

## VACANCY NOTICE

<b>POSITION TITLE</b>	<b>CAD TECHNICAL ASSISTANT</b>
<b>SELECTION REFERENCE</b>	<b>F4E/TA/AST3/2018/0227</b>
<b>GRADE</b>	<b>TEMPORARY AGENT – AST3</b>
<b>LOCATION</b>	<b>CADARACHE, FRANCE OR BARCELONA, SPAIN<sup>1</sup></b>
<b>NUMBER OF SUCCESSFUL CANDIDATES SOUGHT FOR THE RESERVE LIST<sup>2</sup></b>	<b>8</b>
<b>VALIDITY OF THE RESERVE LIST</b>	<b>31/12/2019</b>
<b>CLOSING DATE FOR APPLICATIONS</b>	<b>13/12/2018 AT 12.00 NOON, BARCELONA TIME</b>

### 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. The F4E CAD Group has an important role in the verification of CAD design performed by F4E suppliers from the functional, integration and CAD quality point of view. The detailed mechanical CAD design of some components is as well part of the functions of the F4E Design Office.

### 2. RESPONSIBILITIES

As a member of the CAD Group in the Technical Support Services Unit within the ITER Delivery Department of 'Fusion for Energy' and reporting to the CAD Group Leader, the CAD Technical Assistant will be responsible to provide support on the CAD Group related tasks to the technical officers within the department, these tasks include the interaction with others actors in the ITER Project like ITER Organization and F4E suppliers.

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

<sup>2</sup> 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:

- Support the management of the mechanical configuration and interfaces control liaising with ITER IO and EU suppliers.
- Provide support and train the F4E Suppliers on the application of ITER specific CAD methodologies.
- Coordinate the CAD tasks performed by F4E Suppliers working in collaboration within the CAD group.
- Perform the checks and actions for the promotion of CAD data (3D models, 2D drawings and diagrams) within the workflow lifecycle process in the ITER project.
- Participate in ITER design reviews (MRR, FDR, etc.) providing inputs on CAD data related matters for 3D models, 2D drawings and diagrams (PFD, P&ID, cabling, etc.).
- Participate to the Buildings Integration Cell working in the CATIA 3D model of the buildings and process systems.
- Be the representative of the BIPS Project Team in the project holistic integration team and Assembly Sequence Working Group, and support F4E contractors where 3D model issues are identified.
- Follow-up and assess correctness of 3D model integration works of construction contractors along all phases of designs until as-built stage in collaboration with the Architect Engineer;
- Check the quality of CAD data (3D models, 2D drawings and diagrams) produced by ITER IO or F4E suppliers.
- Provide support in the creation, modification and checking of consistency of the CMM models using as reference the 2D drawing information provided by F4E Suppliers.
- Provide CAD support in any design task that may be carried out by F4E.

### **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.<sup>3</sup>
- 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 duties<sup>4</sup>.

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<sup>3</sup> 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.

<sup>4</sup> 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.

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

A level of post-secondary education attested by a diploma and, after having obtained the diploma, 3 years of relevant professional experience

OR

a level of secondary education attested by a diploma giving access to post-secondary education and, after having obtained the diploma, 6 years of relevant 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 duties<sup>5</sup>. One of the two languages must be English.

## **B. QUALIFICATIONS AND EXPERIENCE REQUIRED**

### **B1 Essential Selection Criteria**

- Proven experience of at least 3 years in the design of mechanical components;
- Proven experience of at least 1 year in using Dassault System CATIA V5 CAD software;
- At least 3 year of working experience in CAD working experience;
- Ability to integrate into an international and multicultural environment;
- Ability to work under conditions that require considerable flexibility;
- Service orientation;
- Ability to work both autonomously and in a team.

### **B2 Advantageous Selection Criteria**

- Diploma in Mechanical Engineering or equivalent (such as Civil/ Electrical/ Nuclear/ Industrial Engineering);
- Proven experience of at least 1 year in design of components for nuclear or other large facilities;
- Proven experience of at least 1 year with a Product Data Management/Product Lifecycle Management system: ENOVIA V5 VPLM, ENOVIA SmarTeam;
- Proven experience of at least 6 months using specific CATIA V5 workbenches for E&S;
- Proven experience of at least 6 months as CAD trainer;
- Proven experience of at least 6 months in the workload coordination of a group of CAD designers;
- Good knowledge of AVEVA PDMS CAD software;
- Working experience in a European or international environment;

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

- Working experience in ITER project or similar nuclear complex projects;
- Basic knowledge of fusion technology.

#### 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 AST3 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 AST3 (step 1) is currently 3677,17€.**

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](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 **Barcelona, Spain or Cadarache, France.**

Given the needs of the organisation, the candidate may be offered an employment 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 13/12/2018 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](mailto: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](mailto: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.