

Annexure-B

Technical specification of Ultrasonic flaw detector

Description :

Digital Portable Ultrasonic flaw detector with large TFT colour LCD for testing Indian railways Axle & other components conforming to RDSO Specification No. M&C/NDT/125/2004. The equipment shall have robust, light weight, clear visibility even in direct sun- light, the minimum calibration set storage capacity shall be 50, A-Scan storage capacity 150 frame minimum, Gated Signal Expansion arrangement and freeze facility. The equipment shall have suitable port for down loading the complete data set to personal computer or to dot matrix printer.

Rev-1
03/11/14

Standard accessories:

- a) 14.4 Volts/4AH Li-ion Rechargeable battery pack. - 01 No.
- b) Battery charger cum mains power pack with charge status indicator & Power cord. - 01 No.
- c) Probe cable, 2 meter long RG-58 co-axial cable, fitted with BNC plug on both sides. - 01 No.
- d) 2.5 MHz. frequency, 20 mm element size, with BNC socket on top, aluminium casing. - 01 No.
- e) Special leather protective case with shoulder sling - 01 No.
- f) Plastic moulded foam fitted carrying case with numerical lock for storage and transportation of complete kit- 01 No.
- g) Transfer software on CD- Rom.
- h) Data cord to interface with PC.
- i) Data cord to interface with Printer.
- j) Illustrated Instruction (Operation) Manual in English - 01 No.

Additional Accessories with Ultrasonic Flaw Detector -

- 1. Normal single crystal Probes - Frequency (MHz)-
 - a) 2.5(MHz) - 20 mm dia. -20 Nos.
 - b) 2.5(MHz) - 25 mm dia. -10 Nos.
- 2. Low angle wedge Attachment - Low angle 15° 25 mm dia. - 05 Nos.
- 3. 14.4 Volts/4AH Li-ion Rechargeable battery pack. - 01 No.
- 4. Battery charger cum mains power pack with charge status indicator & Power cord. - 01 No.

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Annexure-II

To be submitted by the firm along with offer.

Tender specification as per Annexure-I	Specification quoted by the firm	Deviation if any with clarification

Signature of firm's