

## ANNEXURE B

### SPECIFICATION/SCOPE OF WORK

The purpose of this tender is to invite qualified training providers to submit proposals for the diesel locomotive brake course training in accordance with the Railway Safety Regulator which is non unit standard based.

#### Skills Rationale

There is a critical need to build practical skills in the safe operation and maintenance of diesel locomotive braking systems. This course is designed to address workplace safety challenges by equipping learners with hands-on knowledge of brake system components, inspection procedures, and fault identification. While not aligned to a formal unit standard, the training supports broader safety and operational competencies essential in rail environments. Learners will gain a working understanding of relevant safety protocols, risk awareness, and compliance with applicable railway regulations. The programme emphasizes real-world application to ensure that participants can confidently perform brake system checks, respond to faults, and contribute to safer rail operations.

#### Scope of Work

The purpose of this RFQ is to engage a qualified service provider to deliver non unit standard based training focused on the safe inspection, operation, and fault identification of diesel locomotive brake systems. The training is intended for a targeted group of participants, and should be delivered over a period of up to 3 days or more, depending on the depth of practical engagement.

The selected provider will be expected to deliver a **comprehensive, hands-on training programme** that covers the following key focus areas:

1. Explain applicable railway safety regulations and operational requirements related to brake systems.
2. Plan and prepare for brake system inspections, including safety checks and documentation.
3. Conduct practical inspections to identify faults, wear, and non-compliance in brake components.
4. Compile and communicate inspection findings, including recommendations for corrective actions.

Training should emphasize real world application, risk awareness, and compliance with railway operational standards, ensuring trainees/ participants are equipped to contribute to safer and more efficient locomotive operations.

### **Training Objectives**

The training is designed to equip participants with the practical skills and operational knowledge required to ensure the safe inspection and handling of diesel locomotive brake systems. By the end of the course, learners should be able to:

1. Explain the key safety regulations and operational guidelines relevant to diesel locomotive brake systems.
2. Plan and prepare for brake system inspections, including identifying critical components and safety risks.
3. Conduct thorough inspections to detect faults, wear, and non-compliance in brake system components.
4. Accurately report inspection findings and recommend corrective actions to ensure safe locomotive operation.

### **Target Audience**

This training is intended for employees involved in the operation, inspection, or maintenance of diesel locomotives, particularly those who are new to brake system safety procedures. The identified group of learners **will be attending this course for the first time**, with no prior experience in brake system inspections or railway emergency response. This is not a refresher course, but an introductory, hands on training designed to build foundational competence in locomotive brake safety.

### **Duration and Delivery Method**

- Duration: The training program should be designed to be completed within a reasonable timeframe to be determined by training provider.
- Delivery Method: The training should include a combination of theoretical instruction and practical hands-on training. Theoretical sessions can be conducted in a classroom setting, while practical sessions should be conducted in a controlled environment with access to diesel locomotive brake course training and relevant materials.

**Accreditation and Certification**

Upon successful completion of the training, learners will receive a certificate of competence in diesel locomotive brake system safety. This certificate will confirm that participants have demonstrated the required practical understanding and operational capability to inspect, identify faults, and report on diesel locomotive brake systems in line with industry safety practices and internal standards. While the course is not aligned to unit standard, it is designed to meet the operational safety needs of the rail sector.

Proposals will be evaluated based on the ability of the service provider to deliver industry-relevant, non-unit standard training in diesel locomotive brake system safety.