

ANNEXURE B

Mandatory check list: Compliance to TFR pilot process mandatory requirements.

- By completing this check list, the bidder confirms their willingness to comply with all requirements set by TFR to take part of the pilot process. These requirements are over and above technical compliance with the relevant technology specifications.

Description	Shall comply	Shall not comply	Comment / reference to evidence
1. The supplier shall indicate: <ul style="list-style-type: none"> a. System maturity, including predicted end of life of proposed product. b. Provide information regarding the safety certification of the system and by which authority, where applicable (as per requirements stated in the relevant technology specifications.) c. Technical support and spares availability for the technology and sub-systems. TFR requires at least 10 to 15 years support (support for 20+ years is preferred). d. Warranty periods and conditions applicable. 			
2. The supplier shall provide support with an RSR submission for the type approval process of applicable technology, where applicable.			
3. In order to obtain site access and approval for pilot equipment on site, the supplier shall (to be done following successful completion of 'lab testing'): <ul style="list-style-type: none"> a. Submit a safety file (Inclusive of Environmental management plan and quality assurance plan). 			
4. The supplier shall provide repair facilities for all electronic based systems that they have tendered for. (Indicate if such support will be locally based).			
5. The following manuals shall be provided by the supplier to TFR: <ul style="list-style-type: none"> a. Training manual b. Installation manual c. Maintenance manual (inclusive of fault finding trees) d. Part numbers and component descriptions 			
6. The supplier shall provide training to TFR during pilot: <ul style="list-style-type: none"> - Training for maintenance personnel (Engineering Technician/s, Engineers etc.) on maintenance and fault finding during piloting period. 			
7. Training to be provided for TFR after successful technology approval: <p>Once the system has been successfully approved, the supplier shall be able to (on request only, at a cost):</p> <ul style="list-style-type: none"> - 'Train the Trainer' of Transnet Freight Rail School of Rail (SoR). - Assist with the development of a TFR training curriculum for the system. 			

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- Assist with development and installation of a simulator at a TFR training facility at School of Rail.			
8. The supplier shall provide a completed list of all system components (up to modular level) indicating whether these components can be repaired, refurbished, replaced individually as well as if it can be done locally/internationally.			
9. In the event of the bidder not being the OEM, the following will be required: <ul style="list-style-type: none"> a. MOU between the OEM and local agent that the local agent is allowed to either perform or facilitate repairs. b. For equipment where there is no OEM or local agent, the bidder can request TFR to confirm such. TFR will to the best of their ability and information available provide confirmation. The bidder shall then indicate if they will be able to facilitate repairs, refurbishments, and replacements. In such events compliance to specification "Repair of Signalling Equipment Based on TFR Designs and Intellectual Property and repair of legacy signalling systems - BBH3699" will be mandated. This specification will mandate TFR TM to conduct site visits to confirm compliance to all requirements. 			
10. Supplier to provide quality assurance plan and processes compliant to the quality requirements as follows: The Specification and Demonstration of Reliability, Availability, Maintainability and Safety (RAMS) or in line with the following specifications <ul style="list-style-type: none"> a. EN 50126-1: Railway Applications specification or b. ISO 9000 series 			
11. The supplier is able to provide serialised equipment (up to modular level).			
12. The supplier shall be willing to co-operate with random audits of their manufacturing, repairing and refurbishments processes in the form of visual inspection, process inspection/assessment, personnel assessment, tools/instruments inspection, product performance, etc. These audit will be conducted by TFR, which shall including quality checks.			