff should be inclusive to the Financial proposal.

Signed curriculum vitae must be provided to demonstrate fulfilment of above qualifications.

#	Name	NIC	Qualification Experience	Evidence page in the proposal
1			For the supportive staff candidate fill the table under the heading qualification and experience.	

Client Inputs

- Providing a physical space at the Project Management Unit of the Primary Healthcare System Strengthening Project Office at J.R. Jayawardena Centre, 3rd Floor, No. 191, Srimath Anagarika Dharmapala Mawatha, Colombo 7.
- Technical Coordination of the activities will be by the Director (Health Information), Ministry of Health or an officer designated by him.
- Access to Health Institutions where support services needs to be delivered.

Payments

Payments will be made on monthly basis on satisfactory submission of;

1. Progress report duly signed by the Director (Health Information) Ministry of Health or designated officer based on satisfactory completion of the activities in the advance programme.

2. Submission of the duly signed advance programme by the Director (Health Information) Ministry of Health or designated officer.

Continuation of service

The MOH, under its discretion may decide to offer the extension of service beyond the time period specified, based on the requirement and satisfactory performance of the consultant.

Copyright and ownership

The Ministry of Health, Nutrition and Indigenous Medicine will have the ownership over Intellectual Property of content developed through the consultancy.

The consultants are prohibited from using and software code, components that would infringe on the intellectual property of any party.

The consultant shall defend, indemnify and hold harmless the Ministry of Health and PSSP Project or and of its affiliated entities from any and all losses for infringement of a patent or patents, copyrights, trademarks or any other intellectual property right or trade secret misappropriation growing out of or incident to the work or the equipment or material furnished by the consultant in its performance of the work.

Violating above conditions may cause to terminate the contract and or impose penalties.