



## STRENGTHENING COMMUNITY POLICING IN ALBANIA

### Call for Expression of Interest

Call for 1 (one) Database Expert to create the database scheme of the software for the management of speed radars and the module for the supervisor for the Albanian State Police.

Type of Contract	-	Short term consultancy
Languages Required	-	English and Albanian
Location		Tirana
Duration	-	80 w/days
Commencement Date	-	mid January 2022

#### 1. Background

The SCPA Program recently donated 6 speed radars for the Albanian State Police, together with 110 tablets and printers to be used by the Traffic Police Patrols.

The radars provided by SCPA are predominantly intended for automatic use.

In automatic mode the radars support the Traffic Police to detect violation of road traffic rules and register all the cars in video and photo mode. Additionally, there is the need to build a software to process electronically the information and generate the fines if not fully automatic, at least in half automatic mode.

#### 2. Objective of the call for tender

The objective of this call for tender is to identify 1 (one) database expert to create the database scheme of the software for the management of speed radars and the module for the supervisor for the Albanian State Police.

### **3. Specifically, the tasks of the Database Expert are:**

- Design queries that prevent SQL injection attack. SQL injection is one of the most commonly used hacking techniques.
- Build a Rational Database which include schemas, tables, views procedures etc., which should be configured for maximal performance and data integrity, meaning that components should have primary keys, external keys and necessary constraints
- Create search indexes that improve the speed of data retrieval operations on a database table
- Normalize the database to reduce data redundancy and eliminates undesirable characteristics like Insertion, Update and Deletion Anomalies
- Should participate in “Training of trainers” and monitor the “pilot” phase

### **4. Duration**

The start date is foreseen mid -January 2022 and the duration of the task is 80 w/days.

### **5. Skills and Competencies**

The candidates should demonstrate the ability to successfully carry out the tasks foreseen for the overall study.

#### Qualifications

- At least 5 years of experience in the field of IT
- Has participated in the design and implementation of large systems
- Has been involved in JAVA / ORACLE projects over the last two years

#### Essential competencies

- Good communication and interpersonal skills.
- Good references for previous similar work
- Ability to work in a group
- Experience of working with police, law enforcement actors, local government actors and civil society, is an advantage

### **6. Deadline for receipt of applications: - 30<sup>th</sup> of December 2021, hrs 16:30 PM.**

The candidates shall submit a Cover Letter and an updated CV in English language.

The application shall be submitted electronically to [info@cp-project.al](mailto:info@cp-project.al)

Only shortlisted candidates will be contacted.