

## EXPRESSION OF INTEREST

### HIRING OF INDIVIDUAL SHORT TERM CONSULTANT

Punjab Safe Cities Authority (PSCA) invites applications from qualified and experienced professionals as individual consultant for the following area on short-term consultancy basis:

Sr. No.	Name of Individual Consultancy	Qualification	Experience
01	Expert- Research and Development (R&D)	Minimum of sixteen years of education in Computer Science/Computer Engineering/Electronics Engineering with a focus on system analysis, database design or software development from a local or international HEC recognized university	10 Years' Experience of working in an organization of similar size and significant importance in database development and programming, in public or private sector. Must have knowledge and experience of development, using tools like ArcGIS, QGIS, ArcSDE and Spatial Databases.

Interested individuals may submit their application along with the copy of CV, educational documents, experience certificates, CNIC and passport size photograph latest by 18-07-2022 till 12:00 hours, through email, courier or by hand. Only shortlisted candidates will be called for an interview. The Remuneration will be offered on the basis of qualification and experience. The said Consultant will be selected in accordance with the provisions of Punjab Procurement Rules 2014 for short term consultancy. The detailed ToRs are attached as Annexure. No TADA may be claimed by the applicants.

For submission of applications or obtaining any information, please feel free to contact at [cons.services@pscagop.pk](mailto:cons.services@pscagop.pk) Contact: (+92) (42) (99051605-7) Website: [www.pscagop.pk](http://www.pscagop.pk)

***Mention the Name of the Consultancy in subject line/on outer Envelope. The CV/application will not be considered otherwise.***

**CHIEF LAW & PROCUREMENT OFFICER,  
PUNJAB SAFE CITIES AUTHORITY,  
PPIC3 Center, Qurban Police Lines,  
Lahore**

**Annex-A**

**TERMS OF REFERENCE  
INDIVIDUAL CONSULTANT  
“Research and Development (R&D)”**

**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**

The selected Individual Consultant will provide services pertaining to exploratory data analysis. The consultant will have to work with stakeholders throughout the organization in order to identify opportunities and to drive business solutions, thereby bring optimization and improvement in police operational strategies.

**3. SCOPE OF SERVICE**

- Work with the external technical consultants to develop the requirements for the software applications for PPIC3.
- Provide administration support for the PPIC3 software applications.
- Programming required applications for supporting PPIC3 system.
- Provide software new version updates.
- Ensure all PPIC3 applications to run simultaneously without interfering to each other.
- Must demonstrate ability to maintain confidentiality of sensitive data.
- GIS Application Design, Development and Implementation.
- Web GIS development using ArcGIS API for JavaScript, ArcGIS Server, and Map Guide.

- Database Design, Development, management and integration.
- Any other task assigned by the Supervisor.

#### **4. PROFILE OF CONSULTANT**

The Consultant will be assigned from the list of shortlisted consultants fulfilling the minimum qualifications and experience requirements. Minimum of sixteen years of education in Computer Science/Computer Engineering/Electronics Engineering with a focus on system analysis, database design or software development from a local or international HEC recognized university. 10 Years' Experience of working in an organization of similar size and significant importance in database development and programming, in public or private sector. Must have knowledge and experience of development, using tools like ArcGIS, QGIS, ArcSDE and Spatial Databases.

#### **5. EXPECTED DELIVERABLES**

A monthly progress report on Consultants work would be prepared and submitted, including tasks listed under "Scope of Services", above.

#### **6. TIME PERIOD**

The Consultant will be engaged for a period as decided by Competent Authority

#### **7. PAYMENT TO THE CONSULTANT**

The payment to the Consultants will be made on a monthly basis upon submission of claim based on the services/ deliverables by the end of each month.