

List of 107 nos. Unique items (main items + sub items) having less than Five sources as on date 03.06.2024.

S. No.	Department	Sub Directorate	Item Id	Item Description	Sub Item Id	Sub Item Description	Vendor Count
1	Electrical	ELECTRIC LOCO	3100104	Axle Box Bearing For WAG9/WAP7 Locomotives	--	--	4
2	Electrical	ELECTRIC LOCO	3100117	3 Phase Locomotive Traction Motor Bearing of TM type 6FXA7059	--	--	4
3	Electrical	ELECTRIC LOCO	3100129	Computer / Microprocessor controlled air brake for 3 phase electric locomotive	--	--	4
4	Electrical	ELECTRIC LOCO	3100131	EP Assisted brake system for 3- phase Electric locomotive application compatible with EP Assisted brake system on coaches	--	--	4
5	Electrical	TI	3100274	Supervisory Control and Data Acquisition System for 25kV and 2x25 kV Single Phase 50Hz ac Traction Power Supply	--	--	4
6	Electrical	ELECTRIC LOCO	3100283	Bearing for traction motor TAO-659 Bearing Type : NU-328 and NH-318	--	--	4
7	Electrical	TI	3100508	Spring Auto tensioning device (Spring ATD)	3100508001	Spring Auto tensioning device for 2000 kgf Tension in OHE	4
8	Electrical	ELECTRIC LOCO	3100091	Axle Box Bearing For WAP5 Locomotives	--	--	3
9	Electrical	ELECTRIC LOCO	3100127	Brake System for 3-phase locomotives	--	--	3
10	Electrical	ELECTRIC LOCO	3100141	Oil Free Main Compressor for 3-Phase Electric & WAP-4 Locomotives (1750 LPM Capacity)	--	--	3
11	Electrical	ELECTRIC LOCO	3100226	Development of Functionality Equilent PCB Cards of GTO Based Converters and MICAS VCU in Three Phase Electric Locomotives	--	--	3
12	Electrical	ELECTRIC LOCO	3100231	Metallised Carbon Strips for pantograph with Auto dropping device	--	--	3

13	Electrical	TI	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 for 25 kV AC TSS on Indian Railways.	--	--	3
14	Electrical	TI	3100445	Light Weight Section Insulators Assembly	--	--	3
15	Electrical	ELECTRIC LOCO	3100585	FOG PILOT ASSISTANCE SYSTEM for SAFETY (FOG PASS)	--	--	3
16	Electrical	TI	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.	--	--	2
17	Electrical	TI	3100086	Higher diameter (22.5 mm to 26 mm dia.) Continuous Cast Copper (CCC) Wire Rod (Manufactured by South Wire Process)	--	--	1
18	Electrical	TI	3100208	25 kV Composite section Insulator (1050 mm CD)	--	--	1
19	Electrical	TI	3100508	Spring Auto tensioning device (Spring ATD)	3100508002	Spring Auto tensioning device for 2400 kgf Tension in OHE	0
20	Electrical	TI	3100508	Spring Auto tensioning device (Spring ATD)	3100508003	Spring Auto tensioning device for 3000 kgf Tension in OHE	0
21	Engineering	Track Design II	3100037	NYLON CORD REINFORCED ELASTOMERIC PAD	3100037003	NYLON CORD REINFORCED ELASTOMERIC PAD	4
22	Engineering	Track Design II	3100467	FISH PLATE BARS	3100467001	FISH PLATE BARS	4
23	Engineering	Track Design I	3100494	Fusion welding of rails by Alumino Thermic Process	3100494016	60kg (1080 HH) Rail with 25 mm gap using CAP/ Oxy LPG/ Oxy propane preheating with 3 piece mould (Zr-Washed) manually pressed /core shooted with Auto Tapping Thimble &	4

						SSC	
24	Engineering	TMM	3100522	Rail Drilling Machines	3100522003	Battery Operated Rail Drilling Machine	4
25	Engineering	Track Design I	3100494	Fusion welding of rails by Alumino Thermic Process	3100494013	60kg/60E1 (R350HT grade) rail & 60kg/60E1 (R260) with 25 mm gap using CAP/ Oxy LPG/ Oxy propane preheating with 3 piece mould (Zr-Washed) manually pressed /core shooted with Auto Tapping Thimble & SSC	3
26	Engineering	TMM	3100534	Gang Worksite Remote Control Hooter	--	--	3
27	Engineering	TMM	3100540	GPS Based Foot Plate Inspection Device	--	--	3
28	Engineering	TMM	3100548	GPS Based Oscillation Monitoring System	--	--	3
29	Engineering	TMM	3100532	Hydraulic Rail Tensor (Non-Infringing) 70t Capacity	--	--	2
30	Engineering	Track Design II	3100589	PRE-TENSIONED PRESTRESSED CONCRETE SLEEPERS FOR BROAD GAUGE, METRE GAUGE AND NARROW GAUGE	--	--	0
31	Mechanical	MOTIVE POWER	3100200	Composition Brake Block for ALCO, HHP Diesel Locomotives & Electric Locomotives	3100200004	'L' Type Composition Brake Block, ALCO & Electric Locomotives (For BG Locos)	4
32	Mechanical	MOTIVE POWER	3100203	Coupler Assembly for ALCo, HHP Deisel Locomotives & Electric Locomotives	3100203003	Coupler E-type for EMD locomotives to BLW Part no. 17451103 & 17454505	4
33	Mechanical	WAGON	3100220	Bogie Mounted Brake System for freight stock fitted with Casnub Type Bogie (As per spec no. WD-23-BMBS-2008)	--	--	4
34	Mechanical	MOTIVE POWER	3100222	Brake Equipments, ALCO & Electric Locomotives	3100222003	D-1 Emergency Brake Valve	4
35	Mechanical	MOTIVE POWER	3100222	Brake Equipments, ALCO & Electric Locomotives	3100222008	J-1 Safety Valve	4
36	Mechanical	MOTIVE POWER	3100259	Draft Gear Soft with Yoke Assembly	--	--	4
37	Mechanical	MOTIVE POWER	3100264	AC-AC Traction Control System for 4500HP HHP Diesel-Electric Locomotives	3100264001	AC-AC Traction Control System for 4500HP HHP Diesel-Electric Locomotives	4

38	Mechanical	MOTIVE POWER	3100282	Bearings, Traction Motor- TM Drive end (DIN 43283-N 332-ECM-SRL 340-370-VA309), TM Non-drive end (DIN 43283-6326-M/C5-VA309) for EMD locomotives	3100282001	Bearings, Traction Motor- TM Non Drive end (DIN 43283-6326-M/C5-VA309)	4
39	Mechanical	MOTIVE POWER	3100312	Screw couplings (Including Spares) for Freight, Coaching & Locomotive application	3100312001	Screw coupling for Coaching stocks	4
40	Mechanical	CARRIAGE	3100325	Distributor Valve with Relay Valve for air brake system of Passenger stock on Indian railways to Spec. No. C-K209	3100325001	Distributor Valve with Relay Valve for air brake system of Passenger stock on Indian railways	4
41	Mechanical	CARRIAGE	3100335	Electro Pneumatic Brake System for EMU,DMU & MEMU stock of Indian Railways	3100335001	Electro Pneumatic Brake System for EMU,DMU & MEMU stock of Indian Railways	4
42	Mechanical	CARRIAGE	3100366	Direct Mounted Double Row Self-aligning Spherical Roller Bearing for use on ICF Type ALL- Coil Bogie for Passenger Coaches to RDSO Spec. No. C-8527 (Rev.01) with Amendment No.4.	3100366001	Direct Mounted Double Row Self-aligning Spherical Roller Bearing No. 22328 C/C3 for use on ICF Type ALL- Coil Bogie for Passenger Coaches to RDSO Spec. No. C-8527 (Rev.01) with Amendment No.4.	4
43	Mechanical	CARRIAGE	3100366	Direct Mounted Double Row Self-aligning Spherical Roller Bearing for use on ICF Type ALL- Coil Bogie for Passenger Coaches to RDSO Spec. No. C-8527 (Rev.01) with Amendment No.4.	3100366002	Direct Mounted Double Row Self-aligning Spherical Roller Bearing No. 22326 C/C3 for use on ICF Type ALL- Coil Bogie for Passenger Coaches to RDSO Spec. No. C-8527 (Rev.01) with Amendment No.4.	4
44	Mechanical	CARRIAGE	3100366	Direct Mounted Double Row Self-aligning Spherical Roller Bearing for use on ICF Type ALL- Coil Bogie for Passenger Coaches to RDSO Spec. No. C-8527 (Rev.01) with Amendment No.4.	3100366003	Direct Mounted Double Row Self-aligning Spherical Roller Bearing No. 22320 C/C3 for use on ICF Type ALL- Coil Bogie for Passenger Coaches to RDSO Spec. No. C-8527 (Rev.01) with Amendment No.4.	4
45	Mechanical	MOTIVE POWER	3100384	Spring-Single Coil for HHP Locomotives	3100384001	Spring-Single coil for WDG4D Locomotives (RDSO Drawing no.	4

						SK.VL-755 Alt. 02 / DLW Part no. 17410137) PL No. 17410137	
46	Mechanical	WAGON	3100411	Cast Steel bogies and its components for CONCOR Flat Wagons	3100411009	Brake Beam	4
47	Mechanical	MOTIVE POWER	3100082	Auxiliary Power Unit for HHP Locomotives	--	--	3
48	Mechanical	MOTIVE POWER	3100162	Other Brake equipments, ALCo, HHP & Electric Locomotives	3100162001	Valve- Emergency Brake for HHP Locomotives	3
49	Mechanical	MOTIVE POWER	3100162	Other Brake equipments, ALCo, HHP & Electric Locomotives	3100162003	Feed Valve, ALCo, EMD & Electric locomotives	3
50	Mechanical	MOTIVE POWER	3100200	Composition Brake Block for ALCO, HHP Diesel Locomotives & Electric Locomotives	3100200003	High Friction Composition Brake Block, HHP locomotives	3
51	Mechanical	WAGON	3100249	Assembly and components of CTRB for use on freight stock	3100249001	AAR approved Taper Roller Cartridge Bearings class E(6"X11") complete for use on freight stock	3
52	Mechanical	M&C	3100266	Digital Ultrasonic Testing Equipment for welded rail joints with coloured LCD TFT screen, trigonometrical function and A-Scan storage	--	--	3
53	Mechanical	MOTIVE POWER	3100312	Screw couplings (Including Spares) for Freight, Coaching & Locomotive application	3100312002	Screw couplings for Freight stock	3
54	Mechanical	MOTIVE POWER	3100312	Screw couplings (Including Spares) for Freight, Coaching & Locomotive application	3100312003	Screw couplings for Locomotives	3
55	Mechanical	WAGON	3100364	Non-Asbestos K- type Composition Brake Blocks for freight stock (840mm wheel dia.)	--	--	3
56	Mechanical	MOTIVE POWER	3100379	Rubber Spring Assembly for HHP Locomotives	3100379001	Rubber Spring Assembly-A & B for WDP4 locomotives: (A- EMD Part no. 40090677, DLW Part No. 17021121; PL No. 17021121 and B- EMD Part no. 40090678, DLW Part No. 17021133; PL No. 17021133	3
57	Mechanical	WAGON	3100389	Component of Graduated release	3100389006	Pressure gauge for air brake System	3

				compressed air brake equipments for Freight & Coaching stock			
58	Mechanical	WAGON	3100456	AAR Approved Cartridge Tapered Roller Bearings Class 'K' (6 1/2"X9") for Freight Stocks Fitted with Light Weight Low Height (LWLH) Bogies (Narrow Jaw) for 25t axle load application to RDSO STR No. AB/RB-41-2016	--	--	3
59	Mechanical	M&C	3100580	Digital Ultrasonic Double Rail Tester with 9 Probes on each rail and minimum two base lines coloured signals and real A-Scan pulse echo with continuous recording of B-Scan storage of each probe alongwith data setups	--	--	3
60	Mechanical	M&C	3100581	Digital Ultrasonic Single Rail Tester with 9 Probes, coloured signals and real AScan pulse echo with continuous recording of B-Scan storage of each probe alongwith data setups.	--	--	3
61	Mechanical	M&C	3100265	Portable Digital Ultrasonic Flaw Detectorwith A-Scan Storage	--	--	2
62	Mechanical	WAGON	3100309	Elastomeric Pads	3100309003	Elastomeric Pads , Design-X	1
63	Mechanical	WAGON	3100453	Automatic Twist Lock (ATL)	--	--	1
64	Mechanical	CARRIAGE	3100174	Spring steel rounds for rolling stock	3100174004	Spring steel rounds - Material Gr. 54SiCr6 (FDSiCr) to IS: 4454 (Part-2)	0
65	Mechanical	CARRIAGE	3100204	Axle Mounted Disc Brake & EP Assist Brake System for LHB type BG Mainline Coaches	3100204002	Axle Mounted Disc Brake & EP Assist Brake System for LHB type BG Mainline Coaches	0
66	Mechanical	WAGON	3100249	Assembly and components of CTRB for use on freight stock	3100249010	AAR approved CTRB upgraded Class E (6 X11) complete for used on freight stock.	0
67	Mechanical	WAGON	3100249	Assembly and components of CTRB for use on freight stock	3100249011	Grease Seal for Class E (6 X11) CTRB used in freight stock	0

68	Mechanical	WAGON	3100249	Assembly and components of CTRB for use on freight stock	3100249012	Grease Seal for upgraded Class E (6 X11) CTRB used in freight stock	0
69	Mechanical	CARRIAGE	3100337	Non Asbestos Based Organic Brake Pads	3100337002	NON-ASBESTOS BASED ORGANIC BRAKE PADS FOR VANDE BHARAT TRAIN SET INCLUDING EMU-US & MEMU-US COACHES EQUIPPED WITH WHEEL MOUNTED BRAKE DISC ON INDIAN RAILWAY	0
70	S AND T	Telecom	3100005	Control Communication Equipment for OFC Using 2-Wire Telephones (CCEO)	--	--	4
71	S AND T	Signal	3100006	BPAC	3100006003	Block Proving By Axle Counter (BPAC) using UFSBI (For double line and single Line)	4
72	S AND T	Signal	3100158	SECONDARY BATTERY /CELLS FOR S&T	3100158004	Valve Regulated (Sealed) Lead Acid Stationary Battery For Railway S&T Installations: 40 AH	4
73	S AND T	Signal	3100158	SECONDARY BATTERY /CELLS FOR S&T	3100158009	Valve Regulated (Sealed) Lead Acid Stationary Battery For Railway S&T Installations:80AH	4
74	S AND T	Signal	3100237	Data logger system for Railway S&T Installations	3100237001	Data logger system for Railway S&T Installations	4
75	S AND T	Signal	3100385	RELAYS (METAL TO CARBON)	3100385015	RELAYS - Miniature, Plug in Type, M to C, Tractive Armature, NON ACI, DC Biased Line Relay, Style QB3, 12 V DC, 4F-2B Contact, Code ABFGX	4
76	S AND T	Signal	3100385	RELAYS (METAL TO CARBON)	3100385022	Miniature, Plug in type, M to C, DC Neutral Line Relay, 24V DC, 1000 , NON ACI Style- QN1K, 8F-8B/12F-4B Contact, Code ABCDF/ABCDE	4
77	S AND T	Signal	3100437	RELAYS (METAL TO METAL)	3100437008	Relay - 110V AC LED ECR for LED Signal Lamp : Metal to Metal	4
78	S AND T	Signal	3100008	Filter Unit for Use in	3100008001	Filter Unit for Use in	3

				Conjunction With Block Instrument In 25kv, 50 Hz, Ac Traction Areas		Conjunction With Block Instrument In 25kv, 50 Hz, Ac Traction Areas	
79	S AND T	Telecom	3100038	4 Wire / 2 Wire Train Traffic Control Equipment with Dual Tone Multi Frequency (DTMF) Signalling	3100038001	4 Wire/2 Wire Train Traffic Control Equipment with Dual Tone Multi Frequency(DTMF) Signalling	3
80	S AND T	Signal	3100057	Relays 3-Position DC Polarized, 3 PPR, 77 Ohm (Metal to Metal)	3100057001	Relays 3-Position DC Polarized, 3 PPR, 77 Ohm (Metal to Metal)	3
81	S AND T	Signal	3100066	Fail Safe Electronic Time Delay Device For Railway Signalling (FSETTD)	3100066002	Fail Safe Electronic Time Delay Device For Railway Signalling : Working Voltage 60V DC with time delay of 10/20/30/60/120 Sec	3
82	S AND T	Signal	3100095	120/160/200 Way TAG Blocks For Signalling Installations	3100095001	120/160/200 Way TAG Blocks For Signalling Installations	3
83	S AND T	Telecom	3100111	Universal Wayside DTMF Control Telephone	3100111001	Universal Wayside DTMF Control Telephone	3
84	S AND T	Telecom	3100112	Portable control telephone	3100112002	4-Wire/2 Wire Portable Control Telephone	3
85	S AND T	Telecom	3100115	Way station control telephone	3100115002	4 Wire Way Station Control Telephone	3
86	S AND T	Telecom	3100137	Primary Digital Multiplexing Equipment	3100137001	Primary Digital Multiplexing Equipment	3
87	S AND T	Signal	3100155	Block Bell Equipment	3100155001	Block Bell Equipment Used In 25KV AC Electrified Area	3
88	S AND T	Signal	3100194	LED SIGNAL LAMPS	3100194003	LED SIGNAL LAMPS : LED Signal Lamps for Use in Tunnels in Metro Railway, Kolkata For Railway Signalling	3
89	S AND T	Signal	3100230	Key Lock Checking Relay with D.C. Neutral Relay, (A.C. Immunised/ Non A.C Immunished) for Railway Signalling Purposes	3100230001	Key Lock Checking Relay with D.C. Neutral Relay, (A.C. Immunised/ Non A.C Immunished) for Railway Signalling Purposes	3
90	S AND T	Signal	3100268	DIGITAL AXLE COUNTER	3100268002	High Availability Single Section Digital Axle Counter	3
91	S AND T	Telecom	3100332	TELECOM JOINTING KITS	3100332001	Thermo Shrink Jointing Kit For Jointing Underground Quad Cable (0.9 mm Conductor Dia.)	3

92	S AND T	Signal	3100385	RELAYS (METAL TO CARBON)	3100385009	RELAYS - Miniature, Plug in Type, M to C, Thermal Time Element Relay, Style QCJ1, 2F-1B Contact, 24 V DC, Code AFGHK	3
93	S AND T	Signal	3100437	RELAYS (METAL TO METAL)	3100437001	Relays -DC Neutral Line Relay, ACI, 60 V DC (Metal to Metal Contact)	3
94	S AND T	Signal	3100437	RELAYS (METAL TO METAL)	3100437003	Relays -DC Neutral Line Relay, Non ACI, 24V/60 V DC (Metal to Metal Contact)	3
95	S AND T	Signal	3100437	RELAYS (METAL TO METAL)	3100437004	Relays : Special Type, WKR2 (Metal to Metal)	3
96	S AND T	Signal	3100437	RELAYS (METAL TO METAL)	3100437005	Relays - Special Type, Double wound DC Neutral Line Relay (Metal to Metal)	3
97	S AND T	Signal	3100437	RELAYS (METAL TO METAL)	3100437007	Relays - Mech. Interlocked Relay, 24V/60V (Metal to Metal)	3
98	S AND T	Signal	3100437	RELAYS (METAL TO METAL)	3100437009	RELAYS : Point contactor unit	3
99	S AND T	Signal	3100006	BPAC	3100006002	SSBPAC (DIGITAL) For Double Line and Single Line	2
100	S AND T	Signal	3100245	Universal Fail safe Block Interface	3100245001	Universal Fail safe Block Interface	2
101	S AND T	Signal	3100260	Advanced Auxiliary Warning System (AAWS)	3100260001	Advanced Auxiliary Warning System (AAWS)	2
102	S AND T	Signal	3100148	Single line Block instrument (token less)	3100148003	Push Button TLBI with UFSBI	1
103	S AND T	Signal	3100583	Failsafe Network Multiplexer (FNmux)	--	--	0
104	S AND T	Telecom	3100590	VHF sets to be used on Indian Railways	3100590001	Analog Walkie-Talkie set with basic feature	0
105	S AND T	Telecom	3100590	VHF sets to be used on Indian Railways	3100590002	Digital Walkie-Talkie set without Key-pad & with or without Display	0
106	S AND T	Telecom	3100590	VHF sets to be used on Indian Railways	3100590003	DMR Walkie-Talkie with Keypad and Display	0
107	S AND T	Telecom	3100590	VHF sets to be used on Indian Railways	3100590004	25 W VHF Digital Radio Set	0

Note: For further details regarding item specifications, schedule of technical requirements, drawings & Images etc., kindly refer UVAM website <https://www.ireps.gov.in/epsn/jsp/cvap/admin/cvapApprovalVendorAnony.jsp>