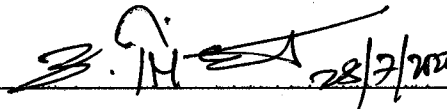


VALIDITY	FROM	TO	MASTER LIST NO	VERSION No: 13
	28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No:2

ICF/ELEC/I-2
VERSION : 13
Amendment 2



ICF VENDOR LIST
FOR ELECTRICAL ITEMS
(VVALID UPTO 31-03-2021)

SIGNATURE	
ISSUED BY	CDE / ELEC

INTEGRAL COACH FACTORY
CHENNAI - 600 038

VALIDITY	FROM	TO	MASTER LIST NO	VERSION No: 13
	28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No: 2

1. THE MASTER LIST OF VENDORS VALID UPTO 31STMARCH 2021FOR ELECTRICAL ITEMS FOR PASSENGER COACHES. THE SPECIFICATION / DRAWING NUMBER OF EACH OF THE ITEMS HAS BEEN GIVEN IN COLUMN NO. 3 ALONG WITH DESCRIPTION
2. APPROVED VENDORS FOR MANUFACTURE AND SUPPLY OF ITEMS / EQUIPMENTS ARE PUT IN COLUMN No. 4. VENDORS FOR DEVELOPMENT ORDERS ARE PUT IN COLUMN No. 5
3. THE MASTER LIST IS DIVIDED IN FIVE CHAPTERS CONSISTING OF PART A - ROOF ITEMS, PART B - CAB & CUBICLE ITEMS, PART C - UNDER FRAME ITEMS, PART D - COMMON ITEMS AND PART E - PANTRY ITEMS
4. CURRENCY OF TYPE TEST APPROVAL IS MANDATORY. FIRMS AND INSPECTING AUTHORITY SHALL ENSURE THE SAME.
5. ALL THE SPECIFICATIONS AND DRAWINGS MENTIONED SHOULD BE READ WITH LATEST ALTERATION ONLY.
6. AUTHORIZED AGENTS OF APPROVED SOURCES, WHENEVER INDICATED IN THEIR LIST IS NOT BINDING. ITEMS CAN BE PROCURED FROM ANY AUTHORIZED AGENT OF THE APPROVED FIRM.
7. LATEST AMENDMENTS TO THIS DOCUMENT CAN BE SEEN ON “www.icf.indianrailways.gov.in”
8. THIS VENDOR LIST IS VALID FROM 06.05.2020AND IS VALID TILL 31.03.2021. IF THERE IS ANY CHANGE IN THE LIST, THE DATE OF EFFECT WILL BE MENTIONED IN BRACKETS.
9. VENDOR PORTAL IN ICF WEBSITE MAY BE REFERRED FOR THE LATEST CHANGES.

INDEX	FROM	TO	MASTER LIST NO	VERSION No: 13
	28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No:2

SL.NO	ITEM DESCRIPTION	PAGE NUMBER
-------	------------------	-------------

A SAFETY

1	SIDE LAMP FOR GUARD'S COMPT - IRS CA EF 636 , ICF/SK 7-6-024,SIDE LAMP 110 V TO SKEL - 4094	1
2	EMERGENCY LIGHT UNIT FOR LHB EOG COACHES	1
3	TAIL LIGHT LED TYPE WITH FLASHER UNIT&VHF CHARGING SOCKET TO DRG.No.LP-7-3-200, ALT.C TO RCF SPEC. EDTS 215	2
4	SMOKE DETECTOR UNIT TO SPEC. No. EDTS-087	2
5	SWITCH ALARM TO - EMU/M 3-5-297, COL 1, Alt. g	2
6	FRP CLEATING ARRANGEMENT	3
7	FRLT COTTON INSULATION TAPE-ICF ELEC 921 CS No.2, REV 0	3
8	CABLE JACKET TO SPEC. No. EDTS 138	3

B CRITICAL & VITAL

1	DOUBLE INLET (TYPE I) AND SINGLE INLET (TYPE II) CENTRIFUGAL BLOWER ASSEMBLY	4
2	EMERGENCY FEED TERMINAL(FRP-SMC)- GS 7-5-004/ COL-1	4
3	BRAIDED COPPER STRIP	4
4	SET OF SWITCH PLATE ASSEMBLY TO VARIOUS EDML SPECIFICATIONS	5
5	PRE-WIRED POWER PANEL FOR SG TYPE AC COACHES TO ICF SPEC NO: ICF/ELEC-874, REV.A DRG. No. WGACCN 7-2-002,WGACCN-7-2-007, Alt. b	6
6	CONTROL PANEL FOR VENT FAN, BATTERY CHARGING & RADIATOR FAN TO SPEC. No. EDTS-110, EDTS116,EDTS114 & EDTS-168	6
7	INTER VEHICLE COUPLERS – ICF/SK/ 7-5-053,Col I & II, Alt. i, Type A,B,C, D & E – ICF/ SK 7-5-054, Col –I, Alt. j	7
8	JUMPER CABLE WITH CONNECTOR / INTER COACH COUPLER FOR PA SYSTEM TO DRG. NO. LW 75206, Alt. 'C	7
9	5KVA TRANSFORMER- ICF/ELEC/906, Rev. 1	8
10	DISTRIBUTION TRANSFORMER 3 KVA	8

INDEX	FROM	TO	MASTER LIST NO	VERSION No: 13
	28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No:2

11	AMALGAMATED TRANSFORMER	8
12	60 KVA TRANSFORMER FOR AC COACHES	8
13	9 KVA TRANSFORMER FOR NON-AC COACHES	9
14	STARTER BATTERY CHARGER 24V, 225AH TO EDTS 106	9
15	4.5 KW ALTERNATOR 110/ 120 V DC TO RDSO/PE/SPEC/TL/ 0054-2003 ((REV.'0') WITH AMNDT. NO. 1 & 2	9
16	25 KW ALTERNATOR 110/130VDC ALTERNATOR RDSO/PE/SPEC/AC/ 0056-2014 (REV.'1')	10
17	BELT TENSIONING DEVICE, SUSPENSION PIN FOR TL & AC COACHES AND AXLE/ALTERNATOR PULLEYS TO ELPS/SPEC/TL/13, MARCH 1998FOR 4.5 KW ALTERNATOR	10
18	BELT TENSIONING DEVICE, SUSPENSION PIN FOR TL & AC COACHES AND AXLE/ALTERNATOR PULLEYS TO ELPS/SPEC/TL/13, MARCH 1998FOR 25 KW ALTERNATOR	10
19	TM ALTERNATOR BEARING(67981/67919 & 67982/67919) FOR KOL.METRO(TRACTION MOTOR 3701 BX/BY)	11
20	0.5 HP SELF PRIMING MONO BLOCK PUMP FOR WATER RAISING PURPOSE IN IR COACHES TO RDSO /PE /SPEC /AC /0022 (REV 0) SEPT 2002 WITH AM-1	11
21	MOTOR CONNECTION BOX - ICF/SK 7-1-470, Alt. d	12
22	BATTERY FUSE BOX to DRAWING No. LW 71001 Alt 'g' and LW 71002 Alt 'g'	12
23	FEEDER JUNCTION BOXES TO SPEC Nos. EDML 020, EDML 021, EDTS 328	13
24	CABLE DUCT FOR LHB COACHES	13
25	SUPPLY & INSTALLATION OF ELECTRICAL CABLE TRAY AND ITS ACCESSORIES INCLUDING HARDWARE AND SET OF CLAMPS FOR SELF PROPELLED COACHES AS PER VARIOUS ICF DRAWINGS AND SPECIFICATIONS	14
26	PUMP WITH CONTROLLER to EDTS-186, Rev.A, AM-2	15
27	ENDLESS V BELT FOR RAILWAY COACHES SIZE C 122 & C 84 TO RDSO/PE/SPEC/AC/ 0059-2004 (REV. '0') WITH AMENDMENT NO 1	15
28	WHEEL SET EARTHING EQUIPMENT TO EDTS 101, REV.C, AM-1, COR-3	15
29	BATTERY CHARGING SOCKET AND FUSE BOX TO DRG ICF/SK3 - 7-1-055, EMERGENCY FEED TERMINAL BOX TO DRG ICF/SK3-7-1-057,BATTERY FUSE CUM CHARGING BOX TO ICF/SK3 -7-1-082.	16
30	CAPACITOR BANK FOR LHB EOG COACHES TO EDML 130	16

INDEX	FROM	TO	MASTER LIST NO	VERSION No: 13
	28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No:2

31	EXTERNAL SUPPLY SOCKET 125A, 415V, IP67, 5 POLE (3P+N+E)	16
32	CABLE HARNESS .	17
33	CRIMPING SOCKETS	18
34	CABLE MARKING SYSTEM/ HEAT SHRINKABLE SLEEVES	19
35	SUPPLY & INSTALLATION OF EPDM MODULAR BASED CABLE / PIPE SEALING SYSTEM	19
36	ALUMINIUM ALLOY CONDUIT OF THREADABLE QUALITY TO DESIGNATION 63400 OF TABLE-1 AND CONDITION T6 (NEW) OR WP (OLD) OF TABLE-2 OF IS: 1285	19
37	CABLE TIES - NON RETURNABLE, SELF EXTINGUISHING TO OPERATING TEMPERATURE -25 DEG TO +125 DEG	20
38	TERMINAL STRIP ASSEMBLY	20
39	ROOF THROUGH BOX TO DRG NO.EMU/DMC/AC/76011,MCB BOXES TO IS: 8623,ALL JUNCTION BOXES	21
40	MODULAR INTEGRATED PANTRY UNIT FOR BUFFET COACHES TO RCF Spec. No..EDTS 118 FOR LHB	22
41	COMPOSITE PANTRY FOR CHAIR CAR/ECC/ ACCN/ ACCW TO RCF SPEC NO. EDTS 130 & EDTS 139	22

C	<u>PASSENGER AMENITY ITEMS</u>	
1	RAILWAY CARRIAGE FAN (110V AC/DC AND 140V AC) TO IS 6680-1992 WITH ANNEX H (REVISED IN DEC. 2005) WITH ICF ANNEXURE-1, CS-1	23
2	R.C.FANS 110V/140V AC 450 MM SWEEP TO RDSO SPEC–RDSO/PE/SPEC/TL/0050-2010, REV-1	23
3	UNIVERSAL BRUSHLESS SENSORLESS RAILWAY CARRIAGE FAN (110V AC / 110V DC)	23
4	BRUSHLESS SENSORLESS DC RAILWAY CARRIAGE FAN TO RDSO SPEC. NO. RDSO/PE/SPEC/TL/ 0021/2005 (REV. 3) WITH AMENDMENT NO.1	24
5	I. ENERGY EFFICIENT LED BASED LUMINAIRE UNIT TO SPEC. No. RDSO/PE/SPEC/TL/0091 (Rev.1) -2016. II. LED BASED BERTH READING LIGHT III. LED BASED PASSENGER ALARM INDICATION IV. LED BASED NIGHT LIGHT CUM BERTH INDICATION LIGHT FITTING V. LED BASED TOILET OCCUPIED LIGHT FITTING (Rev.1)-2016 (SAFETY ITEM)	25

INDEX	FROM	TO	MASTER LIST NO	VERSION No: 13
	28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No:2

6	LED BASED TUBE LIGHTS AND LAMPS FOR RETROFITMENT OF FL , CFL & INCANDESCENT BULBS ICF/ELEC/960, Rev.0,CS1 , CS2,CS3	26
7	SET OF DIFFUSERS TO LW76012, Alt. 'b, LW76056, Alt. 'b'	27
8	ROOF MOUNTED VENTILLATION UNIT	27
9	PA SYSTEM TO SPEC No. EDTS-173	27
D	ITEMS OF OTHER DIRECTORATE ROOF MOUNTED AC PACKAGE UNIT & ALLIED ITEMS SWITCH BOARD CABINET,SET OF PANELS INHIBITED OIL FOR CONVENTIONAL LOCO TO IS 12463-1988 25 KVA UNDER SLUNG INVERTER BATTERY CHARGERS AND BATTERIES ERRU TRACTION MOTOR, AXLE SUSPENSION BEARING OIL, GEAR CASE OIL DA SET 500 KVA ZS COUPLING CABLES POLYAMIDE CONDUIT ADVANCED AUTOMATIC WARNING SYSTEM TWIN BEAM HEAD LIGHT PANTOGRAPHS AND SPARES FOR PANTOGRAPH METALLISED CARBON STRIP VACCUM CIRCUIT BREAKER CABLE HEAD TERMINATION SYSTEM	28-37

PAGE 1 OF 37		VALIDITY	FROM	TO	MASTER LIST No.	VERSION No: 13
			28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No: 2
S.No	CATEGORY & UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	

A SAFETY ITEMS:-

1	33580509	SIDE LAMP FOR GUARD'S COMPT - IRS CA EF 636 , ICF/SK 7-6-024 SIDE LAMP 110 V TO SKEL - 4094	1.KRISHNA METALLURGICAL WORKS, CHENNAI 2. KAMLESH INDUSTRIES, MUMBAI		
2	33566800	EMERGENCY LIGHT UNIT FOR LHB EOG COACHES RDSO/PE/SPEC/AC/ 0180-2016 (REV.0) WITH RDSO DRG. NO. RDSO/PE/SK/TL/0181-2016(REV.0) SHEET NO. 1&2	1.DR AUTO INDUSTRIES#, DELHI 2.INTEG ELECTRONICS , NEW DELHI 3.INTRA ELECTRONICS, PUNE 4.MAAVE ELECTRONICS, HYDERABAD 5. VGS TECHNOLOGIES, HYDERABAD 6. A PAUL SOFTWARE SYSTEMS PVT LTD, DELHI	1. ARECA EMBEDDED SYSTEMS PVT. LTD., HYFERABAD 2. RT VISION TECHNOLOGIES PVT LTD,,DELHI 3. CONCORD CONTROL SYSTEMS PVT. LTD., LUCKNOW 4. PRECISION SAFETY EQUIPMENT LTD., DELHI@ 5. DHINGRA ENGG. WORKS, NEW DELHI#@ 6. DAN ELECTRONICS SYSTEM PVT. LTD., NEW DELHI@	# SISTER/ ALLIED CONCERN (REF: RB LETTER NO. 2005/ELECT (TRS)/441/10 PT. DT. 02.05.2006. @APPROVED WITH ICF SPECN. NO. ICF/ELEC/917 REV.1. HOWEVER, REVALIDATION IS PENDING AS PER RDSO/PE/SPEC/A C/ 0180-2016 (REV.0) WITH RDSO DRG. NO. RDSO/PE/SK/TL/ 0181-2016(REV.0) SHEET NO. 1&2.

PAGE 2 OF 37		VALIDITY	FROM	TO	MASTER LIST No.	VERSION No: 13
			28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No: 2
S.No	CATEGORY & UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	

3	33580650	TAIL LIGHT LED TYPE WITH FLASHER UNIT&VHF CHARGING SOCKET TO DRG.No.LP-7-3-200, ALT.C TO RCF SPEC. EDTS 215, AMENDMENT 1	1. D.R.AUTO INDUSTRIES,DELHI 2. DHINGRA ENGINEERING WORKS,DELHI	1. ALTOS ELECTRONICS, PUNE 2. ELECTRONIC EQUIPMENT CO., KOLKATA	
4	33580388	SMOKE DETECTOR UNIT TO SPEC. No. EDTS-087	1. PRECISION SAFETY EQUIPMENT, NEWDELHI 2. AGNI INSTRUMENTS ENGINEER INDIA (P) LTD., DELHI 3. INTEG ELECTRONICS, NEW DELHI	1. ABITRON INDIA MUMBAI # 2. SUBTRONICS (INDIA) PVT. LTD., MUMBAI #	# APPROVAL FOR REVALIDATION IS PENDING AS PER REV B.
5	45158368	SWITCH ALARM TO - EMU/M 3-5-297, COL 1, Alt. g	1.KRISHNA METALLURGICAL WORKS, CHENNAI 2. VAANAVIL ENTERPRISES, CHENNAI	1. GUNAM ENGINEERING	

PAGE 3 OF 37		VALIDITY	FROM	TO	MASTER LIST No.	VERSION No: 13
			28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No: 2
S.No	CATEGORY & UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	

6	30710959 31710086 31710098 31710104 31710116 31710128 31710130 31710141 31710153	FRP CLEATING ARRANGEMENT EMU / M2 7-2-529 DMU/DPC/7-1-004 EMU/M2/7-1-529 ICF/MRVC/M-7-1-013 ICF/MRVC/M/BT 7-1-009 DMU/DPC-7-1-018 WGFAC12-7-1-204	1.ORIENTAL INSULATORS, FARIDABAD 2.KONTACT CONSORTIUM INDIA PRIVATE LTD., CHENNAI	1. CSM ENGINEERS, FARIDABAD	
7	41096850 41096903 41097040 41097051 41097087	FRLT COTTON INSULATION TAPE-ICF ELEC 921 CS No.2, REV 0	1.PRS PERMACEL BRAND, CHENNAI 2.SNEHAM INTERNATIONAL, BELGAUM 3. CG-PPI ADHESIVE PRODUCTS, GOA		
8	31766420 33622700 36717034 33620325 33580716 33620301 31757340 33580480	CABLE JACKET TO SPEC. No. EDTS 138	1. TYCO 2. WERNER 3. PMA 4. FEDERAL MUGAL 5.MV ELECTRO SYSTEM PVT. LTD, FARIDABAD 6. INTERNATIONAL SWITCH GEARS PVT. LTD., MOHALI	1. S.D.ENTERPRISES, FARIDABAD	

PAGE 4 OF 37		VALIDITY	FROM	TO	MASTER LIST No.	VERSION No: 13
			28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No: 2
S.No	CATEGORY & UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	

B CRITICAL & VITAL ITEMS:-

1	33580339 33566707	DOUBLE INLET (TYPE I) AND SINGLE INLET (TYPE II) CENTRIFUGAL BLOWER ASSEMBLY to RCF Spec. No. EDTS 331. Cor-3	1. ARIHANT ELECTRICALS, DELHI (FOR ROSENBERG MAKE) 2. INTEG ELECTRONICS, NEW DELHI 3.KONTACT CONSORTIUM INDIA PVT LTD, CHENNAI (EYYANI ELECTRICAL MACHINES MAKE)		
2	45014450	EMERGENCY FEED TERMINAL(FRP-SMC)- GS 7-5-004/ COL-1	1.ORIENTAL INSULATORS, FARIDABAD 2.JANGDA ELECTRIC IND, MUMBAI 3.KAMLESH INDUSTRIES, MUMBAI	1.ROTATORY ELECTRICALS, HARIDWAR 2.CSM ENGINEERS, FARIDABAD	
3	31710300 31710311 31710323	BRAIDED CU. STRIP - ICF/SK 7-2-487, Alt. b, ITEM 1, 2 & 3	1. BALAJI ENGINEERING WORKS, CHENNAI 2. KAMLESH INDUSTRIES, MUMBAI	1. SHANTHI ENGINEERING WORKS,MUMBAI 2. L.D.BHATTAR& CO, KOLKATTA	

PAGE 5 OF 37		VALIDITY	FROM	TO	MASTER LIST No.	VERSION No: 13
			28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No: 2
S.No	CATEGORY & UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	

4	33765467 33764992 33763331 33763320 33641572 33760068 33768146 33768973 33769692 33769254	SET OF SWITCH PLATE ASSEMBLY TO VARIOUS EDML SPECIFICATIONS	1. JAGAN GOPALA & CO., CHANDIGARH (ESS ESS KAY MAKE SWITCH) 2.. KAVERI INDUSTRIES, NEWDELHI(ESS ESS KAY MAKE SWITCH) 3. ESS ESS KAY, KAPURTHALA 4 . KUMRA ELECTRIC STORE, KAPURTHALA(ESS ESS KAY MAKE SWITCH) 5. VIVEK INDUSTRIAL PRODUCTS, KAPURTHALA (ESS ESS KAY MAKE SWITCH) 6 CRABTREE 7.ASIAN ART INDUSTRIES (RECORD MAKE SWITCH) 8. CPL 9. ANISH ELECTRICALS, CHENNAI (RECORD MAKE SWITCH) 10.KONTACT CONSORTIUM (INDIA) PVT LTD, CHENNAI (SALZER MAKE SWITCH)	1. INTERNATIONAL SWITCHGEARS, CHANDIGARH. (ESS ESS KAY MAKE SWITCH) 2.ALEMAC ELECTRICAL PVT LTD, MUMBAI 3. OSWIN INDUSTRIES *, MUMBAI.	*PROTOTYPE TESTING TO BE DONE
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PAGE 6 OF 37		VALIDITY	FROM	TO	MASTER LIST No.	VERSION No: 13
			28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No: 2
S.No	CATEGORY & UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	

5	30726578 30726890	PRE-WIRED POWER PANEL FOR SG TYPE AC COACHES TO ICF SPEC NO: ICF/ELEC-874, REV.A DRG. No. WGACCN 7-2-002, WGSCWAC7 7-2-703 POWER PANEL TO ICF DRG No. WGACCN-7-2-007, Alt. b, ALONG WITH 5 KVA TRANSFORMER WITH FILTER TO SPEC No. ICF/ELEC/906, Rev.1, TYPE-II	1.KONTACT CONSORTIUM INDIA PRIVATE LTD, CHENNAI 2. RAMYAA ELECTRO-GEAR PRIVATE LIMITED, CHENNAI 3. BHAVITRON POWERTEC PVT. LTD., CHENNAI	1. AMBIGO ELECTROTECH, CHENNAI 2. RICHMOND ENTERPRISES PVT. LTD, COIMBATORE	
6	33580625 33566756 33566768	CONTROL PANEL FOR VENT FAN, BATTERY CHARGING & RADIATOR FAN TO SPEC. No. EDTS-110, EDTS116,EDTS114 & EDTS-168	1. INTERNATIONAL SWITCHGEARS (P) LTD., CHANDIGARH 2. ABROL ENGG. CO., KAPURTHALA 3.NEC SWITCHGEARS & CONTROL, CHANDIGARH	1. INDO RAIL ENGINEERING SYSTEM PVT LTD., MOHALI 2. RAMYAA ELECTROGEAR PVT. LTD., CHENNAI 3.BHAVITRON POWERTEC, CHENNAI 4.RICHMOND ENTERPRISES PVT. LTD, COIMBATORE #	#PROTOTYPE TO BE APPROVED FOR EDTS-110, EDTS 116 & EDTS-168

PAGE 7 OF 37		VALIDITY	FROM	TO	MASTER LIST No.	VERSION No: 13
			28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No: 2
S.No	CATEGORY & UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	

7	45150254	INTER VEHICLE COUPLERS - ICF/SK/ 7-5-053,Col I & II, Alt. i, Type A,B,C, D & E - ICF/ SK 7-5-054, Col -I, Alt. j	<ol style="list-style-type: none"> 1. R.K.ELECTRICS& ENGG.INDUSTRIES, KOLKATA 2. KRISHNA METALLURGICAL WORKS, CHENNAI 3. S. INTERNATIONALS, MUMBAI 	<ol style="list-style-type: none"> 1. URBAN TEKNO-SYSTEMS PVT. LTD., KOLKATA 2. MAA LAXMI INDUSTRY, KOLKATA 	
8	33641717	JUMPER CABLE WITH CONNECTOR / INTER COACH COUPLER FOR PA SYSTEM TO DRG. NO. LW 75206, Alt. 'C'	<ol style="list-style-type: none"> 1.KONTACT CONSORTIUM INDIA PRIVATE LTD., CHENNAI 2. S. INTERNATIONALS, MUMBAI 3. PUNJAB RADIO, JALANDHAR 4. PROZONE,JALANDHAR 5. MV ELECTROSYSTEM PVT.LTD, FARIDABAD 6. LIGHT ENGINEERING CORPORATION, KAPURTHALA 		

PAGE 8 OF 37		VALIDITY	FROM	TO	MASTER LIST No.	VERSION No: 13
			28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No: 2
S.No	CATEGORY & UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	

9	30712002	5KVA TRANSFORMER-ICF/ELEC/906, Rev. 1	1.RAMYAA ELECTRO-GEAR PRIVATE LIMITED, CHENNAI 2.BHASIN PACKARD, MOHALI 3.VIMAL TRANSFORMER, MORADABAD 4.ELECTROWAVES ELECTRONICS PVT. LTD., PARWANOO	1. AMBIGO ELECTROTECH, CHENNAI 2. KONTACT CONSORTIUM INDIA PRIVATE LTD, CHENNAI 3. BHAVITRON POWERTEC PVT.LTD, CHENNAI	
10	45217452	DISTRIBUTION TRANSFORMER 3KVA TO RDSO SPEC. EL/EOG/4/74 WITH ICF CS-1	1.BHAVITRON POWERTEC PVT. LTD., CHENNAI 2.BHASIN PACKARD, MOHALI 3.VIMAL TRANSFORMER, MORADABAD 4.ELECTROWAVES ELECTRONICS PVT. LTD., PARWANOO	1. RAMYAA ELECTROGEAR PVT. LTD., CHENNAI	
11	45178082	AMALGAMATED TRANSFORMER (BATTERY CHARGER) TO RCF SPEC NO. EDTS 041 REV.A AND AMENDED AS PER DY.CEE/D'S NO. MD/DSS/SPEC/211 DT 11.09.01	1.RAMYAA ELECTROGEAR PRIVATE LIMITED#, CHENNAI 2. BHAVITRON POWERTEC PVT. LTD#, CHENNAI		# DENOTES APPROVAL FOR MS & SS ENCLOSURES
12	47160196	60 KVA TRANSFORMER FOR AC COACHES RDSO/PE/SPEC/AC/ 0080-2007 (REV. 2)	1. VIMAL TRANSFORMER, MORADABAD # 2. RAMYAA ELECTRO GEAR PVT. LTD, CHENNAI #	1. AUTOMATIC ELECTRIC LTD. MUMBAI # 2. ZEN POWER, THANE #	# - REVALIDATION TO BE DONE FOR REV-2

PAGE 9 OF 37		VALIDITY	FROM	TO	MASTER LIST No.	VERSION No: 13
			28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No: 2
S.No	CATEGORY & UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	

13	47160184	9 KVA TRANSFORMER FOR NON-AC COACHES RDSO SPECIFICATION NO. RDSO/PE/SPEC/TL/ 0158-2010 (REV.1)	1.VIMAL TRANSFORMER CORPORATION, MORADABAD 2. RAMYAA ELECTROGEAR PVT. LTD., CHENNAI	1. RISHAB INDUSTRIES, PUNE 2. ZEN POWER, THANE	
14	33580613	STARTER BATTERY CHARGER 24V, 225AH TO EDTS 106	1. ELECTROWAVES ELECTRONICS PVT. LTD., PARWANOO 2. BHASIN PACKARD, MOHALI	1. BHAVITRON POWERTEC PVT. LTD., CHENNAI 2.ELECTRIC INDUSTRIES, NEW DELHI	
15	45030819	4.5 KW 110/ 120 V DC BRUSHLESS ALTERNATOR WITH RECTIFIER REGULATOR AND BELT TENSIONING DEVICE TO RDSO/PE/SPEC/TL/ 0054-2003 ((REV.'0') WITH AMD. NO. 1 &2.	1. KEL, KUNDRA (1560 NOS.) 2. PRESSTECH (600 SETS) 3. BEST & CROMPTON (900 SETS) 4. IC ELECTRICAL (600 SETS) 5. HMTD ENGINEERING PVT LTD. 6. PD STEELS 7. STAR ELECTRIC COMPANY (600) 8. KAPSON INDUSTRIES PVT LTD 9. STESALIT LTD. , BADDI@	1. DISHITA ENTERPRISES PVT.LTD, HOWRAH. 2.GREEN POWER GENERATORS(P) LTD., FARIDABAD	@ PROTO TYPE TESTING TO BE DONE

PAGE 10 OF 37		VALIDITY	FROM	TO	MASTER LIST No.	VERSION No: 13
			28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No: 2
S.No	CATEGORY & UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	

16	45030844	25 KW 110/130VDC BRUSHLESS ALTERNATOR WITH RECTIFIER CUM REGULATOR AND BELT TENSIONING DEVICE TO RDSO/PE/SPEC/AC/ 0056-2014 (REV.'1')	<ol style="list-style-type: none"> 1. KEL, KUNDRA (300 NOS.) 2. PRESSTECH (180 NOS) 3 IC ELECTRICAL# 4. HMTD ENGINEERING PVT LTD. 5. PD STEELS 6. BHEL ELECTRICAL MACHINES LTD. KASARAGOD (675 NOS.) 7. STESALIT LTD. , BADDI@ 	1. BEST & CROMPTON* (360 SETS)	<p># NOT FOR RRU *REVALIDATION AS PER REV. '1' SPECIFICATION IS PENDING</p> <p>@ PROTO TYPE TESTING TO BE DONE</p>
17		BELT TENSIONING DEVICE, SUSPENSION PIN FOR TL & AC COACHES AND AXLE/ ALTERNATOR PULLEYS TO ELPS/SPEC/TL/13, MARCH 1998 FOR 4.5 KW ALTERNATOR	ALL THE SOURCES (BOTH APPROVED AND DEVELOPMENT) AS PER SL. No. 15 ABOVE SHALL BE TREATED EQUALLY IRRESPECTIVE OF THEIR APPROVAL STATUS		
18		BELT TENSIONING DEVICE, SUSPENSION PIN FOR TL & AC COACHES. AND AXLE/ ALTERNATOR PULLEYS TO ELPS/SPEC/TL/13, MARCH 1998 FOR 25 KW ALTERNATOR	ALL THE SOURCES (BOTH APPROVED AND DEVELOPMENT) AS PER SL. No. 16 ABOVE SHALL BE TREATED EQUALLY IRRESPECTIVE OF THEIR APPROVAL STATUS		

PAGE 11 OF 37		VALIDITY	FROM	TO	MASTER LIST No.	VERSION No: 13
			28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No: 2
S.No	CATEGORY & UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	

19		TRACTION MOTOR ARMATURE BEARING (67981/67919 & 67982/67919) FOR KOL.METRO(TRACTION MOTOR 3701 BX/BY)	1. TIMKEN INDIA LTD, DELHI 2. SKF TECH (INDIA) PVT. LTD, AHMEDABAD@	1.SCHAEFFLER INDIA LTD., VADODARA@ 2.NATIONAL ENGINEERING INDUSTRIES, JAIPUR#	# SUBJECT TO PROTOTYPE CLEARANCE AND SUCCESSFUL COMPLETION OF FIELD TRIAL. @ SUBJECT TO SUCCESSFUL COMPLETION OF FIELD TRIAL
20		0.5 HP SELF PRIMING MONO BLOCK PUMP FOR WATER RAISING PURPOSE IN IR COACHES TO RDSO /PE /SPEC /AC /0022 (REV 0) SEPT 2002 WITH AM-1	1.KALSI METAL WORKS PVT.LTD, JALANDHAR 2. KAPSONS INDUSTRIES LTD, JALANDHAR 3. COIMBATORE COMPRESSOR ENGG. CO. PVT. LTD., COIMBATORE	1. FLOWTECH PUMPS & MOTORS,BANGALORE 2. STAR ELECTRIC COMPANY, LUDHIANA	

PAGE 12 OF 37		VALIDITY	FROM	TO	MASTER LIST No.	VERSION No: 13
			28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No: 2
S.No	CATEGORY & UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	

21	31716027	MOTOR CONNECTION BOX - ICF/SK 7-1-470, Alt. d	<ul style="list-style-type: none"> 1. TUFLAM POLYMERS, CHENNAI 2. PLASTICS & FIBRE INDS., CHENNAI 	<ul style="list-style-type: none"> 1. KAMLESH INDUSTRIES, MUMBAI 2. KONTACT CONSORTIUM INDIA PRIVATE LTD., CHENNAI 3. ORIENTAL INSULATORS, FARIDABAD 	
22	33580522 33566793 33718015	BATTERY FUSE BOX to DRAWING No. LW 71001 Alt 'g' and LW 71002 Alt 'g'	<ul style="list-style-type: none"> 1. RICHMOND ENTERPRISES, COIMBATORE 2.KONTACT CONSORTIUM INDIA PRIVATE LTD., CHENNAI 3. INTERNATIONAL SWITCHGEARS (P) LTD. CHANDIGARH 4. NEC SWITCH GEARS AND CONTROLS, CHANDIGARH 5. ABROL ENGG. CO.,KAPURTHALA 	<ul style="list-style-type: none"> 1. INDO RAIL ENGINEERING SYSTEM PVT LTD,MOHALI 2. LIGHT ENGINEERING CORPN,KAPURTHALA 3. RSI SWITCH GEAR PVT LTD,ALWAR 4. ESS ESS KAY ENGG CO. PVT LTD, KAPURTHALA 5. INTEG ELECTRONICS, NEW DELHI 	

PAGE 13 OF 37		VALIDITY	FROM	TO	MASTER LIST No.	VERSION No: 13
			28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No: 2
S.No	CATEGORY & UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	

23	33580558 33640580	FEEDER JUNCTION BOXES TO SPEC Nos. EDML 020, EDML 021, EDTS 328	<ol style="list-style-type: none"> 1. INTERNATIONAL SWITCHGEARS (P) LTD. CHANDIGARH 2.MAA LAXMI INDUSTRY,HOWRAH 3. NEC SWITCH GEARS & CONTROLS,CHANDIGARH 4. ABROL ENGG. CO.,KAPURTHALA 5.ELECOS ENGINEERS PVT LTD,KOLKATTA 6. LIGHT ENGINEERING CORPN, KAPURTHALA 7. S. INTERNATIONALS, MUMBAI 	<ol style="list-style-type: none"> 1. SIDWAL REFRIGERATION INDUSTRIES, FARIDABAD 2. ESS ESS KAY ENGG CO. PVT LTD, KAPURTHALA# 3. HIND RECTIFIERS LTD, MUMBAI 	#PROTOTYPE TO BE APPROVED FOR EDML 020, EDML 021
24	33571363 33550529 33999557 33719871 33719871 33580820 33719895 33710077	CABLE DUCT FOR LHB COACHES LWSCZAC-7-1-002 LWLRRM-7-1-002 LGS/EOG-7-1-002	<ol style="list-style-type: none"> 1. RAILTECH TECHNOLOGIES PVT. LTD, KAPURTHALA 2. MDM ENGINEERING & TECHNOLOGIES PVT. LTD. CHENNAI 3. CHENNAI RADHA ENGINEERING WORKS, CHENNAI 4. SRINIVASA ENTERPRISES,CHENNAI 	<ol style="list-style-type: none"> 1. RIGHT ENGINEERING, CHENNAI. 2. SHARUNI ENGG WORKS,CHENNAI. 3. M.M.INDUSTRIAL CONTROLS(P)LTD, DHARWAD. 4. LIKHITA ENERGY SYSTEMS PVT LTD, ONGOLE 	

PAGE 14 OF 37		VALIDITY	FROM	TO	MASTER LIST No.	VERSION No: 13
			28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No: 2
S.No	CATEGORY & UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	

25	31760752 31760776 31760740 31760764 31760727 31710621 31760739 31760648 31711406 31760650 31711418 31760508 31760480 31760491 31760478 31711315 31711157 31711200 36717022 31710827 31710815 31710803 31710797 31760533 31760521 31711339 31760715 31760703 31160580 31711467 31710591 31711510 31711522 31711509 31711534	SUPPLY & INSTALLATION OF ELECTRICAL CABLE TRAY AND ITS ACCESSORIES INCLUDING HARDWARE AND SET OF CLAMPS FOR SELF PROPELLED COACHES AS PER VARIOUS ICF DRAWINGS AND SPECIFICATIONS	1.RIGHT ENGINEERING, CHENNAI 2.SRINIVASA ENTERPRISES, CHENNAI 3.MDM ENGINEERING AND TECHNOLOGY, CHENNAI 4.SRIRAM ENTERPRISES, CHENNAI 5. KONTACT CONSORTIUM INDIA PVT. LTD., CHENNAI	1. NEW CHENNAI TURRET PUNCH CO., CHENNAI.	
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PAGE 15 OF 37		VALIDITY	FROM	TO	MASTER LIST No.	VERSION No: 13
			28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No: 2
S.No	CATEGORY & UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	

26	33566689	PUMP WITH CONTROLLER to EDTS-186, REV.A, AM-2	<ol style="list-style-type: none"> 1. KALSI METAL WORKS, JALANDHAR 2. KAPSONS INDUSTRIES LTD., JALANDHAR 3. D.R.AUTO IND. DELHI 4. LIGHT ENGINEERING CORPORATION, KAPURTHALA 	<ol style="list-style-type: none"> 1. STAR ELECTRIC COMPANY, LUDHIANA 2. COIMBATORE COMPRESSOR ENGG CO.PVT LTD., COIMBATORE 3. FLOWTECH PUMPS & MOTORS, BANGALORE 	
27	75018378	ENDLESS V BELT FOR RAILWAY COACHES SIZE C 122 & C 84 TO RDSO/PE/SPEC/AC/ 0059-2004 (REV. '0') WITH AMENDMENT NO 1	<ol style="list-style-type: none"> 1. J. K. FENNER INDIA LTD., MADURAI (898000) 2. VINKO AUTO INDUSTRIES LTD., JALANDHAR (412500) 3. PIX TRANSMISSION LTD., NAGPUR (300000) 	<ol style="list-style-type: none"> 1. OMFA RUBBERS LIMITED, NOIDA (480000) 2. JYOTI RUBBERS (P) LTD., UP (624000) 3. AKAASH BELTING PVT.LTD, PUNJAB 	
28	33580753	WHEEL SET EARTHING EQUIPMENT TO EDTS 101, REV.C, AM-1, COR-3	<ol style="list-style-type: none"> 1. CHANDA & CHANDA, HOWRAH 2. DARSHAN ENTERPRISES, DELHI 3. MAA LAXMI, HOWRAH 4. PRIME ELECTRONICS, SONEPAT 5. S. INTERNATIONALS, MUMBAI 	<ol style="list-style-type: none"> 1. SEIGHNEUR, NEW DELHI 2. NANDRATAN FOUNDRY & ENGINEERING WORKS, MUMBAI 	

PAGE 16 OF 37		VALIDITY	FROM	TO	MASTER LIST No.	VERSION No: 13
			28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No: 2
S.No	CATEGORY & UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	

29	31710852 31710864 31711224	BATTERY CHARGING SOCKET AND FUSE BOX TO DRG ICF/SK3 - 7-1-055, EMERGENCY FEED TERMINAL BOX TO DRG ICF/SK3-7-1-057, BATTERY FUSE CUM CHARGING BOX TO ICF/SK3 -7-1-082.	1. GLOBAL ENGINEERING AND PROCESS,* CHENNAI 2. KAMLESH INDUSTRIES, MUMBAI	1. ABROL ENGG CO. PVT. LTD.,* KAPURTHALA 2. TECHNOCRAFT,* KOLKATA 3.ORIENTAL INSULATORS, FARIDABAD	* PROTO TYPE TESTING TO BE DONE # APPROVED FOR BATTERY CHARGING SOCKET & FUSE BOX TO DRG ICF/SK3 - 7-1-055 ONLY.
30	33553580 33553592	CAPACITOR BANK FOR LHB EOG COACHES TO EDML 130	1. TRINITRON CONTROL SYSTEMS ,NOIDA 2.KONTACT CONSORTIUM INDIA PVT LTD, CHENNAI 3. RAMYAA ELECTROGEAR PVT. LTD., CHENNAI 4. S. INTERNATIONALS, MUMBAI 5. ELECOS ENGINEERING PVT LTD, KOLKATTA 6. NEC SWITCH GEARS AND CONTROLS, CHANDIGARH	1. INTERNATIONAL SWITCHGEARS, CHANDIGARH 2. RICHMOND ENTERPRISES PVT. LTD,COIMBATORE 3.ORIENTAL INSULATORS, FARIDABAD	
31	31711479	EXTERNAL SUPPLY SOCKET 125A, 415V, IP67, 5 POLE (3P+N+E)	1. MV ELECTROSYSTEMS PVT. LTD., FARIDABAD 2. ABROL ENGG. CO.,KAPURTHALA * (PALAZZOLI MAKE)	1.JAI BALAJI CONTROL GEARS,CHENNAI @	* SUBJECT TO PRODUCTION OF AUTHORIZATION OF OEM AGAINST EACH TENDER @ PROTO TYPE TO BE DONE

PAGE 17 OF 37		VALIDITY	FROM	TO	MASTER LIST No.	VERSION No: 13
			28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No: 2
S.No	CATEGORY & UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	

32	40124447 33620441 33622401 33622346 33622360 33709889 33999569	CABLE HARNESS . EDTS -176 Rev 'a', EDTS -181 Rev 'f' AM-1 EDTS - 208 Rev 'd' AM-1 EDTS- 216 Rev 'a' EDTS-251Rev 'a' EDTS -252 Rev 'h' corr-2 EDTS -253 Rev '1 WITH ICF AMENDMENT No. 1 EDTS -254 Rev 'h' corr-2 EDTS -255 Rev 'h' corr-2 EDTS -256 Rev 'h' corr-2 EDTS -257 Rev 'i' WITH ICF AMENDMENT No. 1 & 3 EDTS -259 Rev 'd' AM-1 EDTS -260 Rev 'd' AM-1 EDTS -263 Rev 'c' EDTS -264 Rev 'c' EDTS -271 AM-2 EDTS -316 Rev 'c' EDTS -319 Rev 'b' EDTS -320 Rev 'g' WITH ICF AMENDMENT No. 1 EDTS -323 EDTS -356 Rev 'a' WITH ICF AMENDMENT No. 1,2&3 EDTS -357 Rev 'a'	1. KONTACT CONSORTIUM INDIA PRIVATE LTD, CHENNAI 2. SIECHEM TECHNOLOGIES PVT. LTD., PONDICHERRY 3. PRICOL ENGG. INDUSTRIES LTD., COIMBATORE 4. INTERNATIONAL SWITCHGEARS, MOHALI 5. NEC SWITCHGEARS & CONTROLS,CHANDIGARH 6. ABROL ENGG. CO. PVT. LTD.,KAPURTHALA 7. ESS ESS KAY ENGG CO. PVT LTD,KAPURTHALA 8.INOVTECH, KAPURTHALA 9.MV ELECTROSYSTEM PVT. LTD., FARIDABAD 10.METTLE POLYMERS ARTIFACTS LTD, KAPURTHALA 11.LIGHT ENGINEERING CORPN,KAPURTHALA 12.APAR INDUSTRIES LTD., VALSAD 13. D.R AUTO INDUSTRIES,DELHI 14.TECHNOROVER, KAPURTHALA	1.HUBER + SUHNER ELECTRONICS PVT. LTD., DELHI 2. RADIANT RSCC SPECALITY CABLES PVT. LTD., HYDERABAD 3.ELECTROWAVES ELECTRONICS,PARWAN OO 4..NEERA ENTERPRISES, CHANDIGARH 5.WINDSOR CABLES, DELHI 6. PD STEELS, MOHALI 7.TROLEX INDIA PVT LTD, BANGALORE 8. CHENNAI RADHA ENGINEERING WORKS, CHENNAI	
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PAGE 18 OF 37		VALIDITY		FROM	TO	MASTER LIST No.	VERSION No: 13
				28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No: 2
S.No	CATEGORY & UL.NO	ITEM DESCRIPTION		APPROVED VENDORS		DEVELOPMENT VENDORS	REMARKS

33		CRIMPING SOCKETS - IRS - E 301 & 304, EDTS 200, EDTS 201 ICF/SK / 7-2-166, ICF/SK / 7-2-604 ICF/SK / 7-2-528, MR/SK - 7-2-006		1.KAMLESH INDUSTRIES 2.DOWELLS 3. CHETNA ENGG. CO. 4. ASCON ENGINEERING INDUSTRIES		1. JAICO 2. JAINSON 3. SWASTIK 4. MULTI 5. KRISHNA METALLURGICAL WORK	
	42410423 42410447 42410472 42410502 42410526 42410540 42410551 42410563 42410575 42411014 42411026 42411038 42411040 42410381 42410411 42410344 42409299 42408933 30726773	31726460 42406808 42970155 31726616 36700046 36726047 36726527 36726667 42403406 42403509 42403601 42408829 42408854 42408969 42408970 42408982 42408994 42906260 42410393	42409032 42409275 42410095 42410125 42410137 42410149 42410150 42410162 42410174 42410186 42410198 42410241 42410253 42410265 42410277 42410289 42410307 42410320 42410370	42410400 42410459 42410460 42410496 42410538 42906283 42970088 42970131 42408970 42970374 42981580 42981621 42410368 42409263 42409020 42409111 42409044 42409172 42408180	30726761 31710426 31710451 31726586 36700034 42013793 42406006 42406109 42407849 42408805 42408817 42408830 42408866 42408878 42408880 42408891 42408910 42408520 42410319	42408921 42409056 42409068 42409070 42409093 42409100 42409123 42409184 42410046 42410058 42410060 42410071 42410083 42410113 42410204 42410216 42410290	

PAGE 19 OF 37		VALIDITY	FROM	TO	MASTER LIST No.	VERSION No: 13
			28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No: 2
S.No	CATEGORY & UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	

34	33701817 33709853 33709877 33709944 33709956 33709968 33709970	CABLE MARKING SYSTEM/ HEAT SHRINKABLE SLEEVES	1.TYCO 2.MV ELECTROSYSTEM PVT. LTD 3.PANDUIT INDIA PVT.LTD	1.PHOENIX 2.PARTEX 3. BRADY	
35	31902893 31760818	SUPPLY & INSTALLATION OF EPDM MODULAR BASED CABLE / PIPE SEALING SYSTEM	1. ROXTEC INDIA PVT. LTD.,* GURGOAN 2. WALLMAX INDIA ENTERPRISES, * NEW DELHI		* PROTO TYPE TESTING TO BE DONE
36	42319456 42319523 42318877	ALUMNIUM ALLOY CONDUIT OF THREADABLE QUALITY TO DESIGNATION 63400 OF TABLE-1 AND CONDITION T6 (NEW) OR WP (OLD) OF TABLE-2 OF IS: 1285	1. DECCAN EXTRUSIONS PVT. LTD.,* PONDICHERRY 2. ALOMEX PROFILES PVT. LTD.,* CHENNAI 3. P.P METALS & MFG. COMPANY,* CHENNAI 4. SATYA SURYA ALUMINIUM INDUSTRIES,* HYDERABAD 5. VALCO INDUSTRIES LTD.,* GANDHINAGAR		* PROTO TYPE TESTING TO BE DONE

PAGE 20 OF 37		VALIDITY	FROM	TO	MASTER LIST No.	VERSION No: 13
			28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No: 2
S.No	CATEGORY & UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	

37	40120340 40124034 40124058 40124125	CABLE TIES - NON RETURNABLE, SELF EXTINGUISHING TO OPERATING TEMPERATURE RANGE FROM -25 DEG TO +125 DEG	1. BLACK BURN & COMPANY PVT. LTD.,* KOLKATA 2. SURE LOCK PLASTICS PVT. LTD.*, MUMBAI	1. ASHWIN ELECTRO INDUSTRIAL CORP*, KOLKATTA	* PROTO TYPE TESTING TO BE DONE
38		TERMINAL STRIP ASSEMBLY TO SPEC Nos. EDML 014 EDML024 EDML 027 EDML 037 ICF/EDML-201 ICF/EDML-202 ICF/EDML-203 ICF/EDML-204 ICF/EDML-205 AND DRAWINGS CC72429 CC72428 LW76054 CC 72069 CC72070	1. INTERNATIONAL SWITCHGEARS PVT. LTD., MOHALI (WAGO, PHOENIX) 2. KAVERI INDUSTRIES,NEW DELHI (WAGO) 3. VAANAVIL ENTERPRISES, CHENNAI(WAGO, PHOENIX) 4. NEC SWITCHGEARS & CONTROLS, CHANDIGARH (WAGO) 5.INDIAN TELEPHONE AND ELECTRIC COMPANY, DELHI (WAGO) 6. RICHMOND ENTERPRISES PVT. LTD., COIMBATORE (WAGO, PHOENIX) 7. KONTACT CONSORTIUM INDIA PVT. LTD., CHENNAI (PHOENIX)	1. RAMYAA ELECTROGEAR PVT. LTD.,CHENNAI (WAGO)	

PAGE 21 OF 37		VALIDITY	FROM	TO	MASTER LIST No.	VERSION No: 13
			28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No: 2
S.No	CATEGORY & UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	

39	30760045 30767910 30767994 36710325 30711769 30711770 30711782 30711794 30716240 30756261 30768056 31710505 42087831 42087843 42981876 45960355 31760685 31710610 31711108 31740066 45146690 45961876	ROOF THROUGH BOX TO DRG NO.EMU/DMC/AC/76011 MCB BOXES TO IS: 8623 ALL JUNCTION BOXES	1. GLOBAL ENGINEERING AND PROCESS, CHENNAI 2. GUNAM ENGINEERING ENTERPRISES, CHENNAI 3. VAANAVIL ENTERPRISES, CHENNAI 4. RICHMOND ENTERPRISES PVT. LTD., COIMBATORE 5. KRISHNA METALLURGICAL WORKS, CHENNAI 6. RAMYAA ELECTROGEAR PVT. LTD., CHENNAI 7. MACHINERY AGENCIES, CHENNAI	1. ABROL ENGG. CO. PVT. LTD., KAPURTHALA 2. KAMLESH INDUSTRIES, MUMBAI 3. A.R. ENGG. WORKS, BANGALORE 4. MODERN FABRICATORS, CHENNAI 5. KONTACT CONSORTIUM INDIA PVT. LTD., CHENNAI	
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PAGE 22 OF 37		VALIDITY	FROM	TO	MASTER LIST No.	VERSION No: 13
			28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No: 2
S.No	CATEGORY & UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	

40	33635213	MODULAR INTEGRATED PANTRY UNIT FOR BUFFET COACHES TO RCF Spec. No..EDTS 118 FOR LHB	1. VISHAL GAS SERVICES, TELENGANA 2.S.D.ENGINEERS, SILVASSA 3.SPECTRUM SCIENTIFIC PVT LTD, MUMBAI	1.KONTACT CONSORTIUM INDIA PRIVATE LTD, CHENNAI 2.SIDWAL REFRIGERATION INDUSTRIES, FARIDABAD 3. POOJA ENTERPRISES, HYDERABAD 4.UNIVERSAL ENGINEERS CHENNAI PVT LTD, CHENNAI	
41	33997100 33635330	COMPOSITE PANTRY FOR CHAIR CAR/ECC/ ACCN/ ACCW TO RCF SPEC NO. EDTS 130 & EDTS 139	1. VISHAL GAS SERVICES, TELENGANA 2.S.D.ENGINEERS, SILVASSA 3.SPECTRUM SCIENTIFIC PVT LTD, MUMBAI 4.SIDWAL REFRIGERATION INDUSTRIES, FARIDABAD 5.SUPER REFRIGERATION INDUSTRIES, NEW DELHI	1.KONTACT CONSORTIUM INDIA PRIVATE LTD, CHENNAI 2.UNIVERSAL ENGINEERS CHENNAI PVT LTD , CHENNAI 3.POOJA ENTERPRISES, HYDERABAD	

PAGE 23 OF 37		VALIDITY	FROM	TO	MASTER LIST No.	VERSION No: 13
			28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No: 2
S.No	CATEGORY & UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	

C PASSENGER AMENITY ITEMS

1	45180544 45960628 45180969 45180891 45180933 45180908	RAILWAY CARRIAGE FAN (110V AC/DC AND 140V AC) TO IS 6680-1992 WITH ANNEX H (REVISED IN DEC. 2005) WITH ICF ANNEXURE-1, CS-1 -225MM BRACKET FAN - 300MM FIXED TYPE -400MM FIXED / SWIVELLING TYPE (BOTH FRP & MS BLADE)	1. LIGHT ENGG.CORPN (24V & 110V DC, 110 V & 140 V AC), JALANDHAR 2. SARIA INDUSTRIES CORPN.(110V DC, 110V AC & 140V AC), HOWRAH 3.S P J INDUSTRIES (110V DC, 110V AC & 140V AC), KOLKATTA 4. RAIL COACH ENGINEERS* (110V DC), KAPURTHALA, PUNJAB # 5. K.D.CHOPRA& CO., (110V DC), KOLKATA	1. RAIL COACH ENGINEERS (110V AC), KAPURTHALA # 2. R.KANWAR ELECTRICALS (110V DC With FRP Blade only), NOIDA # 3. KALSI ELECTRICALS PVT LTD (110V DC/AC, 140 V AC), JALANDHAR# 4. VIDISHA ELECTRICALS PVT. LTD., KOLKATTA (110V DC, 110 V & 140 V AC) 5. LAKSHMI INDUSTRIES, CHENNAI	*REVALIDATION DUE # PROTOTYPE TO BE DONE FOR 225MM BRACKET FAN
2	45180702	R.C.FANS 110V/140V AC 450 MM SWEEP TO RDSO SPEC- RDSO/PE/SPEC/TL/0050-2010, REV-1	1..S.P.J. INDUSTRIES (P) LTD., KOLKATTA 2. SARIA INDUSTRIES CORPN., HOWRAH	1. LIGHT ENGINEERING CORPN., JALANDHAR 2. VIDISHA ELECTRICALS PVT. LTD, KOLKATTA	
3		UNIVERSAL BRUSHLESS SENSORLESS RAILWAY CARRIAGE FAN (110V AC / 110V DC)	1 .LUCAS TVS, CHENNAI 2.CG POWER AND INDUSTRIAL SOLUTIONS LTD., PITHAMPUR		

PAGE 24 OF 37		VALIDITY	FROM	TO	MASTER LIST No.	VERSION No: 13
			28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No: 2
S.No	CATEGORY & UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	

4	45177521	BRUSHLESS SENSORLESS DC RAILWAY CARRIAGE FAN TO RDSO SPEC. NO. RDSO/PE/SPEC/TL/ 0021/2005 (REV. 3) WITH AMENDMENT NO.1	<ol style="list-style-type: none"> 1. CG POWER AND INDUSTRIAL SOLUTIONS LTD, PITHAMPUR (60000) 2. R. KANWAR ELECTRICALS, NOIDA (21600) 3. GENERAL AUTO ELECTRIC CORPORATION, MUMBAI 4. LIGHT ENGG. CORP., KAPURTHALA 5. KAPSONS INDUSTRIES LTD., JALANDHAR 6. CONCORD CONTROL SYSTEM PVT. LTD., LUCKNOW 7. ELECTRONIC EQUIPMENT CO. PVT. LTD, KOLKATA 8. IMT CABLES PVT. LTD. , NEW DELHI 9. LUCAS TVS LTD., CHENNAI 10. SPJ INDUSTRIES (P) LTD, KOLKATA 11. ARSH INDUSTRIAL SOLUTIONS PVT. LTD, PITHAMPUR 	<ol style="list-style-type: none"> 1. ORIENT ELECTRIC, KOLKATA 2. ELECTROWAVES ELECTRONICS PVT. LTD., PARWANOO 3. RT VISION TECHNOLOGIES (P) LTD., DELHI 4. SARIA INDUSTRIES CORPN., HOWRAH 	
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PAGE 25 OF 37		VALIDITY	FROM	TO	MASTER LIST No.	VERSION No: 13
			28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No: 2
S.No	CATEGORY & UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	

5	30768767 30768779 30768810 30768780 30768792 30768809 30768834 33719834 33718854 33719883 33719858 33647604 33769837 31760340 33719810 33719809 33769849 33642400 33769187 30768858 30768937 30768925 30768962 33769308 33760032 30768792	I. ENERGY EFFICIENT LED BASED LUMINAIRE UNIT TO SPEC. No. RDSO/PE/SPEC/TL/0091 (Rev.1) -2016. II. LED BASED BERTH READING LIGHT AS PER SPEC No. RDSO/PE/SPEC/TL/0091 (Rev.1)-2016 III. LED BASED PASSENGER ALARM INDICATION AS PER SPEC No. RDSO/PE/SPEC/TL/0091 (Rev.1)-2016(SAFETY ITEM) IV. LED BASED NIGHT LIGHT CUM BERTH INDICATION LIGHT FITTING. AS PER SPEC No. RDSO/PE/SPEC/TL/0091 (Rev.1)-2016 V. LED BASED TOILET OCCUPIED LIGHT FITTING AS PER SPEC No. RDSO/PE/SPEC/TL/0091 (Rev.1)-2016	1. ENSAVE DEVICES PVT. LTD, MUMBAI 2. D.R. AUTO INDUSTRIES, NOIDA 3. RT VISION TECHNOLOGIES PVT. LTD, DELHI 4. K-LITE INDUSTRIES, CHENNAI 5. INTRA ELECTRONICS, PUNE 6. AGASTYA TECHNOLOGY AND TRANSMISSION PVT. LTD., CHENNAI (ONLY FOR II,III,IV,V) 7. RAMYAA ELECTROGEAR PRIVATE LIMITED*, CHENNAI (ONLY FOR V)	1. IGLOW LIGHTING SOLUTIONS PVT. LTD., MUMBAI 2. MIKA ENGINEERS, AAGHAI 3. DEVINTEC ELECTRICAL TECHNOLOGIES PVT LTD, PUNJAB 4. K.R.INDUSTRIES, MUMBAI 5. FRONTLINE ELECTRONIC SYSTEMS * , HYDERABAD(ONLY FOR III * ,IV) 6. HY-TECH POWER SYSTEM * HYDERABAD (ONLY FOR II) 7. MAAVE ELECTRONICS PVT LTD * HYDERABAD (ONLY FOR III,IV) 8. ALTOS ELECTRONICS * , PUNE(ONLY FOR III)	* REVALIDATION TESTING TO BE DONE
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PAGE 26 OF 37		VALIDITY	FROM	TO	MASTER LIST No.	VERSION No: 13
			28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No: 2
S.No	CATEGORY & UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	

6		LED BASED TUBE LIGHTS AND LAMPS FOR RETROFITMENT OF FL , CFL & INCANDESCENT BULBS ICF/ELEC/960, Rev.0,CS1 , CS2,CS3	1. PREMIER COMBINES, CHENNAI (KWIKLITE BRAND) (ALL TYPES) 2. ENSAVE DEVICES PVT. LTD., MUMBAI(ALL TYPES)	1. LORD KRISHNA ELECTRONIC INDUSTRIES,NEW DELHI (ALL TYPES) 2. RT VISION TECHNOLOGIES PVT. LTD. DELHI (ALL TYPES) 3. DEVINTEC ELECTRICAL TECHNOLOGIES PVT.LTD, PUNJAB (TYPE A,C)# 4. SYSKA LED LIGHTS PVT LTD.,PUNE(TYPE A,B,C) # 5. MIKA ENGINEERS, AAGHAI (TYPE A,C)# 6. I GLOW LIGHTING SOLUTIONS PVT LTD, THANE (TYPE A,B)# 7. INTRA ELECTRONICS, PUNE (TYPE A)# 8. SIGNIFY INNOVATIONS INDIA LTD.(PHILIPS BRAND)(TYPE A)# * 9. GOLDWYN LTD, NOIDA (TYPE C)# 10. D.R. AUTO INDUSTRIES, NOIDA (TYPE A,B,C)# \$ ^ 11. K-LITE INDUSTRIES, CHENNAI (TYPE A,B)# \$ 12. GREEN PEARL ELECTRONICS PVT.LTD, CHENNAI(TYPE A)#	# The firms are approved only for type indicated within the brackets \$ approved with External drivers only ^Type C (CFL)pin arrangement shall be corrected as per CS-3 * Type A (2 feet tube) pin arrangement shall be corrected as per CS-3
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PAGE 27 OF 37		VALIDITY	FROM	TO	MASTER LIST No.	VERSION No: 13
			28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No: 2
S.No	CATEGORY & UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	

7	33566732	SET OF DIFFUSERS TO LW76012, Alt. 'b, LW76056, Alt. 'b'	1. TEKNOWARE OY FINLAND 2. MOHAN RAIL COMPONENTS (P) LTD.,KAPURTHALA 3. RAIL TECH TECHNOLOGIES PVT. LTD,KAPURTHALA 4. D.R. AUTO, NEW DELHI		
8	31760454 31760624 31760636	ROOF MOUNTED VENTILLATION UNIT	1. FAIVELEY TRANSPORT RAIL TECHNOLOGIES INDIA LTD,* HOSUR 2. SIDWAL REFRIGERATION INDUSTRIES PVT. LTD,* FARIDABAD 3. AMIT ENGINEERS,BADDI	1. LLOYD ELECTRIC & ENGINEERING LTD,* BHIWADI 2.VAPCON MANUFACTURING ENGINEERS,PALGHAR	* PROTO TYPE TESTING TO BE DONE
9	33769904 33769953 33566653	PA SYSTEM TO SPEC No. EDTS-173	1. PUNJAB RADIO, JALANDHAR 2. PROZONE, JALANDHAR 3.AHUJA 4 .PHILIPS		

PAGE 28 OF 37		VALIDITY	FROM	TO	MASTER LIST No.	VERSION No: 13
			28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No: 2
S.No	CATEGORY & UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	

D ITEMS OF OTHER DORECTORATE:-

1		ROOF MOUNTED AC PACKAGE UNIT FOR DOUBLE DECKER EOG AC COACHES. RDSO/PE/SPEC/AC/ 0134 - 2009 (REV.'0')	<u>REFER RDSO LATEST VENDOR LIST</u>			
2		415 V, 3-PHASE INDUCTION MOTOR FOR ROOF MOUNTED AC PACKAGE UNITS. RDSO/PE/SPEC/AC/ 0089 (REV. '0') WITHAMENDMENT 1 & 2	<u>REFER RDSO LATEST VENDOR LIST</u>			
3		DRY TYPE AIR FILTER FOR AIR CONDITIONED COACHES UNDERSLUNG& CONVENTIONAL RMPU RDSO/PE/SPEC/AC/0055-2003 (REV. "2") WITH DRAWING NO. RDSO/PE/SK/ AC/0057-2003 (REV'2') SHEET 1 OF 2 & RDSO/PE/SK/ AC/0057-2003 (REV'2') SHEET 2OF 2.	<u>REFER RDSO LATEST VENDOR LIST</u>			

PAGE 29 OF 37		VALIDITY	FROM	TO	MASTER LIST No.	VERSION No: 13
			28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No: 2
S.No	CATEGORY & UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	

4		ROOF MOUNTED AC PACKAGE ELPS/SPEC/AC/03/(REV.2)WITH AMENDMENTNO.1 &2	<u>REFER RDSO LATEST VENDOR LIST</u>			
5		AC CONTROL PANEL FOR ROOF MOUNTED AC PACKAGE UNITS ELPS/SPEC/AC/ 04 (REV.3) WITH AMENDMENT NO. 1	<u>REFER RDSO LATEST VENDOR LIST</u>			
6		ELECTRONIC TIME DELAY RELAY FOR AC COACHES RDSO/PE/SPEC/AC/0060- 2004, REV. '0'	<u>REFER RDSO LATEST VENDOR LIST</u>			
7		DRY TYPE AIR FILTER FOR LHB RMPU RDSO/PE/SPEC/AC/0055-2003 (REV. "2") WITH DRAWING NO. RDSO/PE/SK/AC/0073-2004 (,REV'1') & DRAWING NO. RDSO/PE/SK/AC/AC/0074-2004 (REV'1')	<u>REFER RDSO LATEST VENDOR LIST</u>			

PAGE 30 OF 37		VALIDITY	FROM	TO	MASTER LIST No.	VERSION No: 13
			28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No: 2
S.No	CATEGORY & UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	

8		MICROPROCESSOR CONTROLLER FOR ROOF MOUNTED AC PACKAGE UNIT FOR LHB COACHES AND DOUBLE DECKER COACHES RDSO/PE/SPEC/AC/ 0139 - 2009 (REV. '1')	<u>REFER RDSO LATEST VENDOR LIST</u>			
9		ROOF MOUNTED AC PACKAGE UNIT FOR LHB VARIANT AC COACHES. RDSO/PE/SPEC/AC/ 0061 - 2005 (REV.'1')	<u>REFER RDSO LATEST VENDOR LIST</u>			
10	33580595	SWITCH BOARD CABINET FOR LHB EOG AC COACHES. RDSO/PE/SPEC/AC/ 0184-2015(REV.0)	<u>REFER RDSO LATEST VENDOR LIST</u>			
11	33580637	SWITCH BOARD CABINET FOR AIR-CONDITIONING OF LHB POWER CAR EDTS 104 REV. 'D', AMENDMENT '5'	<u>REFER RDSO LATEST VENDOR LIST</u>			
12	33580352	SWITCH BOARD CABINET FOR LHB AC POWER CAR FOR 2X500 KVA DA SET EDTS 103 REV. 'D', AMENDMENT '7'	<u>REFER RDSO LATEST VENDOR LIST</u>			

PAGE 31 OF 37		VALIDITY	FROM	TO	MASTER LIST No.	VERSION No: 13
			28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No: 2
S.No	CATEGORY & UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	

13		SWITCH BOARD CABINET FOR LHB AC COACHES EDTS 144	<u>REFER RDSO LATEST VENDOR LIST</u>			
14	33640695	SWITCH BOARD CABINET FOR LHB AC HOT BUFFET COACH TO EDTS 134 REV 'D' AMENDMENT '5'	<u>REFER RDSO LATEST VENDOR LIST</u>			
15	33580455	SET OF PANELS FOR LHB EOG NON AC COACHES. EDTS 355 REV. 1, AMENDMENT 1 & 2	<u>REFER RDSO LATEST VENDOR LIST</u>			
16		SWITCH BOARD CABINET FOR EOG TYPE DOUBLE DECKER COACHES. EDTS 327 REV. A CORR-1, AMENDMENT '1'	<u>REFER RDSO LATEST VENDOR LIST</u>			
17	80090280	INHIBITED OIL FOR CONVENTIONAL LOCO TO IS 12463-1988	<u>REFER RDSO LATEST VENDOR LIST</u>			
18	31790331	25 KVA UNDER SLUNG INVERTER RDSO/PE/SPEC/AC/0024- 2001 (REV-0) WITH AMENDMENT NO. 2.	<u>REFER RDSO LATEST VENDOR LIST</u>			

PAGE 32 OF 37		VALIDITY	FROM	TO	MASTER LIST No.	VERSION No: 13
			28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No: 2
S.No	CATEGORY & UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	

19	30711824	CONSTANT VOLTAGE AND CONSTANT CURRENT PRE-COOLING UNIT AND BATTERY CHARGER FOR SG AC COACHES RDSO SPEC NO. RDSO/PE/SPEC/AC/TL/ 0053 (REV. 0) AUG-2007 WITH AMNDT. 1 DT. 08.01.2010	<u>REFER RDSO LATEST VENDOR LIST</u>			
20	33718374	4.5 KW UNDERSLUNG CONSTANT VOLTAGE REGULATED CUM EMERGENCY BATTERY CHARGER FOR LHB COACHES TO RDSO/PE/SPEC/AC/0183(REV.1)-2018	<u>REFER RDSO LATEST VENDOR LIST</u>			
21	45170277	120 AH (VRLA) BATTERY RDSO/PE/SPEC/AC/0009 - 2014 (Rev. 2)	<u>REFER RDSO LATEST VENDOR LIST</u>			
22	45177764	1100AH VRLA to BATTERY RDSO/PE/SPEC/AC/0009 - 2014(Rev 2)	<u>REFER RDSO LATEST VENDOR LIST</u>			
23	45178641	650 AH VRLA BATTERY RDSO/PE/SPEC/AC/0009 - 2014 (Rev. '2')	<u>REFER RDSO LATEST VENDOR LIST</u>			

PAGE 33 OF 37		VALIDITY	FROM	TO	MASTER LIST No.	VERSION No: 13
			28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No: 2
S.No	CATEGORY & UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	

24	45170393	525 AH BATTERY RDSO/PE/SPEC/AC/0058-2005 (Rev. '0')	<u>REFER RDSO LATEST VENDOR LIST</u>		
25	45170344	800AH BATTERY RDSO/PE/SPEC/AC/0058-2005 (Rev. '0')	<u>REFER RDSO LATEST VENDOR LIST</u>		
26		450 AH BATTERY (MG AC COACHES) RDSO/PE/SPEC/AC/0058-2005 (Rev. '0')	<u>REFER RDSO LATEST VENDOR LIST</u>		
27	45178161	BATTERY FOR EMUS 90 AH (LM) (PPCP CONTAINER) RDSO/PE/EMU/SPEC/0014-2000 (REV. '0') WITH AMENDMENT NO. 1&2	<u>REFER RDSO LATEST VENDOR LIST</u>		
28		12 V, 70 AH VRLA BATTERY RDSO/PE/SPEC/AC/0009 - 2014 (REV. '2')	<u>REFER RDSO LATEST VENDOR LIST</u>		
29		LOW MAINTENANCE LEAD ACID BATTERIES WITH PPCP CELL ASSEMBLY HOUSED IN FRP OUTER CONTAINER FOR DIESEL ELECTRIC LOCOMOTIVES (8V, 450 AH LEAD ACID) - SPEC. NO. SPEC. NO. MP.0.24.00.65 (REV. 00) DEC. 2009	<u>REFER RDSO LATEST VENDOR LIST</u>		

PAGE 34 OF 37		VALIDITY	FROM	TO	MASTER LIST No.	VERSION No: 13
			28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No: 2
S.No	CATEGORY & UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	

30	45961440	ERRU FOR 4.5 KW ALTERNATOR TO RDSO/PE/SPEC/AC/ 0013-2011 (REV. '3')	<u>REFER RDSO LATEST VENDOR LIST</u>			
31	45157959	ERRU FOR 25 KW ALTERNATOR TO RDSO/PE/SPEC/AC/ 0013-2011 (REV. '3')	<u>REFER RDSO LATEST VENDOR LIST</u>			
32		ARMATURE BEARING GREASE FOR TRACTION MOTOR 4601 AZ/BX/BW OF BHEL, FUJI TM GGR 125ZY, TDK 5620 A / BHEL3701 AZ AND 133 AY / 3601 AZ	<u>REFER RDSO LATEST VENDOR LIST</u>			
33		AXLE SUSPENSION BEARING OILTDK 5620 A / BHEL 3701 AZ ,4601 AZ/BX/BW, FUJI TM GGR 125ZY	<u>REFER RDSO LATEST VENDOR LIST</u>			
34		GEAR CASE OIL 133 AY / 3601 AZ, TDK 5620 / BHEL 3701 AZ ,4601 AZ/BX/BW, FUJI TM GGR 125ZY	<u>REFER RDSO LATEST VENDOR LIST</u>			

PAGE 35 OF 37		VALIDITY	FROM	TO	MASTER LIST No.	VERSION No: 13
			28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No: 2
S.No	CATEGORY & UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	

35	33681170	DA SET 500 KVA (336 KW), 750V, 3 PHASE TO RDSO/PE/SPEC/AC/0084-2008, REV.1 WITH ICF AM-	<u>REFER RDSO LATEST VENDOR LIST</u>			
36	33641110	ZS COUPLING 400A, 750V, 3 PHASE FOR BIO-TOILET COACHES TO EDTS-105, REV.E, AM-1, 2 & 3	<u>REFER RDSO LATEST VENDOR LIST</u>			
37	33718684 33996933	ZS COUPLING 500A, 750V, 3 PHASE TO RDSO/PE/SPEC/AC/0177, REV.0-2013	<u>REFER RDSO LATEST VENDOR LIST</u>			
38		THIN WALLED CABLES FOR CONVENTIONAL LOCOMOTIVES & EMUS/ COACHING STOCK (CHEMICAL CURING PROCESS / ELECTRON BEAM IRRADIATION CURING PROCESS)* ELRS/SPEC/ELC/ 0019, REV '2' OF FEBRUARY 2011	<u>REFER RDSO LATEST VENDOR LIST</u>			
39		THIN WALLED CABLE FOR 3-PHASE LOCOMOTIVES SINGLE CORE CABLE CLW/ES/3/0458	<u>REFER RDSO LATEST VENDOR LIST</u>			

PAGE 36 OF 37		VALIDITY	FROM	TO	MASTER LIST No.	VERSION No: 13
			28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No: 2
S.No	CATEGORY & UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	

40		THIN WALLED CABLE FOR 3-PHASE LOCOMOTIVES MULTI CORE CABLE CLW/ES/3/0459	<u>REFER RDSO LATEST VENDOR LIST</u>			
41		SINGLE CORE & MULTI CORE HRPVC CABLES (FOR EMUS & COACHES) E-14/01 (REV.2) 1993 PART III	<u>REFER RDSO LATEST VENDOR LIST</u>			
42		SINGLE CORE & MULTI CORE (FOR LOCO & EMU) E-14/01 (REV.2) 1993 (PART I & II)	<u>REFER RDSO LATEST VENDOR LIST</u>			
43		FLEXIBLE POLYAMIDE CONDUIT WITH ITS ENDFITTINGS AND ACCESSORIES TO RDSO/PE/SPEC/AC/0138-2009(REV.1)	<u>REFER RDSO LATEST VENDOR LIST</u>			
44	31716076	ADVANCED AUTOMATIC WARNING SYSTEM TO RDSO SPEC. No. SPN/213/2014 VERSION 1.0 WITH ICF ANNEXURE-01	<u>REFER RDSO (S&T) LATEST VENDOR LIST</u>			
45	30767040	TWIN BEAM HEAD LIGHT WITH 24 V HALOGEN LAMPS TO ELRS/SPEC/PR/0024, REV.1, SEPT-2004 FOR EMU's & MEMU's	<u>REFER CLW LATEST VENDOR LIST</u>			

PAGE 37 OF 37		VALIDITY	FROM	TO	MASTER LIST No.	VERSION No: 13
			28.07.2020	31.03.2021	ICF/ELEC/I-2	AMENDMENT No: 2
S.No	CATEGORY & UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	

46	31920706	PANTOGRAPHS FOR FREIGHT LOCOS(AC APPLICATIONS) TO RDSO/2008/EL/SPEC/0066 REV.0 DT.20/06/2008 AND AMENDMENT 1 DATED 31/12/2018	<u>REFER CLW LATEST VENDOR LIST</u>			
47		SPARES FOR AM12OR IR01 OR PAN 01 TYPE PANTOGRAPH TO RDSO/2008/EL/SPEC/0066 REV.0 DT.20/06/2008 AND AMENDMENT 1 DATED 31/12/2018	<u>REFER CLW LATEST VENDOR LIST</u>			
48		METALISED CARBON STRIP FOR PANTOGRAPHS	<u>REFER CLW LATEST VENDOR LIST</u>			
49	31920809	VACCUM CIRCUIT BREAKER(SINGLE BOTTLE) TO CLW/ES/C-47	<u>REFER CLW LATEST VENDOR LIST</u>			
50	31726318	CABLE HEAD TERMINATION SYSTEM TO ELRS/SPEC/BL/0003 REV.1 AND AMENDMENT1 DEC2008	<u>REFER CLW LATEST VENDOR LIST</u>			