

# Open Call: Don't miss this €40.000.000 € Energy Fusion pre-commercial procurement (PCP)

## About the tender

In this document, you can find additional information regarding the Energy Fusion PCP. The primary objective of this tender is to support the development and validation of innovative solutions in the field of fusion energy. The tender is part of the broader IFMIF-DONES (International Fusion Materials Irradiation Facility, DEMO Oriented Neutron Source) project. This initiative aims to address several key challenges in the advancement of fusion energy technology such as the development of advanced materials, technological innovation, validation of systems and supporting the DONES project, which focuses on generating high-energy neutrons to simulate the conditions inside a fusion reactor. By addressing these challenges, the tender aims to contribute significantly to the advancement of fusion energy, a clean and sustainable energy source for the future. The structured approach ensures thorough testing and validation of innovative solutions, promoting their successful integration into the broader fusion energy infrastructure.

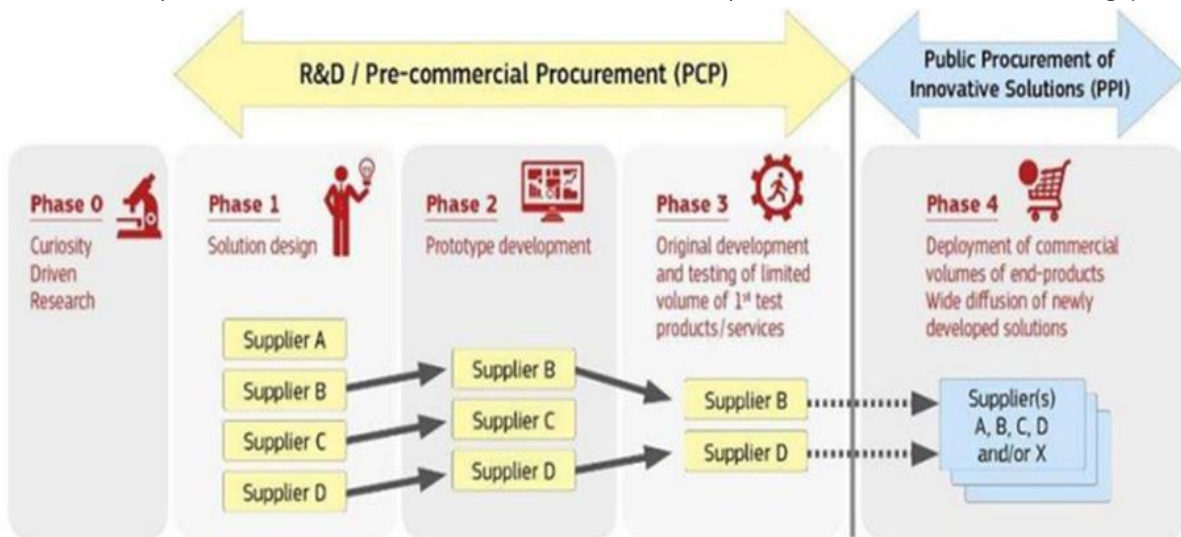
The total budget for this PCP tender is €40,000,000 (excluding VAT), structured into two lots.

The deadline for Energy Fusion PCP is on **03/09/2024 - 14:00:00 (UTC+2)**.

## Diving into PCP

Pre-Commercial Procurements allow public entities to acquire R&D services from various Technology Providers simultaneously. This approach enables a thorough comparison of alternative solutions, promoting the identification of the most cost-effective and valuable options. PCP involves a risk-benefit sharing arrangement under market conditions between public procurers and Technology Providers. Importantly, there is a clear separation between the PCP phase and the subsequent deployment of commercial volumes of end-products. For this reason, this R&D tender does not necessarily require a proposal for a finished product already launched on the market.

The PCP procedure consists of three phases: Phase 1 (Solution design), Phase 2 (Prototype development), and Phase 3 (Validation and Demonstration of the solutions), as illustrated in the following picture:



### Selection and Exclusion criteria for this tender

All information on the selection criteria for the Energy Fusion PCP call for tenders can be reached at the following document at this [link](#):

- Document “**Pliego Cláusulas Administrativas**” (section III.5. “*CAPACIDAD Y SOLVENCIA PARA CONTRATAR*”).

### Total budget and budget distribution per Phase:

The maximum total budget for the PCP is €40.000,000 excluding VAT. The contract will be executed for each Lot in phases, with the possibility of multiple awardees in Phase I. The phases of the tender are as follows: Phase I: Solution design, Phase II: Development and Verification Testing and Phase III: Pre-Operational Validation in Real Environment.

The table below shows the maximum tender budgets for each phase, result of multiplying the maximum number of successful bidders per phase and the maximum amount of each tenderer's bid in each phase:

## **LOT 1 - Accelerator Systems Integrated Technology Validator (VATIAC)**

Phase	Maximum number of successful bidders per phase	Maximum budget of each bidder (excluding VAT)	Maximum budget per Phase (excluding VAT)	VAT (21%)	Maximum budget per Phase (incl. VAT)
Phase I	2	725.000 €	1.450.000 €	304.500 €	1.754.500 €
Phase II	1	22.050.000 €	22.050.000 €	4.630.500 €	26.680.500 €
Phase III	1	3.500.000 €	3.500.000 €	735.000 €	4.235.000 €
<b>TOTAL</b>			<b>27.000.000 €</b>	<b>5.670.000 €</b>	<b>32.670.000 €</b>

## **LOT 2 - Integrated Technology Validator of Target and Test Systems (VATIST)**

Phase	Maximum number of successful bidders per phase	Maximum budget of each bidder (excluding VAT)	Maximum budget per Phase (excluding VAT)	VAT (21%)	Maximum budget per Phase (incl. VAT)
Phase I	2	777.000 €	1.554.000 €	326.340 €	1.880.340 €
Phase II	1	9.646.000 €	9.646.000 €	2.025.660 €	11.671.660 €
Phase III	1	1.800.000 €	1.800.000 €	378.000 €	4.235.000 €
<b>TOTAL</b>			<b>13.000.000 €</b>	<b>2.730.000 €</b>	<b>15.730.000 €</b>

### [Deadline for submission and duration of the contract](#)

Centro para el Desarrollo Tecnológico y la Innovación E.P.E. (CDTI) in collaboration with the Consorcio IFMIF DONES España			
<b>Deadline for submission of tender</b>	03/09/2024 - 14:00:00 (UTC+2)		
<b>Duration of the execution of the contract</b>	Expected duration: max 40 months per each lot.		
	<i>Phase</i>	<i>Budget</i>	<i>Duration</i>
	<i>Phase I – Lot 1</i>	1.450.000 €	9 months
	<i>Phase II – Lot 1</i>	22.050.000 €	24 months
	<i>Phase III – Lot 1</i>	3.500.000 €	7 months
	<i>Phase I – Lot 2</i>	1.554.000 €	10 months
	<i>Phase II – Lot 2</i>	9.646.000 €	24 months
	<i>Phase III – Lot 2</i>	1.800.000 €	6 months

### [Ownership of results](#)

The IPR on the new goods, technologies or solutions developed within the scope of the awarded contract shall be owned by the Contractor. The CDTI (and/or its subsidiaries) reserves a non-exclusive, irrevocable, free, and perpetual license (or until the expiration of the corresponding rights), with the right to sublicense within the public sector.

**Further information and all tender documents are available at the following [link](#).**

**DISCLAIMER:** Please note that responses to the invitation to tender for Energy Fusion PCP must be in Spanish. All proposals and communications shall be in Spanish or include a certified sworn translation into Spanish. The SPIN4EIC team will provide support for the tendering process in English but it will not provide the translation of documents into other languages.