

**TECHNICAL BID PROFORMA**

Item Name: “LASER WELDING MACHINE”

**Bidder Eligibility Criteria:**

| 1.0 | Bidder Eligibility Criteria-I<br>(Public Procurement – Preference to Make in India)  | Class I /<br>Class II            | Local<br>Content<br>value  | Reference,<br>Page No.    |
|-----|--|----------------------------------|----------------------------|---------------------------|
| I   | Only 'Class-I local suppliers' and 'Class-II local suppliers', as defined under DIPP, MoCI Order No. P-45021/2/2017-PP (BE II) dated 16 <sup>th</sup> September 2020 and other subsequent orders issued therein.   |                                  |                            |                           |
| 2.0 | <b>Bidder Eligibility Criteria-I</b>   | <b>Complied/not<br/>complied</b> | <b>Reference<br/>pg no</b> | <b>Remarks if<br/>any</b> |
| 1   | The bidder/OEM should have supplied at least 5 similar items to IITs, NITs, IISERs, CSIR Labs or other Govt. R&D organizations in the last 5 years, PO copies or installation certificates along with contact details of end user need to be submitted as the proof of supply. IIT Madras reserves its right to verify the claims submitted by the bidder and the feedback from the previous customers will be part of technical evaluation. |                                  |                            |                           |
| 2   | Company should be registered in India for last 3 years. Proof of company registration should be enclosed.  |                                  |                            |                           |
| 3   | The bidder should have 25 lakhs annual turnover in any one of the last 3 Financial Year.   |                                  |                            |                           |

**3.0 Technical Compliance:**

| S.no                                   | Technical Specifications                  | Parameter               | Complied/not<br>complied | Reference pg<br>no |
|--|---|-------------------------|--------------------------|--------------------|
| 1                                      | Laser Power (kw)                          | 2 KW                    |                          |                    |
| 2                                      | Typical power constant at the rated power | +/-2 %                  |                          |                    |
| 3                                      | Conitnously adjustable power range        | 200 W- 2000W            |                          |                    |
| 4                                      | Beam quality                              | 2.1±0.3 mm 0.38±0.03 mm |                          |                    |
| 5                                      | Wavelength spectrum                       | 1073 nm-1077 nm         |                          |                    |
| 6                                      | Diameter of laser light cable             | 25µm/50µ                |                          |                    |
| 7                                      | Length of laser light cable               | 10m/20m                 |                          |                    |
| <b>Additional Terms and conditions</b> |   |                         |                          |                    |
| 8                                      | Warranty - 1 Year                         |                         |                          |                    |

(Note: It is mandatory for the bidders to provide the compliance statement in tabular column format along with catalogue page number (comply/not comply) for the above points with document proof as required. Failing which bidders will be technically disqualified)

**SIGNATURE OF BIDDER ALONG WITH  
SEAL OF THE COMPANY WITH DATE**