



DEPARTMENT OF HEALTH AND SOCIAL AFFAIRS

FSM National Government

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Palikir, Pohnpei 96941

Federated States of Micronesia

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**BID ANNOUNCEMENT
Electronic Health Records Project**

1. Background

The FSM Department of Health and Social Affairs (FSM DHSA) has modernized the health information system throughout the FSM hospitals. A new clinical patient management system or electronic health record (EHR) has been developed and is used throughout the hospitals.

More work is needed to further develop the applications to support patient care, clinical practice, health management, administration, and planning. The goal is to centralize all patient activities in one central location so that wherever a patient in the FSM is seeking healthcare in any of the hospitals, provider (doctors and nurses) will have access to his/her medical record. In addition, data from the public health clinics and dispensaries will be incorporated into this electronic health record as a central registry for all health activities.

As the broker of the FSM EHR that caters to the needs of all the FSM State Departments of Health Services and the FSM DHSA, FSM DHSA is seeking the service of a qualified computer engineer/programmer or a firm to develop the applications and other technical duties to achieve this goal of the project.

2. The terms of reference include:

1. Oversee development and implementation of the FSM DHSA HER, in consultation with the FSM DHSA,
2. Overseeing the design, development, and deployment of the EHR and its applications in the hospitals and public health locations,
3. Develop and implement stakeholder engagement and consultation plans with MOH representatives, clinicians, and other health system stakeholders

3. The scope of work will include, but not limited to, the following:

Module	Description
1 Patient Information System	Patient administration system and electronic medical records - Patient charts, including fluid balance charts, blood transfusion observation chart Patient Master Index Admission, discharge and transfer data (ADT) captured Real time reporting of ADT data for bed availability and emergency response
2 Electronic Ordering	Electronic ordering enabled from EHR by clinicians for imaging and laboratory services
3 Electronic Reporting	Electronic Reporting from LIS to EHR
4 Vital Statistics	Integration of Vital Statistics into EHR Create birth registry Create death registry

		Morbidity and mortality statistics available stratified by condition Generation of death certificate Fetal death/ deaths in-utero
5	ICD Coding	Enforcing ICD-10 coding rules ICD-10 coding of principal diagnoses, secondary diagnoses, external cause, surgical interventions
6	Epidemiology	Electronic case reporting Integration of Outbreak monitoring software
7	Procurement and Supply	Procurement and supply system integration Asset Registry
8	Human Resources	Human Resources information system including record of mandatory training and CME
9	Data Standards	Data dictionary utilizing HL7 standards , and laboratory LOINC codes Ability to send identified information to CDC in a machine readable format
10	Linking Remote Facilities	Prepare triage module modified to suit dispensaries Prepare Diagnosis module modified for dispensaries Order entry for lab, pharmacy and radiology requests from dispensaries
11	Integration	Integration of LIMS and PACSPLUS and Outbreak Software
	Disaster Recovery And Backup	Automatic database backup system - Daily transactional tables back up - -weekly full database backup - Backup log file
12	Pharmacy	Incorporation of pharmacy data. Pharmacy inventory, pharmacy management system with Reason for prescription, and duration of therapy data captured
13	Billing	Billing and Insurance Claim Form
14	Dentistry	Complete development , testing and roll out of dentistry module

4. Implementation Plan and Deliverables

Quarterly progress reports to be prepared every quarter. Three to four modules should be installed and completed each quarter, along with quarterly training and meeting with DHSA staff and management.

5. Evaluation of Bids

1. 20 points will be awarded if the bid demonstrates the ability to meet all terms of reference in #2.
2. 40 points will be awarded if bid demonstrates the ability to meet all scope of work in #3.
3. 20 points will be awarded if bidder agrees to meet all deliverables in #4.
4. 20 points will be awarded if bidder has prior experience and technical expertise in developing similar work requested in this bid.

6. How to Submit Bid

Interested bidders must email a bid to the address below. In the submission, there must be clear indication of cost for carrying the work in this announcement. The Department reserves the right to deny review of bid.

Secretary
Department of Health and Social Affairs
P.O. Box PS-70
Palikir, FM 96941
Email: health@fsmhealth.fm

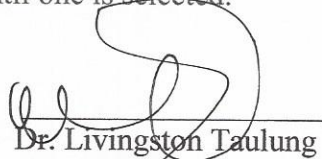
7. Procedure in Reviewing Bid

The FSM DHSA will interview the final bidder to gauge bidder's capability and to further negotiate the associated cost, if necessary.

8. Closing and Review Date

The Department will review the bids on July 10, 2020 and if no award is made, the bid will remain opened until one is selected.

Signed:



Dr. Livingston Taulung
Secretary
Department of Health & Social Affairs

Date: 6.30.20