

Reasoned Document: Specification and Schedule of Technical Requirement (STR) for Manufacture and Supply of Expansion Joint to Indian Railway for use on Railway Bridges/ROB

S.No.	Firm's Name	Attachment	Subject matter with para of STR	Comments/suggestion by stakeholder	Remarks by RDSO
1.	M/s. DECG International	Email received on 8 th May, 2025	1. Procedure for Registration of firm: Clause No. 3.1(ii): Space required for manufacturing, testing and storage viz. manufacturing floor, Godown, store, office and test lab etc.	Minimum space required for manufacture of Expansion Joint should not be less than 45,000 square feet with availability of 2 cranes of minimum capacity 5 MT, and 1 crane of minimum 10 MT capacity. The Design Engineer should be at least post graduate (M.Tech.) from any IIT/NIT. Similarly the Production Manager must be B.Tech. From any recognized Institute. Manufacture must have a separate laboratory for testing of the materials.	(i) Space and Crane requirement depends upon the production capacity. The adequacy of the space and lifting arrangement etc. is checked during the CCA. So, the existing provision seems enough. (ii) Competent manpower related provisions already exist in Para 5.1. (iii) Testing facilities are already provided in Para 6.3 and 6.4 either in-house or outsourced. Therefore, no additional change is needed.
			2.0 Qualifying Criteria: Clause No. 4.1, Note-(i): Previous experience shall be considered only for the work completed successfully during the last five financial years and up to the date of application in the current financial year.	Previous experience shall be considered only for the work completed during the last Three financial years and up to the date of application in the current financial year.	The provision of work completed during the last three years may be restrictive in nature. Hence, the provisions as proposed hold good.
			3.0 General and Infrastructural Requirements: Clause No. 5.3: A proper procedure for maintenance of records for receipt and consumption of	A proper procedure for maintenance of records and consumption of raw material should be in vogue or developed so as to allow verification by railway's	The provision of maintaining traceability record for the three years may be a relaxed criteria for a safety related item. Hence, existing provision need not to be changed.

			raw material should be in vogue or developed so as to allow verification by railway's representative. The firm shall maintain list of consumption of raw material including test records for a period of atleast preceding five years. The record should be maintained in such a way that raw material traceability can be ensured with specific expansion joint manufactured and supplied by firm.	representative. The firm shall maintain list of consumption of raw material including test records for a period of at least preceding Three years. The record should be maintained in such a way that raw material traceability can be ensured with specific expansion joint manufactured and supplied by firm.	
			3.0 General and Infrastructural Requirements: Clause No. 5.4: Adequate power supply should be arranged through distribution agencies with back up through captive generation. Electricity bill not older than 6 months shall be submitted alongwith application at the time of registration.	Adequate power supply should be arranged through distribution agencies with back up through captive generation. Electricity bill not older than 3 months shall be submitted along-with application at the time of registration.	The proposed provision of Electricity bill not older than 6 months is in line with the ISO Doc. No. QO-F-8.1-7 Version No. 1.9.
			4.0 Facilities required for manufacturing and supply of Expansion Joints: Clause No. 6.3:	Following machines/equipment shall be available with the manufacturer: Provide quantity, make, model no., Capacity, Serial number, year of manufacture/commissioning,	(i) Automatic Spectrometer for Metal testing- Provision of material testing do exist in-house or outsourced as per Para 6.1. (ii) Surface Roughness Tester

				etc, preferably in a chart form as applicable. (i) Automatic Spectrometer for Metal testing (ii) Surface Roughness Tester (iii) Automatic Sand/Grit Ballasting Machine	included in the list under Para 6.3. (iii) Automatic Sand/Grit Blasting - already covered in Para 6.2.
			5.0 Quality Audit: Clause No. 8.1: Quality Audit of the Registered Vendors will be done every five years. However, it may be planned by RDSO after completion of three years since registration or previous quality audit.	Quality Audit of the Registered Vendors will be done every seven years. However, it may be planned by RDSO after completion of five years since registration or previous quality audit.	Existing frequency of quality audit of 5 years is in line with the ISO provision (ISO doc. No. QO-D-8.1-13 Version No. 1.9 dated 19.03.2025) Hence, no change is needed.

Other changes proposed by RDSO

Sl. No.	Para No.	Change/addition/deletion	Reason
1.	6.8	New Para added as- Firm must have and maintain the ISO 9001 Certification, as per instructions issued by Ministry of Railway (Railway Board) vide letter No. 2014/CE-III/BR/Bridge workshop policy dated: 16/19.05.2025 and further circulated vide RDSO's letter No. CBS/G/Reg dated 26.05.2025. These letters can be accessed under B&S Directorate's Documents (Vendor registration guidelines) through Vendor interface on RDSO's website at following URL https://rdso.indianrailways.gov.in/view_section.jsp?lang=0&id=0,4,28,6551 . To implement ISO 9001 Certification through Bureau of Indian Standard(BIS), RDSO has already signed an MOU with BIS.	Para regarding ISO 9001 certification of firm has been added to implement the instructions of Railway Board issued vide letter No. 2014/CE-III/BR/Bridge workshop policy dated: 16/19.05.2025 and further circulated to vendors vide RDSO's letter No. CBS/G/Reg dated 26.05.2025.
2.	9.1	New Para added as- "It shall be mandatory to display the above details/information on the website within stipulated time. Displaying false information shall lead to outright delisting for two years as per Para 4.2.4 of RDSO ISO Apex Document No. QO-D-8.1-11 (as updated time to time)."	Sub-Para added to stop any false display of information to the customers.