



## **GTCR\_21\_23 OPERATIONS ENGINEER (Level I-II). Sustainability area**

**Publication date:** September 15<sup>th</sup> 2023

**Closing date:** October 13<sup>th</sup> 2023

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The public company Gran Telescopio de Canarias, S.A. (GRANTECAN) opens a selection process to recruit, in an open call for its Engineering Operations Group, a position of Operations Engineer (Level I-II), for the implementation of the GRANTECAN Sustainability Plan 2021-2030.

GRANTECAN is looking for talented individuals with exceptional skills to operate, maintain, and improve the Gran Telescopio Canarias (GTC) for the execution of high-quality scientific projects in the field of Astrophysics. Therefore, they require individuals who are honest, responsible, transparent, respectful, and seek continuous improvement in their work. They should prioritize the safety of people, the integrity of the facility, efficiency, and innovation in their actions. Additionally, they should prioritize the responsible, sustainable use of resources with a primary focus on environmental care.

### **Functions**

The selected person will hierarchically report to the Head of Engineering Operations. **The main function and activity assigned to the selected person fall within the following scientific and technical service: the implementation of the Sustainability Plan that GRANTECAN has developed for the period 2021-2030.** Activities will therefore focus on the planning and implementation of the actions of the Sustainability Plan. That includes:

- Plan and implement the actions identified in the Sustainability Plan.
- Site assessment and environmental technical audit. Coordinate subcontracting if appropriate.
- Elaboration of procedures for the reduction of GTC's environmental impact.
- Carrying out purchasing and service proposals related to the Sustainability Plan.
- Implementation of procedures for sustainable public procurement.
- Advice/participation on sustainability aspects in GRANTECAN's contracting committees.
- Improvement of GRANTECAN's waste management system.
- Carrying out reviews and modifications to documents and solutions relating to the routine operation and technical developments of the infrastructure, telescope and its scientific instrumentation, where appropriate applying environmental sustainability actions.
- Actively contribute to creating a culture of sustainability at GRANTECAN, carrying out internal training and proposing external training.

### **Section A (Minimum required qualification)**

- [QF-EHEA](#) first cycle university degree in Environmental Science, Environmental Management, Environmental Engineering, or Engineering or Physics with specialisation in environmental management.
- Driving licence for vehicles (level B or higher).

### **Section B (Essential experience, knowledge, and specific competencies)**

- Fluent spoken and written Spanish with the ability to perform the required job activities.
- Fluent spoken and written English with the ability to perform the required job activities.
- Knowledge and experience in the preparation or implementation of Sustainability Plans.
- Knowledge and experience in calculating the environmental impact of business activity (carbon footprint, etc.).
- Knowledge and experience in sustainable purchasing systems, based on Law 9/2017.
- Knowledge of recent legislation on waste management in the business environment.
- Experience in applying for public funds for environmental improvements.
- Experience in training and dissemination on sustainability issues.

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## **Section C (Experience and/or knowledge in complementary specific competencies)**

- Second cycle university degree [QF-EHEA](#) ( EQF 7).
- Knowledge of scientific facilities, specifically in the astrophysical field, with regard to their environmental impact.
- Knowledge and experience with industrial IoT systems for monitoring, such as "IoT Smart Cities" type sensors, specifically for monitoring industrial emissions.
- Experience in the monitoring and/or conservation of flora/fauna on Canary summits, specifically in the area close to the astronomical observatories of the Canary Islands.
- Advanced data analysis.
- Leadership, organisational skills with emphasis on adapting to change, transparency, self-organisation and collaboration with the rest of the team.

### **Merits to value:**

- Section A: Applicants who do not meet these requirements will be discarded and not evaluated.
- Section B: Maximum score: 60 points. Applicants with a score lower than 30 points will be discarded.
- Section C: Maximum score: 40 points.

Evaluation will be based on the documentation provided by the interested person and a personal interview.

GRANTECAN is fully committed to equal opportunities and non-discriminatory recruitment. In equal conditions of merit and capability, the incorporation of personnel from the underrepresented gender in the professional group to which the position belongs will be favoured.

### **Contractual information**

The selected person will sign an indefinite full-time employment contract with GRANTECAN, subject to a six-month probationary period. The duration of this contract will be indefinite, commencing on the contract start date, with validity linked to the scientific and technical service specified in the "Functions" section. From a technical perspective, it is estimated that the implementation of these scientific and technical services will be completed around 2028-2029. All of this is in accordance with Article 23 bis of Law 14/2011, of June 1, on Science, Technology, and Innovation.

The work centre will be GRANTECAN's operations base in Breña Baja (La Palma), with frequent work stays at the Roque de Los Muchachos Observatory (GTC) at 2400 m altitude. Occasional work may be required at the Tenerife site in San Cristobal de La Laguna.

The gross salary will correspond to either Level I (€36,139.62) or Level II (€40,508.36), depending on the qualifications and experience of the selected person. Additional compensation will be provided for work carried out at the Roque de los Muchachos Observatory in La Palma.

### **Non-EU Citizens:**

Individuals who are not citizens of a country belonging to the European Union are invited to apply for this position. However, if selected, they will only be able to sign the contract with GRANTECAN once they have obtained the mandatory documentation to reside and work in Spain.

### **Application Submission**

Interested individuals must send their applications to the email address [r.personal@gtc.iac.es](mailto:r.personal@gtc.iac.es) before **October 13, 2023, at 15:00 (GMT)**, indicating the relevant reference number in the subject line. The applications should include the following documents (in PDF format):

- Cover letter, describing the motivations for applying to this call.
- Application form (available on our website).
- Curriculum vitae (CV).

**Applications submitted after the deadline or those that do not include the required documentation will not be considered.** In the case of incomplete applications, the interested person will have a period of three (3) days, starting from the date when the missing documentation is requested, but no later than the deadline.

Further information on this position is available from the GRANTECAN Head of Operations Engineering, Luis Rodríguez García (0034 922425720 ext. 734 or e-mail [luis.rodriquez@gtc.iac.es](mailto:luis.rodriquez@gtc.iac.es)). Further information about the recruitment process is available from the GRANTECAN Head of Administration, Lourdes González Rodríguez (0034 922425720 ext. 721 or e-mail [lourdes.gonzalez@gtc.iac.es](mailto:lourdes.gonzalez@gtc.iac.es)). Further details about the GTC may be found at its web site: <http://www.gtc.iac.es>.