



STRENGTHENING COMMUNITY POLICING IN ALBANIA

Call for Expression of Interest

Call for 1 (one) Developer Options Expert to build the infrastructure 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	-	65 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) Development Options Expert to build the infrastructure 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 two Developer Expert are:

- Apply the rules in the system architecture of the Albanian State Police Datacenter which is configured to use replication for each database
- Configure automatic backups of the database to prevent data lost or to check the information in a specific time, as well as disaster recovery to restore the database in the event of a fire, earthquake, vandalism, or other catastrophic events
- Install Linux based Operating systems in the host machines
- Install the application server and configure it for production Environment, create and configure as many virtual hosts as needed for the system
- Install the SSL certificate, which will be provided by ASP IT Team, in the application server
- Create a Docker Hub in which the application docker images will be pushed and install Kubernetes to manage Docker Containers
- Configure at least One Master Node and Two Working nodes of the Kubernetes Cluster in order to offer zero downtime of the system
- Install a GIT repository for managing and storing source code branches and versions
- Install Jenkins in developer computer and the system hosts to ensure data communication, delivery and deployments, and configure Jenkins CI/CD Pipeline for automatization of the processes like Git Commit, Push Image, Testing Unit, deployments etc.

4. Duration

The start date is foreseen mid -January 2022 and the duration of the task is 65 w/days.

5. Skills and Competencies

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

Qualifications

- Has at least 3 years of experience in High Availability Systems, Server and Security management
- Has participated in the design and implementation of large systems at ORACLE
- Good knowledge on Linux, Containerization, High Availability Systems, CI/CD Pipelines, Ability to work in a group

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: - 30th 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

Only shortlisted candidates will be contacted.