



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

<b>POSITION</b>	:	Project Technical Assistant VI (Electronics/Computer Engineer)
<b>SALARY GRADE</b>	:	15
<b>NO. OF POSITIONS AVAILABLE</b>	:	1
<b>LOCATION</b>	:	Computer Software Division
<b>JOB QUALIFICATION</b>	:	N/A
Education	:	Bachelor's/College Degree of any IT related course such as Computer Science, Information Technology, Computer Engineering, etc.
Experience	:	At least one (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>• Understanding of the generic Software Development Lifecycle stages and the processes under each stage and Object-Oriented Programming.</li> <li>• Familiarity with sensors, microprocessor and microcomputer programming (e.g. Arduino, Raspberry Pi, FPGA)</li> <li>• Familiarity with electronic embedded systems design and development.</li> <li>• Applied knowledge about data management systems such as PostgreSQL or MySQL</li> <li>• Familiarity with Internet-of-Things (IoT) concepts</li> <li>• Familiarity with MQTT or any IoT communication protocols</li> <li>• Familiarity with open-source IoT platforms (e.g. node-red)</li> <li>• Solid experience in using Linux operating system</li> <li>• Proficient in scripting using bash/perl/python</li> <li>• Knowledgeable of networking and security is preferred.</li> <li>• Must be able to work well with a team, communicates well with the group, adaptable to circumstances, self motivated, teachable and fast learner</li> <li>• Can work with minimal supervision</li> <li>• Must be willing to work in Quezon City</li> </ul>

**RESPONSIBILITIES:**

Under general supervision and direction, HE/SHE shall perform the following:

- Lead the design and development initiatives in the hardware component of the system under development;
- Identify hardware prototype components, tools, and supplies and materials to procure for the development of the hardware component of the system;



- Prepare documents necessary for the procurement of identified items and the fabrication of the chassis, in coordination with the supervising officer;
- Assembly and integration of the procured fabricated chassis with the electronics component of the hardware appliance;
- Represent the project during technical transfer activities such as conferences, symposia, and stakeholders meetings;
- Implement the appliance modules as designed by the system architect and in accordance with the latest version of the system requirements;
- Coordinate with the supervising officer for the details of the implementation of each of the appliance's modules;
- Coordinate with the requirements engineer for clarifications about the system requirements;
- Submit daily status reports as required by the supervising officer;
- Deployment of developed appliance units into target partner beneficiaries for field-testing;
- Participate in events and other activities (e.g., exhibits, meetings, and seminars) needed for the project;
- Provide assistance and support in the conduct of research and development activities, including but not limited to exploring new systems, enhancing existing processes, and contributing to the implementation and documentation of R&D outputs (if applicable);
- Perform other tasks as may be assigned from time to time; and,
- Report to work on time.

#### **APPLICATION:**

1. Accomplish the Application Form through this link: [DOST-ASTI Application Form \(Gul.Ai 2 Project\) – Fill out form](#)
2. 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 [Gul.ai\\_PMT@asti.dost.gov.ph](mailto:Gul.ai_PMT@asti.dost.gov.ph), cc: [careers@asti.dost.gov.ph](mailto:careers@asti.dost.gov.ph) along with the following with subject line: *DOST-ASTI: Job Application – Project Technical Assistant IV – Last Name, First Name, Middle Initial*:
  - Updated Personal Data Sheet;
  - Diploma and TOR;
  - Certificate/s of employment; and
  - Training certificate/s.

#### **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.