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

042-99 05 16 05-8   042-99203026
0800-11-77-22   www.psca.gop.pk

THE FUTURE OF PUNJAB POLICE

EXPRESSION OF INTEREST

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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	Individual Consultant-Research & Innovation	Four (04) Years Bachelor's Degree in Computer Sciences/ Big Data/ Data Science or similar discipline from a local or international HEC recognized university	03 years' experience in Machine learning & Big data in a public or private organization of significant size and importance. The incumbent must have sound experience of data analysis and driving business solutions from the analytics. The experience of large scale business projects/ organizations will be an added advantage and preferred over others.

Interested individuals may submit their application along with the copy of CV, educational documents, experience certificate, CNIC and passport size photograph latest by 05-03-2022 till 11:00 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.

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.psca.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

"INDIVIDUAL CONSULTANT (RESEARCH & INNOVATION)"

1. BACKGROUND

The Punjab Safe Cities Authority (PSCA), established under Punjab Safe Cities Act 2016 to organize, develop and maintain an Integrated Command Control and Communications (PPIC3) system for Punjab Police. The concept of Safe city project is to provide the maximum security to the citizen and strive to offer them the quality of life living in today's complex and congestion metropolis while using the advanced technology, latest infrastructure skilled personnel and quick processes. PPIC3 Centre has been developed and successfully administrated under the PSCA which is being expending in other large cities of the Punjab to provide the foolproof security to the citizens.

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

The consultant shall be responsible to deliver the following scope of work:

I. Exploratory data analysis to navigate a dataset and come out with some broad conclusions

II. Work with stakeholders throughout the organization to identify opportunities for leveraging Organization data to drive business solutions. Responsible for additional work Web Development (HTML5, CSS3, PHP).

III. Mine and analyze data from Organization databases to drive optimization and improvement of police operational strategies.

IV. Assess the effectiveness and accuracy of new data sources and data gathering techniques.

V. Develop big data models and algorithms to apply to data sets.

VI. Develop organization testing framework and test model quality.

VII. Coordinate with different functional teams to implement models and monitor outcomes.

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4. PROFILE OF CONSULTANT

The Consultant will be assigned from the list of shortlisted consultants fulfilling the minimum educational qualifications and experience requirements A Four (04) Years Bachelor's Degree in Computer Sciences/ Big Data/ Data Science or similar discipline from a local or international HEC recognized university. 03 years' experience in Machine learning & Big data in a public or private organization of significant size and importance. The incumbent must have sound experience of data analysis and driving business solutions from the analytics. The experience of large scale business projects/ organizations will be an added advantage and preferred over others.

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