1067644/2022/O/o CAO/CORE/PRYJ

GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
RAILWAY BOARD

No. 2003/Elect(G)/161/1Vol-III/Pt-Part(1) New Delhi, Dated: 25.02.2022

Pr. ED/TI
RDSO
Manak Nagar
Lucknow

Sub: Proposal for decontrol/transfer of Electrical items from RDSO.

Ref: RDSO's letter No. QAE/8.1.10/Vendor dated 22.01.2022, 25.01.2022 & 27.01.2022.

With reference to above subject, RDSO had proposed for approval of De-control/delisting, transfer of certain items from RDSO to PUs/CORE and retaining of certain items with RDSO. The same has been examined in Board's office and following decision has been approved by competent authority for items of TI & QAE Dte. Of RDSO:

i. **Annexure-I:** These items may be transferred from RDSO TI & QAE Dte. to CORE (SN-1 to 36) & BLW/CLW (SN-37 & 38).
ii. **Annexure-II**: These items (SN-1 to 18) may be decontrolled and SN-19 to 21 may be deleted from RDSO TI & QAE Dte.
iii. **Annexure-III**: These items may be retained with RDSO TI & QAE Dte.

25/02/2022

Sumit Garg
Director Elect. Engg. (PS)
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Copy to: CAO/CORE, & PCEE/(BLW/CLW) for kind information please.

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Annexure-I

SN	Item No.	Description
1	3100102	30 / 42 MVA, 50 Hz, Single Phase, ONAN/ONAF Traction Power Transformer (220/27 KV)
2	3100263	21.6/30.24MVA, 220/27KV, 50 Hz, Single Phase, ONAN/ONAF, Traction Power Transformer
3	3100128	Inhibited Mineral Insulating Oil
4	3100560	2000A, 25kV Single Pole, Double Pole Motorized Isolator
5	3100177	Composite Bracket Insulator (Very heavy polluted) (1600mm CD)
6	3100179	Composite 9 Tonne Insulator (Very Heavy Polluted) (1600mm CD)
7	3100287	Composite Stay Arm Insulator (Very heavy polluted) (1600mm CD)
8	3100383	Series Reactor for Capacitor Bank Low loss
9	3100168	Composite Bracket Insulator (1050 CD)
10	3100173	Composite 9 Tonne Insulator (Polluted zone) (1050 mm CD)
11	3100433	Composite Stay Arm Insulator (1050 mm CD)
12	3100181	Porcelain Bracket insulator (RI 6030-1) (1050mm CD)
13	3100182	Porcelain Stay Arm Insulator (RI 6000-2) (1050mm CD)
14	3100189	Porcelain 9-tonne Insulators (RI 6020-1) (1050 mm CD)
15	3100275	Section Insulator Assembly without Section Insulator
16	3100190	245 kV Solid Core Post Insulator Assembly for 220 kV Isolators & Bus Bars.
17	3100191	132 kV Solid Core Post Insulator Assembly for 132 kV Isolators & Bus Bars
18	3100186	110 kV Solid Core Post Insulator Assembly for 110 kV Isolators & Bus Bars
19	3100184	66 kV Solid Core Post Insulator Assembly for 66 kV Isolators & Bus Bars
20	3100240	Gearless Hand Operated Pulling and Lifting Machine(0.8t, 1.6t, 3.2t)
21	3100193	11kV, 70 kN, (Ball & Socket Type) Disc Insulator 280 mm dia, CD-430 mm(min.)
22	3100197	11kV, 120kN (Ball & Socket) Disc Insulator with 280mm dia CD 430mm(min.)
23	3100243	Ratchet Lever hoist (Pull Lift) (0.8 t, 1.6 t, 3.2 t)
24	3100355	Galvanized Stranded Steel Traction Bond
25	3100031	Operating Rod Insulator for 25 kV Isolator (RI 6260)
26	3100041	25 KV Single Pole Vacuum Interrupter
27	3100195	Sectioning Insulator (RI 6110) (850mm CD)
28	3100252	Single Pole Vacuum Circuit Breaker
29	3100185	Post Insulator for 25 kV Isolator and Bus Bars (RI 6090)
30	3100342	Regulating Equipment (ATD) - Three Pulley Type with Modified Pulley Groove (3:1 Ratio) (with use of NBC Ball Bearing 6305 LLU (Part-I) or SKF Ball Bearing 6305-2 RS1 (Part- I) or FAG Ball Bearing 6305- 2RSR (Part-II) in Regulating Equipment)
31	3100022	Joint less grooved Copper Contact Wire, 150 sq mm2, made out of continuous cast copper wire rods.
32	3100175	Un-insulated Cadmium Copper Catenary Wire 125 mm2 (37/2.10 mm)
33	3100238	Joint less grooved Copper Contact Wire, 193 sq mm2, made out of continuous cast copper wire rods.
34	3100289	Joint less grooved Copper Contact Wire, 107 sq mm2, made out of continuous cast copper wire rods.
35	3100439	Un-insulated Cadmium Copper Catenary wire 65 sq mm (19/2.10 mm)
36	3100441	Continuous Cast Copper (CCC) Wire Rod (manufactured by South wire process) for manufacturing 107 sq mm joint less Hard Drawn Grooved copper contact wire.
37	3100176	Converter Oil
38	3100462	Transformer Oil for 3 Phase locomotive

Annexure-II

SN	Item No.	Description
1	3100458	Battery charger for 110 V, 40 Ah battery
2	3100459	Battery charger for 110 V, 200 Ah battery
3	3100347	Battery for TRD- Lead Acid 40Ah -LM
4	3100463	Battery for TRD-Lead Acid 200Ah -LM
5	3100565	Battery for TRD-Lead Acid 150 AH -LM
6	3100566	Battery for TRD- Lead acid 250 AH-LM
7	3100568	Battery Charger for 110V, 150AH Battery (for 2x25 kV) at SP/SSP for Electric Traction Installation.
8	3100280	Series Capacitor
9	3100085	220kV Double Pole, Triple Pole, Outdoor SF6 Circuit Breakers for Indian Railway
10	3100146	SHUNT CAPACITOR FOR 2X25 KV system
11	3100499	66 kV Double Pole, Triple Pole, Outdoor SF6 Circuit Breaker for Indian Railways.

SN	Item No.	Description
12	3100517	50kV Double Pole Outdoor SF6 Circuit Breaker
13	3100464	21.6/30.24MVA, 110/27KV, 50 Hz, Single Phase, ONAN/ONAF, Traction Power Transformer
14	3100418	54MVA, 220/2x25 kV, 50Hz, ONAN, Scott Connected Traction Power Transformer
15	3100422	8MVA, 54/27kV, 50Hz Auto Transformer
16	3100427	21.6/30.24 MVA, 50 Hz, Single Phase, ONAN/ONAF, traction power transformer (66/27kV)
17	3100356	132kV Double Pole, Triple Pole, Outdoor Sf6 Circuit Breakers for Indian Railway
18	3100465	30MVA, 110/27KV, 50 Hz, Single Phase, ONAN Traction Power Transformer with on Load Tap Changer
19	3100278	Numerical Delta I & under voltage protection relay.
20	3100382	Numerical feeder protection relay comprising DPR, OCR, PTFE and Auto reclosure function.
21	3100559	Series Reactor for 2x25kV System

Annexure-III

SN	Item no.	Item Description
1	3100086	Higher diameter (22.5 mm to 26 mm dia.) Continuous Cast Copper (CCC) Wire Rod (Manufactured by South Wire Process).
2	3100142	25 kV Double Pole Vacuum Interrupters
3	3100208	25 kV Composite section Insulator (1050 mm CD)
4	3100274	Supervisory Control and Data Acquisition System for 25kV and 2x25 kV Single Phase 50Hz ac Traction Power Supply
5	3100377	Control and Relay Panel Including Numerical type protection relays for Scott-connected/ V-Connected Single-Phase Traction Transformers, OHE protection, 55 kV AT Protection & Shunt Capacitor Bank Protection for 2x25 kV Traction Sub-station, Sectioning and Paralleling Post, Sub-Sectioning & Paralleling Post and Auto Transformer Post.
6	3100380	Control and Relay Panel for 25 kV AC TSS including Numerical Type Protection Relays for Traction Transformer, OHE Protection, 25 kV Shunt Capacitor Bank and Transmission line for25 kV AC TSS on Indian Railways.
7	3100393	Microprocessor based Numerical Integrated Feeder Protection Module comprising DPR, OCR, WPC, PTFF & Auto reclosure Relay for 25 kV AC Single phase 50 Hz Traction Sub-station.
8	3100395	Delta-I type high resistive fault selective relay for 25 kV AC single phase 50Hz traction system.
9	3100399	Panto Flash Over Protection Relay for 25kV AC single phase 50Hz traction system.
10	3100429	Control and Relay Panel including Numerical Type Protection Relays for Mumbai Sub-urban area for 50Hz AC Traction Power Supply System including Parallel Operation on 25 kV Side.
11	3100444	Short Neutral Section Assembly (Phase Break)
12	3100445	Light Weight Section Insulators Assembly
13	3100501	8 MVA, 55/27.5 kV Auto Transformer
14	3100502	12.3 MVA, 55/27.5 kV, Auto transformer
15	3100503	16.5 MVA, 55/27.5 kV Auto Transformer
16	3100505	38/53/63MVA,132kV/2X27.5kV Single Phase Traction Power Transformer
17	3100506	60/84/100MVA, 132kV/2X55kV, Scott Connected Traction Power Transformer.
18	3100508	Spring Auto tensioning device (Spring ATD)
19	3100514	Modular Cantilever System
20	3100563	60/84/100MVA, 220kV/2X55kV, Scott Connected Traction Power Transformer
21	3100564	38/53/63MVA, 220/2X27.5kV, Single Phase Dual LV Winding Traction Power Transformer
22	3100040	Five Pulley Auto Tensioning Devices for 2 5KV AC Traction
23	3100281	30/42MVA, 132/27KV, 50 Hz, Single Phase, ONAN/ONAF Traction Power Transformer with on Load Tap Changer
24	3100403	21.6/30.24MVA, 132/27KV, 50 Hz, Single Phase, ONAN/ONAF, Traction Power Transformer
25	3100034	25 kV Double Pole Vacuum Circuit Breaker