

**Proceedings of the pre-bid conference held on 7<sup>th</sup> February 2018 at NRL conference hall, CSIR-NAL, Bangalore for the purchase of “Laser Micromachining Facility for Ceramic Substrates”**

Tender No: NAL/PUR/SED/385/17-Z

Subject: Technical and commercial clarifications on queries for Pre-bid Conference

<b>Sl. No. of Tender Document</b>	<b>Existing Clause</b>	<b>Queries</b>	<b>Clarification</b>
Chapter 2 Clause 2.20 (c)  & Clause GCC 2.20.3	“Warranty shall remain valid for Thirty Six (36) months after the Goods.....  Warranty shall remain valid for Two Years (24 months).	Whether the warranty is for 24 months or 36 months?	The warranty is for 24 months after the acceptance of the goods in both the clauses.
GCC 2.13.1	The amount of the Performance Bank Guarantee (PBG) shall be 10% of the contract value (including taxes), to be submitted within 21 days from the date of PO valid up to 60 days after the date of completion of performance obligations including warranty obligations.	When the PBG should be submitted?	The PBG shall be submitted within 21 days of release of PO.
Chapter 4 Clause 4.3.3	The Supplier has to demonstrate the capability of the proposed machine by drilling holes of $\leq 40 \mu\text{m}$ entrance diameter and $8 \pm 2 \mu\text{m}$ exit diameter on $300 \mu\text{m}$ sintered yttria stabilized zirconia substrates to be provided by CSIR-NAL.	Whether the samples can be given before submitting the tender?	No. The samples will be handed over to the successful bidder before the pre-dispatch inspection.

Chapter 4 Clause 4.4	Pre-dispatch inspection	Whether CSIR-NAL will bear the expenses towards the pre-dispatch inspection?	No. The cost towards the pre-dispatch inspection should be included in the quote and will be considered for bid evaluation.
Chapter 4 Clause 4.1.10	Mandatory Accessories	Whether the cost of the mandatory accessories will be considered for bid evaluation?	Yes. The cost of UPS, Debris & Air Filter and Chiller will be considered for bid evaluation. Separate quote should be submitted for essential spares.
Chapter 2 Clause 2.20 (j)	Annual Maintenance Contract/Comprehensive Service Maintenance Contract beyond warranty shall be given in the offer.	Whether AMC cost will be taken in to consideration for the evaluation of the commercial bid?	No. AMC will be considered after the expiry of 24 months warranty.
Chapter 4 Clause 4.1.1.2	Pulsed Green Fiber Laser	Suggested other options like solid state green laser & UV laser instead of green laser.	The existing specifications in the Tender Document remain unaltered.
Chapter 4 Clause 4.1.4	Accuracy: $\pm 5 \mu\text{m}$ over 125 mm of travel	To relax the accuracy to $\pm 8 \mu\text{m}$	The specifications remain unaltered.
Chapter 4 Clause 4.1.5.3.3	Shared or individual camera	Whether two separate cameras are required?	No. Shared camera can be provided.
Chapter 4 Clause 4.1.8	On Target Power Meters	Is the power meter used for the source?	No. The power meter is used for measuring the laser power on the target .

**Note:** All the other terms and conditions of the Tender Document remain unaltered