

Doc. No TI –WI 8.1.3 ver 7.0	Wef 21.02.2025
Time lines for Fresh Vendor Development & Eligibility Criteria for Up-gradation of Vendors	



RESEARCH DESIGNS & STANDARDS ORGANIZATION  
Manaknagar, Lucknow – 226011

TI-WI-8.1-3

Time lines for Fresh Vendor Development & Eligibility Criteria for Up-gradation of Vendors

**1.0 Amendment History:**

S. No.	Amendment Date	Version	Reasons for Amendment
1.	12.09.2018	1.0	First issue under new documentation system for ISO 9001: 2015.
2.	25.09.2020	2.0	Second issue after inclusion of initial permitted quantity for Developmental Vendor with limited quantity. Approved by PED/TI on NP-38 of File No. TI/GEN/ISO/POLICY/17-18 dated 25.09.2020
3.	24.06.2021	3.0	Third issue after inclusion of two new items 'Spring ATD & Modular Cantilever System' in the document.
4.	31.12.2021	4.0	Forth issue after changes in line with the QA(Mech) Note No. QAM/Vendor Approval Policy dt. 07.09.2021 and approval of PED/TI in File No. TIOLKO(MISC)/51/2020 dated 31.12.2021.
5.	07.06.2023	5.0	Fifth issue after changes in line with note no. RDSO-TIOLKO(PSI)/11/2021-O/o PED/TI/RDSO dated 14.09.2022.
6.	24.06.2024	6.0	Sixth issue after changes in line with Note no RDSO-TIOLKO(OHE).73/2020 dtd 04.04.2024
7.	21.02.2025	7.0	<ol style="list-style-type: none"> <li>1. As approved on Note# 322 of E-File No. RDSO-TIOLKO(PSI)/57/2021-O/o PED/TI/RDSO-Part(1), regarding the field trial period for up-gradation of TI items has been considered as 12 months except SCADA as considered 6 months.</li> <li>2. The items 25kV Single pole Vacuum Circuit Breaker and Vacuum Interrupter have been transferred from CORE to RDSO on 11.02.2025, hence these are included in the TI/WI/8.1-3, V-7.0 and in line with 25 kv Double pole VCB &amp; VI, the field trial period for up-gradation of Single pole Vacuum Circuit Breaker (of 12 Nos.) and Vacuum Interrupter (of 20 Nos.) has been considered as 12 months.</li> <li>3. Presently, Modular Cantilever System (MCS) is not RDSO controlled vendor item, hence the item MCS has been removed.</li> <li>4. Item - Current Carrying Dropper fittings (10 &amp; 25 sq mm) has been added as this item has been transferred from CORE.</li> </ol>

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**2.0 Purpose:** This document contains directives specific to timeline for fresh vendor development and for up-gradation of vendor Status.

**3.0 Scope of Application:** All cases of fresh vendor approval & vendor status up-gradation in vendor Directory.

**4.0 Procedure/ Details:** This document is prepared to give timeline for various activities after Capability Assessment involved in fresh vendor approval and to fulfill the requirement of referred RDSO's ISO Directive mentioned at para 5.0 of this document. In this work instruction, time taken to complete various activities by vendor and RDSO have been defined item wise for fresh vendor approval, minimum quantity for each item for up-gradation from 'List of RDSO Vendors for Developmental order' to 'List of Approved Vendors' posted on IREPS website(UVAM). All these details have been tabulated in proceeding pages.

SN	Item	Maximum time permitted for submission of design documents by firm, after provisional approval	Maximum time permitted for manufacturing including submission of ITR & Quantity for offering the prototype sample (including stage inspection, if applicable)		Maximum time permitted for Type Testing	Period of Field trial (if applicable prior to inclusion in list of RDSO vendors for developmental order)		Maximum Quantity for up gradation	Period of Filed trial for up gradation
						Duration	Qty.		Duration
		Days*	Days	No.	Days	Days	No.	No.	Months
1.	8MVA Autotransformer	60+30+15	150	01	120	NA	NA	02	12
2.	12.3 MVA Autotransformer	60+30+15	150	01	120	NA	NA	02	12
3.	16.5MVA Autotransformer	60+30+15	150	01	120	NA	NA	02	12
4.	60/84/100MVA, 132kV/2X55kV, Scott Connected Traction Power Transformer	90+30+15	180	01	150	NA	NA	02	12
5.	60/84/100MVA, 220kV/2X55kV, Scott Connected Traction Power Transformer	90+30+15	180	01	150	NA	NA	02	12
6.	38/53/63MVA, 132kV/2X27.5kV Single Phase Dual LV Winding Traction Power Transformer	60+30+15	180	01	150	NA	NA	02	12
7.	38/53/63MVA, 220kV/2X27.5kV Single Phase Dual LV Winding Traction Power Transformer	60+30+15	180	01	150	NA	NA	02	12
8.	25kV Double Pole Vacuum Circuit Breaker	45+30+15	180	01	150	NA	NA	12	12
9.	25kV Double Pole Vacuum Interrupter	45+30+15	180	01	150	NA	NA	20	12
10.	Control and Relay Panels including numerical type protection relays	60+45+15	120	01	120	NA	NA	02	12
11.	Numerical feeder	60+45+15	120	01	120	NA	NA	02	12

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	protection relay comprising DPR, OCR and Auto reclosure function								
12.	Delta-I type high resistive fault selective relay	60+45+15	120	01	120	NA	NA	02	12
13.	Panto Flash Over protection relay	60+45+15	120	01	120	NA	NA	02	12
14.	Supervisory Control and Data Acquisition System for 25kV & 2x25kV Traction Substation System.	60+45+15	120	01	120	180	As per Specification.	1 SCADA System.**	6
15.	Short Neutral Section Assembly (Phase Break)	120+30+30	180	As per spec.	150	30	01	50	12
16.	Light Weight Section Insulators Assembly	120+30+30	180	As per spec.	150	30	01	50	12
17.	Spring Auto tensioning device (Spring ATD)								
	Spring ATD for 2000 kgf tension	120+30+30	180	As per spec.	150	30	02	10	12
	Spring ATD for 2400 kgf tension	120+30+30	180	As per spec.	150	30	02	10	12
	Spring ATD for 3000 kgf tension	120+30+30	180	As per spec.	150	30	02	10	12
18.	Regulating Equipment (ATD)	120+30+30	180	As per spec.	150	NA	NA	400 Nos.	12
19.	Modular Cantilever System (MCS)	120+30+30	180	As per spec.	150	30	10 (sets)	500 (Sets)	12
20.	25 kV Composite Section Insulator (1050 mm CD)	120	90	As per spec.	90	NA	NA	70 Nos. Insulator	12
21.	25kV Single Pole Vacuum Circuit Breaker	45+30+15	180	01	150	NA	NA	12	12
22.	25kV Single Pole Vacuum Interrupter	45+30+15	180	01	150	NA	NA	20	12
23.	Current carrying dropper fittings (10 sqmm)	120+30+30	180	03 (As per spec.)	120	NA	NA	500	12
24.	Current carrying dropper fittings ( 25 sqmm)	120+30+30	180	03 (As per spec.)	120	NA	NA	200	12

\* The timeline is mentioned in three parts. First part will be permitted for submission of initial design documents, second and third timelines are for the submission of revised documents, based on RDSO observations.

**Note:** Above timelines are standard timeline; however based on the Merit of the case directorate may permit more time before the closure of the case.

\*\* 1 SCADA System is defined as '1 System shall include at least 30 RTU's, 01 set of Front end Server (Main & Standby), 01 set of SCADA Server (Main & Standby), 01 set of Energy Management Server (EMS) (Main & Standby), 01 Network Management Server (NMS), 01 Web Server and 07 no. of Workstation grade PC's (04 no. for SCADA Server, 02 no. for EMS Server and 01 no. for NMS Sever) in client server architecture. If any firm has supplied these quantities in multiple orders, the same can also be considered for upgradation, subject to completion of upgradation duration for all mentioned quantities.'

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**Note:** Vendor Up-gradation shall be carried out referring RDSO's ISO Directive No.QO-D-8.1-11 version 2.5 (or latest ) considering minimum specified Quantity of the items as specified above.

#### 5.0 Reference Documents:

Ref(1)	RDSO Directive QO-D-8.1-5, Version 2.4 (or latest), Application for Registration of Vendor.
Ref(2)	RDSO Directive QO-D-8.1-6, Version 5.6 (or latest), Vendor Application Processing.
Ref(3)	RDSO Directive QO-D-8.1-11, Version 2.5 (or latest), Vendor-Changes in approved Status.



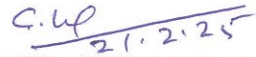
#### 6.0 Referenced Documents of External Origin: Nil

#### 7.0 Associated Records: Records to be maintained wherever required.

#### 8.0 Responsibility and Authority:

Activity	Responsible	Approver	Supporting	Consulted	Informed
Creation, maintenance of this document.	Group in-charge dealing with ISO	HOD/TI	SSE/JE/ISO	MR/ISO-cell	TI Directorate official
Compliance of directives contained in this document.	All Group in charge	HOD/TI	SSE/JE concerned	DTI/ISO	TI Directorate official
Requirement of deviation from directive	All Group in charge	HOD/TI	Director concerned	DTI/ISO/MR/ISO-Cell	TI Directorate official

#### 9.0 Abbreviations: Nil.

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