

## **Public Notice Request for Proposal (RFP)**

Posting Date: December 30, 2011  
RFP Deadline: January 27, 2012

The Department of Health and Social Affairs seeks the services of an individual or an Institution to do the following:

### **Works to be performed:**

Establish a Laboratory Information System (LIS), that is compatible with existing and planned Health Information System upgrades for the 4 FSM state hospital laboratories and relevant Community Health Centers.

### **General Requirements and Procedures:**

The Laboratory Information System (LIS) project is a multi-phase project that will enable FSM Health Services to have a system that will meet international standards for laboratory information management.

While this RFP is for Phase 1 of the project, the contractor must have demonstrated commitment to completing all phases of the project.

#### **Phase 1 Requirements:**

Installation of Laboratory Information System at Pohnpei State Hospital Laboratory.

The LIS

#### *Administration:*

Password protected user access, with levels of access dependant on laboratory defined user access rights.

Login monitor

*Specimen registration:* The ability to track all specimens collected by laboratory personnel or received into the laboratory.

There should be provision for pending reports and special handling reports and for a send out master log (i.e., list for send-aways to off-island reference laboratories).

The system should be linked to the patient master index where applicable.

*Result Entry:* Ability to enter and easily retrieve all laboratory results, by name, medical record number or laboratory accession number.

At least 2 bi-directional instrument interfaces per site (state hospital laboratories)

*Test Result Validation:* System must include checks to ensure results are within defined dynamic ranges, and have alerts when results fall outside reference ranges for specific analyzers and sex and age of patients. Results must not be available to end-user unless they have been validated, either through delta

checks with patient's recent results, and/or manual validation to ensure results are transcribed correctly from original source (e.g. analyzer)

*Results Reporting*

The system must have the ability to provide individual patient reports, and cumulative data reports, including linked reference ranges and standard interpretive comments.

Phase 2: Install similar system in Yap, Chuuk and Kosrae state hospital laboratories

Phase 3: Connect all Community Health Centres to LIS, and interface LIS with Health Information System components as required.

**Proposal Contents:**

Cover sheet that includes all relevant contact information for your organization, including but not limited to, the name of the contact person and their phone and fax numbers, and email.

**Proposal Submission:**

Submit one original to

Dr. Vita A. Skilling  
Secretary, FSM Dept Health and Social Affairs  
PO Box PS-70  
Pohpei, FM 96941  
Email: [health@fsmhealth.fm](mailto:health@fsmhealth.fm)

Submit copy to

Lisa Kohler  
National Laboratory Coordinator  
FSM Dept Health and Social Affairs  
email: [lkohler@fsmhealth.fm](mailto:lkohler@fsmhealth.fm)