

نَوْلَ إِذَا SPPRA كَلْ وَجِهِ مَانِتُ لِينَ www.pprasindh.gov.pk بِدَدُ آفَ رَبِيْنِ عَمَد كَلُ وَجِ مَانِتُ لِينَ

وعد.... **براجيكث دُائريكثر** PMU بورد آن ربوتيو، حسكومت سنده

ميكش يايد بذل كأوليت كأوجيهات بيان كام المن كأ

www.sindhlarmis.gos.pk براي عام كاري

(INF/KRY-931/16)

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No: 10-PMU/BOR/2016/3867

BOARD OF REVENUE OF SINDH REFORMS WING & SPECIAL CELL

Karachi, Dated:/√-03-2016

To,

The Director (Advertisement), Information Department, Government of Sindh, Karachi.

SUBJECT:

NOTICE INVITING TENDER FOR "DEVELOPMENT OF VARIOUS CUSTOMIZED SOFTWARES FOR ENHANCEMENT OF LARMIS DATABASE MANAGEMENT INFORMAITON SYSTEM" FOR THE PROJECT OF LARMIS OF BOR SINDH

Enclosed please find herewith 04 (four) copies of "Notice Inviting Tender" for "DEVELOPMENT OF VARIOUS CUSTOMIZED SOFTWARES FOR ENHANCEMENT OF LARMIS DATABASE MANAGEMENT INFORMAITON SYSTEM" under the scheme "LARMIS". The tender notice may please be got published in at least three leading National Daily Newspapers in accordance with SPP Rules 2010 (Amended 2014) preferably in English (Dawn Newspaper/The News/Express Tribune), Urdu (Jang/Express/Nawa-e-Waqt Newspaper) & Sindhi (Kawish/Sobh/Ibrat) at the earliest.

Assistant Director P/CM LARMIS, PMU

Board of Revenue, Sindh

A copy is forwarded for information to:-

- 1. The Additional Chief Secretary (Dev), P&D Department, Govt. of Sindh, Karachi.
- 2. The Member R&S, Board of Revenue, Sindh
- 3. The Secretary Information Department, Govt. of Sindh, Karachi.
- 4. The Project Director PMU, , Board of Revenue, Sindh
- 5. The Manager (C.B), Sindh Public Procurement Authority, Karachi, alongwith a copy of NIT, PC, CRC, extract of APP and bidding document with a request to publish the attached documents on the website of SPPRA as per Rule 21(4) of SPP Rules 2010.
- 6. The Deputy Director F&A, Board of Revenue, Sindh
- 7. The Section Officer to the Senior Member, Board of Revenue Sindh, Karachi.

8. The Focal Person Website:/www.borsindh.gov.pk and www.sindhlarm/spes.pk

Red Inchiarge
Advertisor of Section
Information Department
Gevt. of Middle, Kurachi

Assistant Director P/CM LARMIS, PMU

Board of Revenue, Sindh

Office address: - ST-4, Revenue House, Adjacent Dr. Ziauddin Hospital Clifton Karachi.
Ph: 021-99251367-8, Fax: 021-99251373, www.sindhlarmis.gos.pk



OFFICE OF PROJECT DIRECTOR PROJECT MANAGEMENT UNIT REFORMS WING & SPECIAL CELL, BOARD OF REVENUE GOVERNMENT OF SINDH

NOTICE INVITING TENDER

Reforms Wing & Special Cell, Board of Revenue, Government of Sindh, invites sealed bids for the "DEVELOPMENT OF VARIOUS CUSTOMIZED SOFTWARES FOR ENHANCEMENT OF LARMIS DATABASE MANAGEMENT INFORMATION SYSTEM" as per prescribed procedure of single stage - two envelope bidding process, under SPPR 2010 from all interested bidders under the approved revised ADP (2014-15) scheme "Automation of Stamps & Registration in All Districts of Sindh".

NOTE: Detailed specifications are available in the bidding documents, which can be purchased from the office of PD PMU, Project Management Unit, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh, adjacent Dr. Ziauddin Hospital, Clifton, Karachi. The bidder must may bid for complete assignment. Bids for individual items of the assignment will be rejected.

Instructions:

- 1. Interested eligible bidders may obtain further information on the bid and collect the bidding documents (RFP) for the above assignment from the office of Project Director (PMU), , Reforms Wing & Special Cell, Board of Revenue, Government of Sindh, adjacent Dr. Ziauddin Hospital, Clifton, Karachi, Tel: +92-21-99251367-8/ Fax: +92-21-99251373 from the date of Thursday March 17th 2016 during office Hours, i.e. from 9:00 am to 5:00 pm on payment of document fee of Rs. 2,000/- (non-refundable) in the form of Pay order/Demand Draft in favour of Project Director PMU, Board of Revenue, Sindh till 12:00 PM on Friday April 1st 2016. Further information / clarifications may also be obtained from the same office.
- 2. The biding document can also be downloaded from the website of SPPRA, i.e. www.pprasindh.gov.pk or the website of PMU BOR, Sindh, i.e. www.sindhlarmis.gos.pk, in which case document fee may be submitted alongwith the bid. Only the bids submitted with the document fee or a proof of payment thereof will be considered as eligible for participation in the bidding process.
- 3. Tender Bids in sealed envelope for the above assignment as per information given in the bidding document are required. Interested bidders for bids should submit two separate envelopes, i.e. Technical and Financial Proposal separately along with 2% bid security of the quoted amount of the total bid in the form of Pay Order / Demand Draft at the office of the Project Director, PMU, Board of Revenue, Government of Sindh, adjacent Dr. Ziauddin Hospital, Clifton, Karachi, Tel: +92-21-99251367-8/ Fax: +92-21-99251373, on or before Friday April 1st 2016 at 03:00 PM. Further information / clarification may also be obtained from the same office.
- 4. The technical proposals submitted against the respective RFP will be opened by the Procurement Committee on same day, i.e. Friday April 1st 2016 at 03:30 pm in the Committee room of the Project Management Unit, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh, adjacent Dr. Ziauddin Hospital, Clifton, Karachi, Tel: +92-21-99251367-8/ Fax: +92-21-99251373 in presence of all the bidders, or their representatives, who may choose to be present.
- All bids received will be opened and evaluated in the manner prescribed in the evaluation criteria of document.
- 6. Only bids offered on the prescribed tender forms issued by the office of the Project Director PMU, Project Management Unit, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh, shall be accepted. However, additional sheets may be attached, if necessitated.
- 7. Conditional tender / application will not be entertained.
- 8. The Procuring agency may cancel the bidding process at any time prior to the acceptance of a bid or proposal under Rule 25 (1) of SPP Rules 2010."
 - The procuring agency shall announce the results of bid evaluation in the form of a report, giving justification for acceptance of a bid or proposal, subject to the relevant provision of SPPRA RULES 2010.

This notice can also be seen in the website of SPPRA i.e. www.pprasindh.gov.pk as well as in the website of PMU Board of Revenue, Sindh, i.e. www.sindhlarmis.gos.pk

-sd/-

Project Director PMU

Board of Revenue Government of Sindh

Office address: - ST-4, Revenue House, Adjacent Dr. Ziauddin Hospital Clifton Karachi.
Ph: 021-99251367-8, Fax: 021-99251373, www.sindhlarmis.gos.pk



BOARD OF REVENUE SINDH REFORMS WING & SPECIAL CELL

NOTIFICATION

Karachi, dated the 14th North, 2016

No.P.S/SMBR/BOR/ 345/2016. A Procurement Committee for procurement of goods, works & and services is hereby notified under Rule 7 & 8 of the Sindh Public Procurement Rules 2010 for the tender namely "DEVELOPMENT OF VARIOUS CUSTOMIZED SOFTWARES FOR ENHANCEMENT OF LARMIS DATABASE MANAGEMENT INFORMAITON SYSTEM" under the scheme "LARMIS" being executed by PMU, R&S Wing, Board of Revenue, Sindh

a. Project Director (PMU), LARMIS, BOR

b. Deputy Director (IT), PMU, BOR

c. Representative of IS&T Deptt., Govt. of Sindh

d. System Manager, LARMIS, PMU, BOR

Chairman

Member/Secretary

Member

Co-opted Member

TERMS OF REFERENCES

Procurement Committee shall be responsible for;

- (1) Preparing bidding documents;
- (2) Carrying out technical as well as financial evaluation of the bids;
- (3) Preparing evaluation report as provided in Rule 45;
- (4) Making recommendations for the award of contract to the competent authority;
- (5) Perform any other function ancillary and incidental to the above.

SECRETARY TO GOVERNMENT OF SINDH **REVENUE DEPARTMENT**

C.C. to:-

- 1. The Chief Secretary, Government of Sindh, Karachi.
- 2. The Additional Chief Secretary (Dev), P & D Department, Govt. of Sindh, Karachi.
- 3. The Secretary IS&T Department, Government of Sindh, Karachi.
- The Project Director PMU, Board of Revenue, Sindh 4.
- The Deputy Director IT, LARMIS, PMU, Board of Revenue, Sindh 5.
- The System Manager, LARMIS, PMU, Board of Revenue, Sindh 6.
- The P.S to SMBR. Board of Revenue, Sindh, Karachi. 6.
- 7. The P.S to Member R&S, Board of Revenue Sindh, Karachi.

MEMBER R&S **BOARD OF REVENUE SINDH**



BOARD OF REVENUE SINDH

NOTIFICATION

Karachi, dated the **29** December, 2011

No.01-15-10-BOR/46: In supersession of earlier notification of the Board of Revenue Sindh issued vide No: 05/10/BOR/219/2010 dated: 13-05-2010 Complaint Resdressal Committee with the following composition is hereby constituted under Rule 31 of the Sindh Public Procurement Rules, 2010 to address complaints, if any, in respect of procurement processes under the Schemes of Land Administration and Revenue Management Information System (LARMIS), Geo-database Information System (GIS) and Preservation of Land Records & Revamping of Survey & Settlement Directorate projects being executed by the PMU, R&S Wing Board of Revenue Sindh:

1.	Senior Member, Board of Revenue Sindh	Chairman
2.	Representative of Accountant General, Sindh	Member
3.	An independent Professional from relevant field i.e. IT/ Law/ Industries	Member

TERMS OF REFERENCES

- 1. To determine whether there exists any inconsistency in the procurement process with SPPR Rules, 2010 and regulations;
- 2. To determine whether any unauthorized act or decision made by the Consultant Selection Committee;
- 3. To reverse any decision of the Consultant Selection Committee or substitute its own decision for such a decision;
- 4. The Complaint Redressal Committee shall announce its decision within seven (07) days w.e.f. date of reference to the Committee.

SECRETARY TO GOVERNMENT OF SINDH REVENUE DEPARTMENT

C.C. to:-

- The Accountant General Sindh, with a request to nominate a representative for the Committee;
- The Member R&S, Board of Revenue, Sindh;

The Secretary, Board of Revenue, Sindh;

• _____ (Independent professional from relevant field).

MEMBER (R&S) BOARD OF REVENUE SINDH

Copy for information to:

- PS to Honourable Minister for Revenue & Relief, Sindh, Karachi.
- PS to Senior Member, Board of Revenue Sindh, Karachi

REFORMS WING & SPECIAL CELL, BOARD OF REVENUE SINDH

EXTRACT OF PROCUREMENT PLAN

ADP SCHEME NAMELY "LAND ADMINISTRATION AND REVENUE MANAGEMENT INFORMATION SYSTEM"

FOR THE FINANCIALYEAR 2015-2016

Rule 46(2) Remarks 4th Otr 3rd Qtr **Timing of Procurements** 2nd Qtr 1st Qtr Procurement Method Single Stage Two Envelope Proposed Source of Funds (ADPs Non ADPs) ADP Funds allocated (Million) applicable) (Millions) **Estimated Unit Cost** (Where applicable Quantity (Where SOFTWARES FOR ENHANCEMENT OF "DEVELOPMENT OF VARIOUS CUSTOMIZED DATABASE **Description of** Procurement MANAGEMENT INFORMAITON LARMIS SYSTEM" s s 5

Member R&S
Board of Revenue, Sindh

CC:-The Sindh Public Procurement Regulatory Authority, Govt. of Sindh, Karachi

REQUEST FOR PROPOSAL



"DEVELOPMENT OF VARIOUS CUSTOMIZED SOFTWARES FOR ENHANCEMENT OF LARMIS DATABASE MANAGEMENT INFORMAITON SYSTEM"

UNDER THE ADP SCHEME NAMELY "LARMIS"

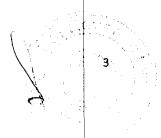
March 2016

REFORMS WING & SPECIAL CELL BOARD OF REVENUE, GOVERNMENT OF SINDH

DEFINITIONS

In this Contract, the following terms shall be interpreted as indicated:

- "Bid" means a tender, or an offer by a person, consultant, firm, company or an organization expressing willingness to undertake a specified task at a price, in response to an invitation by a Procuring Agency.
- "Bidding Documents" means all documents provided to the interested bidders to facilitate them in preparation of their bids in uniform manner.
- "Bidding Process" means the procurement procedure under which sealed bids are invited, received, opened, examined and evaluated for the purpose of awarding a contract.
- "Contract" means an agreement enforceable by law and includes General and Special Conditions, Specifications, Drawings and Bill of Quantities
- "Contractor" means a person, firm, company or organization that undertakes to execute works including services related thereto, other than consulting services, incidental to or required for the contract being undertaken for the works;
- "Government" means the Government of Sindh.
- "Procuring Agency" means, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh.
- "Supplier" means a person, firm, company or an organization that undertakes to supply goods and services related thereto, other than consulting services, required for the contract.
- "Services" means any object of procurement other than goods or works, and includes consultancy services;
- "Response Time" means, the period starting from the first date of issuance of bidding documents up to last date of issuance of bidding documents."
- "Lowest Evaluated Bid" means a bid most closely conforming to evaluation criteria and other conditions specified in the bidding document, having lowest evaluated cost;



- 8. The Bid prices and rates are fixed during currency of contract and under no circumstance shall any contractor be entitled to claim enhanced rates for any item in this contract.
- 9. The Procuring Agency shall have right of rejecting all or any of the tenders as per Sindh Public Procurement Rules 2010.
- 10. All quoted prices must include all applicable taxes, such as General Sales Tax, Income Tax, Provincial Sales Tax and/or etc. If not specifically mentioned in the bid, then it will be presumed that the prices include all the taxes. Purchaser will not be responsible and would not pay any additional amount in case of changing in tax rate by the Government of Sindh or Government of Pakistan.
- 11. Rights and obligations of the procuring agency and the consultant shall be governed by General and Special conditions of contract signed between the procuring agency and the consultant.
- 12. Execution/installation of all the components of the bid may be at Purchaser's or any remote offices located at other areas or as per the decision of Purchaser at the time of deployment.
- 13. The following shall result in blacklisting of suppliers, contractors, or consultants, individually or collectively as part of consortium:
- (a) conviction for fraud, corruption, criminal misappropriation, theft, forgery, bribery or any other criminal offence; (b) involvement in corrupt and fraudulent practices while obtaining or attempting to obtain a procurement contract;
- (c) final decision by a court or tribunal of competent jurisdiction that the contractor or supplier is guilty of tax evasion; (d) willful failure to perform in accordance with the terms of one or more than one contract; (e) failure to remedy underperforming contracts, as identified by the procuring agency, where underperforming is due to the fault of the contractor, supplier or consultant.
- 14. Failure to complete the contract within the stipulated time period will invoke penalty of 0.025% of the total cost per day. In addition to that, Performance Guarantee (CDR) amount will be forfeited and the company will not be allowed to participate in future tenders as well.
- 15. An interested bidder, who has obtained bidding documents, may request for clarification of contents of the bidding document in writing, and procuring agency shall respond to such queries in writing within three calendar days, provided they are received at least five calendar days prior to the date of opening of bid.

-sd/-

Project Director PMU Board of Revenue Government of Sindh

- The performance security of the successful bidder will be released after issuance of successful completion certificate by the Project Management Unit, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh.
- All/any terms and conditions not specified here shall be dealt with reference to pertinent SPPRA Rules 2010.

(ii) Validity of the proposal

All proposal and price shall remain valid for a period of 90 days from the closing date
of the submission of the proposal. However, the responding organization is
encouraged to state a longer period of validity for the proposal.

(iii) Currency

• All currency in the proposal shall be quoted in Pakistani Rupees (PKR). The Bid prices and rates are fixed during currency of contract and under no circumstance shall any contractor be entitled to claim enhanced rates for any item in this contract.

(iv) Withholding Tax, Sales Tax and other Taxes

• The responding organization is hereby informed that the Government shall deduct tax at the rate prescribed under the Tax laws of Pakistan, from all payments for supplies and services rendered by any responding organization who signs a contract with the Government. The responding organization will be responsible for all taxes on transactions and/or income, which may be levied by Government. If responding organization is exempted from any specific taxes, then it is requested to provide the relevant documents with the proposal.

(v) OEM relationships

- The support and Maintenance should be supplied through verifiable distribution channel in Pakistan.
- The responding organization (RO) or one of the Joint Bidding Company to be authorized Partner/ Reseller, OF THE ORIGINAL MANUFACTURER.

(vi) Compliance to Specifications

• The Responding Organization (RO) to provide information as per (Compliance sheet). RO may not propose any kind of refurbished equipment / Hardware / components in their technical proposals.

(vii) Financial Capabilities

• The RO(s) shall describe the financial position of its organization. Income Statement or Report should be included in the detailed Technical proposal.

(viii)Penalty Clause

• It is utmost importance that schedule to tender should be filled in very carefully and the instructions set forth above, scrupulously complied with failing which the offer will

- 11. Drawings, operational manuals and brochures of the products and services offered.
- 12. Complete schedule of development, deployment, testing and commissioning is to be provided.
- 13. Ability to provide after sales support.

Selection Criteria

Single stage two-envelop procedure will be used for the final selection of the vendor. Bid / Proposal shall comprise two envelopes containing the technical & financial proposals separately and required information mentioned in General Terms & Conditions. All bids received will be opened and evaluated in the manner prescribed in the evaluation criteria of bidding document.

Instructions for Responding Organizations

Communication

Enquiries regarding this RFP shall be submitted in writing/email to:

Project Director, PMU, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh, adjacent Dr. Ziauddin Hospital, Clifton, Karachi, Tel: +92-21-99251372 / Fax: +92-21-35305586.

Mode of Delivery and Address

Proposal should be submitted on or before **Friday April 1st 2016** at **03:00** PM at the address given below:

Project Director, PMU, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh, adjacent Dr. Ziauddin Hospital, Clifton, Karachi.

Tel: +92-21-99251367-8 / Fax: +92-21-99251373.

Proposals shall be delivered by hand or courier so as to reach the address given above by the last date indicated for submission. **PROPOSALS RECEIVED BY FAX OR EMAIL SHALL NOT BE ACCEPTED.**

Submission of Proposal

The bidder must bid for the complete solution of all required modules. Bidding for individual items from the package will be rejected as non-responsive. Proposals can be submitted on or before **Friday April 1st 2016 at 03:00 PM** at the office of Project Director, PMU, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh, adjacent Dr. Ziauddin Hospital, Clifton, Karachi, Tel: +92-21-99251372 / Fax: +92-21-35305586. Bid / Proposal shall comprise one single envelope containing the technical & financial proposal and required information mentioned in General Terms & Conditions. All bids received will be opened and evaluated in the manner prescribed in the evaluation criteria of bidding document.

	[20 marks for each certified		2x System Analyst
	professional]		1x Database Administrator
			3x Web Designer
			3 x Software Engineers
			1x QA Engineer
			(Please attach Payroll, CVs and certificates)
1.2	Specific Experience	400	Relevant experience
	Project of Land Revenue		The bidder must have successfully delivered
1.2.1	Management	150	at least one project for public sectors.
	3		(Please attach successful completion
			certificate)
	Project of e-enablement for		The bidder has successfully completed two
1.2.2	public sector	150	projects for the project of e-enablement for
1.2.2		130	public sector (Please attach successful completion
	(75 for each)		certificate)
		 	The bidder has successfully completed two
	Project of designing of mobile		projects for the Designing of mobile app for
1.2.3	app	100	public/ private sector
	(50 each project)		(Please attach successful completion
			certificate)
1.3	General Experience	100	General Experience
			The bidder has successfully completed two
	Design and Development of		projects for Design and Development of
1.3.1	Customized Enterprise	100	Customized Enterprise Resource Planning in
	Resource Planning		public sector
	[50 marks for each project]		(Please attach successful completion
1.2	Einen in Constitution	100	certificate)
1.3	Financial Capabilities Financial Capabilities in last 3	100	
	years		
	• Annual turnover of more		
	than Rs 30 million in		
	relevant I.T business (100	ĺ	
	Marks)		Provide last 3 years audited financial
1.3.1	• Certified liquid assets of	100	statements
	more than 30 Million held		
	by firm for last one year		
	as verified through		
]	audited financial		
	statements (100 Marks)		
1.4	Presentation	100	:
1.4.1	Presentation on Proposed	100	The bidder will provide presentation on
	Solution	proposed solution	
	Total Marks	1000	
	Passing Marks	800	(Technical Proposal)

- Development, U.AT and deployment will be the responsibility of the successful Bidder.
- 6 Bidder should have appropriate mechanism to provide sufficient services.
- 7. Bidder to nominate dedicated staff for support during the specified period to be stationed in B.O.R

d) Joint Ventures

Bids submitted by a joint venture of two or more companies or partners shall comply with the following requirements:

- a) The Bid, and in case of successful Bid, the Contract form, shall be signed by the lead bidder duly nominated by all the JV partners;
- b) One of the partners shall be authorized to be Incharge; and this authority shall be evidenced by submitting a power of attorney signed by legally authorized signatories of all the partners;
- c) The partner Incharge shall be authorized to incur liabilities, receive payments and receive instructions for and on behalf of any or all partners of the joint venture;
- d) all partners of the joint venture shall be liable jointly and severally for the executing of the Contract in accordance with the Contract terms, and a relevant statement to this effect shall be included in the authorization mentioned under (b) above as well as in the Bid Form and the Form of Agreement (in case of a successful Bid); and
- e) The JV Agreement for this project entered into by the joint venture partners on stamp paper duly attested by Notary Public shall be submitted with the Bid.

Special Instructions

- Incomplete applications will not be considered.
- Any firm, which furnishes wrong information, will be liable for legal proceeding and
 if any contract is awarded, the same will be cancelled.
- Board of Revenue reserves the right to accept or reject any or all proposals without assigning any reason thereof.
- Authority Letter or Agreement from Principal Company or its Distributor for product and vendor authentication.
- The tender must be filled on prescribed forms without any alteration/over writing.
- Conditional tenders/bids will not be acceptable.
- Only companies registered with Sales Tax, Income Tax & Sindh Revenue Board Departments shall be eligible to participate in the tender (proof of registration is required).
- Every page of this tender document should be signed and sealed by the bidder.

Contacting the Purchaser

Any effort by a bidder to influence the Purchaser in the Purchaser's decisions in respect of bid evaluation or Contract award will result in the rejection of the bidder's bid.

SCOPE OF WORK

Reforms Wing & Special Cell, Board of Revenue, Government of Sindh, under the said approved Project of LARMIS invites tender through National Competitive Bidding for the software development modules specified hereunder in the schedule of requirements.

Contractor shall be responsible to develop the modules and carry out its User Acceptance Test before deployment of the system. Contractor shall provide on-site training to the staff of PMU, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh and also provide support and maintenance for a period of one year.

Reforms Wing & Special Cell, Board of Revenue, Government of Sindh through its LARMIS has right to terminate the contract if vendor will fail in providing satisfactory services in given scheduled time. In addition to that, Performance Security amount will also be forfeited.

Any unforeseen requirement for the implementation and maintenance of the project would be core responsibility of vendor.

SLA or any services agreement, if required, will be signed after implementation according to the satisfactory progress of the vendor and as per criteria of PMU, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh.

SCHEDULE OF REQUIREMENTS

ALONGWITH DETAILED TECHNICAL SPECIFICATION

DEVELOPMENT OF CUSTOMIZED SOFTWARE AND DATABASE MANAGEMENT WITH INSTALLATION AND TRAINING

MODULES:

- A. DESIGN RDBM FOR SCANNING, INDEXING, DATA ENTRY AND COMPLAINT MANAGEMENT SYSTEM
- B. DESIGN AND DEVELOPMENT OF CUSTOMIZED WEB APPLICATION FOR SCANNING, INDEXING AND DATA ENTRY
- C. DESIGN AND DEVELOPMENT OF CUSTOMIZED COMPLAINT/PROCESS MANAGEMENT SYSTEM
- D. DESIGN AND DEVELOPMENT OF CUSTOMIZED WEB BASED DASHBOARD APPLICATION
- E. DESIGN AND DEVELOPMENT OF CUSTOMIZED REPOSITORY MODULE
- F. DESIGN AND IMPLEMENTATION OF USER MANAGEMENT AND ACCESS CONTROL SYSTEM
- G. DEVELOPMENT OF INTEGRATED SMS MANAGEMENT SYSTEM ALONG WITH HARDWARE AND SMS PACKAGE
- H. DESIGN AND DEVELOPMENT OF BIOMETRIC TIME ATTENDANCE SYSTEM H/W
- I. DESIGN AND DEVELOPMENT OF BOOKS MANAGEMENT AND INFORMATION SYSTEM

- XML INTEGRATION
- TRY...CATCH
- DATABASE MAIL

B. DESIGN AND DEVELOPMENT OF CUSTOMIZED WEB APPLICATION FOR SCANNING, INDEXING AND DATA ENTRY

This module will contain the design and development of customized web based application as per the requirement of concerned department/officials. Software requirement specification document will have the complete logical design of this module.

There should be multi-user and user friendly web application containing following features:

- Keeping information of Scanned Documents
- Development of Indexing application inputs for indexing application will be provided by concerned department/officials
- Data entry as per indexing and scan images. Inputs for application will be provided by concerned department/officials
- Connectivity with thin/smart clients
- Connectivity with User Management, Access control, Log Management and Repository Module

Hardware procurement for document scanning is not included in the scope of software development

C. DESIGN AND DEVELOPMENT OF CUSTOMIZED COMPLAINT/PROCESS MANAGEMENT SYSTEM

This module will have following characteristics and features:

Providing capability to log complaint from various defined sources e.g.
 internal or external complaint

real-time connectivity with the main database without reasoning of extra load on central database. For better and efficient output, database should be cubed properly in order to get desired information quickly.

The design and Key Performance Indicators (KPI) should be finalized after the detailed coordination and approval of the concerned officials of Board of Revenue, Sindh.

The presentation and visualization of information should be different for each level of user/ group. As every groups will be focused on their own relevant data/information. Super user may have option to view all the valuable information through the digital dashboard.

E. DEVELOPMENT OF REPOSITORY MODULE:

Repository Module should be integrated with all other components. There should be a harmony in the format of all reports. Cascading Style Sheet should be implemented on reports. Reports may be designed either in any standard report writer or using HTML but it should be rapidly creating flexible, feature-rich, high-fidelity reports and tightly integrate with into web and desktop applications. The provision of export functionality should be available in all reports. Report formats will be finalized with the coordination of concerned officials of Board of Revenue, Sindh. SRS submitted by the contractor will contain format of all reports.

The access to reports will be based on privileges provided/ set by administrator or super-user.

Reports should be improved productivity features allowing high quality viewing, printing and exporting with fewer efforts.

As regards, Reports Management and delivery should have following features:

- **Security**: there should be use of granular object, user and data level security by specifying user access and actions within a particular report.
- **Scheduling**: flexible-scheduling capabilities should allow ensuring that information can be processed efficiently. Schedule reports should be

depending on privileges provided by the administrator. Roles/ groups may be like Super user, Administrator and Guest.

User Management System should be integrated with Microsoft Exchange. Most common tasks, such as creating mailboxes, mail enabling a group and accessing common Exchange properties should be shared (import/ export) with Microsoft Exchange.

UMS should take viewing group members to a whole new level with the Group Member Matrix: A fully customizable view capable of showing all members of one or more groups in a clear and easy to understand format.

All the credentials of a user/ group will be stored encrypted in database and the contractor will provide decryption script to Board of Revenue, Sindh.

F. DEVELOPMENT OF LOG MANAGEMENT SYSTEM AND ACCESS CONTROL MECHANISM:

Log Management System:

Log Management System should have following characteristics:

Log Management Highlights:

- Collect logs from all log sources, whether Application or databases
- Organize logs in a centralized, scalable, and secure manner
- Enable fast, flexible search into all logs
- Automate log archiving and retrieval for long term retention
- Search and recover archived logs in seconds

Log Analysis Highlights:

- Automate log classification, normalization, aggregation, and correlation
- Identify anomalies in applications, databases, systems, and devices in real time

- Launch intelligent searches in real-time (i.e., as logs are being generated)
- Quick Search toolbar available from any user dashboard screen
- Perform one-click correlation from any search
- View millions of logs via 3-D visualization to discover anomalies and analyze trends rapidly

Web Access Control Mechanism:

Access control mechanisms are a necessary and crucial design element to application's security. It would protect front-end and back-end data and system resources by implementing access control restrictions on what users can do, which resources they have access to, and what functions they are allowed to perform on the data. Ideally, an access control scheme should protect against the unauthorized viewing, modification, or copying of data. Additionally, access control mechanisms can also help limit malicious code execution, or unauthorized actions through an attacker exploiting infrastructure dependencies (DNS server, ACE server, etc.).

Access Control refers to the much more general way of controlling access to web resources, including restrictions based on things like the time of day, the IP address of the HTTP client browser, the domain of the HTTP client browser, the type of encryption the HTTP client can support, number of times the user has authenticated that day, the possession of any number of types of hardware/software tokens, or any other derived variables that can be extracted or calculated easily.

Mandatory Access Control (MAC) ensures that the enforcement of organizational security policy does not rely on voluntary web application user compliance. MAC secures information by assigning

DEVELOPMENT OF CUSTOMIZED SEARCH ENGINE:

Customized Search Engine will be the main component of the overall solution. On the basis of all indexing parameters a web based quick and robust search mechanism should be developed. Searching parameters will be discussed with the concerned department. The search result will be setup based; while setup based means here that all the fields should have option of visible ON/OFF. All the transactions will be displayed in-group by transaction key and each transaction will also have a link of original scanned image and computerized document. There should be options to export the search list into standard format e.g. docx, pdf or excel.

This component will also be interconnected with other components e.g. User Management, Log Management and Access Control System. User may have different options depending on the privileges provided to particular user or group.

All the transactions performed through this component will be logged properly e.g. who is login and from where login (IP based logging), detail of documents viewed and printed.

All the exceptional events should be logged in database e.g. if request is sent to printing but due to any hardware malfunctioning if print process does not complete successfully then it should be logged.

Format of printed reports will be finalized with the approval of the concerned officials of Board of Revenue, Sindh.

G. DEVELOPMENT OF INTEGRATED SMS MANAGEMENT SYSTEM

Integrated SMS Management System should Web Service or API based solution so that it can be connected to various components of software of the whole solution. Contractor will liable to provide SMS Package for at least 1 year with the provision of Short SMS Code. The concerned officials of Board of Revenue, Sindh, will provide code

Delivery schedule
The successful bidder would be required to carry out the development and deployment of enhanced scanning & indexing software within a period of 03 months after signing of contract.

BID FORM

To,

Project Director PMU, Project Management Unit, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh Karachi.

Sir,

SUBJECT:

"DEVELOPMENT OF VARIOUS CUSTOMIZED SOFTWARES FOR ENHANCEMENT OF LARMIS DATABASE MANAGEMENT INFORMAITON SYSTEM" UNDER THE SCHEME "LARMIS"

Having examined the bidding documents, the receipt of which is hereby duly acknowledge, for the above Contract, we, the undersigned, offer to supply, deliver, test and impart training in conformity with the said bidding documents for the Total Bid Price.

Pak Rupees (in figures	in words)
		

or such other sums as may be ascertained in accordance with the Price Schedule attached hereto and made part of this bid.

We undertake, if our bid is accepted, to complete the works in accordance with the Contract Execution Schedule.

If our Bid is accepted, we will provide the performance security in the sum equivalent to 5% of the Contract Price for the due performance of the Contract.

We agree to abide by this Bid for the period of ninety (90) days from the date fixed for bid opening of the Instructions to Bidders, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal Contract is prepared and executed, this Bid, together with your acceptance thereof in your Notification of Contract Award, shall constitute a binding Contract between us.

We understand that you are not bound to accept the lowest-priced or any Bid that you may receive.

Dated tris2016	
WITNESS	BIDDER
Signature	Signature
Name	Name
Title	Title
Address	Address

PERFORMANCE SECURITY FORM

To,
Project Director PMU,
Project Management Unit,
Reforms Wing & Special Cell,
Board of Revenue,
Government of Sindh
Karachi.

WHEREAS <u>[Name of the Contractor]</u> hereinafter called "the Contractor" hundertaken, in pursuance of the bid for <u>"DEVELOPMENT OF VARIOUTION SYSTEM" UNDER THE SCHEME "LARMI dated2016, (hereinafter called "the Contract").</u>	<u>US</u> SE
AND WHEREAS it has been stipulated by you in the Contract that the Contract shall furnish you with a bank guarantee by a recognized bank for the sum specific therein as security for compliance with the Contractor's performance obligations accordance with the Contract;	ied
AND WHEREAS we have agreed to give the Contractor a Guarantee:	
THEREFORE WE hereby affirm that we are Guarantor and responsible to you, behalf of the Contractor, up to a total of	ind the any as
This guarantee is valid until day of, 2015, or twenty-eight (2 days of the issue of the Defects Liability Expiry Certificate, whichever is later.	28)
[NAME OF GUARANTOR] Signature Name Title Address	
Seal	

FORM 1.1.2

COMPANY PROFILE

BIDDER'S CERTIFICATION

ISO 9000-3:1997 "or" Equivalent & ISO 9001: 1994 "or" Equivalent (Please attach valid certificates)

S. No.	Description	Year of certification	Date of Expiry

COMPANY'S PROFILE

TEAM MEMBER CERTIFICATIONS

(PLEASE ATTACH PAY ROLL CERTIFICATES, C.Vs & AUTHENTICATED CERTIFICATION DOCUMENTS)

(ATTACH SEPARATE SHEET FOR EACH CERTIFIED PROFESSIONAL STAFF)

POSITION					
PERSONNEL INFORMATION	NAME		DATE OF BIRTH		
	PROFESSIONAL QUALIFICATIONS				
	TECHNICAL/PROFESSIONAL CERTIFICAT	rions			
EXPERIENCE	NAME OF EMPLOYER	· · · · · · · · · · · · · · · · · · ·			
	Position	Fron	M	То	
			}		
PRESENT	Job Title:	<u></u>			
EMPLOYMENT RECORD					
	Period with firm:				
	Telephone:		Email:	*	
	NTN:				
	Mail Address:				

Note:

Please attach relevant document such as degree(s), certificate(s) and any other deemed necessary as proof of claims in CVs.

RELEVANT EXPERIENCE

PROJECT OF DEVELOPMENT OF SOFTWARE OF INVENTORY LOG MANAGEMENT FOR ANY PUBLIC SECTOR ORGANIZATION OR A RECOGNIZED FINANCIAL INSTITUTION

(Please attach successful completion certificate)

Use a separate sheet for each contract / Consultancy.

1.	Name of Contract:	
	Country:	
2.	Name of Procuring Agency, Telephone and Fax Number:	
3.	Procuring Agency Address:	
4.	Nature of works and special features relevant to the contract:	
5.	Contract Role (Tick One):	
	(a) Sole (b) Sub-partner (c) Partner in a Joint Venture	
6.	Value of the total contract (in specified currencies) at completion, or at date award for current contract:	of
	Currency Currency Currency	
7.	Equivalent in Pak/ Rs.:	
8.	Date of Award:	
9.	Date of Completion:	
10.	Specified Requirements:	

Note:

Please attach relevant document such as completion certificate and any other document deemed necessary as proof of claims



FINANCIAL CAPABILITIES

ANNUAL TURNOVER

(Attach relevant authenticated audited statement)

Date:	

YEAR	AVERAGE	INCOME TAX	Name alongwith Cost of IT	Liquid Assets
	TURNOVER	PAID	Projects Executed/ Undertaken	Balance
2013-14				
2012-13				
2011-12				

Note:

Please attach relevant document such as authenticated audited statements and other document deemed necessary as proof of claims

RELEVANT EXPERIENCE

PROJECT OF DEVELOPMENT OF INTEGRATED SMS MANAGEMENT SYSTEM FOR ANY PUBLIC SECTOR ORGANIZATION OR A RECOGNIZED FINANCIAL INSTITUTION

(Please attach successful completion certificate)

Use a separate sheet for each contract / Consultance	Use a separa	te sheet fo	r each contract	/ Consultancy
--	--------------	-------------	-----------------	---------------

1.	Name of Contract:		
	Country:		
2.	Name of Procuring Agency, Telephone and Fax Number:		
3.	Procuring Agency Address:		
4.	Nature of works and special features relevant to the contract:		
	:		
5.	Contract Role (Tick One):		
	(a) Sole (b) Sub-partner (c) Partner in a Joint Venture		
6.	Value of the total contract (in specified currencies) at completion, or at da	te of	
	award for current contract:		
	Currency Currency Currency	<u> </u>	
7.	Equivalent in Pak/ Rs.:		
8.	Date of Award:		
9.	Date of Completion:		
10.	Specified Requirements:		

Note:

Please attach relevant document such as completion certificate and any other document deemed necessary as proof of claims



RELEVANT EXPERIENCE

PROJECT OF DEVELOPMENT OF CUSTOMIZED SOFTWARE FOR ANY PUBLIC SECTOR ORGANIZATION OR A RECOGNIZED FINANCIAL INSTITUTION

(Please attach successful completion certificate)

Use a separate sheet for each contract / Consultancy.

1.	Name of Contract:		
	Country:		
2.	Name of Procuring Agency, Telephone and Fax Number:		
3.	Procuring Agency Address:		
4.	Nature of works and special features relevant to the contract:		
	<u> </u>		
	Contract Pole (Tiels One)		
5.	Contract Role (Tick One):		
	(a) Sole (b) Sub-partner (c) Partner in a Joint Venture		
6.	Value of the total contract (in specified currencies) at completion, or at date of award for current contract:		
ļ	award for current contract.		
	Currency Currency Currency		
7.	Equivalent in Pak/ Rs.:		
8.	Date of Award:		
9.	Date of Completion:		
10.	Specified Requirements:		

Note:

Please attach relevant document such as completion certificate and any other document deemed necessary as proof of claims

COMPANY'S PROFILE

COMPANY SIZE

Regular employees on company payroll for last one year.
(Please attach authenticated pay roll certificates)

(ATTACH SEPARATE SHEET FOR EACH FULL TIME TECHNICAL STAFF)

Position					
PERSONNEL INFORMATION	Name		DATE OF BIRTH		
	PROFESSIONAL QUALIFICATIONS				
	TECHNICAL/PROFESSIONAL CERTIFICATIONS				
EXPERIENCE	NAME OF EMPLOYER				
	Position	FROM		То	
PRESENT EMPLOYMENT RECORD	Job Title:				
NECOND	Period with firm:				
	Telephone:		Email:		
	NTN:				
	Mail Address:		 		

Note:

Please attach relevant document such as degree(s), certificate(s) and any other deemed necessary as proof of claims in CVs.

Technical Evaluation Forms

FORM 1.1.1

Date: -----

COMPANY PROFILE NUMBER OF YEARS IN BUSINESS

All bidders are requested to complete the information in this form. Nationality

1.	Name of firm or consortium of firm (Legal Name):		
	(In case of Joint Venture (JV), please also provide legal name of each partner)		
2.	Nature of Business:		
	(Whether the firm is a Corporation, Partnership, Trust etc., show documentary evidence of required nature in business for every year		
3.	Head Office Address:		
4.	Telephone		
	Fax numbers:		
	E-mail address:		

Place of Incorporation/Registration:

Year of incorporation/registration:

NATIONALITY OF OWNERS.

Applicant's authorized representative:

5.

6.

7.

Telephone Fax numbers: E-mail address:

Name:

Note: Please attach relevant document such as certificate of incorporation / registration

Country:

BID SECURITY FORM

WHEREAS <i>[Name of Bidder]</i> (hereinafter called " the Bidder " has submitted it
bid dated[date] for the "DEVELOPMENT OF VARIOUS CUSTOMIZEI
SOFTWARES FOR ENHANCEMENT OF LARMIS DATABASE MANAGEMEN
INFORMAITON SYSTEM" UNDER THE SCHEME "LARMIS", (hereinafter calle
"the Bid").
KNOW ALL MEN by these presents that we [Name of the Bank] of [Name of the Bank]
Country] having our registered office at <u>[Address of Bank]</u> (hereinafter called
"the Bank") are bound into the Project Management Unit, Reforms Wing & Special Cel
Board of Revenue, Government of Sindh, Karachi, Pakistan (hereinafter called "the
Purchaser") in the sum of, for which paymer
well and truly to be made to the said Purchaser, the Bank binds itself, its successor
and assigns, by these presents.
Sealed with the Common Seal of the Bank thisday of, 2016
THE COMPITIONS of this alstimation and
THE CONDITIONS of this obligation are:
1 If the Didder withdraws its Didduring the period of hid validity appointed by
1. If the Bidder withdraws its Bid during the period of bid validity specified b
the Bidder on the Bid Form; or
2 If the Didder does not accept the corrections of his Total Did Drice; or
2. If the Bidder does not accept the corrections of his Total Bid Price; or
3. If the Bidder, having been notified of the acceptance of its Bid by th
Purchaser during the period of bid validity:
Fulchaser during the period of bid validity.
(a) Fails or refuses to furnish the performance security, in accordance with the
Instructions to Bidders; or
(b) Fails or refuses to execute the Contract Form, when requested. or
(b) I all of relaces to execute the contract Form, when requested. of
We undertake to pay to the Purchaser up to the above amount, according to, and upo
receipt of, its first written demand, without the Purchaser having to substantiate it
demand, provided that in its demand the Purchaser will note that the amount claimed b
it is due to it owing to the occurrence of one or both or all the three above state
conditions, specifying the occurred condition or conditions.
conditions, specifying the occurred condition of conditions.
This guarantee will remain in force up to, the period of bi
validity, and any demand in respect thereof should reach the Bank not later than suc
date.
By [Bank]
(Title)
Authorized Representative

30

PRICE SCHEDULE

The bidders should submit their price bid/financial proposal in the following prescribed format detailing item, its quantity, unit price & total price in accordance with the terms and conditions and provisions of this RFP document.

SR. NO	MODULE	Unit	Unit Price
1	DESIGN RDBMS FOR SCANNING, INDEXING, DATA ENTRY AND COMPLAINT MANAGEMENT SYSTEM	One Solution	
2	DESIGN AND DEVELOPMENT OF CUSTOMIZED WEB APPLICATION FOR SCANNING, INDEXING AND DATA ENTRY	One Solution	
3	DESIGN AND DEVELOPMENT OF CUSTOMIZED COMPLAINT/PROCESS MANAGEMENT SYSTEM	One Solution	
4	DESIGN AND DEVELOPMENT OF CUSTOMIZED WEB BASED DASHBOARD APPLICATION	One Solution	
5	DESIGN AND DEVELOPMENT OF CUSTOMIZED REPOSITORY MODULE	One Solution	
6	DEVELOPMENT OF INTEGRATED SMS MANAGEMENT SYSTEM WITH ONE YEAR SMS PACKAGE AND OTHER SERVICE CHARGES	One Solution	
7	DESIGN AND DEVELOPMENT OF BIOMETRIC TIME ATTENDANCE SYSTEM WITH 1 BIOMETRIC MACHINE AND 5 USB FINGERPRINT VERIFICATION DEVICES	One Solution	
8	DESIGN AND DEVELOPMENT OF BOOKS MANAGEMENT AND INFORMATION SYSTEM	One Solution	
	TOTAL:		

H. CUSTOMIZED BIOMETRIC TIME ATTENDANCE SYSTEM

- Connectivity with Time Attendance Machines on real-time basis which means no external process should be required to pull data into central database
- Time Attendance Machines will be connected to Server with static IP and fingerprint templates and transactions data will be stored in Server as well.
- Customized software should provide all the standard reports e.g. Day ln, Day Out, Late comers, Early Departure, Late sitting and etc.
- Export data into standard formats such as Excel and text files

I. DESIGN AND DEVELOPMENT OF BOOKS MANAGEMENT AND INFORMATION SYSTEM

This customized web based software will be designed as per the requirement of concerned department. Inventory will be maintained for all the books received and issued. Repository module for this software will contain all standard report showing the transactions with various parameters and aspects. All the transactions in application will be made through biometric verification Module will be connected with User Management, Repository and Dashboard Modules.

Technology Features

1. The Vendor must describe the technology, type and standards.

Warranty

1. Describe in detail the warranties provided by the vendor and manufacturer for the software for the proposed equipment which should not be less than one (01) year.

Maintenance and Support

1. Describe system maintenance options available for a period of one (01) year

Technical Specifications

Note: Vendors should submit their bid with equivalent or higher configuration.

sensitivity labels on information and comparing this to the level of sensitivity a user is operating at. In general, MAC access control mechanisms are more secure than DAC yet have trade-offs in performance and convenience to users. MAC mechanisms assign a security level to all information, assign a security clearance to each user, and ensure that all users only have access to that data for which they have a clearance. MAC is usually appropriate for extremely secure systems including multilevel secure military applications or mission critical data applications. A MAC access control model often exhibits one or more of the following attributes.

- Only administrators, not data owners, make changes to a resource's security label.
- All data is assigned security level that reflects its relative sensitivity, confidentiality, and protection value
- o All users can read from a lower classification than the one they are granted (A "secret" user can read an unclassified document).
- All users can write to a higher classification (A "secret" user can post information to a Top Secret resource)
- All users are given read/write access to objects only of the same classification (a "secret" user can only read/write to a secret document).
- Access is authorized or restricted to objects based on the time of day depending on the labeling on the resource and the user's credentials (driven by policy).
- Access is authorized or restricted to objects based on the security characteristics of the HTTP client (e.g. SSL bit length, version information, originating IP address or domain, etc.

- Perform advanced filtered and forensic searches across all logs
- Perform trending analysis across millions of logs in a single view
- Apply advanced data mining techniques for investigations or root cause analysis

Event Management Highlights:

- Automate real-time monitoring and alerting
- Flexible role-based alerting
- Automatically prioritize alerts based on asset value of impacted system or application
- Conduct easy forensic search and analysis
- Apply comprehensive incident management
- Provide real-time access to detailed event and log data for rapid response

Reporting Highlights:

- Packaged Compliance Reports
- Schedule automated delivery of reports or report packages
- On-the-fly reports based on any search or investigation
- Easily tailor or customize reports based on individual needs
- Virtually unlimited reporting capabilities

Intelligent IT Search:

 User and Host contextualization enables search based upon origin and/or impacted hosts/users based on events or at specific times defined in setup and in the format require by the concerned departments of Board of Revenue, Sindh

- **Scalable central architecture:** to support high level reporting, all the reports should be scalable, central architecture. It should include a set of report processing services for speed-of-thought information access.
- **Data binding:** to access with more efficiency, it should be used data binding technique to bind unbound fields at runtime
- Intelligent Charting: Provision of intelligent charting should be embedded in reports. Variables should be approximated when any chart is being dropped into section. Charts must be updated whenever new data/variable would be added.

DEVELOPMENT OF USER MANAGEMENT SYSTEM:

The User Management System should provide functionality to manage users, roles and. It should be reliable, extensible and open for easier integration with existent systems.

UMS should implement user management and authentication, personal profiles management and classification.

UMS should be simple user management system that will provide functionality to manage personal profiles and users. Personal profiles may contain information such as profile identification number, email, first and last name, etc. Personal profiles will be used for personal information such as names, addresses, etc. In order to access personal profile for reading and modification PIN number is used for authentication. User information should contain user identification number, username, password and session for authentication. User information will be used for high-level authentication and privileges definitions. One or more personal profiles may be assigned to a user. In addition there should be user groups for the purpose of group specific privileges and profile roles for application specific need related to the user's role in the system. User may have single or multiple login capability

- All types of complaint will be handled by application automatically as defined processing mechanism
- Concerned officials will receive SMS and emails at complaint receiving or forwarding
- Application will also handle load management, i.e. transfer of complaint to concerned users will depend on already load they have
- Status will be maintained by the users received complaint
- Complainant should be able to see the current status of his/her complaint by getting randomly generated id and password from the system
- Complaint should be closed automatically when it gets completed
- Module will be connected with main database, Dashboard, Repository, Log
 Management and Search Engine Modules
- Module will be publically accessible so mobile version would be developed along with desktop version
- Logins and authentications will be controlled by biometric verification

D. DEVELOPMENT OF DIGITAL DASHBOARD AND MANAGEMENT INFORMATION SYSTEM:

A digital dashboard should be designed to provide immediate access to intellectual information assets of Board of Revenue, Sindh so that management may able to make faster, more informed decisions. The integrated solution should be helpful to the department for quickly process information that relevant and critical to their particular responsibilities and then focus on details or take action.

Customized digital dashboard collaborated with the all components and analysis tools. It should be a really canonical application that would bring together all accumulated and detailed information in a meaningful way.

All the visualizations should be interactive i.e. provision of hyperlinks for further detail view. It should be a single page application with the provision of printing and saving in all standard formats. All the information should be updated and

DESCRIPTION OF MODULES:

A. DESIGN RDBMS FOR SCANNING, INDEXING, DATA ENTRY AND COMPLAINT MANAGEMENT SYSTEM

Objective of this module is to design new database and modification as per requirement in existing database. The data exist in currently running database will be fetched in new database, therefore schema of new database should have adoptability with existing database.

Existing database is almost of 7TB and containing millions of images embedded in database at Microsoft platform i.e. SQL Server 2014 Enterprise. The new database will fetch those images as well keeping optimization in mind.

Contractor will provide the standard documents e.g. Data Dictionary, Entity Relation Diagram and etc.

This module will cover all the installations, documentations, and implementation of backup and restoration routines.

Design and development of RDBMS will also fulfil the requirement for connectivity with Data Center to DRC located at different locations.

Redesigned RDBMS should have following features:

- NORMALIZATION
- HIGH PERFORMANCE
- HIGH AVAILABILITY
- DATABASE MIRRORING
- DATABASE SNAPSHOTS
- CLR INTEGRATION
- SERVICE BROKER
- DDL TRIGGERS
- RANKING FUNCTIONS
- ROW VERSION-BASED ISOLATION LEVELS

Purchaser's Right to Accept the Bid or Reject the Bid

The Purchaser reserves the right to accept or reject the bid and to annul the bidding process at any time prior to award of Contract, without thereby incurring any liability to the bidder or any obligation to inform the bidder of the grounds for the Purchaser's action as per SPP Rules, 2010.

Award Criteria

Financial bids of firms who score at least 80% or above on the technical evaluation (as a whole) will be opened. Technically qualified financially lowest Bidder will be awarded the project based on all other compliances to the RFP. The Purchaser reserves the right to accept or reject any bid or reject all bids, at any time prior to award of contract, without thereby incurring any liability to the affected bidders or any obligation to inform the affected bidders.

Preliminary Evaluation Checklist

The Bidder should fill out this Form by providing all the required information and Placing this Form on top of the Technical Proposal. Relevant portions of the Technical Proposal should be referenced in this form. Please note that all required information should be provided on this Form and no document should be attached.

Information Required

- a) General
- 1 Name of Bidder or Group of companies going into bid.
- 2 No of Years in business in Pakistan
- 3 No of Offices locations in Pakistan
- 4 Annual Turnover (Million Rs.)
- 5 Value of projects in hand (details may be given)
- 6 Year of Incorporation
- 7 Status of the Bidder
 - Sole Proprietor
 - Partnership Firm
 - Private Limited Company
 - Public Limited Company
 - Entity registered / incorporated outside Pakistan (Give details)
 - Other (Please specify)
- 8 Names of Owner / Partners / Chief Executive / Directors
- 9 Details of Registered Head Office (Address, Phone, Facsimile, Email and Website information)

b) Details of total staff employed

- 1 No of permanent staff employed: Technical /Managerial
- 2 Cumulative Experience (in years)
- 3 Total No. of Support professionals in Technical Domain
- 4 Details of dedicated I.T Professionals team assigned for the undertaking the project.

c) Support Capabilities

- 1 Experience in Support area
- 2 No. of Staff employed: (Capable of providing Support)
- 3 Cumulative Experience (in years)
- 4 List of Customers of "Support" along with contact details.

The Bank Draft for Bid Bond to be enclosed in a separate envelope, labeled as "Bank Draft/Earnest Money (Bid Bond)", and which should be sealed. Proof of Sales Tax, NTN & SNTN numbers should also be provided. (Please provide photocopies of all relevant documents).

Opening of Proposals

The technical proposals submitted against the subject RFP will be opened by the Procurement Committee of PMU, Board of Revenue, Sindh on **Friday April 1st 2016** at 03:30 **PM** in the Committee room of PMU, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh, adjacent Dr. Ziauddin Hospital, Clifton, Karachi, Tel: +92-21-99 251367-8/ Fax: +92-21-99251373 in presence of all the bidders, or their representatives, who may choose to be present.

Evaluation and Comparison of Technical and Financial Bids

Bid / Proposal shall comprise two separate envelopes containing the technical & financial proposal and required information mentioned in General Terms & Conditions. All bids received will be opened and evaluated in the manner prescribed in the evaluation criteria of bidding document as listed below:

- 1. Bid shall comprise two separate envelopes.
- 2. Each envelope shall contain separately the financial proposal and the technical proposal;
- 3. Envelopes shall be marked as "FINANCIAL PROPOSAL" and "TECHNICAL PROPOSAL" in bold and legible letters to avoid confusion;
- 4. Initially, only the envelope marked "TECHNICAL PROPOSAL" shall be opened; envelope marked as "FINANCIAL PROPOSAL" shall be retained in the custody of the procuring agency without being opened.

Basis of Evaluation and Comparison of Bid

5. The bidders meeting the following technical criteria will be eligible for consideration of financial bid against the tender. The financial bids of only those bidders will be considered who pass the technical evaluation criteria.

S.#	Evaluation Parameter	Marks	Description & Documents Required
1	Technical Proposal	\$\$ 1000 \$\$	MARKAGE TRANSPORT
1.1	Company Profile	300	
1.1.1	Years in business [20 marks for each year]	100	5 years in business. (Please provide registration certificate)
1.1.2	Company Size	100	Bidder must have minimum 25 employees on company payroll. (Please attach Payroll)
1.1.3	Team Member Certifications	100	Must have at least

be ignored. In case of non-completion of supplies and services within stipulated period Earnest Money will be forfeited in favor of the Project Management Unit, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh, Karachi. Besides liquidated damages of 0.025% per day of the contract price per day will be deducted for delayed delivery of goods and services.

(ix) Support Capabilities

Responding organization should indicate the support capabilities for the provided equipment and hardware in the following format:

Item	Action Item	Maximum Response Time
Software Support & Maintenance	Troubleshooting/Tune-up	1 Working Day
	Re-Configuration/Installation	3 Working Days

The technical offer must be submitted (in duplicate) with the following documents

- 1. Company Profile with complete address, telephone No. Fax. No. and e-mail address and contact person.
- 2. Letter or Agreement of Authorized Partner from the principal or Distributor of this region to install, integrate and operate such systems.
- 3. Partnership / Reseller letter or agreement copy which authorize Bidder to sell or market the proposed software products in Pakistan.
- 4. Document Fee and Bid Security of the specified form and amount as per RFP.
- 5. Bid must be signed, named and stamped by the authorized person of the firm along with authorization letter
- 6. Authenticated Financial Statements of last three years should also be submitted with Technical Proposals
- 7. Valid NTN, GST, PST, Professional Tax and any other valid Tax Registration Certificate required by law in force.
- 8. In case of joint venture, names, company profiles, NTN, GST, PST Registration Certificates and authorization letter of the JV Partner on Stamp Paper of the prescribed denomination to bid on its behalf duly attested by the authorized Oath Commissioner / Notary Public shall be required.
- 9. Details of Installed Infrastructure if available at Bidders office for Online Backup support.
- 10. Hot Spare or Back-up Units Details (for this Project).

General Terms & Conditions

- Bids not confirming to the terms, conditions and specifications stipulated in this RFP will be rejected.
- Reforms Wing & Special Cell, Board of Revenue, Government of Sindh invites this tender under single stage - two envelope procedure, under SPPR 2010.
- Proposal after due date and time will not be accepted for any reason. Proposals must not be sent by Facsimile or e-mail. Such submissions will not be accepted for any reason.
- Proposal after due date and time will not be accepted for any reason. Proposals must not be sent by Facsimile or e-mail. Such submissions will not be accepted for any reason.
- Bid / Proposal shall comprise one single envelope containing the technical & financial proposal and required information mentioned below:
 - (i) Relevant experience;
 - (ii) Turn-over of at least last three years;
 - (iii) Registration with Income Tax, Sales Tax & Provincial Sales Tax (SRB);
 - (iv) Bid Security;
 - (v) Document Fee / Tender Fee (Non-Refundable);
 - (vi) Affidavit that the firm is not blacklisted; &
 - (vii) Any other information as required unde3r the Evaluation Criteria of this bidding document;
- The bidder must bid for the complete package. Bidding for individual items will be rejected as non-responsive.
- All bids received will be opened and evaluated in the manner prescribed in the evaluation criteria of bidding document.

(i) Bid Security & Performance Security

- All bids must be accompanied by an earnest money/bid security of two percent (2%) of total bid amount, in the form of 'pay order', 'demand draft' or 'bank guarantee' in the name of Project Director PMU, Board of Revenue, Sindh, and must be accompanied with the bid in a separate sealed envelope marked as "Earnest Money/Bid Security". Bid without earnest money/bid security of required amount and prescribed form shall be rejected.
- The bid security of the unsuccessful bidder will be released by PMU, Board of Revenue Sindh after award of work or after expiry of bid validity period whereas the bid security money of successful bidder will be released after the submission of performance security equivalent to 5% of contract price.

INVITATION TO BID

Reforms Wing & Special Cell, Board of Revenue, Government of Sindh herein after referred to as Purchaser), therefore invites sealed bids from eligible bidders for "DEVELOPMENT OF VARIOUS CUSTOMIZED SOFTWARES FOR ENHANCEMENT OF LARMIS DATABASE MANAGEMENT INFORMAITON SYSTEM" under the ADP Project of "Land Administration and Revenue Management Information System in Sindh" (LARMIS).

- 1. Tender Bids in sealed envelope are required under the Single Stage Two Envelope method of procurement as prescribed in the Sindh Public Procurement Rules 2010. Interested I.T firms having valid registration under Income Tax, Sales Tax & Provincial Sales Tax (PST) and also registered with the relevant Software bodies such as PASHA are eligible to participate.
- 2. The bidder applying for bids should submit two separate envelopes containing the technical & financial proposal
- 3. The bidder must quote for the complete solution. The uncompleted bids will be rejected as non-responsive.
- 4. All bids received will be opened and evaluated in the manner prescribed in the evaluation criteria of bidding document.
- 5. Interested eligible bidders may obtain further information on the bid and collect the bidding documents from the office of Project Director PMU, Reforms Wing & Special Cell, Board of Revenue, Government of Sindh, adjacent Dr. Ziauddin Hospital, Clifton, Karachi, Tel: +92-21-99251372 / Fax: +92-21-35305586 from Thursday March 17th 2016 during office Hours, i.e. from 9:00 am to 5:00 pm on payment of document fee of Rs. 2,000/- in the form of Pay order/Demand favour of Project Director PMU, Board of Revenue, Sindh till 12:00 PM on April 1st 2016. The biding document can also be downloaded from the website of SPPRA or the website of the Project Management Unit, Board of Revenue Sindh, i.e., in which case document fee may be submitted alongwith the bid. Only the bids submitted with the document fee or proof of payment thereof will be considered as eligible for participating in the bidding process.
- 6. All bids must be accompanied by an earnest money/bid security of two percent (2%) of total bid amount, in the form of 'pay order', 'demand draft' or 'bank guarantee' in the name of Project Director PMU, Board of Revenue, Sindh, and must be accompanied with the bid in a separate sealed envelope marked as "Earnest Money/Bid Security". Bid without earnest money/bid security of required amount and prescribed form shall be rejected.
- 7. Reforms Wing & Special Cell, Board of Revenue, Government of Sindh will not be responsible for any costs or expenses incurred by bidders in connection with the preparation or delivery of bids.