

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-Geographic Information System (GIS)"	Minimum of sixteen years of education and Masters Degree in GIS or relevant from a local or international HEC recognized university	10 Years' Experience of working in an organization of similar size and significant importance in GIS, 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 13-01-2022 till 14:00 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@psca.gop.pk Contact: (+92) (42) (99051605-7) Website: www.pzca.gop.pk

Mention the Name of the Consultancy in subject line/on outer Envelope.

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

TERMS OF REFERENCE
INDIVIDUAL CONSULTANT
“GEOGRAPHIC INFORMATION SYSTEM (GIS)”

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 integrate GIS System with other utilities/application in order to develop and implement GIS Application Design and Database Design management in PSCA. Moreover, GIS Expert will ensure integration Deployment, updating and maintenance of maps services and Charts.

3. SCOPE OF SERVICE

- GIS Application Design, Development and Implementation.
- Web GIS development using ArcGIS API for JavaScript, ArcGIS Server, and Map Guide.
- Web Development using AJAX, HTML, PHP and JQuery HTML5.
- Application development in ESRI desktop environment.
- Arc SDE and other spatial database development and maintenance.
- Database Design, Development, management and integration.
- Maintained GIS layers sources.

- Deployment, updating and maintenance of maps services. Charts and corrected maps in various stages and production environment.
- Integration of GIS with other utilities/ application.
- Provide assistance and training to GIS users.

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 and Master Degree in GIS or relevant from a local or international HEC recognized university. 10 Years' Experience of working in an organization of similar size and significant importance in GIS, 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.