PUNJAB ENGINEERING COLLEGE

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

ADDITIONAL TERMS & CONDITIONS (ATC)

GeM Bid — Supply of Portable Digital Ultrasonic Flaw Detector

Department: Metallurgical & Materials Engineering Quantity

Required: 1 (One) Unit

1. Technical Specifications

2. Terms & Conditions

1. TECHNICAL SPECIFICATIONS

Portable Digital Ultrasonic Flaw Detector — Qualifying Minimum Requirements

Item: Portable Digital Ultrasonic Flaw Detector Quantity Required: 1 (One) unit. Indenting Department: Metallurgical & Materials Engineering. Bidders must confirm compliance against each of the parameters listed below. Compliance (Yes/No) and any deviation must be indicated in the Technical Compliance Sheet at Annexure B, not in this table.

Sl. No.	Features	Qualifying Minimum Requirements
1	Equipment type	Portable Digital Ultrasonic Flaw Detector (UT)
2	Intended application	Inspection of welds, forgings, castings, plates, pipes, aerospace and industrial components.
3	Display	5 to 10 inch color digital.
4	Frequency range	0.2–20 MHz.
5	Pulser	100–400 Volt.
6	Pulse Repetition Frequency	10 Hz – 1 kHz.
7	Gain	≥ 100 dB incremental in steps.
8	Receiver Bandwidth	0.5–20 MHz or better.
9	Measurement range	0–1000 mm (steel equivalent).
10	Resolution	≤ 0.1 mm.
11	Gates	Minimum 2.
12	Operating mode	Distance Amplitude Correction (DAC), Time-Corrected Gain (TCG), Distance-Gain-Size (DGS), Pulse Echo.
13	Calibration	Automatic as well as manual probe-zero and material-velocity calibration.
14	Scanning	A scan and B Scan.
15	Memory	10,000 A-scan storage with USB export.
16	Power options	220 V, 50 Hz AC as well as replaceable and rechargeable battery operated.
17	Software	Standard software to include: A-scan display, dynamic DAC and TCG, Automatic Weld acceptance calculation (AWS), echo-to-echo thickness measurement, Automatic Echo tracking, data logger. PC-based data management including downloading inspection data, reviewing measurements, exporting measurements and calibration data to spreadsheet, backing up calibration and inspection data from the instrument, and screen captures.
18	Operating temperature	0°C to +50°C.
19	Probe connections	Minimum 2.
20	Essential Accessories	Probes: at least one of each type: (1) 0°, 45°, 60° and 70° or application-equivalent; (2) dual-element/differential probes; (3) Time-of-Flight Diffraction (TOFD) probes; (4) probe frequencies: 0.2, 0.5, 1, 2, 3, 4, 5, 10, 15 and 20 MHz. Calibration blocks for all probe

		types (universal block). Field accessories including charger, batteries, cables, carrying case and accessories; rechargeable battery; transport case; RS232 communication cable; digital output cable; VGA output cable.
21	Standards	Support for applicable ISO 22232-1 procedures.
22	Software licensing	All mandatory functions shall be licensed.
23	Documentation	OEM manuals, calibration certificates and probe datasheets.

TERMS AND CONDITIONS

The following terms and conditions apply to this GeM Bid for the supply of Portable Digital Ultrasonic Flaw Detectors and must be complied with by all bidders.

1. The bidder can be an Original Equipment Manufacturer (OEM) or an Authorized Distributor of the OEM, or an Authorized Dealer of the OEM. Bid-specific OEM authorization or valid OEM channel authorization confirming warranty and support for this bid must be furnished. Wherever an Authorized Distributor/service provider submits the bid, a Bid Specific Authorization Form/Certificate with OEM/Original Service Provider details (name, designation, address, e-mail Id, phone no.) is required to be furnished along with the bid.
2. The Original Equipment Manufacturer shall possess valid ISO 9001/ISO 14001/ISO 27001 certificate, as applicable, issued by an accredited certification body and shall be submitted with the Technical Bid.
3. The OEM of the offered product must have been regularly manufacturing the same or similar products for at least the last 3 years prior to the bid end date, and must have presence in India for more than 3 years in the manufacturing of the same or similar products. The bidder is required to submit supporting proof/documents (including PO copies) along with the technical bid.
4. The portable digital ultrasonic flaw detector and its supplied accessories shall be a genuine OEM-supported offering, with model/serial number verifiable through OEM documentation or the OEM website. The equipment shall be brand-new and unused; refurbished equipment shall not be accepted.
5. The offered model shall be listed on the OEM website or supported by an OEM-published datasheet/catalogue, available on the OEM's public website for verification of technical specifications.
6. The OEM website must have an online facility/tool to check product technical specifications, configuration, and warranty details using the unique product serial number, service tag, or part number of the delivered machines. The link for the same must be provided in the Technical Bid.

7. The bidder/OEM shall provide an on-site comprehensive warranty for the Portable Digital Ultrasonic Flaw Detector for at least the period specified in the Technical Specifications, from the date of successful installation/commissioning at the designated location, including the power supply. This warranty shall cover every part of the computers, including parts with limited life. The purchaser shall not be liable to pay any extra charges during the warranty period. If any part or parts fail or prove defective within the specified on-site warranty period due to defects in design, material, or workmanship, the bidder shall replace them at the place of installation at no additional cost.

8. The offered product shall comply with BIS marking requirements as applicable, and Make in India / MSE provisions as specified in the Technical Specifications, in accordance with the Public Procurement (Preference to Make in India) Order 2017 and applicable GeM guidelines.

9. The Purchaser may amend the Bidding Documents by issuing an addendum or corrigendum. Prospective bidders are advised to regularly check the website for any updates related to this bid.

10. To assist in the examination, evaluation, and comparison of bids, as well as in the qualification of bidders, the Purchaser may, at its discretion, request any Bidder to provide clarification of its Bid. Any clarification submitted by a Bidder that is not in response to a request from the Purchaser shall not be considered. If the Bidder fails to provide the requested clarifications by the date and time specified in the Purchaser's request, its bid may be rejected.

11. The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to the issuance of the supply order, without incurring any liability to the bidders. In the event of annulment, all bids submitted, including bid documents and EMD deposits, shall be promptly returned to the bidders. Scanned proof shall be uploaded with the bid. Original EMD (banker's cheque/Demand Draft), wherever applicable, shall be submitted within 5 days for verification as per GeM/GFR provisions.

12. It is the responsibility of the bidder to supply brand-new, factory-sealed, OEM-supported systems. Installation, commissioning, and related activities must be carried out by the OEM, an OEM-certified resource, or an OEM-authorized reseller.

13. The bidder shall be responsible for supplying the equipment with all software functions specified in the technical specifications duly licensed. The bidder shall provide evidence of the software licensing and functionality.

14. The product offered by the bidder shall not be nearing its end-of-life. The bidder is required to submit an undertaking from the OEM/Bidder stating that necessary support will be available for at least two years after the end of the warranty period.

15. The bidder and OEM shall not have been blacklisted by any Government/PSU/institution/listed company, etc., in the last 3 years. An undertaking on letterhead, not older than the bid publish date, shall be uploaded with the Technical Bid as per the format at Annexure D.

16. The Make in India Certificate, wherever applicable as per the Technical Specifications, issued by the OEM must be submitted as per the format at Annexure C.

17. The bidder is required to submit the undertaking/s on company letter head along with the technical bid as per the formats enclosed at Annexure A to Annexure D.

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 Digital Ultrasonic 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 Ultrasonic Flaw Detectors (Type 1, Qty. 2) **— 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 Ultrasonic Flaw Detectors:

Sl. No.	Features	Qualifying Minimum Requirements	Acceptance (Yes/No)	Deviation (if any)
1	Equipment type	Portable Digital Ultrasonic Flaw Detector (UT)		
2	Intended application	Inspection of welds, forgings, castings, plates, pipes, aerospace and industrial components.		
3	Display	5 to 10 inch color digital.		
4	Frequency range	0.2–20 MHz.		
5	Pulser	100–400 Volt.		
6	Pulse Repetition Frequency	10 Hz – 1 kHz.		
7	Gain	≥ 100 dB incremental in steps.		
8	Receiver Bandwidth	0.5–20 MHz or better.		
9	Measurement range	0–1000 mm (steel equivalent).		
10	Resolution	≤ 0.1 mm.		
11	Gates	Minimum 2.		
12	Operating mode	Distance Amplitude Correction (DAC), Time-Corrected Gain (TCG), Distance-Gain-Size (DGS), Pulse Echo.		
13	Calibration	Automatic as well as manual probe-zero and material-velocity calibration.		
14	Scanning	A scan and B Scan.		
15	Memory	10,000 A-scan storage with USB export.		
16	Power options	220 V, 50 Hz AC as well as replaceable and rechargeable battery operated.		
17	Software	Standard software to include: A-scan display, dynamic DAC and TCG, Automatic Weld acceptance calculation (AWS), echo-to-echo thickness measurement, Automatic Echo tracking, data logger. PC-based data		

		management including downloading inspection data, reviewing measurements, exporting measurements and calibration data to spreadsheet, backing up calibration and inspection data from the instrument, and screen captures.		
18	Operating temperature	0°C to +50°C.		
19	Probe connections	Minimum 2.		
20	Essential Accessories	Probes: at least one of each type: (1) 0°, 45°, 60° and 70° or application-equivalent; (2) dual-element/differential probes; (3) Time-of-Flight Diffraction (TOFD) probes; (4) probe frequencies: 0.2, 0.5, 1, 2, 3, 4, 5, 10, 15 and 20 MHz. Calibration blocks for all probe types (universal block). Field accessories including charger, batteries, cables, carrying case and accessories; rechargeable battery; transport case; RS232 communication cable; digital output cable; VGA output cable.		
21	Standards	Support for applicable ISO 22232-1 procedures.		
22	Software licensing	All mandatory functions shall be licensed.		
23	Documentation	OEM manuals, calibration certificates and probe datasheets.		

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