

**GOVERNMENT OF INDIA: MINISTRY OF RAILWAYS  
RESEARCH DESIGNS & STANDARDS  
ORGANISATION MINISTRY OF RAILWAYS  
MANAK NAGAR, LUCKNOW – 226 011.  
(S&T Directorate)**

**EXPRESSION OF INTEREST**

**Invitation for Presentation: Development of AI-Based Chatbot for integration of technical documents of Kavach System (Indian Railways Automatic Train Protection System)**

We are pleased to invite your esteemed firm to participate in the development of an **AI-based chatbot** designed to integrate technical documents of Kavach System like FRS, SRS etc and enhance user interactions and support within the Kavach system.

**Event Details:**

- **Date:** The information will be communicated after the last date of submission.
- **Time:** Full day (10 :00 AM till 5:00 PM)
- **Location:** RDSO, Lucknow

**Objective:** The objective of this presentation is to evaluate the expertise and approaches of interested firms in developing an AI-based chatbot tailored for the Kavach system. Your presentation should address the following aspects:

- Your understanding of the Kavach system and how the chatbot will be integrated to support its users.
- Your approach to developing a scalable, efficient, and user-friendly AI-based chatbot.
- Demonstrations or examples of similar chatbots you have developed.
- Your proposed technology stack, development timeline, key deliverables, and cost estimation.

**Documentation:** To assist in your preparation, we have enclosed a draft functional requirement document that outlines the key features and functionalities expected from the AI-based chatbot for the Kavach system. This document serves as a guideline to align your proposal with our specific needs.

**Pre-Event Submission:** Please submit the following along with your confirmation of participation

- A detailed company profile, including your experience in AI and chatbot development.
- Information on similar projects you have undertaken, highlighting your expertise in developing AI-based chatbots.
- A copy of the presentation for the item mentioned above.

**Selection Process:** The selection of the development partner will be based on the relevance of your experience, the quality of your proposed solution, and your ability to meet our project requirements.

**Confirmation:** Kindly confirm your participation by **October 21, 2024**. Please send your confirmation along with asked details and any preliminary questions to **tcasphase2@gmail.com**.

We look forward to your participation and a fruitful collaboration.

**(Madhup Mohan Srivastava)**  
**Director Sig-IV**  
**For Director General (S&T)**