Government of India

Ministry of Health & Family Welfare

(PMSSY DIVISION)

Nirman Bhawan, New Delhi- 110003

No.: HSCC/EOI/AIIMS/IT/2013   **Dated : 06.12.2013**

INVITATION OF EXPRESSION OF INTEREST (EOI) FOR PREPARATION OF REQUEST FOR PROPOSAL (RFP) DOCUMENT FOR DEVELOPMENT OF INFORMATION TECHNOLOGY INFRASTRUCTURE FOR ALL INDIA INSTITUTES OF MEDICAL SCIENCES.

1. On behalf of Ministry of Health and Family Welfare, HSCC(I) Ltd. invites EOI from Qualified, Experienced and Suitable IT Firm/Company/PSU/Govt. agency to act as Consultant for preparation of RFP document for setting-up/providing IT Infrastructure for 6 new AIIMS. IT Infrastructure components are to include:

   I. Application Software – Hospital Management Information System (HMIS) including Picture Archival and Communication System (PACS), Education Management System, Library Management System and other applications.

   II. Computer Hardware and Network Infrastructure (Campus Network and Wide Area Network).

2. The 'Eligibility Criteria' and 'Scope of Work' and other conditions are available in the document available on HSCC's website **www.hsccltd.co.in** and **http://mohfw.nic.in**

3. RFP will be issued only to shortlisted EOI applicants.

4. The Ministry of Health & Family Welfare reserves the right to reject any or all the proposals without assigning any reason.

5. Detailed EOI along with documents confirming compliance should be submitted to Sr. Manager(Systems), HSCC(I) Ltd., E-6(A), Sector-1, Noida(UP) 201 301 (Phone : 0120-2542436-40, Fax – 0120-2542447), within 14 days of publication of this notice.

Call for Short-Term Services of Information Technology (IT) Consultants from IT Solution Providers in India with substantial portfolio in Health Informatics

Introduction

1. The MoHFW-PMSSY Division has plans to set-up information technology infrastructure for 6 new All India Institutes of Medical Sciences (New AIIMS) to efficiently provide high quality state-of-the-art medical care by creating a modern streamlined professional work environment for medical, nursing and allied professionals.

2. The term medical grade network is defined as a converged (wired, wireless, VPN & VLANs) high availability, secure, scalable and managed campus network, wide area networking of data centres, distributed sites & sister campuses, storage area network, virtual data centre services and messaging platform.

3. The New-AIIMS IT Infrastructure Project seeks to (a) build flexible medical grade networks in each campus including wide area connectivity to sister campuses and off-campus units, (b) deploy a set of core Patient Management & Hospital Information Applications, (c) provide for deployment of hospital-wide as well as department and unit level applications by respective user groups from time to time.

4. The following, two distinct work packages are proposed to access appropriately specialised technical services, speed up implementation and build in standards based interoperable implementation.

    i. Building Operation and Transfer of medical grade network infrastructure.

    ii. Building/Customisation, Deployment, Operation & Transfer of Core Patient Management & Hospital Information Systems.

5. Vendors for the above two packages shall be identified on the basis of competitive bidding.

6. The MoHFW-PMSSY division's Expert Advisory Committee on IT Infrastructure & HMIS at Institutions of National Importance has constituted a Working Group for preparation of scoping and request for proposal (RFP) documents to call for tenders for identification of vendors by various New-AIIMS. The Working Group is chaired by the Director AIIMS New Delhi, and its secretariat is based at the same Institute.

7. The Working Group for preparation of scoping document seeks the assistance of technical experts from IT Solution Providers in India

(IPSP) with substantial portfolio in health informatics. The IPSP will have to second the services of identified experts to the Working Group for a short period of two to three weeks. Thereafter, the identified experts should be available for consultation over email, tele/video conference, and/or group discussions for a period up to three months after completion of the attachment with the working group. The IPSP shall clarify and instruct the deputed experts that they their technical advice to the Working group shall not be restricted by the commercial interests of the concerned IPSP. The designated experts shall assist the working group to develop an objective state-of-the-art, cost-effective scoping and RFP document to facilitate maximum feasible competition, and to achieve the required degree of transparency for identification of vendors through competitive bidding.

8. The Working Group plans to involve technical experts from more than one IPSP, to iron out restrictive and unnecessary proprietary references in the Scoping/RFP documents.

9. The IPSPs contributing by deputing their technical personnel to assist the Working Group, may participate in the tender call. However, names of IPSPs who assist the Working Group for development of the Scoping/RFP document shall be revealed to all bidders at the time of pre-bid conference. Questions of restrictive provisions and/or unnecessary proprietary references in Scoping/RFP document, if any, raised by competing bidders shall be discussed and addressed at the time of pre-bid conference.

Eligibility Criteria

I. For Application Software consultant

1. Consultant must be a registered company under Indian Companies Act.

2. The Consultant should have a valid ISO 9001-2008 and ISO 27001-2005 Certification or equivalent quality and security policies. Provide relevant certifications and other credentials.

3. The Consultant shall have a minimum 10 years of experience.

4. The Consultant shall have successfully implemented three (3) projects of a similar nature and complexity during the past seven (7) years and must provide references for the same.

5. Consultant should have knowledge and experience in healthcare standard Health Level 7(HL7) for messaging & communicating with HL7 compliant systems.

6. Consultant must have knowledge and experience in ICD10 interface.

7. Consultant must be an established agency with relevant experience in the development, customization, integration and implementation of integrated Hospital Management and Information systems (HMIS) and Picture Archival and Communication System (PACS). HMIS include RIS, EMR, Back office system i.e. HR, Finance, Purchase etc., Education Management System, Library Management System and other application in a hospital with bed capacity of 1000 or more.

8. Demonstrated experience with and support of similar enhancements and in providing applications to hospitals with bed capacity of 500 or more.

9. Consultant must have good no. of IT professional for executing the above work.

10. The Consultant should have understanding of interfacing of biomedical equipment with campus network and commonly encounter data output ports and standards of Bio medical equipment like DICOM enable etc.

II.   **For Computer Hardware and Network Consultant**

1. Consultant must be a registered company under Indian Companies Act.

2. The Consultant should have a valid ISO 9001-2008 certification.

3. The Consultant shall have a minimum 10 years of experience.

4. The Consultant shall have successfully implemented three (3) projects of a similar nature and complexity during the past seven (7) years and must provide references for the same.

5. Consultant must be an established agency with relevant experience in the establishment of Campus Network, Wide Area Network and Wireless network.

6. Consultant must have experience in designing, configuring, commissioning & testing of large network.

7. Consultant must have experience in supply, installation, configuration, commissioning and testing of Firewall, Network Management Solution (NMS), Wireless Access devices, Wireless Access Controller, Switching, Routing, Structured Communication Network comprising of Fibre Optics Cable and UTP cable etc. for a large network.

8. Consultant must have experience in supply and installation of Computer Hardware i.e. Computer, Printer, Server along with System software etc. in large institute/Medical college cum hospital.

9. Consultant must have good no. of IT/Network professional for executing the above work.

Scope of work

I.   Application Software Consultant

1. Short listed firm will depute 2-3 experts for minimum period of 2-3 weeks for preparation of RFP document i.e. Scope and Specification for HMIS, PACS and other applications for new AIIMS.
2. Experts will interact with the core committee constituted for development of IT infrastructure for new AIIMS for all the relevant activities.
3. Experts will be available through teleconferencing for resolve all the issues/for the consultation.

II.   Hardware and Network Consultant

1. Short listed firm will depute 2-3 experts for minimum period of 2-3 weeks time for preparation of RFP document i.e. Scope and Specification for networking, Computer Hardware and Software including System software etc. for new AIIMS.
2. Experts will interact with the core committee constituted for development of IT infrastructure for new AIIMS for all the relevant activities.
3. Experts will be available through teleconferencing for resolve all the issues/for consultation.

Note – Depending upon capability, Consultant may participate in either or both the components.