

# REQUEST FOR EXPRESSIONS OF INTEREST

## (CONSULTANT SERVICES)

PAKISTAN

Land Records Management and Information System (LRMIS) - Kasur Pilot  
Board of Revenue

CONSULTING SERVICES

Loan No./Credit No./TF No./Grant No. **(TBD)**

Project ID No. **(TBD)**

Expressions of interest

The Punjab Government envisages to receive financing from the World Bank toward the cost of the Land Record Management and Information System, and intends to apply part of the proceeds for consultant services. The services include Analysis Document, Detailed Design, Development of Customized Software, Deployment, Training, Data Entry, Hardware Procurement and Services and Maintenance. Evaluation criteria for short listing of consultants for per-qualification are elaborated in **Annexure – I**.

The Punjab Information Technology Board now invites eligible consultants to indicate their interest in providing the services. Interested consultants must provide information indicating that they are qualified to perform the services (brochures, description of similar assignments, experience in similar conditions, availability of appropriate skills among staff, etc.).

Interested consultants may obtain further information at the address below during office hours *i.e. 0800 to 1500 hours*.

Expressions of interest must be delivered to the address below by 20<sup>th</sup> June 2006:

**Punjab Information Technology Board**

Attn: The Chairman

4th Floor, Building 3, Aiwan-e-Iqbal Complex,  
Software Technology Park, Egerton Road, Lahore

Tel: +92-042-9201081-5

Fax: +92-042-9201080

E-mail: [info@pitb.gov.pk](mailto:info@pitb.gov.pk)

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Annexure-I



Evaluation  
Criteria

# **Pre-Qualification of Consultants**

**For**

**Customized Software Development of Land  
Record Management Information System  
(LRMIS) for District Kasur (Phase-I)**

**PUNJAB INFORMATION TECHNOLOGY BOARD  
GOVERNMENT OF THE PUNJAB**

## 1. Scope Statement

Currently, the land record management in Punjab is too cumbersome for the citizens. Due to poor management / supervision and due to lack of automation, the citizens find it difficult to obtain copies of land records and to get the land records updated.

The automation of land records will help consolidate and centralize the repository of land records and will improve and facilitate maintenance of land record and monitoring. The automated process will provide better access to the updated data for the citizens and will increase transparency to make the process of review and monitoring simpler and quicker. This automation should help to improve the overall efficiency of land records management through increase transparency and accessibility.

**LRMIS (Land Records Management and Information System)** will manage and track all the process involved in maintenance of land records. Currently all the forms and registers involved are maintained manually by Revenue Officials in concerned revenues estates. Along with automating all the registers and processes LRMIS will also handle the inter linkage of all the registers and forms involved, for verification and dynamic updating.

Initially, the plan is to automate four (4) kanungois in the District of Kasur. All key components of LRMIS and business processes will be tested in Kasur and then the solution will be rolled out to the entire Province. The key components include LRMIS software, hardware, networking, data cleansing, data entry, construction of kiosks, and business processes associated with land record administration.

Software solutions from four different Consultants will be implemented in four (4) different Kanungois in Kasur. The idea is to implement four software solutions in one Kanungoi each in district Kasur, evaluate each solution, and then select the software solution that is best suited for the entire Province of Punjab. In addition, testing of various solutions and selecting the best solution would allow the Government of the Punjab to procure a robust software solution and save data entry costs for the overall LRMIS project.

## 2. Project Objectives

LRMIS will serve the purpose of maintenance of digital land records, automating some of the tasks and processes that are involved in maintenance of these records and therefore support the policy of Government of Punjab to provide better services to the public. The scope of the project is to provide an automated system that will enable the generation and management of Land Records and the system associated with these records. The primary objectives of this project are:

- Transparent and efficient access of land records to the citizens.
- Transparent and efficient mechanism for updating these records.
- Low transaction costs of obtaining copies of or extract from records.
- Increase the level of public confidence in the veracity of record of rights.

LRMIS will help in urban, rural development of Punjab and will assist in achieving Government objectives as it will:

1. Implement e-Governance policies and procedures.
2. Use Information Technology in public service delivery.
3. Streamline business processes of the land records management system.
4. Strengthen the institutional capacity of the revenue administration from Kanungoi level to the Board of Revenue (BOR).
5. Increase public awareness of rights and interests in land.
6. Set the foundation of a unified modern, accessible and more reliable land records management system.
7. Monitor the quality and the efficiency of the services provided by the BOR and the district revenue administration.

In order to meet the requirements of the project and find the best LRMIS solution for the people of the Punjab, four (4) different Consultants will be asked to develop LRMIS solution for four different Kanungois in the District of Kasur. Each selected Consultant can be assigned only one (1) Kanungoi. Kanungoi will be assigned to each selected firm through balloting.

The responsibility of the Consultants will be to develop the customized LRMIS solution for the assigned kanungoi. The development of customized LRMIS software will include development of software, implementation, data entry (in one Kanungoi), data cleansing (in one Kanungoi), training, and maintenance.

PITB is calling this Expression of Interest (EOI) for the Pre-Qualification of Consultants to develop the LRMIS solution for the district of Kasur.

### **3. Evaluation Criteria**

Following criteria will be used to evaluate and pre-qualify the Consultants for the development and implementation of LRMIS solution in the district of Kasur. One Consultant can be assigned a maximum of one (1) Kanungoi in District Kasur.

#### **Mandatory Requirements**

Following are the mandatory requirements that each Consultant has to meet in order to be pre-qualified.

1. Last three (3) years average annual Software sales of the Consultant should be greater than Rs. 14.0 Million (Approx. \$ 233,000 USD). Copies of last three years income tax return or financial statement must be provided with the EOI.
2. The Consultant must have developed a software application with multilingual support using UNICODE.
3. Following conditions shall be considered in the technical evaluation for the reference(s) provided by the bidding Consultants in their EOI:
  - 3.1 The referenced (already deployed) multi-tier / multiuser / Online Transaction Processing (OLTP) client server based application on RDBMS in a distributed environment must be handling ten thousand (10,000) transactions (Insert / Update) per year.
  - 3.2 Only the reference(s) of the bidding Consultants shall be considered in the technical evaluation and not its subsidiary(ies) or sister company(ies).
  - 3.3 Only the resource(s) of the bidding Consultants shall be considered in the technical evaluation and not its subsidiary(ies) or sister company(ies).
4. Consultant must have developed and successfully deployed a minimum of one (1) multi-tier / multiuser / Online Transaction

Processing (OLTP) client server based application on RDBMS in a distributed environment.

5. Consultant must have been in business for a minimum period of one (1) year.

### Technical Evaluation Criteria for Pre-Qualification

Evaluation Parameter	Total Marks	Details
<b>Expression of Interest</b>	<b>50</b>	1) Multit-tier / multiuser / Online Transaction Processing (OLTP) client server based application on RDBMS in a distributed environment developed and deployed successfully in the last five years. Each project should have a minimum worth of PKR 1.0 Million (\$ 16,667/- USD) <ul style="list-style-type: none"> <li>○ Four (04) + software development projects (Excluding Hardware and Networking) of combined worth over PKR 8.0 Million (\$ 133,333/- USD) <b>50 Marks</b></li> <li>○ Three (03) software development projects (Excluding Hardware and Networking) of combined worth over PKR 6.0 Million (\$ 100,000/- USD) <b>35 Marks</b></li> <li>○ Two (02) software development projects (Excluding Hardware and Networking) of combined worth over PKR 4.0 Million (\$ 66,666/- USD) <b>20 Marks</b></li> <li>○ One (01) software development project (Excluding Hardware and Networking) of worth over PKR 2.0 Million (\$ 33,333/- USD) <b>10 Marks</b></li> <li>○ No project <b>0 Marks</b></li> </ul>
	<b>25</b>	2) Provide Company Profile, mention years of experience. <ul style="list-style-type: none"> <li>○ 4+ years <b>25 Marks.</b></li> <li>○ From 3+ to 4 years <b>20 Marks.</b></li> <li>○ From 2+ to 3 years <b>15 Marks.</b></li> <li>○ From 1+ to 2 years <b>10 Marks.</b></li> <li>○ One year <b>05 Marks</b></li> <li>○ Less than 1 year. <b>0 Marks.</b></li> </ul>
	<b>25</b>	3) Provide the detail profile of the following Personnel to be appointed for this project on a full time basis. <ul style="list-style-type: none"> <li>a) Project Manager <b>10 Marks</b> <ul style="list-style-type: none"> <li>○ Education: <b>03 Marks</b> <ul style="list-style-type: none"> <li>• MS 03 Marks</li> </ul> </li> </ul> </li> </ul>

		<ul style="list-style-type: none"> <li>• MBA/BS/MIT/M.Sc/BCS/MCS 02 Marks</li> <li>○ PMP Certified <b>03 Mark</b></li> <li>○ Project Management Experience <b>04 Marks</b> <ul style="list-style-type: none"> <li>• 5 + Yrs of Exp 04 Marks</li> <li>• 3+ to 5 Yrs of Exp 03 Marks</li> <li>• 2 to 3 Yrs of Exp 01 Marks</li> <li>• Less than 2 Yrs of Exp <b>0 Mark</b></li> </ul> </li> <li>b) System / Business Analyst <b>05 Marks</b> <ul style="list-style-type: none"> <li>○ Education: <b>02 Marks</b> <ul style="list-style-type: none"> <li>• MS 02 Marks</li> <li>• MBA/BS/MIT/M.Sc/BCS/MCS 01 Marks</li> </ul> </li> <li>○ System/Business Analysis Experience <b>3 Marks</b> <ul style="list-style-type: none"> <li>• 5 + Yrs of Exp 03 Marks</li> <li>• 3 + to 5 Yrs of Exp 02 Marks</li> <li>• 2 + to 3 Yrs of Exp 01 Marks</li> <li>• Less than 2 Yrs of Exp <b>0 Mark</b></li> </ul> </li> </ul> </li> <li>c) Database Administrator <b>05 Marks</b> <ul style="list-style-type: none"> <li>○ Education: <b>02 Marks</b> <ul style="list-style-type: none"> <li>• MS 02 Marks</li> <li>• MBA/BS/MIT/M.Sc/BCS/MCS 01 Marks</li> </ul> </li> <li>○ DBA Experience <b>03 Marks</b> <ul style="list-style-type: none"> <li>• 5 + Yrs of Exp 03 Marks</li> <li>• 3 + to 5 Yrs of Exp 02 Marks</li> <li>• 2 + to 3 Yrs of Exp 01 Marks</li> <li>• Less than 2 Yrs of Exp <b>0 Mark</b></li> </ul> </li> </ul> </li> <li>d) Quality Assurance Manager <b>05 Marks</b> <ul style="list-style-type: none"> <li>○ Education: <b>02 Marks</b> <ul style="list-style-type: none"> <li>• MS 02 Marks</li> <li>• MBA/BS/MIT/M.Sc/BCS/MCS 01 Marks</li> </ul> </li> <li>○ Quality Assurance Experience <b>03 Marks</b> <ul style="list-style-type: none"> <li>• 5 + Yrs of Exp 03 Marks</li> <li>• 3 + to 5 Yrs of Exp 02 Marks</li> <li>• 2 + to 3 Yrs of Exp 01 Marks</li> <li>• Less than 2 Yrs of Exp <b>0 Mark</b></li> </ul> </li> </ul> </li> </ul>
<b>Total</b>	<b>100</b>	

**Note:**

1. The Consultant must meet all the "Mandatory Requirements" in order to be pre-qualified.
2. The Consultant must obtain a minimum of 50% of the total 100 marks in the technical evaluation in order to be pre-qualified.

3. Consultant must provide the listing of their clients where the reference software application has been successfully deployed by the Consultant. Reference letter(s) from the client(s) should also be submitted with EOI.
4. Years of qualification of the personnel in the above mentioned evaluation criteria shall be considered as given below:

<b>S.No</b>	<b>Degree</b>	<b>Years</b>
1	MS (Computer Sciences or any Engineering field)	Minimum of 17 Years of Education
2	MBA / BS (Computer Sciences or any Engineering field) / MIT / M.Sc (Computer Sciences or any Engineering field)	Minimum of 16 Years of Education
3	BCS / MCS	Minimum of 15 Years of Education