



**MINISTRY OF POWER & RENEWABLE ENERGY**

**SRI LANKA ATOMIC ENERGY BOARD**



**ASSIGNMENT OF SKILLED GRADUATE FOR CRP PROJECT**

The Radiation Protection & Technical Services Division (RPTSD) of the Sri Lanka Atomic Energy Board (SLAEB) seeks a suitable candidate for the position of skilled Graduate to undertake the Coordinated Research Project (CRP) J02014 activities. The project expects to develop a Personal Radiation Detector (PRD) with a networked central alarm station. The ideal candidate should be,

1. A graduate of a Physical Science, Electronics, or IT-related degree from a reputed university. Preferably a 04-year degree with honors or a general degree + Postgraduate diploma in a relevant field.
2. Completed at least 03-month undergraduate training at Radiation Protection and Technical Services Division of Sri Lanka Atomic Energy Board.
3. Good hands-on experience and skills in electronic design, project management, and CAD design are expected.
4. A good command of written English is a must.
5. A good understanding of radiation, radiation detection technologies, and radiation detectors is also important.
6. Prior experience in radiation detection work is an added advantage.
7. The selected candidate will be paid a fixed stipend of **Rs. 3,547.50** per day. (20 working days per month)

If you are interested in the above opportunity, kindly send an application request with complete CV & copies of educational certificates to [recruitment2023@ae.gov.lk](mailto:recruitment2023@ae.gov.lk) on or before 25<sup>th</sup> March 2024.

Please refer the attached Information Sheet on Service Assignment – CRP J02014 for more details.

**Director General,**  
**Sri Lanka Atomic Energy Board**  
**60/460, Baseline Road, Orugodawatta, Wellampitiya .**  
Tel: 0112-533427-8

## **Information Sheet on Service Assignment – CRP J02014**

### **1. The Project CRP J02014**

The CRP J02014 (Development of Personal Radiation Detectors with Networked Operation and Alarm Section Integration) is a coordinated research work conducted by the Sri Lanka Atomic Energy Board with the International Atomic Energy Agency (IAEA). The project is funded by the IAEA and expects to develop a network-integrated Personal Radiation Detector (PRD) with a Central Alarm Station.

### **2. Nature of the Assignment**

The assignment is for 06 months from the date of the agreement. The duties of the assignment are directly related to the CRP J02014. The assignment is terminated at the end of 06 months unless renewed as required by the project (with the approval of the Board).

### **3. Duties of the Assignment**

- Designing circuit modules, circuit boards, and casings.
- Monitor the processes of assembling, soldering, and visual inspection of prototype circuit boards.
- Coordinate with project counterparts on integrating different project components.
- Testing modules, circuit portions, and printed circuit boards of the prototypes.
- Operating, and handling the assembly instruments used for project activities.
- Guide the technical staff of the laboratory to make necessary CAD designs and implement them using the appropriate manufacturing techniques.
- Overview of CAD designs and CAM processes for hardware designs.
- Organizing, and conducting field activities relevant to the CRP.
- Sorting, labeling, and documenting the electronic components required for the project.
- Submit a quarterly report on the progress of the CRP project and compose the annual progress report.
- Submit a monthly progress report to the Director/RPTSD through the Chief Scientific Investigator (CSI), describing the performed activities.

### **4. Terms and Conditions of the Assignment**

- The assignment is for 06 months. The assignment is terminated at the end of 06 months unless renewed as required by the project (with the approval of the Board).
- Minimum working hours per day is 8 hours. If the assignee fails to complete 8 hours, an hourly rate will be paid for the respective working time of that day. The daily stipend of the assignment is Rs. **3,547.50**
- The monthly stipend will be paid at the end of each working month, based on the number of days he has reported to work and on the approval of the Director/RPTSD.
- Submission of the monthly progress is mandatory before the end of the working month.
- The assignee is not entitled to either ETF/EPF or other allowances and benefits including paid leaves.
- The assignee has to obtain prior approval from the Director/RPTSD for participating in field work.