

ADDENDUM -1

BEML SRM Tender Ref : 6300039843 dated 14/08/2025

Tendered Item : EXTERNAL COVERS / CLADDINGS

Project : Standard Gauge High Speed Train Project.

1) "PRE-BID MEETING SUMMARY" against the tender as per the below details.

SN.	Description	M/s. Hindustan Fibre Glass Comments. Subsequently submitted vide email dated 22/08/2025	BEML Response
1	Eligibility Criteria – Experience with ≥ 250 kmph Projects	<p>As this type of high-speed train set is being manufactured in India for the first time, we believe no any Indian companies meet the specific experience criteria.</p> <p>Request: We respectfully request BEML to consider Indian companies that are affiliated with certified institutions under the Ministry of Textiles, specifically those recognized as Centres of Excellence (CoEs) for composites, such as ATIRA (Ahmedabad Textile Industry's Research Association), for eligibility as Original Equipment Manufacturers (OEMs).</p> <p>These institutions possess the required infrastructure for composite prototyping and in-house testing, including NABL and RDSO-approved facilities, and are actively engaged in high-quality research, development, and manufacturing.</p> <ol style="list-style-type: none"> 1. Composite prototyping and testing will be carried out at CoEs like ATIRA, which have the requisite equipment and certification. 2. Bulk manufacturing of the composite products will be undertaken at facilities such as those at HF premises or other similarly recognized and certified locations. 	<p>Since, this high speed project requirements calls for proven sources for critical aggregates, this eligibility criteria has to be met to justify/comply for proven supplier.</p> <p>Please follow BEML tender PTS requirement.</p>

SN.	Description	M/s. Hindustan Fibre Glass Comments. Subsequently submitted vide email dated 22/08/2025	BEML Response
2	Testing Requirements	<p>Currently, only a reference to testing requirements is mentioned (PTS Doc. No. FPIIC/TD/057 Page No. 24-25), but no specific acceptance criteria or values are provided.</p> <p>Request: Kindly provide detailed and accepted test parameters/values for the specified tests to enable us to prepare accurate technical proposals.</p>	<p>As per BEML tender PTS requirement, sec. 7.4, it specified that "Subcontractor shall submit the test requirements of epoxy laminate /epoxy Al. honeycomb panels or for any other material proposed.</p> <p>Hence, based on previous supplies of similar items, sub-contractor or supplier need to submit the test requirements which meets Design criteria and Technical requirements of BEML Tender PTS.</p>
3	Experience Requirement – Equivalent Projects	<p>The tender mentions the requirement for references of at least two projects operating at ≥ 250 kmph and in service for at least 3 years.</p> <p>Query: Can Indian projects such as Vande Bharat or LHB coaches operating at speeds below 250 kmph be considered equivalent, given the similarity in design and manufacturing standards?</p>	<p>Vandhe Bharat or LHB coaches does not have these external cover/cladding. Hence this project cannot be considered as experience requirement.</p>
4	Prototype Approval (FAI)	<p>Regarding stage inspection and prototype approval:</p> <p>Query: Kindly confirm if First Article Inspection (FAI) is required for each variant (e.g., DTC, MC1, TC1, TC2) separately, or if a single representative set approval will suffice.</p>	<p>Yes, for it has to be done for each variant.</p>

SN.	Description	M/s. BFG International Comments Subsequently submitted vide email dated 28/08/2025	BEML Response
1	Noise reduction	PTS ref. 7.10 Requirement for noise reduction level for insulation selection.	There is no particular limit for noise reduction and thermal insulation. However, Noise insulation index and heat transfer co-efficient values of proposed material for external covers by subcontractor shall be submitted for validation.
2	Thermal Insulation	PTS ref. 7.11 Requirement for Thermal insulation requirement for insulation selection.	
3	Weight Requirement	Being highs speed train, is there any weight target for the scope of supply?	As per BEML tender PTS requirement, Sec. 8.4 (ii), it is specified that " <i>The density of Epoxy laminate covers shall be approximately 1.8 ± 0.1 g/cm³ and for Epoxy Aluminium honeycomb sandwich covers shall be approximately 0.4 ± 0.05 g/cm³ or any other suitable material proposed by subcontractor shall be light weight and have high strength to weight ratio and corresponding weights shall be submitted along with offer</i> ". Hence the design of these covers shall comply the design criteria specified in Sec.6.1 (iv) for strength requirements (pressure loads) and shall be achieved using lightweight material.

2) Tender closing date for the above tender extended **from 31.08.2025 @ 17:00 HRS to 08.09.2025 @ 17:00 HRS**