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

Ref. 113/18 - Laser Technician

The Spanish Pulsed Lasers Center (henceforth CLPU) is a public consortium affiliated with the General Administration of the State, in which the Ministry of Science, Innovation and Universities, the Community of Castilla y León 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. CLPU is considered as an agent of the Science and Technology Spanish System.

I. JUSTIFICATION OF THE CALL

This call operates on the basis laid down by Resolution on the authorization of a maximum annual quota for 2018 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 thirty-first additional provision of the Act 6/2018, of 3 July (Ley 6/2018, de 3 de julio, de Presupuestos Generales del Estado para el año 2018), regarding the General State Budget for 2018, 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 LASER TECHNICIAN for the design, prototyping and development of a synchronized and remote VEGA shot control device as well as a flooding and portable laser safety protection system.

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 especially 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 Technical Division, 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 labour regulations may participate.

In case of candidates 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 an estimated maximum period of four months. The foreseen date of incorporation to the CLPU for the selected candidate is not later than December 2018.

The selection process will be carried out through 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 by the candidates through their Curriculum Vitae. The tribunal might ask for further 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 or failing this, by providing justification of stay of at least one year in International Institutions or Centers, may be exempt.

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 two months, 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

The candidates passing the first phase will step into the evaluation of the additional merits through a personal interview, preferably in-person, although other ways, such as teleconference, video-chat and others, 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 two months 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 the candidates by their names and surnames, as well as their last four digits of national ID numbers; NIE, passport or equivalent document.

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 person with a background in programming, electronic and sensor development.

Supervised by the Chief of Technical Division, he/she will be responsible of the following technical and technological duties:

- Prototyping and development of a synchronization and delay generator system for VEGA laser.
- Upgrading of the electronic prototype of VEGA laser remote shot control.
- Design and development of a network of embedded flooding detectors for power supply room monitoring.
- Prototyping and development of a laser integrated safety system including integrated interlock, visualization and control specialized for ultrashort laser labs.
- Any other task commissioned to the employee, which he/she is capable of doing relating to the specific service or labour described in section II.

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.
- Provide a reporting activity in order to spread the achievements done to the rest of the center and also to check the status of the duties to be carried-out.
- It is required a bent for a continuous learning, and a multi-disciplinary attitude

Remuneration will be commensurate with the value of the candidate, the job offered and the CLPU salary table. As a guideline a range for fixed annual, full time equivalent gross salary, between 21.666,54 - 24.916,52 € has been established, this being a combination of a fixed part and a variable one, based on the objectives met by the employee and assigned by the CLPU every year.

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 previously stated:

- R1.- Industrial electronic engineer.
- R2.- At least one year's experience in programming electronic embedded systems.
- R3.- At least one year experience in Lab-View software development. Knowledge of C/C++ and Matlab.
- R4.- At least three years' experience in electronic design and development.
- R5.- Experience in mechanical design, knowledge of Solidworks or AutoCad.
- R6.- Experience in technical purchasing.
- R7.- High level of English, written and spoken equivalent level B2 relating to "Marco Común Europeo"¹.
⁽¹⁾http://cvc.cervantes.es/ensenanza/biblioteca_ele/marco/cvc_mer.pdf (page 26).
- R8.- Good level of Spanish language spoken and written.
- R9.- Research or technological experience.

VII. VALUABLE MERITS

As previously stated, the candidates fulfilling the minimum requirements will be further evaluated according to the list of the additional valuable merits reported hereafter:

- M1.- Experience in FPGA and PSoC programming.
Maximum score 5 points (1 point per years' experience)
- M2.- Experience in ultrashort laser pulse management and characterization.
Maximum score 5 points (1 point per years' experience)

M3.- Experience and development of technological products for Research and Development.
Maximum score 5 points (1 point per years' experience)

M4.- More experience than years required in section VI.
Maximum score 5 points (1 point per years' experience).

VIII. PRIVACY AND DATA PROTECTION

The CLPU, in accordance to what is established in the Regulation (EU) (UE) 2016/679, April 27th 2016 and the Organic Law 15/1999, of December 13th, 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 "Currículum Vitae", with the purpose of managing the processes of personnel selection and recruitment procedures through public calls to which the Center is legally bound and the subsequent execution of the selected person's contract.

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 have the right to exercise the rights under the aforementioned Regulation as detailed in the additional information that they may access through this link: https://www.clpu.es/es/PDe_Curriculum_Vitae.

If applicants give us data related to health and/or disability so as to apply for the aforementioned positions, they acknowledge that their 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 A 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. APPLICATIONS

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 the **2nd of September 2018**.

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.