



**PUBLICATION OF VACANT POSITION (Project-Based)**

<b>POSITION</b>	:	Project Technical Specialist I (Road Traffic Networks Engineer)
<b>SALARY GRADE</b>	:	SG 16
<b>NO. OF POSITIONS AVAILABLE</b>	:	1
<b>DIVISION</b>	:	Research and Development Division
Education	:	Bachelor's/College Degree of any ICT or AI related course (BS ECE, EE, CoE/CpE, IT, CS, Applied Math)
Experience	:	At least 1 year of relevant experience
Training	:	At least four (4) hours of relevant training
Eligibility	:	None required
Other Requirements	:	<ul style="list-style-type: none"><li>• Proficient in setting up wired or wireless secure networks for traffic/road/transport purposes</li><li>• Proficient with wired and wireless communication technologies and tools for planning, implementing, and maintaining such</li><li>• Deep knowledge of cyber security techniques and tools to be applied on traffic infrastructure networks, such as encryption techniques</li><li>• Proficient in maintaining such networks, able to troubleshoot and place countermeasures in case of unauthorized access</li><li>• Team player, a lifelong learner, and shows great initiative</li><li>• Problem solving mindset and can work under minimal supervision</li><li>• Can do other tasks (writing research papers, technical documentation, technical specifications for procurement)</li><li>• Heavy advantage for experience in traffic signaling systems, outdoor cameras, and/or intelligent transport systems (ITS)</li></ul>

**RESPONSIBILITIES:**

- Identify and propose a secure network plan for AI-enabled traffic cameras and other pre-existing deployed of the same
- Identify and propose cybersecurity and encryption techniques to be applied on the devices and software connected to the network
- Implement countermeasures for unauthorized access to the network, whether via hardware or software
- Implement a secure network to connect traffic infrastructure to traffic monitoring agencies and other concerned agencies
- Propose wireless technologies to utilize as redundancy measures and ensure integrity of communication links
- Largely contribute to the writing of technical documentation and technical papers for publishing
- Be available to do other relevant tasks as the Project Leader or Team Leader may deem necessary

**APPLICATION:**

Interested applicants should submit a **letter of intent** addressed to **Ramon Vann Cleff B. Raro, Senior Science Research Specialist**, [ramonvanncleff.raro@asti.dost.gov.ph](mailto:ramonvanncleff.raro@asti.dost.gov.ph) , cc: [hr@asti.dost.gov.ph](mailto:hr@asti.dost.gov.ph), along with the following:

1. Updated CV;
2. Updated Personal Data Sheet;
3. Diploma and TOR; and
4. Training certificates.

**APPLICATION DEADLINE:** June 23, 2025, 11:59 PM (UTC+8:00)