

VACANCY NOTICE

POSITION TITLE	TECHNICAL OFFICER - INTERFACE ENGINEER
SELECTION REFERENCE	F4E/TA/AD6/2018/0228
GRADE	TEMPORARY AGENT – AD6
LOCATION	CADARACHE, FRANCE OR BARCELONA, SPAIN¹
NUMBER OF SUCCESSFUL CANDIDATES SOUGHT FOR THE RESERVE LIST²	8
VALIDITY OF THE RESERVE LIST	31/12/2019
CLOSING DATE FOR APPLICATIONS	07/01/2019 AT 12.00 NOON, BARCELONA TIME

1. ORGANISATION SETTING

Fusion for Energy, or F4E, a European Union Joint Undertaking, headquartered in Barcelona, specifies and manages the production of the European contribution (45%) to ITER. This research fusion reactor in Cadarache, France, will progress fusion by a major leap towards clean and sustainable generation of abundant base load energy, complementing renewables.

ITER is one of the largest construction projects in Europe and the world's largest scientific partnership. ITER brings together seven parties that represent half of the world's population – the EU, Russia, Japan, China, India, South Korea and the United States.

The CAD group provides technical expertise in the area of CAD and technical data management to the different project teams of F4E. In particular the CAD group has an important role in the management, resolution and follow up of interface issues for the construction of civil and mechanical systems for ITER site and buildings according to general specifications received from ITER organization.

2. RESPONSIBILITIES

As a member of the CAD Group in the Technical Support Services Unit within the ITER Delivery Department of 'Fusion for Energy', the Interface Engineer will report directly to the Head of the Technical Support Services (Hierarchical line). This matrixed member of the ITER Delivery Department of F4E will also report to the Project Team Leader of the Buildings, Infrastructures, and Power Supplies Project (BIPS), functional line.

¹ Given the needs of the organisation, the candidate may be offered a position at any of the other F4E working places.

² The Selection Board will draw up the reserve list. Subject to availability of sufficiently good candidates, the list will be populated up to the number of successful candidates sought and stipulated in the vacancy notice. Eligible candidates who have been shortlisted for further testing and have obtained the highest overall marks following the assessment will be listed alphabetically. Where candidates tie for the last available place on the reserve list, they will all be included on the reserve list. Any readmitted candidates following a successful appeal at this stage of the procedure will also be added to the reserve list.

The successful candidate will, among other tasks:

- Act as BIPS representative in the area of Interface Management in relation with ITER stakeholders and BIPS Contractors, to anticipate issues, propose solutions proactively and manage their implementation;
- Liaise with the ITER Organisation and other projects of Fusion for Energy in his/her area of expertise and responsibility;
- Manage design studies, in close relation with the Buildings Integration Cell working in the CATIA 3D model of the buildings and process systems, ensuring that all Functional / Layout / In-Service-Inspection (ISI)/ Commissioning / Maintenance and Nuclear Safety requirements are properly satisfied and integrated with other systems (including civil works) through agreed and well defined procedures;
- Follow-up design activities from the Various Contractors involved in the ITER construction, anticipating interfaces issues between F4E Contractors and between F4E and IO Contractors and proactively managing them;
- Be the representative of the BIPS Project Team in the Assembly Sequence Working Group, where interface issues in relation with sequence of construction and assembly are identified and resolved;
- Follow-up construction activities from the Various Contractors involved in the ITER construction from the manufacture till the commissioning and the operation phase through the different construction works and tests, in relation with the coordination team from the Architect Engineer, identify interface issues and managing them up to the proper instruction to the relevant Contractors;
- Participate in the elaboration of the technical specifications for the procurement contracts or the variations with the permanent goals to cope with the project requirements and particularly the Nuclear Safety requirements, and to anticipate any relevant interface aspects;
- Ensure that F4E Quality Assurance and Control requirements are implemented in all activities related to his/her/area of responsibility in accordance with the arrangements established with the ITER Organisation;
- Contribute to the assessment and disposition of Project Change Requests (PCR), Field Change Requests (FCR), Deviation Requests (DR), Non-Conformance Requests (NCR) in his/her area of responsibilities;

3. GENERAL CONDITIONS

A. ELIGIBILITY CRITERIA

A1. In order to be eligible the candidate must:

- Be a citizen of one of the Member States of the European Union or of a Third state fully associated with the Euratom fusion programme (Switzerland).
- Enjoy his/her full rights as a citizen.³
- Have fulfilled the obligations imposed on them by the laws of their home country concerning military service.
- Meet the character requirements for the duties involved.
- Be physically fit to perform their duties⁴.

³ Prior to any appointment, the successful candidate will be asked to provide a certificate issued by the competent authority attesting the absence of any criminal record.

A2. On the closing date for registration the candidate must possess:

At least a level of education which corresponds to completed university studies of at least 3 years attested by a diploma and, after having obtained the university degree, at least 3 years of proven professional experience;

Only study titles that have been awarded by the Members of the Joint Undertaking or that are subject to the equivalence certificates issued by the authorities in the said Member States shall be taken into consideration.

A3. The candidate must produce evidence of a thorough knowledge of one of the languages of the Union and of a satisfactory knowledge of another language of the Union to the extent necessary for the performance of his duties⁵. One of the two languages must be English.

B. QUALIFICATIONS AND EXPERIENCE REQUIRED

B1 Essential Selection Criteria

- Bachelor or Master Degree in Mechanical Engineering or equivalent (such as Civil/ Electrical/ Nuclear/ Industrial Engineering);
- At least 3 years' experience as system or process/project engineer in the supervision of the implementation of mechanical and/or civil engineering projects involving large mechanical components;
- At least 1 year proven experience in the field of mechanical and/or civil works design, construction and commissioning preparation and follow-up;
- At least 1 year proven experience working with nuclear mechanical safety codes or standards (RCCM, ASME, ...) in large industrial projects;
- At least 1 year proven experience in the management of design works including monitoring the status of the project and generating effective reports;
- Strong communication skills;
- Good analytical capabilities;
- Good organisational skills and ability to work under pressure.

B2 Advantageous Selection Criteria

- Experience in large worksite site coordination and scheduling;
- Experience in ITER project or similar nuclear complex project;
- Experience in design, manufacturing, installation, commissioning or operation of large-scale technically complex nuclear equipment;
- Experience in managing interfaces between Mechanical components and Civil Works;
- Basic command of CATIA V5, AVEVA PDMS or similar CAD Software;
- Basic command of French;
- Ability to integrate into an international and multicultural environment.

⁴ Before his/her appointment, the candidate shall be medically examined in line with requirement of Article 12(2)(d) of the Conditions of employment of other servants of the European Communities.

⁵ Promotion/reclassification is subject to working knowledge of a third EU language.

4. CONDITIONS OF EMPLOYMENT

Commitment to promote equal opportunities

'Fusion for Energy' is an equal opportunities employer and strongly encourages applications from all candidates who fulfil the eligibility and selection criteria without any distinction whatsoever on grounds of nationality, age, race, political, philosophical or religious conviction, gender or sexual orientation and regardless of disabilities, marital status or other family situation.

Depending on business needs and budgetary availability, the candidate(s) placed on the reserve list may be recruited as temporary agents under Article 2(f) of the CEOS in grade AD6 with either a contract of an initial duration of five years, with possibility of renewal; or with a non-renewable contract of a shorter duration.

In both those cases, the probationary period is 9 months.

For more information on the selection process of Temporary Agents and on the contractual and working conditions, please, refer to:

- **Guide for Applicants:**
<http://fusionforenergy.europa.eu/careers/Documents/Annex%20to%20the%20VN.pdf>
- **Conditions of employment of Other Servants of the European Communities:**
<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CONSLEG:1962R0031:20140101:EN:PDF>

The salaries of temporary agents are subject to a community tax deducted at source. They are exempt from national tax. The European institutions have their own social security and pension scheme. **As an indication, the basic monthly salary, before any deductions or allowances, for grade AD6 (step 1) is currently 5326,04€.**

In addition to the basic salary, staff members may be entitled to various allowances, in particular a household allowance, expatriation allowance (16% of basic salary and household allowance), dependent child allowance and education allowance.

For further information on remuneration for temporary agents, visit:

http://www.fusionforenergy.europa.eu/downloads/careers/Remuneration_TA.pdf

Under certain circumstances, in particular where the jobholder is obliged to change his/her place of residence in order to take up employment, 'Fusion for Energy' may also reimburse various expenses incurred on recruitment, notably removal expenses.

The place of employment is **Cadarache, France or Barcelona, Spain.**

Given the needs of the organisation, the candidate may be offered a position at any of the other F4E working places.

For reasons related to the 'Fusion for Energy' operational requirements, once the candidate receives the job offer, he/she may be required to be available at short notice (2 to 3 months).

5. SUBMISSION OF APPLICATIONS

The online application process starts upon clicking "**CLICK TO APPLY**" next to a vacancy of your interest on the Open Positions page:

<http://fusionforenergy.europa.eu/careers/vacancies/Default.aspx>

Applicants must register their applications online through the F4E E-recruitment tool by creating a valid F4E user account and submitting the documents mentioned below.

Please note that the online e-recruitment application tool is the only acceptable means of sending in job applications. Applicants are responsible for keeping their e-mail addresses and personal details up to date in their profile in F4E online application tool.

The mandatory fields in the profile marked with an asterisk should be duly filled in and the candidates are requested to submit the following 2 documents:

- A detailed Europass Curriculum Vitae in **English** (can be obtained at the following address: <http://europass.cedefop.europa.eu/en/documents/curriculum-vitae>)
- A motivation letter of 2 pages maximum in English

Applications must be complete and validly submitted by the closing date for submission of applications

no later than 07/01/2019 at 12h00 noon, Barcelona time.

Reimbursement of travel expenses

Travel expenses incurred for tests will be reimbursed by 'Fusion for Energy' according to its rules for the reimbursement of travel expenses sent along with the letter inviting to an interview. After the submission of the required documents, the reimbursement of the travel expenses will occur in the 3 following months.

Protection of personal data - Privacy notice

'Fusion for Energy' as the body responsible for organizing the selection process, will ensure that applicants' personal data are processed as required by Regulation (EC) No 45/2001 of the European Parliament and of the Council of 18 December 2000 on the protection of individuals with regard to the processing of personal data by the Community institutions and bodies and on the free movement of such data. This applies in particular to the confidentiality and security of such data. Personal data shall be processed solely for the purpose of the selection procedure.

Applicants have the right to access and rectify their data. To update your CV and/or Motivation Letter and rectify any incorrect or inaccurate data, please login into your e-recruitment profile **before the deadline for submission of the applications elapses.**

After the deadline for applications has elapsed, this right will be limited to the rectification of identification details and contact information only.

Should the applicant have any query concerning the processing of his/her personal data, he/she shall address them to the following address: Resources-Controller@f4e.europa.eu

In case you encounter technical problems when trying to submit your application via the e-Recruitment tool, please make a screenshot and send it to: hr-selections@f4e.europa.eu

It is the responsibility of the applicant to inform 'Fusion for Energy' about any technical problem without delay within the deadline mentioned above.

Please, do not send any supporting documents (i.e.: copies of your ID-card, educational certificates, evidence of previous professional experience etc.) **with your application at this stage if not specified in the Vacancy Notice.**

Appeal and Complaint procedures

Applicants that consider that he/she has been unfairly affected by a particular decision regarding this selection can lodge a complaint. For further details on how to proceed, please consult the appropriate document published on our [website](#).

6. RESERVE LIST

Suitable candidates placed on the reserve list may be recruited upon decision of the Appointing Authority. Candidates should note that inclusion on the reserve list does not guarantee recruitment.

This reserve list may be used for recruiting candidates on other similar positions carrying the same profile as the one described in this notice.

The validity of the reserve list could be extended if the Appointing Authority so decides.

All the detailed information concerning the selection process may be found in the “Guide for applicants” published on the F4E website along with this Vacancy Notice.