




# **CONTRACTING PROCEDURE FOR THE ACQUISITION OF A HIGH POWER LASER SYSTEM FOR HYBRID WELDING**

Gijón, September 15<sup>th</sup>, 2020

	<p>Contracting procedure for the acquisition of a High Power Laser System for hybrid laser welding</p>	<p>www.idonial.com  info@idonial.com  T +34 984 390 060  F +34 984 390 061</p>
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## ADMINISTRATIVE TERMS & CONDITIONS.

### 1. PURPOSE OF THE CONTRACT.

IDONIAL Foundation has launched a tender to acquire a *High Power Laser System for hybrid laser welding*, which will be awarded in accordance with an open tender procedure (as stated Articles 12 and following of the IDONIAL Foundation Rules of Procurement), and published in the corporate website <https://www.idonial.com>

### 2. CONTRACTING AUTHORITY AND CONTRACT MANAGER.

The contracting authority shall be the CEO Mr Iñigo Felgueroso Fernández-San Julián ([compras@idonial.com](mailto:compras@idonial.com)) who will act as the contract manager assisted, in all matters regarding the tender, by a Committee consisting of Ms Susana Llaneza Barrera, and Mr Ricardo Álvarez Fernández.

### 3. TERM OF THE CONTRACT.

The delivery of the equipment and its commissioning will take place within a maximum period of 14 weeks from the date the contract is signed, and never later than December 15th. This date being non-extendable.

### 4. FINANCIAL PROPOSAL.

The maximum financial proposal that will be accepted regarding this tender is **Three hundred thousand Euros (€ 300,000.00)**, taxes not included.

Payments will be made according to the following calendar, after sending a proforma invoice:

- 30% with order
- 50% before shipment
- 20% 30 days after the acceptance test of the equipment on site

After-sales services.

- Assembly and commissioning included.
- Customized training (operation and maintenance) for 4-5 pax. included.
- Remote support (on-site support available if needed)

### 5. BID ASSESSMENT CRITERIA.

The bids received will be assessed based following these criteria out of a total of 100 points to assign:

**A. FINANCIAL PROPOSAL: 50%.**

Tender price offered that will represent 50 points. The weighting of this criteria will result from the application of the following formula:

$$Y = X1 * 50 / X2$$

Y= Score obtained by the offer being valued

X1= Lowest price offered

X2= Price offered to value


**B. TECHNICAL IMPROVEMENTS: 40%**

Only tenders passing the minimum technical score of 30% of the maximum percentage in this category will be considered technically compliant and eligible for the financial assessment.

Technical Evaluation Grid with the Award Criteria: Max. Value 40%.

B.1 The supplier should justify the quality of the technical solution for the proposed Idonial facility in the following categories.

Evaluation Criteria	
1.1 High efficiency laser unit. Power included in offer (in kW)	6%
1.2 Laser unit upgradeable maximum power with minimum cost, up to 60 kW.	5%
1.3 Max power for Laser welding head in Keyhole mode (in kW).	4%
1.4 Alternative and rotate movements of the focal point by motorized welding head. Max power (in kW).	4%
1.5 External Chiller max power in kW, for cooling the laser and optics.	3%
1.6 Beam quality (in mm*mrad).	2%
1.7 System to control the key hole / penetration control mode, external to the laser source parameters control.	2%
1.8 Accurate of power control system is within ± %	2%
1.9 Head/optics design for GMAW-laser hybrid weld applications	1%
1.10 Adaptation of existing safety barriers / enclosures to be compatible with supplied Laser.	1%
1.11 Integration with existing Idonial KUKA KR 500-2 robot with KR C2 control (Devicenet master natively).	1%
1.12 Laser class 4 safety systems	1%
1.13 Minimum power in use	1%
1.14 Shipping terms to Idonial facilities: INCOTERMS(2020).	1%
1.15 Commissioning includes coupling of laser system with an existing Idonial CMTi Fronius or Titan XQ EWM power source, or similar.	1%
1.16 Fiber wire length with max Øcore μm	1%
1.17 Fiber systems compatible with bending and twisting movements of a robot	1%
1.18 PC / laptop/touch panel included	1%

 <p><b>IDONIAL</b> CENTRO TECNOLÓGICO</p>	<p>Contracting procedure for the acquisition of a High Power Laser System for hybrid laser welding</p>	<p>www.idonial.com info@idonial.com T +34 984 390 060 F +34 984 390 061</p>
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1.19 Interface and documentation language options	1%
1.20 Changes in the power will not affect the laser beam quality	1%

- C. Extension of the warranty period: 5%.
- D. Early delivery: 5%.

## 6. SUBMITTING BIDS.

Those interested in participating in the selection procedure should submit their proposals to the attention of Mr Iñigo Felgueroso Fernandez-San Julián (the contract manager), at the following email address: [compras@idonial.com](mailto:compras@idonial.com). Due to the declaration as void of the previous procedure, and for reasons of urgency, the deadline for submitting offers is reduced to five calendar days following the publication of this tender notice on the corporate website.

The supplier's proposal shall include all documents that allow verification of aspects related to the evaluation criteria. Particularly they will be sent a copy of ISO 9001 accredited quality system. Alternatively, an Idonial approved QA Program.

In addition to the information contained in the technical specifications, tenderers may contact the following address -[compras@idonial.com](mailto:compras@idonial.com)- for additional technical information.

## 7. AWARDING.


Having received the bids by the submission date indicated, the contracting Committee will proceed, within three (3) days and once the bids submitted by the tenderers have been accepted, to open and evaluate the documentation containing the financial proposal, as well as other assessable criteria.

Once the Committee has assessed the proposals, the result of the tender will be published on the Fundación IDONIAL corporate website.

## 8. CONDITIONS FOR CONTRACTING.

The entity that is selected must comply with current regulations on labour, Social Security and Occupational Safety and Risk, which will be accredited by means of the declaration of responsible Responsibility

Likewise, the successful bidder must submit, before the formalisation of the contract, a certificate proving that they are up to date with their tax and social security obligations if they are based in Spain.

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The winning entity must present a certificate of bank ownership issued by the entity, indicating the bank account number in which the contract price will be paid for the material purchased.

Said documentation must be submitted within a period not exceeding 7 days from the award. Failure to submit the documentation within the prescribed period may be determined as a dismissal by the successful bidder for the purposes of which may be considered as a derogation in his right, and the award may be agreed to the next bidder

## 9. EFFECT AND FORMALISATION OF THE CONTRACT.

The contract will take effect when it is formalised. The contract will be formalised when the contractor signs the award decision indicating acceptance.

Acceptance by the contractor of the contract award decision must take place no later than fifteen days after the successful bidder receives notification that they have been awarded the contract.

When, for reasons attributable to the successful bidder, the contractor does not accept the award decision by the deadline indicated, the contractor shall pay the amount of 3% of the base budget of the bid, excluding VAT, as a penalty.

## 10. WARRANTY PERIOD.

The warranty period shall be three years (maintenance free of charge), from the date of customer production acceptance, with proper usage.

The supplier will replace free of charge any component that becomes faulty during the warranty period (Supplier can reserve the right to charge in full at standard spare parts prices for any component which becomes faulty due to misuse). Faulty items will be returned to the supplier for inspection, repair or replacement.

## 11. PROTECTION OF PERSONAL DATA.

If the awarded contract involves the processing of personal data, the parties must fully comply with Regulation EU 2016/679 of the European Parliament and of the Council, of 27 April 2016, as well as with any data protection provisions that are in force at the time the contract is awarded or that come into force during its life.

## 12. INVESTMENT FINANCING

This purchase is financed by the Principality de Asturias Government, within the call of the Asturias Program of economic aid to Technological Centers in the Principality of Asturias during the period 2018-2020 with this number of record IDI/2018/000054