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## **PUBLIC CALL OF THE CONSORTIUM OF ULTRA-SHORT ULTRA-INTENSE PULSED LASER CENTRE (CLPU) FOR THE HIRING OF A SCIENTIST**

### **Ref. 105/17 - Scientist**

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The Spanish Pulsed Lasers Center (henceforth CLPU) is a public consortium affiliated with the General Administration of the State, in which the Ministry of Economy, Industry and Competitiveness, the Community of Castile and Leon and the University of Salamanca participate, and whose objective is to design, build, equip and exploit a permanent installation of laser systems achieving technological leadership, open to the national and international scientific community.

### **I. JUSTIFICATION OF THE CALL**

This call operates on the basis laid down by Resolution on the authorization of a maximum annual quota for 2017 issued by the Directorate General for Personnel Costs and Public Pensions and the Directorate for the Civil Service in accordance with the provisions of the seventeenth additional provision of the Act 3/2017, of 27 June (Ley 3/2017, de 27 de junio, de Presupuestos Generales del Estado para el año 2017), regarding the General State Budget for 2017, on the authorization of fixed-term employment contracts in consortia controlled primarily by the state public sector.

### **II. SCOPE OF THE CALL**

The purpose of this call is to perform a selective process with all of the persons that participate, so as to sign a TEMPORARY contract in the form of a contract for a specific service or labor with the job category and title of SCIENTIST for experimental activities related to the VEGA laser system (target area operator). The contract is linked to the investment project covered by the Collaboration Agreement between the Spanish Ministry of Education and Science, the Autonomous Community of Castilla y León and the University of Salamanca for the creation of the Consortium for the design, construction, equipping and operation of the Ultra-short Ultra-intense Pulsed Lasers Center currently in force until December 31st, 2021.

The employment contract will be bound to the objectives of the aforementioned project and specially with the tasks defined in section V of this call.

### III. SELECTION BOARD

The Selection Board will be chaired by the Director of the CLPU, and will be composed by the Manager, the Chief of Scientific Area, and the Human Resources Technician.

The functions of the Board can be delegated by means of express authorization.

### IV. SELECTION PROCESS

Workers of the CLPU that meet the requirements set in the call and whose contract complies with the labor regulations may participate.

When candidates are equally well qualified, those persons with some degree of disability will be given preference.

The selection process will start the day after the end of the application reception period, and will last a maximum period of two months. The foreseen date of incorporation is December 2017, developing along the following phases:

#### **First phase: Evaluation of the fulfilment of requirements by the candidate**

The evaluation of the fulfilment of the requirements set by the call and necessary to opt for the job position will be performed through the information supplied on the Curriculum Vitae. The tribunal may ask for clarifications or justifications deemed appropriate for a correct evaluation.

As about the evaluation of the language proficiency in the English language that is required from the candidates, it will be performed through an evaluation of their oral and written comprehension to measure their level. If the selection tribunal deems it appropriate, those candidates that justify their level by providing with accreditation issued by an accreditation body may be exempt. Also, those candidates who had previously provided with accreditation in previous calls issued by the CLPU, may be exempt.

This phase may not last more than one month, at the end of which the corresponding resolution will be issued, including a list containing all the candidates that are deemed apt, and therefore remain in the selection process.

#### **Second phase: Merit assessment**

Candidates that have passed the first phase, will be valued in the valuation of merits through a personal interview, preferably in-person although other ways, such as by teleconference, video-chat and the such, will be allowed.

Also, and if deemed appropriate by the selection board, a specific test may be scheduled, and additional documentation related to the merit valuation may be requested.

This phase will last a maximum of one month and will end with the final resolution of the process and appointment of the candidate that has obtained the best valuation to fill the position object of the call.

Optionally, up to two candidates may be appointed, through order of precedence, to fill the position shall the originally appointed candidate renounce.

The information about the development of the selection process will be published on the website, identifying candidates by their name and surname, as well as their national ID number.

## V. FUNCTIONS AND COMPETENCES OF THE JOB POSITION

The CLPU is looking for outstanding professionals that wish to join a top-level facility in the development and use of high intensity lasers within the framework of scientific research. The CLPU is looking for a doctor in physics with experience in research related to high intensity laser-plasma interactions.

Supervised by the Chief of Scientific Area, he/she will be responsible of the following scientific duties:

- Support the experimental activities useful for the CLPU.
- Support the users in the experimental activities.
- Help the Scientific Division in the development of the future scientific programs, in agreement with the Direction and the Head of the Scientific Division.
- Link with national and international scientific community to determine the scientific and technical needs of potential users.
- To manage a laboratory or part of it and to coordinate the work of the young scientists.
- Any other task commissioned to the employee, which he/she is capable of doing.

Fundamental competences of the job position:

- Interpersonal relationships: capacity to relate with users. Keeping good relationships to create a suitable atmosphere for the provision of services and for the exchange of information.
- Planning and organizing: capacity to plan and foresee all the necessary to suit the needs of the users, organize resources and tasks, define priorities and meet execution times.
- Flexibility and management of change: modify the behavior to provide with answers to the changing needs of the users, and make changes upon request.
- Initiative: ability to propose and implement actions when facing new situations.
- Continuous learning

The remuneration will be competitive and commensurate with the candidate's value, the job position and the salary table of the CLPU. As an indicative figure, the range for the gross annual salary is 24.518,10 € - 31.967,38 €, for full-time contracts distributing this salary between a fixed part and variable part based on target accomplishment.

The working languages in the CLPU are Spanish and English, interchangeably.

## VI. MINIMUM REQUIREMENTS

To participate in this call, it is essential to meet all the requirements listed below, and accredit them as stated:

- PhD in Physics or equivalent <sup>(1)</sup>
- High level of English, written and spoken (required to carry out the job interacting with colleagues of different countries and ability to make a valuable scientific production in terms of publications and presentations or project's proposals).

And, at least, two among the following requirements:

- Experience in experimental laser-plasma interactions or in modelling activities related to this field.
- Experience of work in international institutions dedicated to the field of high intensity laser-plasma science.
- Experience in the current state of art related to high intensity laser-plasma diagnostics.

<sup>(1)</sup> *In the extraordinary case of a valuable and proved post-graduate experience of the candidate of at least 3 years in a field related to the topics of the present call, the CLPU reserves the possibility to overcome the prerequisite of the PhD and accept a master degree in Physics or equivalent.*

## VII. ASSESSABLE MERITS

The following merits will be valued up to ten points each:

- Knowledge of computer codes and programming experience in different branches related to laser-plasma physics (e.g. Monte-Carlo methods, Particle in Cell, Hydrodynamic codes and so on).
- Knowledge of parallel computing and access to supercomputing facilities.
- Experience in the issues related to ultra-intense laser beam handling in the experimental areas (e.g. plasma mirror, focusing, synchronization of multiple beams, advanced probes design etc.).
- Experiences in the use of optical based diagnostics ranging in different frequency range (e.g. X-rays to THz radiation).
- Experience in participating to the proposal/editing of national/international scientific projects.
- Being involved in an on-going PhD program related to the topics of the present call (in case of the extraordinary case described in the first requirement).
- Experience in experiment proposal in international high intensity laser facilities.
- Knowledge of other languages.

## VIII. PRIVACY AND DATA PROTECTION

The CLPU, in accordance to what is established in the Organic Law 15/1999, of December 13<sup>th</sup>, regarding the Protection of Personal Data, wishes to inform that the personal data provided by candidates through their application, as well as any other that may be generated as a consequence of their participation in the selection processes, will be stored in a file owned by the CLPU titled “Curriculum Vitae”, registered in the Spanish Data Protection Agency, in order to cover the offered positions.

The participation in the selection processes of the CLPU is voluntary as is the communication of your personal data to the Center, it being understood by the Center that the submission of the curriculum vitae translates into express consent for the processing of the personal data of the applicants for the aforementioned purpose, without prejudice that, being that data processing entirely voluntary, applicants may oppose and revoke the consent given above, as well as exercise their rights to access, rectify, cancel and/or object to the data through a written request addressed to the Spanish Pulsed Lasers Center, C/ Adaja, 8, 37185 Villamayor (Salamanca), in the terms established in the applicable regulations.

If you give us data related to your health and/or disability so as to apply for the aforementioned positions, you acknowledge that your declaration is voluntary and translates into express consent for the CLPU to store said data in the file of which is responsible in order to complete the tests and selection processes.

## IX. APPEALS ON CURRENT CALL

An appeal for reconsideration (Recurso de Reposición) against this public call for hiring of the CLPU may be lodged to the Director within a month from the issuance of the Resolution. Also, a contentious administrative appeal (Recurso Contencioso-Administrativo) may be lodged against the resolution before the contentious administrative court of Salamanca, within 2 months of the issuance of the Resolution. If an appeal for reconsideration against the resolution is lodged, it will not be possible to lodge a contentious administrative appeal until the appeal for reconsideration is resolved, or dismissed. All this in accordance with the provisions of articles 123 and 124 of the Law 39/2015, October 1st, of the Common Administrative Procedure of the Public Administrations\*.

\*Ley 39/2015, de 1 de octubre, del Procedimiento Administrativo Común de las Administraciones Públicas.

## X. APPLICATION SUBMISSION

To participate in this call, every interested person shall complete the form available in our website (<https://www.ccpu.es/es/about-us/job-opportunities>).

Once completed, it shall be submitted through the website, attaching your Curriculum Vitae.

The deadline for submissions will end on **5<sup>th</sup> November 2017**.

Participation in this selective process entails the full acceptance of the call. The selection board may declare null and void the call for this position.