

Reasoned document on comments on Final Draft Schedule Technical Requirement (STR) for Manufacture of Pantographs for Electric Locomotives

Sub: Draft STR No. RDSO/2008/EL/STR/0049 Rev. '2' uploaded on RDSO website for comment/suggestion.

Ref:1. Vigilance Cell-RDSO note no CVO/RDSO/Confdl/2020 dated 23.06.2020, 27.08.2020 &21.08.2020.

2. Draft STR was uploaded on RDSO website on 22.07.2020 for comments.

1. Compliance of Vigilance Note:

SN	Para of Vigilance Dte. Note	
	Specification	-
1.	1(a). Some of draft/provisional specifications are in use even after a lapse of many years. Such specifications to be identified by each dte. head and finalized specification be issued as per ISO procedures on priority.	Not applicable for this final draft of STR.
2.	1(b). Some of the specifications uploaded on RDSO web site are not fully legible / readable. Legible/readable copy to be uploaded on priority.	Not applicable for this final draft of STR.
3.	1(c). All drawings/Specifications of sub-systems/sub-assemblies not uploaded with some of the specifications. It compels vendor to obtain these from RDSO separately which is against the spirit of ease of doing business	Not applicable for this final draft of STR.
4.	1(d). Outdated/withdrawn BIS/international standards find mention in many of the specifications.	Not applicable for this final draft of STR.
5.	1(e). In many of the specifications, test procedures along with pass/fail criteria not described leaving ample scope for arbitrariness on the part of inspector involved in the testing of the sample of the item during the vendor registration process or during purchase inspection. All specifications must contain test procedures along with pass/fail criteria. No new/revised specification should be released for implementation without test plans/formats.	Not applicable for this final draft of STR.
STR		STR No. RDSO/2008/EL/STR/0049 Rev '4' 2 Schedule Technical Requirement (STR) for Manufacture of Pantographs for Electric Locomotives
6.	2(a). Some of draft/provisional STRs are in use even after a lapse of many years. Such STRs to be identified by each dte. head and finalized STR be issued as per ISO procedures on priority.	The rev '1' STR was finalized & issued in May 2019 following the ISO procedure. Now, as per instruction the Final draft STR is being issued again.
7.	2(b). Very restrictive/narrow eligibility criteria by specifying experience of same item has been stipulated in some of the STRs. Eligibility criteria to be broad based.	No such criteria have been stipulated in the STR.

8.	2(c). Similarly specific M&P/T&P instead of activity/process based M&P/T&P has been stipulated in some of the STRs. It needs critical review.	M&P/T&P are stipulated as per requirement for manufacturing of quality preview. To review again, Draft STR was uploaded on website on 22.07.2020 for getting comments from Railways & PUs and various pantograph manufacturing firms. No comments received from them.
9.	2(d). Some of the STRs uploaded on RDSO web site are not fully legible / readable. Legible/readable copy to be uploaded immediately.	Being ensured.
10.	2(e). In one of the dte, revision of STR has been entrusted to the QA dte which does not appear to be in order. Design dte being the custodian of the STR should only under take revision of STR as has been the case with other dtes.	Being ensured.
11.	3. Current certificates/ credentials such as experience certificate, ISO certificate etc. submitted by some of the vendors have been found to be fake subsequently. There is a need to evolve standard procedure to verify the authenticity/genuineness of current certificate/ credentials of all vendors including the vendors around at the time of vendor registration.	Being ensured
12.	4. In spite of chasing at highest level, sincere efforts to review the specification & STR do not appear to have been made. It is very important that specification & STRs of items having less than 3 vendors should be truthfully reviewed & all clauses coming in way of widening vendor base to be critically reviewed within the ambit of ISO laid down procedure. Prime responsibility of review of the specification/STR lie with concerned design/custodian dte.	Being ensured.
13.	5. Implementation/Compliance of vigilance cell letter number 18/Vig/Policy dated 04.06.2018 in regard to procedure to be followed for updating status of vendor in the event of revision of specifications/STR is not being ensured in some of the dtes. There is no monitoring of cut-in of revised specification/STR by existing approved vendors. It is a serious matter to be looked into personally by respective dte heads.	Not Applicable for draft STR/Specification. However, the matter will be ensured.
14.	6. In the developmental vendor approval letter, there is no mention of the vendors approved drawing accepted deviation and approved sub vendors for outsourced activities /raw material. It makes comparison of supplied item with approved prototype difficult.	This will be ensured during issuing of prototype clearance letter.
15.	7. Prototype equipment tested and approved by RDSO is also not preserved in most of the cases	Not applicable for this final draft of STR.

	giving a room to vendor supplying modified item subsequently	
16.	8. There is no monitoring of up gradation of developmental vendors to regular vendor or delisting of vendor for the committed lapses. Many old developmental vendors are appearing in the vendor directory it needs critical review	Not Applicable for this final draft STR .However, monitoring of RDSO controlled Vendors is done through software "Failure reporting & Vendor performance monitoring system.
17.	9. There is confusion in some of the dte in regard to compliance of revised STR specially in respect of changed the eligibility criteria in respect of experience by the existing developmental vendors.	Not applicable in this case.
18.	10. As per existing provision in ISO procedure, no opportunity is required to be given to the vendor in case of nonconformities observed during prototype inspection against 1 st time registration. Case is required to be closed straight away in case of observation of nonconformities. Some of the dtes. are however, conveying the noted non-conformities to the vendor and taking final call to reject or approve vendor based on this action/compliance on non-conformities.	Not applicable for this final draft of STR.
19.	11. BOM (bill of materials) approved vendors list not put in the public domain. It needs to be done through appropriate mechanism.	Not applicable for this final draft of STR.
20.	12. In some of the specifications, requirement of field trials of prototype equipment has been specified without standardization of field performance feedback format. Issue of format for obtaining field performance to be ensured by design dte. Failure data downloaded from equipment/system (if available) should be invariably made use of.	Not applicable for this final draft of STR.
21.	13. There is a need to generate sample plan for items for which RDSO undertake purchase inspection through PIMS.	Not applicable
22.	14. Correspondence during the registration process should only be at the addresses given in the registration application & important correspondence to be posted on web portal. Prime responsibility for this lies with nominated supervisor & officer signing the letter.	Being ensured.
23.	15. In ordinate delay is noticed in implementation/complying suggested system improvements issued by Vigilance dte with the approval' of the competent authority	Noted for compliance.
24.	16. Inspite of clear out instruction of DG/RDSO new item are getting added to the vendor directory without seeking the approval of DG.	Not applicable for this final draft of STR.
25.	17. Some of the dtes. are still seeking the approval of Railway board on specification before issue which need to be done away with.	Not applicable for this final draft of STR.

2. STR No. RDSO/2008/EL/STR/0049 Rev '4'2 Schedule Technical Requirement (STR) for Manufacture of Pantographs for Electric Locomotives was uploaded on RDSO website on 22.07.2020 for months as per stipulations of RDSO ISO cell directives Clause “4.3 Display of draft on website for the comments & suggestions” of documents “No. QO-D-8.1-2 Version 1.2 date effective 19.06.2020” for comments and suggestion. The draft specification was displayed on website and also emailed to all the Zonal Railways/PUs, existing approved sources and also pantograph manufacturing firms for comments and suggestions, but in spite of passage of more than 3 and ½ months **no comments** has been received.
3. In view of above, **Final draft STR** is prepared to upload on RDSO website for 15 days as per stipulations of RDSO ISO cell directives Clause “4.5 Display of Final Draft copy on website” of documents “No. QO-D-8.1-2 Version 1.2 date effective 19.06.2020”. The copy of the final draft STR and the reasoned document is to be put up on the website, after approval of the directorate head, for at least 15 days. After the expiry of the time period, these documents are to be removed from the website. The final draft specification displayed on website is also emailed to all the existing approved sources for comments and suggestions. The copy of the final draft specification, the received comments and reasoned document, shall also be sent to Railway Board or any other competent authority if required at this stage.