



GTCR_06_23 OPERATIONS ENGINEER (LEVEL I-II). Mechanical area.

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Closing date: 12-06-2023

Gran Telescopio de Canarias S.A. (GRANTECAN) invites applications for one Operations Engineer position (Level I-II) for its Engineering Operations Operating Group based in La Palma (Spain).

GRANTECAN looks for people with exceptional talent and skills to operate, maintain and improve the Gran Telescopio de Canarias (GTC) executing scientific projects of the highest quality in the field of astrophysics. To this end, it requires people with integrity, responsibility, transparency, respect and honesty in their work, who seek continuous improvement, personal safety, the integrity of the facility, efficiency and innovation in their actions, as well as responsible and sustainable use, with the primary objective of caring for the environment.

Duties:

The selected person will report hierarchically to the Head of Engineering Operations. The general duties and responsibilities will be those included in the job description of the position GOI_004 or GOI_005 (Operations Engineer level I or level II). That includes:

- Execution of mechanical maintenance tasks at industrial level.
- Management and resolution of maintenance incidences.
- Responsibility for the management of maintenance of parts or subsystems.
- Development of calculations, documents and technical specifications.
- Planning and management of work with internal and external personnel.
- Participation in integration tests, verification and commissioning.
- Use of database and data analytics to maintain or improve the different systems.
- Administrative tasks related to the management of purchases and contracts with external companies.
- Providing reports, diagrams, drawings and other documents relating to work carried out or related.

(Section A) Minimum qualification required:

- First level university degree [QF-EHEA](#) (MECES level 2) in Industrial Engineering in the specialty of mechanics or equivalent.
- Full current driving license (level B or higher).

(Section B) Experience, knowledge and specific core competencies

- Be able to communicate effectively in Spanish.
- Be able to communicate effectively in English.
- Experience in mechanical maintenance at industrial level, with ability to operate machines and tools.
- Ability to develop calculations, documents and technical specifications in the industrial and mechanical field.
- Experience in design/calculation tools: Creo Parametric, SolidWorks, Autocad, Inventor, Ansys, etc.
- Knowledge in design and calculations of structures, welded and bolted joints.
- Creating, modifying, and executing maintenance plans.
- Participation in purchasing processes, design of minor contracts and tenders.
- Planning and management of work with internal and external personnel. Contract management.
- High capacity to identify and resolve incidences in the field of the speciality.
- Knowledge of data analysis tools: spreadsheets, Matlab, Python, etc.

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Section C (Experience and/or knowledge in specific complementary skills)

- MECES level 3 Industrial, Mechanical or equivalent Master's Degree.
- Experience in assembly and maintenance work in large industrial installations.
- Training and experience in project management.
- Experience in the use of CMMS tools.
- Experience in hydraulic and pneumatic installations.
- Experience in general workshop work.
- Experience in FEM analysis.
- Leadership, organizational skills with emphasis on adapting to change, transparency, self-organisation and collaboration with the rest of the team.

Merits to value:

- Section A: Candidates who do not meet these requirements will be discarded and not evaluated.
- Section B: Maximum score: 60 points. Candidates who score less than 30 points will be disqualified.
- Section C: Maximum score: 40 points

The evaluation will be based on the documentation provided by the candidate and a personal interview.

GRANTECAN is fully committed to equal opportunities and non-discriminatory recruitment. Under equal conditions in terms of merit and ability, the incorporation of personnel of the sex less represented in the professional group to which the position belongs will be prioritized.

Contractual Information

The selected person will sign a permanent full-time contract with GRANTECAN, with a trial period of 6 months.

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 be that corresponding to level I (36.139,62€) or level II (40.508,36€), depending on the qualifications and experience of the person selected. Additional compensation will be paid for work at the Roque de los Muchachos Observatory on La Palma.

Non-UE citizens:

Applicants who are not citizen of a country belonging to the European Union are invited to apply for this position, but, if selected, will be allowed to sign the contract with GRANTECAN only after obtaining the compulsory documentation required to live and work in Spain.

Applications

Interested applicants should send their applications by 12 June 2023 at 15:00 (WEST) to r.personal@gtc.iac.es , indicating the relevant reference number in the subject line. Applications must contain the following documents (in PDF format):

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

Late applications or those that do not include the required documents, will not be considered. In case of incomplete applications, the applicant will have a period of three (3) days, starting from the date in which the missing documentation is required.

Further information

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.rodriguez@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). Further details about the GTC may be found at its web site: <http://www.gtc.iac.es>.