

पूर्व रेलवे
(विद्युत विभाग)

पत्र संख्या ई एल /94/6/Similar Nature Work,

दिनांक 17th दिसंबर, 2025

वरिष्ठ मंडल विद्युत अभियंता (टीआरडी)

पूर्व रेलवे

सियालदह/हावड़ा/आसनसोल/मालदा.

विषय: Revised/consolidated list of definition of " Similar Nature of Works."

A copy of revised /consolidated list of definition of "similar nature of works" for works related to TRD approved by competent authority i.e. PCEE/ER, from time to time is enclosed herewith for information and necessary action. The definitions approved by PCEE/ER, as mentioned above, should be followed, in future works i.e. the NIT published after 20.12.2025.

It may be noted that any fresh proposal for seeking approval of definition of "Similar nature of works" should be accompany with clear certification about non-coverage of the proposed "Similar Nature of works" in the revised /consolidated list.

This is for information and necessary action.

संलग्न : ऊपरोक्त अनुसार



(होती लाल मीणा)

मुख्य विद्युत वितरण इंजीनियर
कृते प्रमुख मुख्य विद्युत अभियंता

प्रति/-

सचिव/प्रमुख मुख्य विद्युत अभियंता : कृपया जानकारी के लिए
मुख्य विद्युत अभियंता (निर्माण): कृपया जानकारी के लिए

Definition of Similar Nature of Work		
S.N.	Name of Work	Proposed Definition
1	OHE WORKS	
(i)	Design, supply, erection, testing & commissioning of 50Hz single phase 1x25 KV OHE work OR Design, supply, erection, testing & commissioning of 50Hz 2x25 KV AC OHE work	Design, supply, erection, testing & commissioning of 1x25 KV / 2x25 KV, 50 Hz, AC, Single phase, OHE work
(ii)	Comprehensive AMC /AMC/ work of 1x25 KV OR 2x25 KV AC OHE	Design, supply, erection, testing & Commissioning of 1x25 KV / 2x25 KV, 50 Hz, AC, Single phase, OHE work OR Rehabilitation / maintenance / AMC /CAMC work of 1x25 KV / 2x25 KV OHE
2	PSI WORKS	
(i)	Design, supply, erection, testing & commissioning of 1x25 KV / 2x25 KV Railway traction sub-station works along with associated switchgear equipment	Design, supply, erection, testing & commissioning of TSS on 1x25 or 2x25 KV AC electric traction system. OR Design, supply, erection, testing & commissioning of new Sub-station of 66 KV or higher voltage
(ii)	Design, supply, erection, testing & commissioning of SP /SSP/SS/FP of 1x25 KV / 2x25 KV Railway electric traction system.	Design, supply, erection, testing & commissioning of TSS on 1x25 or 2x25 KV AC electric traction system. OR Design, supply, erection, testing & commissioning of SP / SSP / SS / FP on 1x25 or 2x25 KV AC OHE system. OR Design, supply, erection, testing & commissioning of new Sub-station of 66 KV or higher voltage
(iii)	Modification / rehabilitation / upgradation / repair in existing TSS/ SP /SSP/SS/FP of 1x25 KV Railway electric traction system.	Design, supply, erection, testing & commissioning of TSS on 1x25 or 2x25 KV AC electric traction system. OR Design, supply, erection, testing & commissioning of SP / SSP / SS / FP on 1x25 or 2x25 KV AC OHE system. OR Modification / rehabilitation / upgradation in existing TSS/ SP /SSP/FP of 1x25 KV / 2x25 KV Railway electric traction system. OR Design, supply, erection, testing & commissioning of new Sub-station of 66 KV or higher voltage
(iv)	Modification / rehabilitation / upgradation / repair in existing TSS/ SP /SSP/SS/ FP of 2x25 KV Railway electric traction system.	Design, supply, erection, testing & commissioning of TSS on 1x25 or 2x25 KV AC electric traction system. OR Design, supply, erection, testing & commissioning of SP / SSP / SS / FP on 2x25 KV AC OHE system. OR Modification / rehabilitation / upgradation in existing TSS/ SP /SSP/SS/FP of 2x25 KV Railway electric traction system. OR Design, supply, erection, testing & commissioning of new Sub-station of 66 KV or higher voltage
(v)	Comprehensive AMC /AMC / with or without manning of TSS / SP /SSP / SS/ FP of 1x25 KV Railway electric traction system.	Design, supply, erection, testing & commissioning of TSS on 1x25 or 2x25 KV AC electric traction system. OR Design, supply, erection, testing & commissioning of SP / SSP / SS / FP on 1x25 or 2x25 KV AC OHE system. OR Modification / rehabilitation / upgradation in existing TSS/ SP /SSP/SS/FP of 1x25 KV / 2x25 KV Railway electric traction system. OR Comprehensive AMC /AMC / with or without manning of TSS / SP /SSP / FP of 1x25 KV / 2x25 KV Railway electric traction system. OR Design, supply, erection, testing & commissioning of new Sub-station of 66 KV or higher voltage / Comprehensive AMC /AMC of 66 KV or higher voltage

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S.N.	Name of Work	Proposed Definition
(vi)	Comprehensive AMC /AMC / with or without manning of TSS / SP /SSP /SS/ FP of 2x25 KV Railway electric traction system.	Design, supply, erection, testing & commissioning of TSS on 1x25 KV or 2x25 KV AC electric traction system. OR Design, supply, erection, testing & commissioning of SP / SSP / SS / FP on 2x25 KV AC OHE system. OR Modification / rehabilitation / upgradation in existing TSS/ SP /SSP/SS/FP of 2x25 KV Railway electric traction system. OR Comprehensive AMC /AMC / with or without manning of TSS / SP /SSP /SS/ FP of 2x25 KV Railway electric traction system. OR Design, supply, erection, testing & commissioning of new Sub-station of 66 KV or higher voltage / Comprehensive AMC /AMC of 66 KV or higher voltage
(vii)	POH / repairs of 8 MVA, 12.3 MVA & 16.5 MVA Auto Transformer OR 21.6/30.24 MVA, 30/42 MVA and below MVA Single Phase Traction Power Transformer OR 38/53/63 MVA and below MVA Single Phase Traction Power transformer	(As per RB's Letter No. 2003/Elect(G)/161/1 Vol-III/Pl. E -3260334 dtd. 22.09.2025)
	POH / Repairs of 60/84/100 MVA and below MVA Scott Connected Traction Power Transformer.	(As per RB's Letter No. 2003/Elect(G)/161/1 Vol-III/Pl. E -3260334 dtd. 22.09.2025)
(viii)	POH / Repairs of switchgears i.e. Circuit Breakers and Interrupters etc.	(As per RB's Letter No. 2003/Elect(G)/161/1 Vol-III/Pl. E -3260334 dtd. 22.09.2025)
(ix)	Provision of Auxiliary transformers 25 KV / 240 V	Design, supply, erection, testing & commissioning of TSS on 1x25 or 2x25 KV AC electric traction system. OR Design, supply, erection, testing & commissioning of SP / SSP / SS / FP on 1x25 or 2x25 KV AC OHE system. OR Modification / rehabilitation / upgradation in existing TSS/ SP /SSP/FP of 1x25 KV / 2x25 KV Railway electric traction system. OR Design, supply, erection, testing & commissioning of 25 KV /240 V auxiliary transformers for 1x25 or 2x25 KV AC OHE system OR Design, supply, erection, testing & commissioning of new Sub-station of 66 KV or higher voltage
(x)	POH / Repairs of 25 KV / 240 V Auxiliary transformers	OEM of Auxiliary transformers or their authorised firms of same or higher rating Auxiliary transformers
3	TRANSMISSION LINE	
(i)	Design, supply, erection, testing & commissioning of 66 KV and above transmission line.	Design, Supply, Erection, Testing & Commissioning of transmission lines of 66 KV or higher voltage
(ii)	Comprehensive AMC / AMC / repair / rehabilitation of transmission line	Design, supply, erection, testing & commissioning of same KV or higher voltage transmission line OR Maintenance / AMC / modification / repair of same KV or higher voltage transmission line work
4	PSI Cable Works	
(i)	Design, supply, laying, testing & commissioning of 33 KV and above Cabling works	Design, supply, laying, testing & commissioning of same KV or above voltage Cabling work
(ii)	Comprehensive AMC / AMC / repair / rehabilitation of 33 KV and above Cable works	Design, supply, laying, testing & commissioning of same KV and above voltage Cabling work or Comprehensive AMC / AMC / repair / rehabilitation of Cabling work of same KV or above KV


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S.N.	Name of Work	Proposed Definition
5	SCADA WORKS	
(i)	Design, supply, erection, testing and commissioning of 1x25 and 2x25 KV AC traction SCADA system	Design, supply, erection, testing & commissioning of 1x25 and 2x25 KV AC traction SCADA system (RDSO/CORE approved firms for SCADA system)
(ii)	Upgradation of 1x25 and / or 2x25 KV AC traction SCADA system	Design, supply, erection, testing & commissioning of 1x25 and 2x25 KV AC traction SCADA system (RDSO/CORE approved firms for SCADA)
(iii)	Upgradation of protection relays with communication protocol for fault analyzing at 1x25 and / or 2x25 KV AC traction TSS	Design, supply, erection, testing & commissioning of 1x25 and 2x25 KV AC traction SCADA system (RDSO/CORE approved firms for SCADA system) OR Upgradation of protection relays with communication protocol for fault analyzing at 1x25 and 2x25 KV AC traction TSS system (RDSO/CORE approved firms for Relays)
(iv)	Comprehensive AMC / AMC / modification / rehabilitation / Repairs of 1x25 and / or 2x25 KV AC traction SCADA system	Design, supply, erection, testing & commissioning of SCADA system (RDSO/CORE approved firms for SCADA). OR Comprehensive AMC / AMC / modification / rehabilitation / Repairs of 1x25 and / or 2x25 KV AC traction SCADA system
6	TOWER CAR	
(i)	Comprehensive AMC / AMC work for 8-wheeler Tower Wagon including 'A', 'B', 'C' & 'D' checks as per RDSO guidelines and other repair works	OEM of Engine / Drive of any make used in Tower Wagon or their authorized firms, having experience in repair / overhauling of engine and drives of 8 wheeler Tower Wagons. OR CAMC / AMC work for 8-wheeler Tower Wagon including 'A', 'B', 'C' & 'D' checks as per RDSO guidelines and other repair works Spare required for overhauling / maintenance / repairs etc. should be procured from OEM or their authorized dealers only and proof of this to be submitted to Railway.
(ii)	Comprehensive AMC / AMC work for 4-wheeler Tower Wagon including 'A', 'B', 'C' & 'D' checks and other repair works	OEM of Engine / Drive of any make used in Tower Wagon or their authorized firms, having experience in repair / overhauling of engine and drives of Tower Wagons. OR Comprehensive AMC / AMC work for 4-wheeler or 8 wheeler Tower Wagon including 'A', 'B', 'C' & 'D' checks and other repair works Spare required for overhauling / maintenance / repairs etc. should be procured from OEM or their authorized dealers only and proof of this to be submitted to Railway.

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