PUNJAB ENGINEERING COLLEGE

(Deemed to be University), Sector 12, Chandigarh - 160012

ADDITIONAL TERMS & CONDITIONS (ATC)

GeM Bid — Supply of Portable Digital Eddy Current Flaw Detector

Department: Metallurgical & Materials Engineering Quantity

Required: 1 (One) Unit

Annexure A

Vice Chancellor,

Punjab Engineering College (Deemed to be University), Sector 12, Chandigarh-160012

Sir,

Subject: Undertaking for the participation in the bid No. _____

Dear Sir,

I/We ..... do hereby submit the above bid in prescribed formats duly completed in all respects in accordance with the conditions applicable. If this bid is accepted, I/We agree to abide by and fulfill all the terms and conditions in the bid documents.

I/We hereby distinctly and expressly declare and acknowledge that before the submission of this bid, I/We have carefully followed the instructions and I/We have understood the existing system of supply at the location(s) of purchaser including the scope and nature of duties expected from the Bidder.

I/We distinctly agree that I/We would hereafter make no claim or demand upon the purchaser based upon or arising out of any alleged misunderstanding or misconceptions or mistake on my/our part of the said stipulations, restrictions and conditions.

I/We declare that our unit has never made any default in supplying the Portable Eddy Current Flaw Detector/equipment to Government/Semi Government/Central or State Public sector enterprise(s) in terms of quality and financial agreed supply conditions.

I/We fully understand the terms and conditions in the bid documents.

I/We understand that the purchaser is not bound to accept any proposal that it may receive without assigning any reason.

Dated this.....day of 2026

Authorized Signatory

Seal:

Annexure B

Acceptance of Technical Specifications for the supply of Portable Digital Eddy Current Flaw Detector **— Department of Metallurgical & Materials Engineering**

FORMAT & REQUIREMENTS FOR SUBMITTING TECHNICAL BID

1. Bid Ref. No: .....
2. Name of Bidder: .....
3. Complete office address of Bidder: .....
4. Confirmation of acceptance of Technical Specifications for the supply of Portable Digital Eddy Current Flaw Detector. Bidders need to explicitly mention, deviations if any.

Sr. No.	Parameter	Technical Specification
1	Equipment	Portable Digital Eddy Current Flaw Detector
2	Inspection method	Conventional Eddy Current Testing (ECT)
3	Frequency range	5 Hz to 10 MHz
4	Frequency details	Preferably ≥2 frequencies simultaneously, adjustable
5	Gain	0-90 dB; 1 dB increments
6	Probe	Absolute and differential probes, 1 to 10 Volt adjustable
7	Sample measurement rate	30 kHz or better
8	Display	6 to 10 inch
9	Display View	Impedance, time-domain, A and C Scan
10	Filters	1. 5 Hz to 1000 Hz Low pass filter 2. 10 Hz to 2000 Hz High pass filter
11	Conductivity	Conductivity measurement, with probes between 30 - 60 kHz and 450-550 kHz; 0.5 to 60 MS/m
12	Coating thickness	Non-conductive coating up to 0.025 inches
13	Scanner	Compatibility with rotating/bolt-hole scanner preferred
14	Data recording	Internal recording of inspection signals and parameters
15	Data storage	Minimum 32 GB internal storage
16	Data transfer	USB digital interface
17	Battery	Rechargeable battery
18	Weight	Preferably ≤5 kg including battery
19	Phase	0 to 360 °
20	Operating temperature	0°C to +50°C
21	ECA	Upgradable to Eddy Current Array
22	PC-interface	Data storage, review and report generation
23	Calibration	Using standard calibration blocks
24	Test Standards	Meets ISO 17643 , ISO 15549 as well as applicable for castings
25	Accessories	Suitable probes, cables, calibration/reference standards for Mg, Steel, Ti, Al, Ni materials testing, battery with charger and carrying case including: 1. Right angle metal shaft surface probe, 6 inch length with 0.5

Sr. No.	Parameter	Technical Specification
		inch (12.7mm) drop at tip, frequency 100kHz -500kHz, 2. Cable, 6 foot length, Power Link Bridge/Reflection Cable for probes 3. Surface reference standard with certificate traceable to NIST. Aluminum with notch depths of 0.008, 0.020 and 0.040 inches 4. Forty-five degree angle metal shaft surface probe, 10 inch (25.4cm) overall length with 0.5 inch (12.7mm) drop and 0.094 (2.3mm) diameter at tip frequency 1 MHz -6 MHz 5. Sliding probe 1.5 inch long X 0.80 inch wide X 1.19 inch tall. frequency 1kHz - 100kHz 6. Straight metal shaft surface probe, 12 inch (30.4cm) overall length. Operating frequency 50kHz - 500kHz 7. Cable, 6 foot length, Bridge coil configuration 8. Standard certified reference materials and 5 standard test samples
26	Documentation	User manual, calibration documentation and manufacturer technical datasheet

General Requirements

1. The supplier shall provide pre-installation requirements, including space requirements, electrical requirements and other site preparation details, immediately after placement of the purchase order.
2. The equipment shall be supplied complete with all accessories required for satisfactory installation, operation and maintenance.
3. Installation, commissioning, performance demonstration and user training shall be carried out at the purchaser site.
4. Operation and maintenance manual, instruction leaflet, electrical circuit diagram and service documentation shall be supplied in English.
5. The equipment shall have a compact floor-standing or bench-top design suitable for laboratory installation.
6. **Warranty**: Minimum one year from the date of successful installation and acceptance.

5 PAN of bidder (self-attested copy to be enclosed): .....

6. GST registration number of bidder (self-attested copy to be enclosed): .....

7. Details of address with contact details from where the bidder plans to offer After Sales Services during the Warranty & after warranty Maintenance period: .....

Authorized Signatory

Seal:

Annexure C

Make-In-India Certificate: The Bidder is required to submit the Make in India Certificate issued by the OEM of the product.

Make in India Certificate

In line with Government Public Procurement (Preference to Make in India), Order 2017, P-45021/2/2017-PP (BE-II) dated 16.09.2020 and subsequent clarification No P-45021/102/2019-BE-II-Part(1) (E-50310) dated 04.03.2021, we hereby certify that we M/s _____ are local supplier meeting the requirement of minimum local content _____ (in %) as defined in above order for the material against Bid No. _____.

We also understand, false declarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151(iii) of the General Financial Rules along with such other actions as may be permissible under law. The above declaration does not include services such as transportation, insurance, installation, commissioning, training and after sales service support like AMC/CMC etc. as local value addition.

(Seal & Signatures)

Annexure D

Declaration of not being Black Listed as per the specimen on Company letter head

Declaration

I/We/M/s _____ registered Company/Ltd. Company etc. as per Registration No. _____ Certificate No. _____ issued by _____ having registered office at _____ and manufacturing/supply base at _____ do hereby declare and solemnly affirm that I/We have not been Black-listed, nor mine/our Bids have ever been cancelled by any State/UT/Central Government or any partner or shareholder either directly or indirectly connected with or has any subsisting interest in the business of my/our firm nor any legal proceedings have ever been initiated/pending or any penalty has ever been levied due to delay of non-completion of work/service/supply order by any State/UT/Central Government or by any authority.

Place:

Dated: **AUTHORIZED SIGNATORY**

Note: The affidavit should be issued after publication of bid duly attested through Notary/Magistrate