

**Government of India  
Ministry of Railways  
Research Designs & Standards Organisation (RDSO)  
Manak Nagar, Lucknow (INDIA) – 226011**

**GLOBAL NOTICE**

**(Notification No. CT/USFD/EOI dated 23.01.2025)  
for  
‘EXPRESSION OF INTEREST (Open ended)’**

Ministry of Railways, Research Designs and Standards Organisation (RDSO), Lucknow, INDIA is inviting the proposal from the firms for the work as detailed below:

<b>Name of Work</b>	<b>Contact Person</b>
Identifying & developing multiple OEMs/Authorized Service providers for testing of Rails and Welds through outsourcing using Rail Cum Road Vehicle (RCRV) based ultrasonic testing system	Shri Santosh Director/Track-V Track Design Directorate Email-welding.usfd@gmail.com

The EOI is only for identification & verification of eligible OEMs/Authorized Service providers willing for ultrasonic testing of Rails and Welds using Rail Cum Road Vehicle (RCRV) based ultrasonic testing system on Indian Railways network, under prevailing and envisaged operating conditions, through outsourcing and not for its procurement.

Authorized Service providers imply a firm which is using Rail Cum Road Vehicle (RCRV) based ultrasonic system (i.e. concerned machine/hardware/software/manpower etc.) duly authorized by the concerned OEM for testing of rails/welds through outsourcing.

The term “firm” means an OEM or its authorized service providers.

The firms, who have required experience and capabilities in the above fields, having necessary accreditation for such work and are interested in the carrying out above work, are requested to see the Technical specifications of Indian Railways technical requirements as described in **Annexure-C**.

In case of any clarification/difficulty, the firm may contact the concerned Director of Track Design Directorate on any working day, whose contact details are indicated above.

The interested firms may submit their willingness for undertaking the above work in prescribed format attached herewith.

The firms are requested to submit the proposal and requisite details in the prescribed format to Director/Track-V, Track Design Directorate, Anusandhan Bhawan, Manak Nagar, Lucknow-226011 (INDIA) directly or on mail id- **welding.usfd@gmail.com**

**Director/Track-V,  
For Director General (Track)  
RDSO, Lucknow**

**Instructions/Guidelines for the firms submitting proposals against this 'Expression of Interest' (EOI)**

**1. DISCLAIMER:**

Indian Railways reserves the right to not proceed with the process or to change the process at a later stage as per the requirements of Indian Railways. It also reserves the right to decline to discuss the process further with any party submitting the proposal.

This EOI shall not be considered in any way a proposal for procurement of Rail Cum Road Vehicle (RCRV) based ultrasonic system but only for identification & verification of eligible OEMs/Authorized Service providers willing for Ultrasonic testing of Rails and Welds in Indian Railways, through outsourcing using Rail Cum Road Vehicle (RCRV) based ultrasonic system.

The proposal submitted should satisfy the Technical specifications described in **Annexure-C**.

The intending participants will furnish proposals at their own cost and no claims, whatsoever; in this reference, will be entertained by the Indian Railways.

**2.PURPOSE OF INVITING EOI:**

The purpose of this EOI is to enhance the capability of Ultrasonic testing of Rails & Welds in Indian Railways, using Rail Cum Road Vehicle (RCRV) based ultrasonic system through outsourcing model.

With the above objective, Indian Railways seeks to establish a system of multiple capable vendors for Rail Cum Road Vehicle (RCRV) based ultrasonic system, duly meeting the prescribed technical specifications requirements for their possible use on the Indian Railway network.

**3.GENERAL INSTRUCTIONS FOR SUBMITTING PROPOSALS TO THE EOI:**

**3.1. Eligibility criteria:**

- 3.1.1.** Rail Cum Road Vehicle (RCRV) based ultrasonic testing system offered by the OEMs/Authorized Service providers should meet the laid down requirements of Technical specifications as described in **Annexure-C**.
- 3.1.2.** Rail Cum Road Vehicle (RCRV) based ultrasonic testing system proposals not meeting the above laid down requirements shall be summarily rejected without further consideration.
- 3.2.** The offered Rail Cum Road Vehicle (RCRV) based ultrasonic testing system should be a proven product/system, and the firm shall provide the details of testing and its performance for the previous three years and current ongoing year on any of the World Railway in the following format.

<b>Year</b>	<b>Name of the Railway where Rail Cum Road Vehicle (RCRV) based ultrasonic system working</b>	<b>Number of track kilometer of Railway Track have been tested by Rail Cum Road Vehicle (RCRV) based ultrasonic system</b>	<b>Performance of Rail Cum Road Vehicle (RCRV) based ultrasonic system *</b>
2021-22			
2022-23			
2023-24			
2024-25 (till current month)			

**Above details regarding work experience should be duly certified by the competent /authorized officials of the concerned/respective Railway network.**

\*Performance of Rail Cum Road Vehicle (RCRV) based ultrasonic testing system can be attached as separate documents while submitting the EOI proposal. The firm may furnish other documents such as lab reports, field reports etc. detailing features /capabilities of their systems.

- 3.3. Technical details to be provided by the firm:** Technical details, as per the Technical Specifications given in **Annexure-C**, shall be submitted by the firm along with their proposals. Incomplete proposals shall be summarily rejected.
- 3.4.** The details submitted by the firm shall be scrutinized by RDSO. The deficiencies, as observed in the proposal during technical scrutiny or additional information needed as considered necessary, will be advised to the firm. The additional information should be made available by the firm within four weeks of intimation. Letters will be issued to the firms on the firm's e-mail as advised by them in their submitted proposal.
- 3.5. Submission by firms:** The firm shall ensure the submission in the format given in **Annexure- B**.
- 3.6.** The submission by the firms shall be made to Director/Track-V, RDSO, Track Design Directorate, Anusandhan Bhawan, Manak Nagar, Lucknow (INDIA) - 226011 in the enclosed Format for "Letter of Response at **Annexure B**". In the proposal submitted, the firms should mention RDSO's Notice No. CT/USFD/EOI dated 23.01.2025
- 3.7.** The firms must furnish the application form and details in duplicate as required in the enclosed Format for "Letter of Response" at **Annexure-B** and details stipulated in **Annexure-C**. All pages of the documents should be signed with the firm's stamp.
- 3.8.** The firm shall legally indemnify the Ministry of Railways against any possible claims/legal/other disputes at present or which may arise in future from any other party

in connection with the intellectual property rights of the design or any other documents submitted by the firm or any other patent rights.

- 3.9.** RDSO reserves all the rights of this exercise. In case of any doubt/dispute, the decision of RDSO shall be final.

**4. SELECTION CRITERIA:**

The firms meeting the eligibility criteria will be shortlisted by RDSO for undertaking the demonstration and benchmarking of their machine i.e. Rail Cum Road Vehicle (RCRV) based ultrasonic system, broadly based on the following criteria:

<b>SN</b>	<b>Item</b>
1	Technical suitability of proposed Rail Cum Road Vehicle (RCRV) based ultrasonic testing system as per Technical Specifications given in <b>Annexure-C</b> and also detailed in Para 3.0 above
2	Experience and expertise in the field of Rail Cum Road Vehicle (RCRV) based ultrasonic testing of Rails and Welds
3	Performance of the Rail Cum Road Vehicle (RCRV) based ultrasonic testing system for the previous three years and current ongoing year.

Benchmarking of offered Rail Cum Road Vehicle (RCRV) based ultrasonic testing system will be done as per the procedure defined in IRS T-52, as referred & linked in annexure C below.

**Director/Track-V,  
For Director General (Track)  
RDSO, Lucknow**

**FORMAT FOR LETTER OF RESPONSE****Respondents Ref No.:****Date:**

Director/Track-V  
Room No: 7  
Building: Anusandhan Bhawan,  
Research Designs & Standards Organisation (RDSO)  
Ministry of Railways, Manak Nagar  
Lucknow (INDIA), Pin - 226011

**Dear Sir,****Subject: RESPONSE TO EOI FOR PARTICIPATION -----**

1. We, the undersigned, offer the following information in response to the 'Expression of Interest' sought by you vide your Notification No. CT/USFD/EOI dated 23.01.2025.
2. We are duly authorized to represent and act on behalf of \_\_\_\_\_  
(hereinafter the "respondent")
3. We have examined and have no reservations to the EOI Document including Addenda No(s)\_\_\_\_\_.
4. We are attaching with this letter, the copies of original documents defining: -
  - 4.1. The Respondent's legal status;
  - 4.2. Its principal place of business;
  - 4.3. Its place of incorporation (if respondents are corporations); or its place of registration (if respondents are cooperative institutions, partnerships or individually owned firms);
  - 4.4. Self certified financial statements of the last three years, clearly indicating the financial turnover and net worth.
  - 4.5. Copies of any market research, business studies, feasibility reports and the like sponsored by the respondent, relevant to the project under consideration.
5. We shall assist the Ministry of Railways (MoR) and/or its authorized representatives to obtain further clarification from us, if needed.
- 5.1. RDSO and/or its authorized representatives may contact the following nodal persons for further information on any aspects of the Response:

S.No.	Contact Name	Address	Mobile/ Telephone	E-Mail

**6. This application is made in the full understanding that:**

- 6.1. The EOI is only for identification & verification of eligible OEMs/Authorized Service providers willing for Ultrasonic testing of Rails & Welds in Indian Railways, through Rail Cum Road Vehicle (RCRV) based ultrasonic testing system under prevailing and envisaged operating conditions through outsourcing and not for its procurement.
- 6.2. RDSO reserves the right to consider or not to consider any or all applications, cancel the EOI without any obligation to inform the respondent about the grounds of the same.

- 6.3.** We confirm that we are interested in participating in development of the project
- 7.** In response to the EOI, we hereby submit the following details annexed to this application –
- 7.1.** Details of customer(s)/Railways where ultrasonic testing of Rails & Welds done by the firm using Rail Cum Road Vehicle (RCRV) based ultrasonic system, for the previous three years and current ongoing year.
  - 7.2.** Details of manpower with their qualification, experience & expertise for the Rail Cum Road Vehicle (RCRV) based ultrasonic system.
  - 7.3.** Details of testing and performance, as detailed in Para 3.2 of **Annexure-A**.
  - 7.4.** Complete details of the Rail Cum Road Vehicle (RCRV) based ultrasonic system as per **Annexure-C** of this EOI.
  - 7.5.** Details of Intellectual Property Rights (IPR) held, patent filed/held and MoU/agreement signed. For all issues, relevant Indian Laws will be applicable.
  - 7.6.** Details of ISO/equivalent certification, if any.
  - 7.7.** The work experience is duly certified by the competent/authorized officials of the concerned Railway network.
  - 7.8.** Undertaking as per **Annexure-D**
- 8.** The undersigned declare that the statements made, and the information provided in the duly completed application, are complete, true, and correct in every detail. We also understand that in the event of any information furnished by us being found later on to be incorrect or any material information having been suppressed, RDSO may delete our name from the list of qualified Respondents. We further understand that RDSO will give first preference to the applicants considered relevant for the purpose

Yours sincerely,  
(Signature)

NAME:

In the Capacity of duly authorized to sign the  
response for and on behalf of

Date:

**ANNEXURE -C**

<b>SN</b>	<b>Manual/Specification/ Correction Slip Name</b>	<b>Link for downloading</b>
1	Indian Railway Standard Specification for Ultrasonic Testing of Rails / Welds using Vehicular Systems, Revised-2020 (Document No. <b>IRS-T-52</b> )	<a href="https://rdso.indianrailways.gov.in/uploads/files/Indian%20Railway%20Standard%20Specification%20for%20Ultrasonic%20Testing%20of%20Rails%20Welds%20using%20Vehicular%20Systems%20Revised%20-%202020.pdf">https://rdso.indianrailways.gov.in/uploads/files/Indian%20Railway%20Standard%20Specification%20for%20Ultrasonic%20Testing%20of%20Rails%20Welds%20using%20Vehicular%20Systems%20Revised%20-%202020.pdf</a>
1a	Addendum & Correction slip no. 1 of 2024 of 'Indian Railway Standard Specification for Ultrasonic Testing of Rails/Welds using Vehicular System, Revised -2020	<a href="https://rdso.indianrailways.gov.in/uploads/Note%20to%20ADE%20TMS%20for%20uploading%20ACS%20on%20RDSO%20website-2-9.pdf">https://rdso.indianrailways.gov.in/uploads/Note%20to%20ADE%20TMS%20for%20uploading%20ACS%20on%20RDSO%20website-2-9.pdf</a>
2	Manual for Ultrasonic testing of Rails and Welds Revised-2022	<a href="https://rdso.indianrailways.gov.in/uploads/files/Manual%20for%20Ultrasonic%20testing%20of%20Rails%20and%20Welds%20Revised-2022.pdf">https://rdso.indianrailways.gov.in/uploads/files/Manual%20for%20Ultrasonic%20testing%20of%20Rails%20and%20Welds%20Revised-2022.pdf</a>
2a	ACS 01 of 2023 of Manual for Ultrasonic testing of Rails and Welds Revised-2022	<a href="https://rdso.indianrailways.gov.in/uploads/A%20%26%20C%20Slip%20no%201%20of%20May%202023.pdf">https://rdso.indianrailways.gov.in/uploads/A%20%26%20C%20Slip%20no%201%20of%20May%202023.pdf</a>
3	Indian Railway Standard Specification for Ultrasonic Testing of Rails / Welds, Revised - 2020 (Document No. <b>IRS-T-53</b> )	<a href="https://rdso.indianrailways.gov.in/uploads/files/IRS-T-53%20%20SPECIFICATION.pdf">https://rdso.indianrailways.gov.in/uploads/files/IRS-T-53%20%20SPECIFICATION.pdf</a>
3a	ACS 01 of 2022 of Indian Railway Standard Specification for Ultrasonic Testing of Rails / Welds, Revised - 2020	<a href="https://rdso.indianrailways.gov.in/uploads/files/ACS%201%20of%20IRS-T-53.pdf">https://rdso.indianrailways.gov.in/uploads/files/ACS%201%20of%20IRS-T-53.pdf</a>
4	Chapter IV (D), Rolling Stock (Track Machines) of Indian Railways Schedule of Dimensions 1676 mm Gauge (BG)-(along with ACS 01 to 04)	<a href="https://indianrailways.gov.in/railwayboard/view_section.jsp?lang=0&amp;id=0,1,304,366,526,2740,2741">https://indianrailways.gov.in/railwayboard/view_section.jsp?lang=0&amp;id=0,1,304,366,526,2740,2741</a>

(To be submitted on non-judicial stamp paper of Rs 100 and duly notarised & witnessed)

**UNDERTAKING**

I, son of ..... aged about ..... Years resident of ..... do hereby solemnly affirm as under

**1.** That the deponent is the Authorised signatory of (*Name of the Sole Proprietorship Concern/ Partnership Firm/ Registered Company/ Joint Venture*).

**2.** That the deponent declares on behalf of (*Name of the Sole Proprietorship Concern/ Partnership Firm/ Registered Company/ Joint Venture*) that:

**a)** In regard to matters relating to the security and integrity of the country, no charge sheet has been filed by an agency of the Government / conviction by a Court of Law for an offense committed by the -----(name of the entity) or by any sister concern of the -- -----(name of the entity ) would result in disqualification.

**b)** In regard to matters other than the security and integrity of the country, -----(name of the entity) has not been convicted by a Court of Law or indicted / passed any adverse order by a regulatory authority against it or it's any sister concern which relates to a grave offense, or would constitute disqualification. Grave offense is defined to be of such a nature that it outrages the moral sense of the community.

**DEPONENT**

**VERIFICATION**

I declare that the contents of para 1 to 2 above are true as per my knowledge and nothing has been hidden

**DEPONENT**