

## Expression of Interest (EOI) for eHealth Kerala Project - Replies to Queries No. 4

SL. NO	SECTION REFERENCE IN THE EOI	QUERY	Reply to the Query
1	<b>EHR &amp; Past Medical Records , mentioned in Figure 2 block diagram on non-clinical aspects Page 11</b>	The block diagram mentions ma module of past medical records, does the e-health mission already maintain the medical records? If yes what format are they in?	Three major Hospitals have computerized Hospital Management System at present. These hospitals are Medical College, Trivandrum, Regional Cancer Centre, Trivandrum and General Hospital, Kochi. These are stand alone systems and are not standardized. The new system proposed is likely to have a requirement that the old Electronic Medical Records in these non-standard systems may be migrated to the new standardized EHR. The RFP will have detailed description of the existing EHR and specific requirements regarding data migration.
2	<b>Page 7, 2.3 – details on Health Care Institutions</b>  Sub centres: Under PHC/CHC, each Sub-centre is functioning with one Health worker (male and female) for an average population of 5000 people (3000 in Tribal and Hilly area). This does not have treatment facilities. Health workers shall be given with handheld devices for updating & receiving information.	We assume that the supply of the handheld devices for updating & receiving information is within the scope of the vendors	The supply of Hand Held Devices and related Application software are within the scope of the work to be carried out by the selected vendor.

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<b>3</b>	<p><b>Page 7, 2.3 – details on Health Care Institutions</b></p> <p>Sub centers: Under PHC/CHC, each Sub-centre is functioning with one Health worker (male and female) for an average population of 5000 people (3000 in Tribal and Hilly area). This does not have treatment facilities. Health workers shall be given with handheld devices for updating &amp; receiving information.</p>	<p>Is the development of the Hand Held Terminal Application within the Scope Of Work of the Vendors?</p>	<p>Development of the Hand Held Device Application as well as the related Server Application is within the Scope of Work of the selected Vendor.</p>
<b>4</b>	<p><b>Page 8 , Table 11 , 6860</b> institutions mentioned in this table and 5 medical colleges</p>	<p>We assume that all together the 6865 institutions will be covered until the Phase 3 of the project and this will be overall scope of work</p>	<p>The project envisages that the eHealth modules will be rolled out to all Public sector healthcare institutions in the state when all the three phases are fully implemented. The proposed phases of implementation are as follows:</p> <p>Pilot – Trivandrum District</p> <p>Phase 2: Six Districts</p> <p>Phase 3: Remaining seven Districts.</p> <p>The numbers given in the Eoi are indicative and there may be minor changes at the time of implementation. The RFP will have more details about the institutions to be covered under each phase.</p>

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<b>5</b>	<p><b>Page 12 -2.4.2 IT enabled Integrated Hospital Management System</b></p> <p>This shall create a reliable, secure and dynamically updated database of medical information about citizens in the form of Electronic Medical Record (EMR) of the citizen's health Database so that continuity of medical care is made easy.</p>	<p>Does an Electronic Medical record comprise of scanned / snap shots of the documents or electronically entered data.</p> <p>If it involves the Documents to be fed into the system, the Hand held terminals suggested should be capable of capturing images of the documents of medical records.</p> <p>An OEM certificate may be sought to this effect in the bidding stage.</p>	<p>It is too early to define the functional requirements of the system at such micro-level. Such details will be available in the RFP.</p>
<b>6</b>	<p><b>Biometric Authentication of residents without, Identity documents</b></p>	<p>We assume that the system in conjunction with the SRDH and CIDR should be made capable to identify the resident through a biometric authentication in the event of the resident visiting the facilities for treatment without any documents.</p>	<p>The present proposal is to have the identity verified with the UIDAI repository.</p>
<b>7</b>	<p><b>Capacity to Integrate Biometric Systems</b></p>	<p>We believe that the capacity and technology prowess for the companies to Integrate Biometric systems are of prime importance in this program, as the customer touch points are to factor for biometric authentication – we request the e-Health department to establish the eligibility criteria evaluating the company credentials in similar projects.</p>	<p>Detailed pre-qualification criteria will be defined in the RFP document</p>
<b>8</b>	<p><b>Data Mining Capability in the Evaluation Criteria</b></p>	<p>Most projects executed by the companies will have an MIS module and a dashboard, and it is a minimal probability to get a customer certificate issued, that states that Data Mining is one of the deliverables.</p>	

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9	<b>Conformance to Standards</b>	How does the e-Health Project Management Unit address the issue of compliance to these standards? How are these to be evaluated?	There will be a detailed Customer Acceptance Testing on completion of different stages of the project. The exact process of acceptance testing will be defined in the RFP.
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