



Republic of the Philippines
Office of the President
Philippine Space Agency



Chief Science Research Specialist

Salary Grade: 24

Item Number: PHILSAB-CSRS-20-2020

Division: Spacecraft Payload and Communications Systems Development Division

Minimum Qualification Standards:

Education: Master's Degree or Certificate in Leadership and Management from the CSC

Experience: 4 years of supervisory/management experience

Training: 40 hours of supervisory/management training/learning and development intervention

Eligibility: Career Service (Professional) / Second Level Eligibility

Duties and Responsibilities:

- 1) Under direction, serve as the Division Chief for the Spacecraft Payload and Communications Systems Development and lead the formulation of plans and targets of the Division in accordance to the programs and functions of the Bureau;
- 2) Manage and monitor the implementation of the programs and activities of the Division;
- 3) Review and assess the strategies of the Division to reflect the Agency's objectives and priorities;
- 4) Implement mechanisms to evaluate and improve on the quality of work done within the Division;
- 5) Lead the technology mission planning and assessment activities in coordination with all other Divisions under the Bureau and in consultation with stakeholders;
- 6) Manage and administer the finances of the Division;
- 7) Collaborate with stakeholders, especially the industries, in localizing and commercializing technologies in coordination with respective offices under the Space Industry and Strategic Business Development Bureau;
- 8) Report to the Bureau Director all the accomplishments and progress of the Division;
- 9) Provide management support to the Bureau Director for matters concerning spacecrafts and space systems and its contribution to attainment of the Agency's six key development areas;
- 10) Contribute in laying down policies and programs for space research and development (R&D) and its practical applications; and
- 11) Perform other duties of a regular or special nature as may be assigned from time to time.

Applicants who have all or any of the following background are encouraged to apply:

Educational Background:

- Doctoral/Master's degree in Engineering or Sciences such as in Physics, Aerospace Engineering, Electronics Engineering, Electrical Engineering, Communications Engineering, Mechanical Engineering, Systems Engineering or other allied fields.

Experience and Training Background:

- Satellite development project - as project manager, system engineer, communications engineer, payload engineer or other relevant technical roles
- Designing, developing, testing and integrating communications systems/subsystems or payloads (e.g., optical, multispectral, hyperspectral, radiometry, radar, communications, etc.)
- Digital electronics / communication systems, front-end electronics and/or electro-optical engineering

Competencies:

- Any programming language (C, C++, C#, Python, Matlab, etc.)
- ECAD Design and Layout software
- RF/microwave circuit design & analysis software
- Electromagnetic design & analysis software
- FPGA
- Mechanical computer-aided design (CAD) & analysis software e.g., as used for opto-mechanical design



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