PUNJAB SAFE CITIES AUTHORITY
PSCA Headquarters, Qurban Lines Lahore, Pakistan.

042-99 05 16 05-8   042-99203026
042-111-11-77-22   www.psca.gop.pk

THE FUTURE OF PUNJAB POLICE

SUBJECT: **HIRING OF CONSULTANCY SERVICES FOR THE APPLICATION DEVELOPMENT AND DATABASE DEVELOPMENT**

Punjab Safe Cities Authority (PSCA), established under Punjab Safe Cities Act 2016, ensures establishment, development and maintenance of an Integrated Command, Control, and Communication system for Police in major cities of the province for public safety. The Safe City is a concept for returning security and quality of life to today's complex cities through the use of technology, infrastructure, personnel and processes.

2.   PSCA intends to hire the services of Consultancy Firm for **Application Development and Database Development.** The consultancy firm will provide services for Application, Database, mobile application for Android and iOS and Game development. Consultancy firm will also ensure integration, development, updating and maintenance of databases and applications along with mobile application and game development. The Consultancy firm shall be hired on the basis of qualification and experience in accordance with Rule 46-A (Selection process of firm of consultants) of the Punjab Procurement Rules, 2014.

3.   Interested Consultancy Firms should provide information demonstrating that they have the required qualifications and relevant experience to perform the Services. The detailed Terms of Reference are attached as **Annex-A.** The shortlisting criteria is attached as **Annexure-*BI & BII*.** The Financial Bid Performa is attached at **Annex-C.**

4.   Technical & Financial Quotations along with all the supporting documents in sealed envelope must reach the office of Punjab Safe Cities Authority on or before 14-07-2023 till 0230 hours. Expression of Interests/Sealed Quotations (Technical proposal) will be opened on the same data at 1200 hours in the presence of bidders or their authorized representatives who may choose to attend with original CNIC.

5.   Financial Quotations of Technically Qualified firms (only) shall be opened on the Pre-announced date and time afterwards.

6.   For obtaining any further information or clarifications, please feel free to contact during office hours 0900 to 1600 (Monday to Friday) at procurement@psca.gop.pk, Tel: (+92) (42) (99051605-7).

LAW & PROCUREMENT
Punjab Safe Cities Authority

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Annex-A

TERMS OF REFERENCE
APPLICATION DEVELOPMENT AND DATABASE DEVELOPMENT CONSULTANT

1. BACKGROUND

The Punjab Safe Cities Authority (PSCA), established under Punjab Safe Cities Act 2016, ensures establishment, development and maintenance of an integrated Command, Control, and Communication system (PPIC3) for Police in major cities of the province for public safety. The Safe City is a concept for returning security and quality of life to today's complex cities through the use of technology, infrastructure, personnel and processes. In order to realize the vision of developing safe cities in the province, PPIC3 Centre has been developed for Punjab Police in the city of Lahore and other centers are being established in other larger cities of the province.

2. OBJECTIVE/PURPOSE OF THE ASSIGNMENT

PSCA intends to hire consultancy firm services for the aforementioned. The consultancy firm will provide services for Application, Database, mobile application for Android and iOS and Game development. Consultancy firm will also ensure integration, development, updating and maintenance of databases and applications along with mobile application and game development.

3. SCOPE OF SERVICE

The Consultant firm shall be required to provide the resources with the following skills.

3.1 APPLICATION DEVELOPMENT (02 Resources)

- Write high quality source code to program complete applications.
- Producing code using .NET languages (ASP.NET, C#, WPF, .NET Core, Angular, PHP, etc).
- Designs and develops need-based software applications.
- Understand client requirements and how they translate in application features.
- Design creative prototypes according to specifications.
- Develop and implement new software programs.
- Maintain and improve the performance of existing software.
- Conduct functional and non-functional testing.
- Troubleshoot and debug applications.
- Any other task assigned by Higher Management.

3.2 DATABASE DEVELOPMENT AND MANAGEMENT (02 Resources)

- Maintains, Upgrades, configure and debugging existing systems.
- Providing technical support for web applications and databases.
- Any other task assigned by the supervisor/management.

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- Documents testing, error resolutions, and overall software development process.
- Database Design, Development, management and integration.
- Creating program views, functions, triggers and stored procedures.
- Writing optimized SQL queries for integration with other applications.
- Designing database tables and dictionaries.
- Developing scripts, procedures and triggers for application development.
- Maintaining data quality and backups and overseeing database security.
-

4. TIME PERIOD

The duration of the engagement of the Consultant for the Assignment shall be for a period of three months from the effective date of Contract. If the Company chooses to cancel the contract during the course of the assignment, a notice period of 15 days shall apply.

5. REPORTING ARRANGEMENT

The consulting firm shall report to the MD/Chief Operating Officer, PSCA. The focal person for this assignment will be Chief Technology Officer, PSCA.

6. PAYMENT MECHANISM

Payment Mechanism shall be decided at the time of signing of Contract by the Competent Authority.

7. GENERAL CONDITION

- The assignment activities of the consulting firm will be supervised by the Chief Technology Officer, PSCA
- All documentation, reports shall be submitted in the English Language.
- All the data, documents and reports produced by the consulting firm for the said services shall be the property of PSCA. The consulting firm shall not share and use these data, document and reports for any other purpose / job without the explicit written approval of MD/Chief Operating Officer, PSCA.
- In case the consulting firm fails to fulfill the contractual obligations and violate the contract agreement, the contract agreement shall be terminated and consulting firm shall not be entitled to make any pending claims.

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EVALUATION CRITERIA

ANNEXURE-B-I

Sr. No	ELIGIBILITY CRITERIA (Mandatory Requirements)
1.	Existence as a Legal Entity (Legal Status of the bidder (s) i. (Incorporation Certificate (*showing its location and the date of registration*), OR ii) Partnership Deed or Form C/D (whichever is applicable) Affidavit OR iii. an undertaking on Rs. 100 non-judicial stamp paper in case of Sole Proprietorship)
2.	An Operational History of at least 03 Years - Supporting Evidence
3.	Undertaking for Non-involvement in any litigation or black listed by any public/Pvt./national or international agency
4.	Registration with Tax Authorities ▪ NTN ▪ STRN/PST/GST

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ANNEXURE-B-II

EVALUATION CRITERIA
(Merit Point System)

Sr. No	Criteria	Max. Marks	Min. Passing Marks	Description
1.	Experience of related Assignments/ Engagements with Federal / Provincial Government / Semi Government / Autonomous Bodies or Section 42 Companies (Proof of Experience (Assignments/ Engagements) must be attached)	20	10	05 Marks will be awarded for each Complied Experience on pro-rata Basis. The maximum marks shall not exceed 20 Marks for this criteria.
2.	Experience of related assignments for Private Sector Clients (Proof of Experience (Assignments/ Engagements) must be attached)	10	3.334	3.334 Marks will be awarded for each Complied Experience on pro-rata Basis. The maximum marks shall not exceed 10 Marks for this criteria.
3.	Personnel's Profile 1. Application Development **(02 Resources)** 2. Database Development and Management **(02 Resources)**	20	20 (05 marks for each resource)	▪ Minimum Four (04) Years BS degree in Computer Sciences / Software Engineering / Information Technology, MCS, MSc IT or sixteen-years of IT education in the relevant field from HEC recognized university. ▪ Minimum 04 years of relevant experience in Big Data Application Development and Database Management

	Total Score	50	33.334
			Minimum Passing Score required in order to Technically Qualify for the Assignment

Financial Proposals of only Technically Qualified Firm will be evaluated.

FINANCIAL BID PERFORMA

Sr. No.	Description of Services	Amount in PKR *Inclusive of all Taxes*
1.	**Consultancy Services**	

Financial Evaluation

1.   Lowest Evaluated bid price shall be considered