



PUBLICATION OF VACANT POSITION
(Project-Based)

- POSITION** : Project Technical Specialist III (SCADA system developer)
- SALARY GRADE** : 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
 - Strong analytical, troubleshooting, and network/OT fundamentals
 - Organized, proactive, team-oriented; able to coordinate milestones and technical reviews
 - At least 8 hours recent training in SCADA/industrial communications/ICS security/QA-CM
 - [plus factor] Proficiency setting up and integrating RTUs/PLCs, I/O modules, sensors, gateways, and SCADA platforms
 - [plus factor] Experience in setting up communication networks or in Linux administration
 - [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 general supervision and direction, 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.
- Coordinate progress reviews, integration milestones, and technical evaluations with all stakeholders.
- Contribute to the research and development deliverables of the project.
- 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

APPLICATION:

1. Accomplish the Application Form through this link: [DOST-ASTI Application Form GRIDPATCH – Fill out form](#)

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 and gridpatch@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 March 2026

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 (EEO), 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.

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