PUBLICATION OF VACANT POSITION
(Project-Based)

POSITION	:	Project Technical Specialist III (SCADA system developer)
SALARY GRADE	:	SG 18
NO. OF POSITIONS AVAILABLE	:	1
LOCATION	:	Computer Software Division
JOB QUALIFICATION	:	
Education	:	Bachelor's/College Degree of Electrical, Electronics, or Computer Engineering, or other relevant field,
Experience	:	2 years relevant work experience
Training	:	8 hours relevant training
Eligibility	:	None Required
Other Requirements	:	• Experience in open/industrial protocols such as Modbus, DNP3, MQTT, or OPC UA • Strong lab-testing practice for performance, reliability, and fault/incident response; test documentation habit • Skill in translating user requirements and field constraints into detailed technical specs • Excellent technical documentation: design diagrams, validation reports, integration guides, user manuals • Strong analytical, troubleshooting, and network/OT fundamentals Organized, proactive, team-oriented; able to coordinate milestones and technical reviews • [plus factor] Proficiency setting up and integrating RTUs/PLCs, I/O modules, sensors, gateways, and SCADA platforms • [plus factor] At least 8 hours recent training in SCADA/industrial communications/ICS security/QA-CM • [optional] Experience supervising vendors/outsourced teams and enforcing standards, QA, and configuration management • [optional] a PRC board exam passer of REE • Good writing and communication skills in English; • Willing to travel and conduct on-site assessments with partner electric cooperatives and other stakeholders • Willing to learn with less supervision • Can start promptly and report to work on time • Willing to work onsite or report to Quezon City as required.

RESPONSIBILITIES:
Under the supervision of the Project Leader, HE/SHE shall perform the following:

- Assist the project leader in the technical implementation and integration of the SCADA system (software and hardware).
- Support the oversight of outsourced SCADA development activities under the direction of the project leader, ensuring adherence to project requirements, standards, and communication protocols (e.g., Modbus, DNP3, MQTT, OPC UA).
- Assist the project leader in reviewing system architecture, data communication frameworks, and interoperability solution.
- Support setup, configuration, and integration of SCADA-ready devices (RTUs, I/O modules, sensors, gateways) with the software platform, in coordination with the project leader and technical team.
- Participate in laboratory-scale testing to help validate system performance, communication reliability, and fault response.
- Ensure proper version control, configuration management, and quality assurance throughout development.
- Assess the technical and operational needs of partner electric cooperatives (e.g., DIELCO, ROMELCO).
- Translate user requirements and field conditions into actionable system specifications.
- Evaluate infrastructure, communication links, and compatibility for future deployment phases.
- Serve as the primary technical liaison between DOST-ASTI, UP Diliman, NEA, AIEC, regional DOST offices, and third-party SCADA providers.
- Coordinate progress reviews, integration milestones, and technical evaluations with all stakeholders.
- Support the Project Leader in technical reporting and presentation of findings.
- Prepare and maintain detailed technical documentation, design diagrams, validation reports, and integration guides.
- Contribute to IP filings, research paper publications, and technical manuals developed under the project.
- Ensure all project documentation meets DOST-ASTI standards for reproducibility and transparency.
- Assist in designing and conducting training sessions for cooperative engineers and students on SCADA system operation, diagnostics, and maintenance.
- Support the preparation of user manuals, training materials, and learning modules.
- Proactively collaborate with other team members in delivering the system requirements
- Report to work on time

APPLICATION:

1. Accomplish the Application Form through this link: https://forms.office.com/r/E5kE58qW8j

   Interested applicants should submit a letter of intent addressed to Ms. JOANNA G. SYJUCO, Computer Software Division, Division Chief. Applicants must submit their letter at eduardojr.piedad@asti.dost.gov.ph and vanesa@asti.dost.gov.ph cc: careers@asti.dost.gov.ph along with the following:

   1. Updated Personal Data Sheet and Work Experience Sheet;
   2. Updated Curriculum Vitae;
   3. Diploma and TOR;
   4. Certificate/s of employment (if any); and
   5. Training certificate/s (if any).

APPLICATION DEADLINE: 15 November 2025

IMPORTANT NOTES:

- Only applications with complete requirements including an accomplished **Application Form (link cited above)** shall be processed.

- Application documents should be in Portable Document Format *(.pdf)* with proper file name.
- Applicants who are interested in applying to various vacancies must submit separate applications for each vacant position.
- Due to the volume of applications received by this Agency, we will be inviting only those who are shortlisted to proceed with the recruitment process.

As an advocate of the Equal Employment Opportunity Principle (EEOP), the DOST-Advanced Science and Technology Institute encourages and welcomes all applicants regardless of age, religion, or political affiliation including persons with a disability, members of indigenous communities, and those from any sexual orientation and gender identities.

DOST-ASTI Privacy Notice: All personal information contained in any document received or transmitted herein shall be used solely for documentation and processing purposes within the DOST-ASTI and shall not be shared with any outside parties, unless with your written consent. We are committed to protect personal data in accordance with R.A. 1073 (Data Privacy Act of 2012). All personal information shall be retained and stored by the DOST-ASTI within a time period in accordance with the National Archives of the Philippines' General Disposition Schedule.

----------***Nothing Follows*****----------**