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EUROPEAN SPACE AGENCY

Vacancy in the Directorate of Technical and Quality Management

The European Space Agency is an equal opportunity employer
and encourages applications from women

POST

Cost Engineer in the Cost Engineering Section, Systems and Cost Engineering Division, Systems, Software and In-Orbit Demonstration Department, [Directorate of Technical and Quality Management](#).

This post is classified in the A2-A4 grade band on the Coordinated Organisations' salary scale.

LOCATION

ESTEC, Noordwijk (Netherlands).

DUTIES

The postholder will report to the Head of the Cost Engineering Section. Specific tasks and responsibilities will include:

- preparing cost estimates in support of projects and other procurement actions for all areas of ESA activity with due consideration being given to technical, programmatic, planning and procurement aspects;
- comparative analysis of industrial contractors' estimates, prices and costs-at-completion;
- participating in tender evaluation boards and associated cost-related panels;
- participating in project reviews;
- supporting industrial negotiations;
- cost engineering tasks in the context of assessment studies in the Concurrent Design Facility;
- contributing to the dissemination of the results of activities performed and the transfer of knowledge across the Agency.

To carry out these tasks, the postholder will use and also contribute to the development and maintenance of analysis tools, databases and methodologies including:

- ECOS, the ESA Costing Software;
- the Cost Engineering Section's cost/technical databases;
- design-to-cost and risk analysis techniques;
- the life-cycle cost approach;
- parametric cost estimating models mainly based on ESA's series of cost/schedule models.

QUALIFICATIONS

Applicants for this post should have a Master's degree or equivalent qualification in an engineering discipline applicable to space. Preference will be given to those with an engineering background and who can demonstrate a systems approach taking account of technical and programmatic aspects, including planning and risk assessment.

A minimum of five years' experience of cost estimating, preferably for space activities, is required. Experience of developing and using relevant software applications would be an asset.

Candidates should also have experience of working with project and/or study teams and technical specialists and leading specific cost-engineering actions such as design-to-cost.

Applicants should have good interpersonal and communication skills. They should be able to work effectively, autonomously and cooperatively in a diverse and international team environment, defining and implementing solutions in line with team and individual objectives, as well as project deadlines.

Applicants should also have good analytical, organisational and reporting skills, a proactive attitude to problem-solving and an interest in innovative technologies.

For behavioural competencies expected from ESA staff in general, please refer to the [ESA Competency Framework](#).

The working languages of the Agency are English and French. A good knowledge of one of these is required. Knowledge of another Member State language would be an asset.

CLOSING DATE

The closing date for applications is **30 August 2016**.

Applications from external candidates should preferably be made [online](#) from the ESA website (www.esa.int/careers). Those unable to apply on-line should submit their CVs to Human Resources, ESTEC, Keplerlaan 1, 2201 AZ Noordwijk ZH, The Netherlands.

ESA staff members wishing to apply should fill in the [Internal Application Form](#) and email it to [Apply2ESTEC](#).

The Agency may require applicants to undergo selection tests.

Please note that applications are only considered from nationals of one of the following States: Austria, Belgium, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Luxembourg, the Netherlands, Norway, Poland, Portugal, Romania, Spain, Sweden, Switzerland, the United Kingdom and Canada.

Priority will first be given to internal candidates and secondly to external candidates from under-represented Member States.

In accordance with the European Space Agency's security procedures and as part of the selection process, successful candidates will be required to undergo basic screening before appointment.