

ICF/ELEC/I-EXUR
VERSION : EXUR-1
AMENDMENT 0
Dated: 27-08-2020



VENDOR LIST
ITEMS EXCLUSIVELY FOR ZONAL RAILWAYS
VALID UP TO 31-03-2021

INTEGRAL COACH FACTORY
CHENNAI - 600 038

1. THE LIST OF VENDORS FOR ELECTRICAL ITEMS EXCLUSIVELY FOR ZONAL RAILWAYS. 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. CURRENCY OF TYPE TEST APPROVAL IS MANDATORY. FIRMS AND INSPECTING AUTHORITY SHALL ENSURE THE SAME.
4. ALL THE SPECIFICATIONS AND DRAWINGS MENTIONED SHOULD BE READ WITH LATEST ALTERATION ONLY.
5. 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..
6. PERIODICAL AMMEDMENTS WILL NOT BE ISSUED FOR THIS VENDOR LIST. AMMEDMENTS WILL BE ISSUED WHENEVER ITS REQUIRED.
7. LATEST AMENDMENTS TO THIS DOCUMENT CAN BE SEEN ON “www.icf.indianrailways.gov.in”

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	

1	30767052 30726232	ELECTRONIC LAMP BALLAST 110V AC/DC -18W TO RDSO/PE/SPEC/TL/0011 - 2000 (REV 1) JULY 2001 AM-1	1. TECHNO TRAK, HYDERABAD 2. D.R. AUTO INDUSTRIES, DELHI 3. PREMIER COMBINES, CHENNAI 4. INTRA ELECTRONICS, PUNE 5. BEST CHOICE SYSTEMS (PVT) LTD, BANGALORE			
2	42111158	ELECTRONIC LAMP BALLAST 110V AC / DC 36W TO SPEC ICF/ELEC/115		1. D.R. AUTO INDUSTRIES, NOIDA 2. PREMIER COMBINES, CHENNAI 3. INTRA ELECTRONICS, PUNE		
3	30767076	ELECTRONIC LAMP BALLAST FOR CFL (11W) AC/DC TO RCF Spec No: EDTS-064	1. PREMIER COMBINES, CHENNAI 2. BEST CHOICE SYSTEMS (PVT) LTD, BANGALORE 3. INTRA ELECTRONICS, PUNE	1. TECHNO TRAK, HYDERABAD 2. INTEGRATED POWER SYSTEM, HYDERABAD		

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
4	30767970 30768123 31766110 31766122 30767982 30768238 45960768 30768020 30944521 30943176	PREWIRED FLUORESCENT LIGHT FITTING ICF/STD/ 7-6-021, Col I ICF/STD 7-6-024, Col II ICF/STD 7-6-020, Col II ICF/STD 7-6-020, Col I ICF/STD 7-6-027, Col I ICF/STD 7-6-017, Col III ICF/STD 7-6-018, Col I ICF/STD 7-6-018, Col II ICF/STD 7-6-022, Col II ICF/STD 7-6-029, Col I&II	1. K LITE INDUSTRIES, CHENNAI 2. K.R.INDUSTRIES, MUMBAI 3. KAMLESH INDUSTRIES, MUMBAI 4. INTEG ELECTRONICS, NEW DELHI	1. DHINGRA ENGINEERING WORKS, NOIDA		
5	45153504	COMPACT FLUORESCENT LAMP 4 PIN, 11W TYPE S/E COOL DAY LIGHT COLOUR TEMP. 6500k	1. OSRAM MAKE 2. PHILIPS MAKE	1. HAVELLS MAKE 2. G.E MAKE 3. BAJAJ MAKE		
6	45960288 30767088 30767957 30767945 30768597 30767921 30768135	PREWIRED COMPACT FLUORESCENT LIGHT FITTINGS ICF/STD/ 7-6-011, Col II ICF/STD/7-6-005 Col -I ICF/STD/ 7-6-005, Col II ICF/STD 7-6-023, Col I ICF/STD 7-6-023, Col II ICF/STD 7-6-023, Col III ICF/STD 7-6-025, Col I ICF/STD 7-6-025, Col II	1. K-LITE INDUSTRIES, CHENNAI 2. K.R. INDUSTRIES, MUMBAI 3. KAMLESH INDUSTRIES, MUMBAI	1. D.R. AUTO INDUSTRIES, NOIDA 2. INTRA ELECTRONICS, PUNE. 3. INTEG ELECTRONICS, NEW DELHI		
7	45150837	DOUBLE CAPPED TUBULAR FL LAMPS - 18W -RDSO/PE/SPEC/TL/011 - 2000 (REV I) Jul 2001 AMND 1, SECTION 1	1. SURYA ROSHINI 2. OSRAM 3. PHILIPS 4. GE 5. BAJAJ			

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
8	30767131	NIGHT LIGHT FITT. WITH BERTH IND-ICF drg : SCN 7-6-601 Col 1 to 8 alt C	1. RAMYAA ELECTRO-GEAR PVT. LTD, CHENNAI 2. KAMLESH INDUSTRIES, MUMBAI			
9	45972102	NIGHT LIGHT FITTING - ICF/SK -7-6 020/ COL - III	1. KRISHNA METALLURGICAL WORKS, CHENNAI 2. KAMLESH INDUSTRIES, MUMBAI			
10	30767645	CIRCULAR TYPE NIGHT LIGHT FITTING - ICF/ STD - 7- 6-012	1. K-LITE INDUSTRIES, CHENNAI			
11	45157388	BERTH READING LIGHT FITTING - WGFAC - 7-2-011, Col I	1. ARBOR INDUSTRIES, CHENNAI	1. KAMLESH INDUSTRIES, MUMBA		
12	30767647	MIRROR LIGHT FITTING 110VDC,11W - ICF /STD - 7-6-028	1.RAMYAA ELECTRO-GEAR PRIVATE LIMITED, CHENNAI	1..K-LITE INDUSTRIES, CHENNAI		
13	30768007	MIRROR LIGHT FITTING 110VDC, 11W - ICF /STD - 7-6-006, Col II, Alt. H	1. KAMLESH INDUSTRIES, MUMBAI 2. K.R. INDUSTRIES, MUMBAI 3. INTEG ELECTRONICS,NEW DELHI	1. K-LITE INDUSTRIES, CHENNAI		

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
14	45150503	TAIL LAMP FOR EMU - ICF/SK/991, Col I	1. KRISHNA METALLURGICAL WORKS, CHENNAI			
15	45157169	ELECTRIC TAIL LAMP (FIXED TYPE) DRG.NO. RDSO / SKEL/3900 / A	1. KRISHNA METALLURGICAL WORKS, CHENNAI	1. KAMLESH INDUSTRIES, MUMBAI		
16	31906023	FAULT INDICATION LAMP - ICF/SK 9 - 0-613, Col IV	1. KRISHNA METALLURGICAL WORKS, CHENNAI			
17	36756052	MARKER LIGHT FOR DETC - CLW Spec -CLW/ES/L-4/B	1. KRISHNA METALLURGICAL WORKS, CHENNAI			
18	45158990	FLASHER UNIT ASSEMBLY TO - ICF/SK 7-2-401 COL.II		1.RICHMOND ENTERPRISES PVT LTD, COIMBATORE 2.KONTACT CONSORTIUM INDIA P. LTD, CHENNAI		
19	45158253	ALARM CHAIN PULL INDICATION FITTING RDSO/SKEL 3911 REV - 1	1 1.KAMLESH INDUSTRIES, MUMBAI 2.KRISHNA METALLURGICAL WORKS, CHENNAI	1.KUNDAN INDUSTRIES, MUMBAI		

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
20	33580571	LAVATORY LIGHT FITTING WITH CFL TO Drg. No. LW-76033	1. D.R. AUTO INDUSTRIES, NOIDA 2. DHINGRA ENGG. WORKS, NEW DELHI 3. INTEG ELECTRONICS, NEW DELHI			
21	33566720	VESTIBULE LIGHT FITTING TO DRG. No. LW 76004	1.D.R. AUTO INDUSTRIES, NEW DELHI 2. DHINGRA ENGG. WORKS, NEW DELHI 3. INTEG ELECTRONICS,NEW DELHI	1.V. S. INSTRUMENTS,SANGLI		
22	33580431	CFL FITTING DOUBLE TO DRG. No. CC-76216	1 D.R. AUTO INDUSTRIES, NEW DELHI 2. DHINGRA ENGG. WORKS, NEW DELHI 3.KAVERI IND, DELHI 4. FLOLITE ELECTRICAL IND. NEW DELHI 5. INTEG ELECTRONICS, NEW DELHI			

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
23	33566677	LED BASED TAIL LAMP IN SLR & POWER CAR ROLLING STOCK APPLICATION to Spec. No. RDSO/PE/SPEC/TL/0119-2008 (Rev.0)		1.ALTOE ELECTRONICS, PUNE 2 .ELECTRONIC EQUIPMENT CO. PVT. LTD., KOLKATTA 3. RT VISION TECHNOLOGIES PVT. LTD., DELHI 4. BETLE ENGINEERING WORKS ,KOLKATTA 5. ELECTRICALS ELECTRONICS INDUSTRIAL CORPORATION, KOLKATTA		
24		LED BASED TAIL LIGHT FOR 1500 V DC & 25 KV AC EMUS AND MEMUS RDSO/PE/SPEC/EMU/0063 - 2004 (REV. '1')	1.MATSUSHI POWER TECHNOLOGIES, NEW DELHI. 2.ALTOE ELECTRONICS, PUNE	1. SIGNOTRON (I) PVT. LTD, KOLKATA 2.ELECTRICALS ELECTRONICS INDUSTRIAL CORPORATION, KOLKATA		

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
25	30767544	LED TYPE EMERGENCY LIGHT UNIT FOR SELF-GENERATING CONVENTIONAL COACHES RDSO/PE/SPEC/AC/ 0180-2016 (REV.0) WITH RDSO DRG. NO. RDSO/PE/SK/TL/0180-2016(REV.0) SHEET NO. 1&2	<ol style="list-style-type: none"> 1. IC ELECTRICALS, HARIDWAR 2. MAAVE ELECTRONICS, HYDERABAD 3. DR AUTO INDUSTRIES, NOIDA 4. A PAUL SOFTWARE SYSTEMS PVT LTD NEW DELHI. 5. INSTAPOWER LTD., ROORKEE 6. INTRA ELECTRONICS, PUNE 7. GENERAL AUTO ELECTRIC CORPORATION, MUMBAI 8. V.G.S. TECHNOLOGIES, HYDERABAD 9. ARECA EMBEDDED SYSTEMS PVT. LTD., HYDERABAD 10. ASSOCIATED LIGHTING SYSTEM PVT. LTD., REHMAPUR, UTTARAKHAND 	<ol style="list-style-type: none"> 1. RT VISION TECHNOLOGIES PVT LTD, DELHI 2. CONCORD CONTROL SYSTEMS PVT. LTD., LUCKNOW 3. DAN ELECTRONICS SYSTEM PVT. LTD., NEW DELHI# 4. SARANYA ELECTRONICS PVT. LTD. HYDERABAD# 	#APPROVED WITH ICF SPECN. NO. ICF/ELEC/917 REV.1. HOWEVER, REVALIDATION IS PENDING AS PER RDSO/PE/SPEC/AC / 0180-2016 (REV.0) WITH RDSO DRG. NO. RDSO/PE/SK/TL/0180-2016(REV.0) SHEET NO. 1&2.	
26	45180611	AXIAL FAN 110V AC 50HZ - ICF/SK-7-6-177 (IS:3588)	<ol style="list-style-type: none"> 1. EBM-NADI INTERNATIONAL PVT. LTD, CHENNAI 2. KONTACT CONSORTIUM INDIA PVT LTD (HICOOL MAKE), CHENNAI 			

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
27	45180600	AXIAL FAN 230VOLTS AC, 50HZ FOR STORE ROOM TO ICF/SK-7-6-177	1.HICOOL ELECTRONICS, MUMBAI	1.EBM-NADI INTERNATIONAL, CHENNAI		
28	45979285	HEAVY DUTY EXHAUST FANS FOR PANTRY AREA TO IS: 2312 LATEST	1.KHAITAN ELECTRICALS LTD 2.ALMONARD LIMITED 3.CG POWER AND INDUSTRIAL SOLUTIONS LTD, MANDIDEEP			
29	43210016	AIR DIFFUSER - ICF/STD 7-3-001	1.RAGHAVENDRA INDUSTRIES, CHENNAI	1.AIR FLOW EQUIPMENTS, CHENNAI 2.AIR BREEZE INDIA (P) LTD., CHENNAI 3.KONTACT CONSORTIUM INDIA PRIVATE LTD, CHENNAI		
30	30767090	AIR DIFFUSER (BIG) - ICF/STD 7-3-003, Alt. e	1.RAGHAVENDRA INDUSTRIES, CHENNAI 2.AIR FLOW EQUIPMENTS (INDIA) PVT.LTD, CHENNAI 3.AIR BREEZE INDIA (P) LTD., CHENNAI			

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
31	30736055	AIR DIFFUSER (CORRIDOR) - ICF/STD - 7-3-005, Alt. d	1. RAGHAVENDRA INDUSTRIES, CHENNAI 2. AIR BREEZE INDIA (P) LTD, CHENNAI 3 .AIRFLOW EQUIPMENTS (INDIA) PVT. LTD, CHENNAI 4. KONTACT CONSORTIUM INDIA PRIVATE LTD, CHENNAI			
32	42021741 42021765	TOGGLE SWITCH 15A, 250V AC/DC DRG.NO.ICF/SK-7-4-002 ALT 'G'.	1. ESSEM ENGINEERING CO, CHENNAI 2. R.G. KESHWANI INDUSTRIES, CHENNAI 3. SWITCHON INDUSTRIES, MUMBAI	1.MADAN BROTHERS, NEW DELHI		
33		ROOF MOUNTED AC PACKAGE ELPS/SPEC/ AC/03/(REV.2)WITH AMENDMENTNO.1 &2	1. SIDWAL,FARIDABAD (720) 2. INTEC,SELAQI(600) 3. LEEL ELECTRICALS LTD,BHIWADI(600) 4. DAULAT RAM INDUSTRIES, HARIDWAR(500) 5. AMIT ENGINEERS,BADDI(300) 6. DRESPL,RAISEN(MP) (600)	1.STESALIT,BADDI(300)		

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
34		AC CONTROL PANEL FOR ROOF MOUNTED AC PACKAGE UNITS ELPS/SPEC/AC/ 04 (REV.3) WITH AMENDMENT NO. 1	<ol style="list-style-type: none"> 1. SIDWAL,FARIDABAD (720) 2. INTEC,SELAQI(600) 3. LEEL ELECTRICALS LTD,BHIWADI(600) 4. DAULAT RAM INDUSTRIES, HARIDWAR(500) 5. AMIT ENGINEERS,BADDI(300) 6. DRESPL,RAISEN(MP) 	1.STESALIT,BADDI(300)		
35		ELECTRONIC TIME DELAY RELAY FOR AC COACHES RDSO/PE/SPEC/AC/0060- 2004, REV. '0'	<ol style="list-style-type: none"> 1. A PAUL, NEW DELHI 2. AMIT ENGINEERS, BADDI 3. MAX MICRO SYSTEMS, FARIDABAD. 4. SELEC CONTROLS PVT. LTD, NAVI MUMBAI 			

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
36	31907842	ROOF MOUNTED HEATING UNIT TO SPEC No. ICF/ELEC/089, Rev.1		1. LLOYD ELECTRIC & ENGINEERING LTD.,* BHIWADI 2. SIDWAL REFRIGERATION INDUSTRIES,* FARIDABAD 3. FEDDERS LLOYD CORPORATION LTD.,* NOIDA 4. DAULAT RAM ENGINEERING SERVICES PVT. LTD.,* RAISEN 5. INTEC CORPORATION,* H.P 6. AMIT ENGINEERS, BADDI	*PROTO TYPE TESTING TO BE DONE	
37	45978311	HYD. LIFTING PLATFORM ICF/ELEC/OHE/001. Rev.1	1. HYDRAULIC ACTUATORS PVT LTD, CHENNAI 2. ORIONE HYDRAULICS P.LTD, BELGAUM	1. VANJAX SALES (P) LTD, CHENNAI 2. BEMCO JACKS & ALLIED, BELGAUM 3. VISGO HANDLINGS, CHENNAI		

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
38	31790240	LIGHTNING ARRESTER 42 KV, 10 KA - RDSO SPEC E1/2/05-87, AMEND.NO.1	1. ALSTOM INSTRUMENT TRANSFORMERS PVT LTD, BANGALORE 2. CG POWER AND INDUSTRIAL SOLUTIONS LTD, NASIK			
39	31906011	ROOF INSULATOR- ICF/SK -9-0-506, Alt. d	1. INSULATORS & ELECTRICALS, MANDIDEEP 2. SARAVANA GLOBAL ENERGY LIMITED, CUDDALORE			
40	45979560	CEILING TYPE LOUDSPEAKER 4W, WITH SUITABLE BUILT-IN LINE MATCHING TRANSFORMER TO IEC-60268-5	1.PHILIPS	1. AHUJA 2. BOSCH 3. ELIXIR		
41	45976399	FRP SMC MOLDED FUSE DISTRIBUTION BOX TO ICF DRG. NO. GS-7-6-018 & GS-7-6-019	1.ORIENTAL INSULATORS, FARIDABAD 2.JANGDA ELECTRIC IND., MUMBAI 3.KAMLESH INDUSTRIES, MUMBAI	1. MAA LAXMI INDUSTRY, KOLKATA 2. CSM ENGINEERS, FARIDABAD		
42	30768469 30768457	ATTENDENT ANNUNCIATOR TO DRG NO: ICF/STD-7-6-015 Col-I ATTENDENT INDICATOR COMPLETE TO ICF/STD 7-6-014, Col - I, Alt. a	1.KONTACT CONSORTIUM INDIA PRIVATE LTD, CHENNAI 2.RAMYAA ELECTROGEAR PRIVATE LIMITED, CHENNAI			

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
43	30700024	PASSENGER INFORMATION SYSTEM FOR AC AND NON AC COACHES RDSO/PE/SPEC/AC/ 0087-2008 (REV. 1)	1. ARECA EMBEDDED SYSTEM PVT. LTD., HYDERABAD 2. A. PAUL INSTRUMENTS, NEW DELHI 3. ELECTRONIC EQUIPMENT CO. PVT. LTD., KOLKATA 4. UNIVERSAL CONTROLS, HYDERABAD (W.E.F 21/09/19) 5. IC ELECTRICALS CO (P) LTD, NEW DELHI(W.E.F 21/09/19) 6. VGS TECHNOLOGIES, HYDERABAD (W.E.F. 21/09/19)	1. MEDHA SERVO DRIVES PVT LTD, HYDERABAD 2. FIEM INDUSTRIES LTD,SONEPAT*	*APPROVED ONLY FOR AC COACHES	
44	45140029	110V DC AND 110V AC MOBILE CHARGER to ICF/SK3-7-6-036, ICF/SK3-7-6-047, ICF/SK3-7-6-042		1. RICHMOND ENTERPRISES PVT. LTD, COIMBATORE 2. MICROMOT TECHNOLOGIES, CHENNAI 3. RAMYAA ELECTRO GEAR PVT. LTD., CHENNAI 4. KONTACT CONSORTIUM INDIA PVT. LTD, CHENNAI 5. VIVEK INDUSTRIAL PRODUCTS, KAPURTHALA 6. OSWIN INDUSTRIES, MUMBAI		

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
45	45961700	100 VA INDIVIDUAL STATIC INVERTER FOR LAPTOP/MOBILE, Type - A & B TO RDSO/PE/SPEC/TL/0142-2010 (REV.'0')	1. SIGNOTRON (INDIA) PVT. LTD 2. I.C. ELECTRICALS COMPANY PVT. LTD.. 3.HYTECH POWER SYSTEM	1. EASTERN ELECTRO SYSTEM 2. SARANYA ELECTRONICS PVT. LTD. 3. SAFE ELECTRONICS,NEW DELHI		
46	43010155 43020588 43010161 43010180 43020574 43020598	ANALOG AMMETERS / VOLT METERS TO IS: 1248/83	1.AUTOMATIC ELECTRIC LIMITED, MUMBAI	1. YOKINS INSTRUMENTS PVT LTD,DELHI		
47	31906151 43010180	ELECTRONIC LOAD AMMETER 0-1000 A		1.SAMADHAN SYSTEMS, KOLKATTA		
48	31907349	MICROPROCESSOR- BASED ELECTRONIC INDICATING- CUM -RECORDING AND ENERGY MONITORING SYSTEM FOR 25 KV AC EMU, MEMUS & 1500 V DC EMUS TO RDSO/PE/SPEC/EMU/0032.- 2002(REV.'0') AMENDMENT NO. 1, 2& 3	1. MEDHA SERVO DRIVES PVT. LTD, HYDERABAD 2. AUTOMETERS ALLIANCE LTD, NOIDA 3. LAXVEN SYSTEMS, HYDERABAD	1. VTL ELECTRONICS, KOLKATTA		
49		MINIATURE CIRCUIT BREAKERS (DC) SPEC E-12/1/04 OF MARCH 92 WITH AMENDT-1 OF JUNE 93 & RDSO DRG NO.SKEL 3700 ALT.1 DT 5.9.94	1.LEGRAND (0.5 TO 60 A)	1. INDO ASIAN LTD (2.5 TO 40AMP/130V DC) 2. HAVELLS (0.5 to 60 A)		

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50	45145799 45145805 45145015 31920986 45145854 45144989 45144990 45145880 45974536	MCB AC SP/DP/TP (AC 250V/440V) - IS/IEC-60898-1 (2002)	1. LEGRAND 2. SIEMENS 3. SCHENIDER	1.INDO ASIAN 2.HAVELLS		
51	42088446 45146457 45146482 45146494	LOW VOLTAGE FUSE LINK & HRC FUSE HOLDER TO IEC:60269-2-1/IS: 13703-1993	1. SIEMENS 2. L&T 3. C & S 4. BUSSMANN 5. KEL	1. R.B.COMMERCIAL CORPORATION		
52	45138643 45978840 45961384	ROTARY SWITCH CUM FUSE PANEL TO ICF DRG. GS 6-7-2-602/ I & II , Alt. n ROTARY SWITCH CUM FUSE DISTRIBUTION BOX TO Col. I & II OF DRG No. ICF/SK3-7-2-031, Alt. h	1.KONTACT CONSORTIUM INDIA PRIVATE LTD, CHENNAI 2.GUNAM ENGINEERING ENTERPRISES, CHENNAI 3.RICHMOND ENTERPRISES PVT LTD, COIMBATORE 4. KAMLESH INDUSTRIES, MUMBAI	1..VAANAVIL ENTERPRISES, CHENNAI 2. AMBIGO ELECTROTECH, CHENNAI		

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53		ROTARY SWITCH 16 A TO 500 A TO IS 13947 PART - III	1. SALZER 2. L&T 3. SWITCHON (UPTO 100A) 4. KAYCEE INDUSTRIES, MUMBAI			
54	45137882	GUARDS CONTROL ROTARY SWITCH -	1. KAYCEE	1. SWITCHON 2. SALZER		
55	45960720	MCB CUM ROT SWIT BOX - WGFAC 7-2 -706/ Col 1&2, Alt. b		1. GUNAM ENGINEERING ENTERPRISES, CHENNAI 2.RAMYAA ELECTROGEAR PRIVATE LIMITED, CHENNAI 3.RICHMOND ENTERPRISES P. LTD., COIMBATORE		
56	31753899	SWITCH BOX DRIVERS CONTROL - ICF/SK - 7-2-270 , Col -I, Alt. p	1. MAA LAXMI INDUSTRY, KOLKATA	1. PLANT ENGINEERS, CHENNAI		

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57	31720080	AMALGAMATED MLT PANEL TO ICF/ELEC/073 REV A, CS -3	1. KONTACT CONSORTIUM INDIA PRIVATE LTD, CHENNAI 2. RAMYAA ELECTRO-GEAR PRIVATE LIMITED, CHENNAI			
58	31753899	DRIVERS DESK MCB PANEL - EMU/M2-7-5-502, Col III & IV, Alt. t	1. KONTACT CONSORTIUM INDIA PRIVATE LTD, CHENNAI 2. RAMYAA ELECTROGEAR PRIVATE LIMITED, CHENNAI	1. RICHMOND ENTERPRISES P. LTD., COIMBATORE		
59	31757250	MCB PANEL TO DRG No. EMU/M2 - 7-5-502 Col VIII & IX, Alt. t	1. KONTACT CONSORTIUM INDIA PRIVATE LTD, CHENNAI	1. RAMYAA ELECTRO-GEAR PRIVATE LIMITED, CHENNAI 2. VAANAVIL ENTERPRISES, CHENNAI 3. RICHMOND ENTERPRISES PVT LTD, COIMBATORE		

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
60	31726549	EARTH FAULT RELAY 110V DC - SPEC M2YF328M OF ALSTOM PICKUP VOLT 50V & AUX VOLTAGE 11VDC	1. MULTIVISTA GLOBAL LIMITED, CHENNAI 2. ALSTOM INSTRUMENT TRANSFORMERS, BANGALORE	1. MEGAWIN SWITCHGEAR PVT.LTD., SALEM		
61	31720043	SILICON DIODE PANEL - EMU/M2 72507	1. KONTACT CONSORTIUM INDIA PRIVATE LTD, CHENNAI 2.PREMIER COMBINES, CHENNAI 3.TECHNOTRACK, HYDERABAD			
62	45970981	MOTOR CUT OUT ROTARY SWITCH	1. KAYCEE, MUMBAI 2. SWITCHON, MUMBAI	1. SALZER, COIMBATORE		
63	45960963 45960951	PREWIRED END WALL MCB PANEL - ICF/SK 7-5-086 , Col I&II	1. KONTACT CONSORTIUM INDIA PRIVATE LTD, CHENNAI	1. RAMYAA ELECTRO-GEAR PRIVATE LIMITED, CHENNAI 2. GLOBAL ENGINEERING, BANGALORE 3. GUNAM ENGINEERING ENTERPRISES, CHENNAI		
64	45960914 45960896 45960926	PREWIRED TERMINAL BOARDS ASSEMBLY - ICF/SK 7-5-086, COL. I&II ICF/SK 7-5-087 , Col I ICF/SK 7-5-085	1. KONTACT CONSORTIUM INDIA PRIVATE LTD, CHENNAI	1. VAANAVIL ENTERPRISES, CHENNAI 2.RICHMOND ENTERPRISES PVT LTD, COIMBATORE 3. RAMYAA ELECTROGEAR PRIVATE LIMITED, CHENNAI		

PAGE 19 OF 45		VENDOR DIRECTORY FOR ITEMS EXCLUSIVELY FOR ZONAL RAILWAYS		VERSION: EXUR-1	AMENDMENT-0	VALID UP TO 31/03/2021
SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
65	45211437	LED INDICATION PANEL - ICF/SK3 - 7 -2-013,COL II	1.RAMYAA ELECTROGEAR PRIVATE LIMITED, CHENNAI			
66	42022447	GUARD PUSH BUTTON SWITCH - ICF/SK - 1519, Alt. b	1. BALAJI ENGINEERING WORKS, CHENNAI 2. GUNAM ENGINEERING ENTERPRISES, CHENNAI 3. KRISHNA METALLURGICAL WORKS, CHENNAI			
67	31710347	TRANSFORMER 2 KVA, 415 V/190 V TO ICF/ELEC/914	1.RAMYAA ELECTROGEAR PRIVATE LIMITED, CHENNAI 2. BHAVITRON POWERTEC PVT. LTD., CHENNAI	1. AMBIGO ELECTRO TECH, CHENNAI		
68	31726525	CONSTANT VOLTAGE TRANSFORMER 500VA - ICF/ELEC/080/CS - 01	1.RAMYAA ELECTROGEAR PRIVATE LIMITED, CHENNAI	1.KONTACT CONSORTIUM INDIA PRIVATE LTD., CHENNAI		
69	31726239	SIMPLIFIED BATTERY CHARGER - ICF/ELEC/067 (REV A), CS-3	1. RAMYAA ELECTROGEAR PRIVATE LIMITED, CHENNAI 2. MB & COMPANY, KOLKATA	1. OM ENTERPRISES, KOLKATA		

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
70	31790367	AUX COMPRESSOR WITH MOTOR - ICF/ELEC/ 050	1. COIMBATORE COMPRESSOR ENGG. CO. P. LTD., COIMBATORE 2. ELGI EQUIPMENTS LIMITED, COIMBATORE			
71		SOLID STATE TEMP CONTROL TO RDSO/PE/SPEC/AC/0020-(REV-0) SEPT 2000 WITH AMEND.1,2,3	1. A.PAUL INSTRUMENTS, DELHI 2. ANALOG ELECTRONICS, CHENNAI	1.AMIT ENGINEERS, BADDI 2. SIDWAL REFRIGERATION INDUSTRIES, FARIDABAD		
72	31926150	ADDITIONAL SMOOTHING REACTOR - ICF/ELEC/068, & ICF/SK 9-0-942, Alt.a & ICF/SK 9-0-963	1. RAMYAA ELECTROGEAR PRIVATE LIMITED, CHENNAI	1. PLANT ENGINEERS, CHENNAI		
73	45217701	SINGLE STROKE STARTING BELL 110V - ICF/ELEC/051,CS- I & ICF/SK-1505	1.BALAJI ENGINEERING WORKS, CHENNAI	1. GUNAM ENGINEERING ENTERPRISES, CHENNAI		
74	42318750 42318762	COUPLER FEMALE 19 PIN BENI 'D' TYPE - ICF/SK 7-5-501/ Item 2&5	1.MAA LAXMI INDUSTRY, KOLKATA			
75	31755926	BRAKE APPLICATION RELAY - ICF/SK 7-2-395, Alt. d	1. AUTEL, MUMBAI	1. VIJAY ELECTRO CONTROLS, BANGALORE		

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
76	31716003	EARTHING SWITCH CONTACTS - ICF /SK 71524/Col II, Alt. c	1.BALAJI ENGINEERING WORKS, CHENNAI			
77	45158356	TREMBLER BELL 100 V DC ICF/ELEC/052 CS NO. 02 & DRG. No. ICF/ SK / 7 - 2- 158 alt. 'A'	1. ANIRUDH SALES CORP., CHENNAI (EDISON BRAND)	1. KONTACT CONSORTIUM INDIA PRIVATE LTD., CHENNAI		
78	30767039	INTER COMMUNICATION SYSTEM - RDSO/SPN/TL/26/98 Rev 01	1. PHILIPS MAKE 2. AHUJA MAKE			
79	31908005	LED BASED HEAD CODE, GPS BASED PASSENGER INFORMATION AND PUBLIC ADDRESS SYSTEM FOR EMUS/MEMUS RDSO/PE/SPEC/EMU/0065 (REV. '3') WITH AMENDMENT NO. 1	1. ARECA EMBEDDED SYSTEMS PVT. LTD., HYDERABAD 2. MEDHA SERVO DRIVES PVT. LTD., HYDERABAD 3. PT COMMUNICATION SYSTEMS PVT. LTD., NEW DELHI 4. A.PAUL INSTRUMENTS CO., NEW DELHI	1. UNIVERSAL CONTROLS, HYDERABAD 2. AUTOMETERS ALLIANCE LTD., NOIDA 3. SARANYA ELECTRONICS PVT. LTD., HYDERABAD		
80	31902017	CAB HEATER UNIT TO SPEC. No. ICF / ELEC / OHE/008	1. ELECOS ENGINEERING PVT LTD.,* KOLKATA 2. TOP GRIP INSTRUMENTS COMPANY, KOLKATA			* PROTO TYPE TESTING TO BE DONE

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
81	31902110	SUPPLY & INSTALLATION OF CCTV SYSTEM OF DETC COACHES TO SPEC.NO. ICF/ELEC/OHE/009		1. LINKUP NETWORK (P) LTD.,* CHENNAI (TECH VISION BRAND) 2. KONTACT CONSORTIUM INDIA PVT. LTD.,* CHENNAI (HIK VISION BRAND) 3. SONAL ENTERPRISES PVT. LTD.,* NEW DELHI (HIK VISION BRAND)	* PROTO TYPE TESTING TO BE DONE	
82		AUTOMATIC WARNING SYSTEM (AC INDUCTIVE TYPE) TO RDSO SPEC. NO. S 38-70		1. SIEMENS LTD., MUMBAI 2. MEDHA SERVO DRIVES PVT. LTD., TELENGANA		
83	45978396	CHANGEOVER SWITCH FOR STARTER BATTERY 250A, 415V, 4 POLE TO IS: 13947 (PART-3)		1. K.L.D. TRADING Co,* CHENNAI (STANDARD MAKE) 2. MACHINERY AGENCIES,* CHENNAI (HAVELLS MAKE) 3. WELCUT DEVICES PVT. LTD,* DELHI (STANDARD MAKE)	* SUBJECT TO PRODUCTION OF AUTHORIZATION OF OEM AGAINST EACH TENDER	

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
84	30756303	MODIFIED IV POWER COUPLER TO RCF/EL/AC/57	1. S. INTERNATIONALS, MUMBAI 2. MAA LAXMI INDUSTRY, HOWRAH	1. PUNRASAR ENGINEERS & TRADERS, KOLKATA 2. CHANDA & CHANDA ENGINEERING, HOWRAH		
85		50 KVA TRANSFORMER FOR AC COACHES RDSO SPEC. EL/EOG/6/93(REV A)-97		1. BHASIN PACKARD, MOHALI 2. VIMAL TRANSFORMER, SITARGANJ		
86	33719846	15 KVA TRANSFORMER FOR NON-AC COACHES RDSO SPECIFICATION NO. RDSO/PE/SPEC/TL/ 0158-2010 (REV1)	1.VIMAL TRANSFORMER CORPORATION, MORADABAD#	1.RAMYAA ELECTRO GEAR,CHENNAI	#REVALIDATION IS PENDING FOR REV.1	
87		1050 KVA EMU TRANSFORMER FOR 25 KV AC EMU RDSO/PE/SPEC/EMU/0137 (REV. '0') - 2009	1. BHEL 2. CG POWER AND INDUSTRIAL SOLUTIONS LTD, MANDIDEEP			

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
88	30726153	BULK INVERTER 2.5 KVA, 110V DC/230V AC TO RDSO/SPEC/PE/TL/0132-2009 (REV.0)	1. ELECTROWAVES ELECTRONICS P. LTD., PARWANOO 2. SIGNOTRON (INDIA) PVT. LTD., KOLKATA 3. INTEG ELECTRONICS*, NEW DELHI	1. BHASIN PACKARD ELEC (P) LTD*, MOHALI 2.MEDHA SERVO DRIVES P. LTD*, HYDERABAD	* REVALIDATION AS PER RDSO SPEC. YET TO BE DONE	
89	43300066	5 KVA, INVERTER 110V DC/230V AC TO RCF SPEC NO: EDIS-032 REV.A WITH ANNEXURE TO NOTE NO. MD/DSS/SPEC/211 DT 25.05.04		1.MEDHA SERVO DRIVES P. LTD, HYDERABAD 2. DUBAS ENGINEERING PVT LTD., BANGALORE		
90		10 KVA INVERTER TO ICF/ELEC/909 REV.A	1. HIREL ELECTRONICS (P) LTD., AHMEDABAD 2. SIGNOTRON (I) PVT. LTD., KOLKATA			

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
91	31790331	25 KVA UNDER SLUNG INVERTER RDSO/PE/SPEC/AC/0024- 2001 (REV-0) WITH AMENDMENT NO. 2.	<ol style="list-style-type: none"> 1. M/S AUTOMETERS ALLIANCE LTD., NOIDA (1200) 2. M/S SIEMENS LTD., MUMBAI(900) 3. M/S MEDHA SERVO DRIVE PVT. LTD., HYDERABAD(600) 4. M/S ELECTROWAVES ELECTRONICS PVT. LTD., PARWANOO (1800) 5. M/S HIND RECTIFIERS LTD., MUMBAI & DEHRADUN UNIT (1000) 6. M/S HITACHI HIRELPOWER ELECTRONICS PVT. LTD., GANDHI NAGAR & SANAND 1000 	<ol style="list-style-type: none"> 1. M/S BOMBARDIER TRANSPORTATION PVT. LTD., VADODARA @@ (540) 2. M/S SIGNOTRON (INDIA) PVT. LTD., KOLKATA 3. M/S CROMPTON GREAVES LTD., PITHAMPUR 	@@ Only for AMC	
92		STARTER BATTERY CHARGER - ICF/ELEC/ 848 REV - 1, CS 2	1.RAMYAA ELECTROGEAR P. LTD., CHENNAI			
93	33580534	EMERGENCY BATTERY CHARGER TO SPEC. No. EDTS 163	<ol style="list-style-type: none"> 1. ELECTRO WAVES ELECTRONICS (P)LTD., PARWANOO 2. BHASIN PACKARD, MOHALI 3.M.B & COMPANY,HOWRAH 	1. NAREN ELECTRONICS COMPANY, BANGALORE		

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
94	45178161	BATTERY FOR EMUS 90 AH (LM) (PPCP CONTAINER) RDSO/PE/EMU/SP EC/0 014-2000 (REV. '0') WITH AMENDMENT NO. 1&2	<ol style="list-style-type: none"> 1. MYSORE THERMO (MI10 90 LM)* (33072) 2. BHARAT 5TP90LM(57000) 3. UNITED LEAD OXIDE (5UT90P) (50000) 4. CELTEK (C10VT 90MP-LM)* (57000) 5. STAR BATTERY (90TPPLM) (121992) 6. M/S EXIDE (5 EMU 90 TP-LM) (9000) 	<ol style="list-style-type: none"> 1.SOUTHERN (5SB90R) (1.2 LAKH) 2. LABCO(42000) 	*Sister/ Allied concern (Ref: RB letter no. 2005/Elect (TRS)/441/10 Pt. dt. 02.05.2006	
95		BATTERY FOR TL 210 AH (MG COACHES) IS:6848-1979 WITH AMNDT. NO. 1, 2 & 3 AND ANNEXURE H WITH CORRECTION SLIP OF RDSO.	<ol style="list-style-type: none"> 1. EXIDE (VFA 210) (12000) 2. BHARAT BATTERY (TYPE 210 PLM IN PPCP CONTAINER) (37500) 3. SOUTHERN (SB210R) (72864) 4. MYSORE THERMO (T 210 MH)* (71136) 5. UNITED LEAD (TL210) (172000) 6. F. CELTEK (T-210H)* (9690) 7. LABCO (T 210 HTL) (45000) 		*Sister/ Allied concern (Ref: RB letter no. 2005/Elect (TRS)/441/10 Pt. dt. 02.05.2006.	
96	45170393	BATTERY FOR AIRCONDITIONING-525 AH RDSO/PE/SPEC/AC /00 58-2005 (REV. '0')	<ol style="list-style-type: none"> 1. BHARAT BATTERY (2P525 LM) (375000) 2. EXIDE (LMX 525P) (6000) 3. MYSORE THERMO (MI 525)* 4. CELTEK (T525H)* 	<ol style="list-style-type: none"> 1. SOUTHERN (SB525R). (6000) 2. UNITED LEAD OXIDE (T525P) 3. LEAD ACID BATTERY (TYPE - T525PTL). 4. LABCO (5T90PEL) 	*SISTER/ ALLIED CONCERN (REF: RB LETTER NO. 2005/ ELECT (TRS)/441/10 PT. DT. 02.05.2006	

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
97		BATTERY FOR AIRCONDITIONING-800 AH RDSO/PE/SPEC/AC / 0058 - 2005 (REV. '0')	<ol style="list-style-type: none"> 1. MYSORE THERMO (MI 8) * (28080) 2. BHARAT (2P 800 LM) 3. SOUTHERN (37500) BATTERIES (SB800R) 4. EXIDE (LMX800P)(12000) 5. STAR BATTERY (2T800HR) (121992) 6. LABCO (T800HAC) 	<ol style="list-style-type: none"> 1. UNITED LEAD OXIDE (T800P) (34800) 2. CELTEK (2GT800PP)* (16300) 	*SISTER/ ALLIED CONCERN (REF: RB LETTER NO. 2005/ELECT (TRS)/441/10 PT. DT.02.05.2006.	
98		BATTERY FOR AIRCONDITIONING-450 AH (MG AC COACHES) RDSO/PE/SPEC/AC /00 58-2005 (REV. '0')	<ol style="list-style-type: none"> 1. BHARAT (4AC450 PLM) (1200) 	<ol style="list-style-type: none"> 1. MYSORE THERMO (MI8450TL) 		
99	30710935	12 KW 110/130VDC BRUSHLESS ALTERNATOR WITH RECTIFIER CUM REGULATOR AND BELT TENSIONING DEVICE TO EL/TL-41/A BELT TENSIONING DEVICE, SUSPENSION PIN FOR TL & AC COACHES AND AXLE/ ALTERNATOR PULLEYS TO ELPS/SPEC/TL/13, MARCH 1998 FOR 12 KW ALTERNATOR	<ol style="list-style-type: none"> 1. KEL, KUNDRA 2. PRESSTECH 			
100		TRACTION MOTOR 4601AZ/BX/BW	BHEL, BHOPAL			
101		TRACTION MOTOR 133 AY / 3601 AZ	BHEL, BHOPAL			
102		HIGH HORSE POWER TRACTION MOTOR (207 KW) FOR 25 KV AC BG EMUS & MEMUS RDSO/PE/SPEC/D/EMU/00472003		<ol style="list-style-type: none"> 1. BHEL BHOPAL (4303-BY) 2. CGL (C 1005) 		
103		TRACTION MOTOR TDK 5620A/ 3701 AZ (BHEL) E-19/02	<ol style="list-style-type: none"> 1. TDK / Japan 2. BHEL / Bhopal 			

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
104		<p>CARBON BRUSH TYPE I : TM HS-1050ER & TM HS 15250A ELRS/SPEC/CB/ 0027 REV „0“ OF SEPT.-2003 TYPE II: EARTH RETURN BRUSH FOR HS1050ER & HS15250A TM. TYPE III: CARBON BRUSH MCPA TYPE CRC-150</p>	<p>1.ASSAM CARBON PRODUCTION LTD. - TYPE I: USING EG-105(S) IMPORTED / INDIGENOUS GRADE OF ACPL(8,09,000) TYPE II: USING BM-51 IMPORTED/ INDIGENOUS GRADE OF ACPL (8,09,000) TYPE III: USING EG-14D(I) IMPORTED/ INDIGENOUS GRADE OF ACPL 2. *MERSEN INDIA PVT. LTD. TYPE I: USING EG- 9049 IMPORTED GRADE OF MERSEN//FRANCE. (8 LAKHS) AND EG-8220 INDIGENOUS GRADE OF MERSEN INDIA (250000) TYPE-II: USING BE-14ZI INDIGENOUS GRADE OF MERSEN INDIA(8 LAKHS)</p>		<p>1. IN TENDERING PROCESS, ONLY ONE OFFER SHALL BE SUBMITTED BY THE VENDOR QUOTING EITHER INDIGENOUS APPROVED GRADE OR IMPORTED APPROVED GRADE 2. THE LIST CONTAINS APPROVED SOURCES OF CARBON BRUSHES FOR USE ON ELECTRIC LOCOMOTIVES. FOR LIST OF GRADES OF CARBON BLOCKS FOR VARIOUS TRACTION APPLICATION, REFER TO RDSO'S LETTER NO. EL/2.2.70 DATED: 27.06.2016 3. * THESE SOURCES SHOULD OBTAIN CARBON BRUSH BLOCKS FOR MANUFACTURE OF BRUSHES FROM APPROVED MANUFACTURERS AFTER INSPECTION BY RITES</p>	

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
105		BEARINGS (TRACTION MOTOR ARMATURE) TYPE 1 : TM TYPE 4601 AZ/BX/BW NU 326 NUP 318 TYPE 2: TM TYPE 133AY / 3601 AZ NU 322 NH 315 TYPE 3: TM TYPE 5620A / BHEL 3701 AZ NU 324 NH 318 TYPE 4: HIGH HORSE POWER TRACTION MOTOR (207 KW) FOR 25 KV AC BG EMUS & MEMUS NU 328, NH 320	1. SCHAEFFLER TECHNOLOGIES AG & CO. KG/GERMANY (BRAND NAME - FAG) * 2. SKF, GERMANY, AUSTRIA * 3. NTN, JAPAN * 4. SCHAEFFLER INDIA LTD., VADODARA ** 5. KOYO / JAPAN ***		IN TENDERING PROCESS AT A TIME OFFER SHALL BE MADE EITHER FROM SCHAEFFLER TECHNOLOGIES AG & CO. KG/GERMANY OR SCHAEFFLER INDIA LTD. MANEJA, VADODARA. *- PROTOTYPE AND TRIALS TO BE DONE FOR TYPE 4 **- PROTOTYPE AND TRIALS TO BE DONE FOR TYPE 2&4 ***- PROTOTYPE AND TRIALS TO BE DONE FOR TYPES 1,2,3.	
106		PLAIN SLEEVE BEARING OF TM 4601AZ/ BX/BW FOR BG AC EMU/MEMU DRG.NO.RDSO/PE/SK/EMU/0052-2003 STR NO. RDSO/PE/STR/EMU/0006 - 2003(REV. '01')	1. BHEL, BHOPAL 2. CHANDRA UDYOG, HOWRAH.* 3. KRISHNA ENGG., HYDERABAD 4. SRIGURUMELTERS& ENGINEERS, KOLKATA 5. CHANDRA BROTHERS, HOWRAH* 6. RAMA ENGINEERING WORKS, HYDERABAD 7. JANARDAN ENGINEERING INDUSTRIES, MUMBAI 8. JAI BHARAT INDUSTRIES, FARIDABAD	1. MARUTHIENGG. PVT. LTD., VIJAYAWADA 2. V.K. ENGINEERING INDUSTRIES, MUMBAI	*SISTER/ ALLIED CONCERN (REF: RB LETTER NO. 2005/ELECT (TRS)/441/10 PT. DT. 02.05.2006	

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
107		ARMATURE BEARING GREASE FOR TRACTION MOTOR TYPE 4601 AZ/BX/BW OF BHEL	1.M/S ANDOK BR, (ESSO) 2.M/S SERVOGEM, RR3 (IOC) 3.M/S LITHON - 3, (HPC)			
108		ARMATURE BEARING GREASE FOR TRACTION MOTOR TYPE TDK5620A /BHEL3701AZ AND 133AY/3601 AZ	1.M/S ANDOK BR, (ESSO) 2.M/S SERVOGEM, RR3 (IOC) 3.M/S LITHON - 3, (HPC)			
109		AXLE SUSPENSION BEARING OIL FOR TRACTION MOTOR TYPE TDK 5620 A /BHEL 3701 AZ	1.M/S TALPA - 40 (SHELL) 2.M/S SERVO SYSTEM 57 & 317			
110		GEAR CASE OIL FOR TRACTION MOTOR TYPE 133 AY / 3601 AZ	1.M/S CARDIUM COMPOUND-H (SHELL) 2.M/S CAMEX COMPOUND - H			
111		GEAR CASE OIL FOR TRACTION MOTOR TYPE TDK 5620 / BHEL 3701 AZ	1. M/S CRATER - 2 (CALTEX) 2.M/S GEARTAK - 2 (HPC) 3.M/S CARDIUM COMPOUND F (SHELL) 4.M/S CAMEX COMPOUND - F (BPC)			

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
112		GEAR CASE OIL FOR TRACTION MOTOR TYPE 4601 AZ/BX/BW	1.M/S CRATER - 2 (CALTEX) 2.M/S GEARTAK - 2 (HPC) 3. M/S CARDIUM COMPOUND - F (SHELL) 4.M/S CAMEX COMPOUND -F (BPC)			
113		RUBBER COMPONETS FOR WSF MAKE BRAKE EQUIPMENTS STR NO. RDSO/PE/STR/EMU/0021- 2008 (REV '1') *SISTER/ ALLIED CONCERN (REF: RB LETTER NO. 2005/ELECT	1. WSF/ KOLKATA (AS PER THE OEMS PART NO. / DRAWING) 2. SUJAN INDUSTRIES/MUMBAI*(A S PER WESTERN RAILWAY DRAWING) 3. VEEKAY RUBBER PRODUCTS/MUMBAI* (AS PER WESTERN RAILWAY DRAWING)	1.MANISH RUBBER INDUSTRIES/MUMBAI (AS PER WESTERN RAILWAY DRAWING)	*SISTER/ ALLIED CONCERN (REF: RB LETTER NO. 2005/ELECT (TRS)/441/10 PT. DT. 02.05.2006.	
114		RUBBER COMPONETS FOR ESCORTS MAKE BRAKE EQUIPMENTS	1. ESCORTS LTD./ FARIDABAD		(AS PER THE OEMs PART NO./DRAWING)	

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
115		PERIODIC REPAIR AND REHABILITATION OF MAGNET FRAME (BOTH CASTED AND FABRICATED) AND ASSEMBLY COMPONENTS FOR AC/DC MEMU / EMU TRACTION MOTORS		1. BHARAT HEAVY ELECTRICALS LTD./ BHOPAL 2. SIMPLEX ENGG. & FOUNDRY WORKS PVT. L:TD, BHILAI 3. KALYANI ENGG. WORKS, GHAZIABAD 4. KAY PEE EQUIPMENTS PVT. LTD, HOWRAH 5. KHARAGPUR METAL & REFORMING IND. PVT. LTD., HOWRAH	VIDE RLY. BOARD'S LETTER NO. 2005/ELECT. (G)/181/1 DT.01.10.2007 AND SUBSEQUENT RDSO'S LETTER NO.EL/4.3.47 (BHEL) DT. 04. 03.2008 FOLLWING SOURCES HAVE BEEN APPROVED PROVISIONALLY. NOTE. NAME OF THE SOURCES WILL BE INCLUDED IN LIST OF APPROVED VENDORS AFTER PROTOTYPE CLEARANCE OF 4 UNITS OF EACH ITEM	

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
116		<p>PERIODIC REPAIR AND REHABILITATION OF MSU/NSU TUBE AND COMPONENTS FOR AC/DC MEMU/EMU TRACTION MOTORS VIDE RLY. BOARD'S LETTER NO. 2005/ELECT. (G)/181/1 DT.01.10.2007</p>		<p>1. BHARAT HEAVY ELECTRICALS LTD./ BHOPAL 2. . SIMPLEX ENGG. & FOUNDRY WORKS PVT. L:TD, BHILAI 3. . KALYANI ENGG. WORKS, GHAZIABAD(4. . KAY PEE EQUIPMENTS PVT. LTD, HOWRAH 5. KHARAGPUR METAL & REFORMING IND. PVT. LTD., HOWRAH</p>	<p>VIDE RLY. BOARD'S LETTER NO. 2005/ELECT. (G)/181/1 DT.01.10.2007 AND SUBSEQUENT RDSO'S LETTER NO.EL/4.3.47 (BHEL) DT. 04.03.2008 FOLLWING SOURCES HAVE BEEN APPROVED PROVISIONALLY NOTE. NAME OF THE SOURCES WILL BE INCLUDED IN LIST OF APPROVED VENDORS AFTER PROTOTYPE CLEARANCE OF 4 UNITS OF EACH ITEM.</p>	

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS		REMARKS
117		TRACTION MOTOR COMPLETE REPAIR/OVERHAULING FOR EMUS/MEMUS	<p>A) 253 BX/4601 AZ - 1. BHARAT HEAVY ELECTRICALS LTD./ BHOPAL 2. CG POWER AND INDUSTRIAL SOLUTIONS LTD, MANDIDEEP 3. KIRLOSKER ELECTRIC CO., BANGALORE 4. ROTOMAC ELECTRICALS PVT.LTD, KOLKATA</p> <p>B) 133 AY/ 3601 AZ - 1. BHARAT HEAVY ELECTRICALS LTD./ BHOPAL 2. FUJI/JAPAN 3. CG POWER AND INDUSTRIAL SOLUTIONS LTD, MANDIDEEP 4. KIRLOSKER ELECTRIC CO., BANGALORE 5. ROTOMAC ELECTRICALS PVT.LTD, KOLKATA</p> <p>C) GGR 125 ZY/4303AZ (BHEL) / C 1005 (CGL) - 1. BHARAT HEAVY ELECTRICALS LTD./ BHOPAL 2. FUJI/JAPAN 3. CG POWER AND INDUSTRIAL SOLUTIONS LTD, MANDIDEEP</p>			REFER RLY. BD'S LETTER NO.2002/ELEC(G)/181/1 DATED 01.10.2007 & RLY. BD'S LETTER NO. 2002/ELEC(G)/181/P T DATED 12.08.2009

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
			<p>4. KIRLOSKER ELECTRIC CO., BANGALORE</p> <p>5. ROTOMAC ELECTRICALS PVT.LTD, KOLKATA</p> <p>D) TDK 5620/ 3701 - AZ (BHEL)</p> <p>1.TDK/JAPAN</p> <p>2. BHARAT HEAVY ELECTRICALS LTD./ BHOPAL</p> <p>3. CG POWER AND INDUSTRIAL SOLUTIONS LTD, MANDIDEEP</p> <p>4. KIRLOSKER ELECTRIC CO., BANGALORE</p> <p>5. ROTOMAC ELECTRICALS PVT.LTD, KOLKATA</p> <p>6. SAINI ELECTRICALS ENGG. WORKS, NAVI MUMBAI</p> <p>E) ALSTOM TM 4ERA-1858- FOR 3 PHASE EMU</p> <p>1. ALSTOM</p> <p>2. BHARAT HEAVY ELECTRICALS LTD./ BHOPAL</p> <p>3. SAINI ELECTRICALS ENGG. WORKS, NAVI MUMBAI</p> <p>4. CG POWER AND INDUSTRIAL SOLUTIONS LTD, MANDIDEEP</p> <p>5. KIRLOSKER ELECTRIC</p>			

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
			CO., BANGALORE 6. ABB LTD., MUMBAI F) BHEL TM DMKT 53/42 FOR 3 PHASE EMU - 1. BHARAT HEAVY ELECTRICALS LTD./ BHOPAL 2. SAINI ELECTRICALS ENGG. WORKS, NAVI MUMBAI 3. CG POWER AND INDUSTRIAL SOLUTIONS LTD, MANDIDEEP 4. KIRLOSKER ELECTRIC CO., BANGALORE 5. ABB LTD., MUMBAI G) SIEMENS TYPE 1TB2022-0TA03 - 1. SIEMENS 2. BHARAT HEAVY ELECTRICALS LTD./ BHOPAL 3. SAINI ELECTRICALS ENGG. WORKS NAVI MUMBAI 4. CG POWER AND INDUSTRIAL SOLUTIONS LTD, MANDIDEEP 5. KIRLOSKER ELECTRIC CO, BANGALORE 6. ABB LTD., MUMBAI			

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS		REMARKS
118		TRACTION MOTOR COMPLETE REPAIR/OVERHAULING FOR KOLKATA METRO RAILWAY BOARD'S LETTER NO. 2002/ELECT.(G)/181/1 PT. DATED: 20.10.2010	<p>(A)NGEF TYPE US6456R4</p> <ol style="list-style-type: none"> 1. BHARAT HEAVY ELECTRICALS LTD./ BHOPAL 2. CG POWER AND INDUSTRIAL SOLUTIONS LTD, MANDIDEEP 3. KIRLOSKER ELECTRIC CO., BANGALORE 4. ROTOMAC ELECTRICALS PVT.LTD, KOLKATA <p>(B)BHEL TYPE TM3603 AZ</p> <ol style="list-style-type: none"> 1. BHARAT HEAVY ELECTRICALS LTD./ BHOPAL 2. CG POWER AND INDUSTRIAL SOLUTIONS LTD, MANDIDEEP 3. KIRLOSKER ELECTRIC CO., BANGALORE 4. ROTOMAC ELECTRICALS PVT.LTD, KOLKATA <p>(C)BHEL TYPE 3701 BY&BX:-</p> <ol style="list-style-type: none"> 1. TDK, JAPAN 2. BHARAT HEAVY ELECTRICALS LTD./ BHOPAL 3. CG POWER AND INDUSTRIAL SOLUTIONS LTD, MANDIDEEP 			RAILWAY BOARD'S LETTER NO. 2002/ELECT.(G)/181 /1 PT. DATED: 20.10.2010

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
			4. KIRLOSKER ELECTRIC CO., BANGALORE 5. ROTOMAC ELECTRICALS PVT.LTD, KOLKATA			
119		MECHANICAL REPAIR/ REHABILITATION OF MAGNET FRAMES OF AC/DC EMU/MEMU TRACTION MOTORS RDSO/2007/EL/STR/0026 REV '1'	1. BHARAT HEAVY ELECTRICALS LTD./ BHOPAL 2. SIMPLEX ENGG.& FOUNDRY WORKS PVT. LTD, BHILAI 3. KALYANI ENGG WORKS, GHAZIABAD 4. KHARAGPUR METALS REFORMING INDUSTRIES PVT. LTD., HOWRAH 5. KAY PEE EQUIPMENTS PVT. LTD., HOWRAH		REFER RLY. BD'S LETTER NO.2005/ELEC(G)/18 1/1 DATED 01.10.2007 CIRCULATED VIDE RDSO'S LETTER NO.EL 4.3.47(BHEL) DATED 04.03.2008	
120		PERIODIC REPAIR AND REHABILITATION OF 1050 KVA TRANSFORMER FOR EMU/MEMUS RDSO/PE/SPEC/EMU/0137, REV'0'	1. BHEL, JHANSI 2. CGL, MANDIDEEP, BHOPAL 3. HIND RECTIFIER, MUMBAI 4. STESALIT, BADDI 5. HIGH VOLT, MUMBAI 6. EMCO, MUMBAI 7. TRIBHUWAN, FAIZABAD			

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
121		25 KVA DA SET- ICF/ELE/905 (Rev 0)	1. KERALA ELECTRICAL & ALLIED ENGG., KASARGODE	1. KIRLOSKAR ELECTRIC COMPANY LTD., BANGALORE		
122	45978256	7.5KVA DA SET 415V, 3PHASE, 50HZ TO ICF/ELEC/OHE/0041, CS 02	1. KERALA ELECTRICAL & ALLIED ENGG., KASARGODE	1. KIRLOSKAR ELECTRIC COMPANY LTD., BANGALORE		
123	31711182	10 KVA DA SET TO SPEC No. ICF/ELEC/OHE/007, Rev.0, CS-01	1.AMPL CORPORATION PVT. LTD., JAIPUR (ESCORTS ENGINE AND KEC/STAMFORD ALTERNATOR) 2.DEEV GEN-SET SALES & SERVICES, VAPI (GREAVES ENGINE & CROMPTON GREAVES ALTERNATOR)			
124	33719561	75 KVA DA SET TO SPEC No. ICF/ELEC/947, Rev.0, CS-01		1.DEEV GEN-SET SALES & SERVICES, VAPI (GREAVES ENGINE & CROMPTON GREAVES ALTERNATOR) 2.POWERICA LIMITED, CHENNAI (CUMMINS ENGINE AND KEC ALTERNATOR)		
125	31790331	MAIN SILICON RECTIFIER - ICF/SK 7-1-068, Alt. j TO SPEC NO: ICF/ELEC/021, REV 'A', CS-2	1. HIND RECTIFIERS LTD, MUMBAI 2.RUTTONSHA INTERNATIONAL, BARODA			
126	45978803	MODIFIED IV POWER COUPLER FOR EOG COACHES TO ICF/ELEC/889	1. S.INTERNATIONALS, MUMBAI	1. MAA LAXMI INDUSTRY, KOLKATA		

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
127	30756080	PRE-COOLING PLUG & SOCKET TO ICF/SK-7-1-102, COL-VII, Alt. I`	1. KRISHNA METALLURGICAL WORKS, CHENNAI 2. R.K. ELECTRICS AND ENGG. INDUSTRIES, KOLKATA 3. SAKTHI ELECTRICALS, CHENNAI	1. URBAN TEKNO-SYSTEMS PVT. LTD., KOLKATA 2. MAA LAXMI INDUSTRY, KOLKATA 3. S.INTERNATIONALS, MUMBAI		
128	31827130	MOTOR COMPRESSOR UNIT GENERALLY CONFORMING TO RDSO SPEC NO: -70-B-M-41 WITH 3 PHASE DRIVE MOTOR TO RDSO SPEC. NO. ELRS/SPEC/AUX/023, OCT 2002.	1. ELGI EQUIPMENTS LTD., COIMBATORE			
129	31716118	MAIN COMPRESSOR 110V DC MOTOR ACEMU - RDSO Spec 70-BM-41	1. ELGI EQUIPMENTS LTD., COIMBATORE 2.KIRLOSKAR PNEUMATIC Co. LTD., PUNE			
130	31925236	OIL PUMP WITH MOTOR - ICF/ELEC/018 (REV A)	1. FLOWTECH PUMPS & MOTORS,BANGALORE 2. FLOWWELL ENGINEERING, BANGALORE	1. SAMALHARAND OF INDIA PRIVATE LTD., KOLKATA .		
131	30906301	S, I & C PACK ELECTRIC TRCN. DMU / HHP - ICF/ MD/ Spec/097D (Rev 1)CS - 1	1. CG POWER AND INDUSTRIAL SOLUTIONS LTD, MANDIDEEP 2.BHARAT HEAVY ELEC LTD			

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
132	31926009	TRANSFORMER OIL COOLER (37 KW) to ICF/ELEC/014 (REV A), APPLICABLE FOR 1000 KVA/1250 KVA MAIN TRANSFORMER TRANSFORMER OIL COOLER (75 KW) to ICF/ELEC/014 (REV A), ANNEXURE-B APPLICABLE FOR 1550 KVA RETROFITMENT TRANSFORMER	1. NIPPON KUHLLERS, COIMBATORE 2. ASIAN COOLING SYSTEMS, COIMBATORE 3. UNITED COOLING SYSTEMS, COIMBATORE 4. ALLIED RADIATORS CORPORATION, KOLKATTA#		# PROTOTYPE TO BE DONE FOR 75KW.	
133	30716081 30716093 30716070 30710170 30710182	FRP TRAY FOR BATTERY BOXES TO DRG NO. ICF/SK-7-1-320, ITEM-1, Alt. s & WGSCWAC-7-1-030 EMU/DPC5 7-1-507 item 142, Alt 'nil'	1. PLASTIC & FIBRES INDS., CHENNAI 2. USHA FRP FAB, CHENNAI	1. SRI BHAGYA FIBRE GLASS PRODUCTS, CHENNAI 2. ORIENTAL INSULATORS, FARIDABAD 3. CSM ENGINEERS, FARIDABAD		
134	31726458 31710773	PRESSURE TRANSDUCER POWER SUPPLY-20ma, 10 TO 30V, SIGNAL OUTPUT- 4 TO 20 ma, PRESSURE RANGE- 0 TO 160 psi	1. INNOVATIVE CONNECTIVITY AND SENSING SOLUTIONS PVT. LTD.,* BANGALORE 2. TOP GRIP INSTRUMENTS COMPANY, KOLKATTA		*PROTO TYPE TESTING TO BE DONE	

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
135	40072370 30710947 40072496 40077676 40077688 40077767 40077809 40077810 40077822 40077937 40078000 40078012 40078036 40078048 40078050 40078073 40970012 40970188 40970310 40982932	PVC INSULATED ALUMINIUM & COPPER CABLES OF SIZES 1.5 SQ MM TO 150 SQ MM TO SPEC No. RDSO/PE/SPEC/TL/0027-2002 (REV-0), AMENDMENT-1.	1. CAB COND (INDIA), DELHI 2. AJANTA ELECTRIC INDS., DELHI 3. INSUCON CABLES & CONDUCTORS (P) LTD., JAIPUR 4. MUKAND UDYOG, DELHI 5. P.S. ENTERPRISES, NOIDA 6. GOYOLENE FIBRES (INDIA) PVT LTD., MUMBAI 7. CHANDA CABLES, DELHI 8. SIGHT SOUND ELECTRONICS INDIA PVT. LTD., DELHI	1. BALAJI CABLE INDUSTRIES, DELHI 2. FURCON ENGINEERS CORPORATION JAIPUR		
136		TERMINAL CONNECTORS TO IEC 60947	1. WAGO 2. PHOENIX 3. WEIDMULLER			
137	31902212	BATTERY CHARGING MOUNTING FRAME TO DETC/US-7-2-015	1. GLOBAL ENGINEERING AND PROCESS, CHENNAI 2. SHARUNI ENGINEERING WORKS, CHENNAI			

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
138	43232048	HOT WATER BOILER 30 LTRS. CAPACITY TO WORK ON 230V, SINGLE PHASE AC SUPPLY WITH AUTOMATIC WATER LEVEL CONTROL AND GENERAL CONFORMING TO IS 3412-85 & DRG.NO. ICF/SK-7-3-240.		1.ARV ENGINEERING INDUSTRY (P)LTD, CHENNAI 2.SHRILL REFRIGERATION & AIR CONDITIONING, NEWDELHI 3.UNIVERSAL ENGINEERS, CHENNAI 4.VISHAL GAS SERVICES, HYDERABAD		
139	43232036	TOASTER ELECTRICAL TO WORK ON 230V, 50HZ SINGLE PHASE AC, CAPACITY 24 SLICES GENERALLY CONFORMING TO IS:1287-86 AND DRG.NO.ICF/SK-7-3-236. SIMILAR TO TYPE OTG 1600T OF BAJAJ ELECTRICAL MAKE.		1.BAJAJ ELECTRICALS 2.ARV ENGINEERING INDUSTRY (P)LTD, CHENNAI 3.SHRILL REFRIGERATION & AIR CONDITIONING, NEW DELHI 4.UNIVERSAL ENGINEERS, CHENNAI 5.VISHAL GAS SERVICES, HYDERABAD		
140	78906568	COOKING RANGE WITH 3 HOT PLATES WITH SEPARATE HEAT CONTROL AND A STAINLESS STEEL TOP AND GRILL SECTION TO WORK ON 230 SINGLE PHASE 50HZ SUPPLY WITH 2 HOT PLATES OF 2 KW RATING AND 1 HOT PLATE WITH 3 KW RATING. HOT PLATE ELEMENTS SHALL BE OF CLOSE TYPE GNERALLY LIMITING DIMENSION MAY BE AS DRG.NO.ICF/SK-7-3-235 GENERALLY CONFORMING TO IS 5790-70.		1..ARV ENGINEERING INDUSTRY (P)LTD, CHENNAI 2.UNIVERSAL ENGINEERS, CHENNAI 3.VISHAL GAS SERVICES, HYDERABAD		

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
141	43225573	DEEP FREEZER 230LTRS, 230V, 2.5KW, 50HZ AC SINGLE PHASE to Drg. No. ICF/SK-7-3-239 AND GENERALLY CONFORMING to IS: 7872-75. THE DEEP FREEZER TOP LID AND OUTER SHEET SHALL BE OF STAINLESS STEEL OF SUITABLE THICKNESS. COMPRESSOR SHALL BE OF EITHER KIRLOSKAR OR SHRIRAM. THE DEEP FREEZER SHALL BE PROVIDED WITH FOUR SWIVEL CASTOR WHEEL to DESIGNATION 80X45X12 to IS: 7369-83		1.KRISHNA AGRO INDUSTRIES, CHENNAI 2. REFRIGERATION CENTRE, CHENNAI 3.REFRIGERATORS & HOME APPLIANCES (P)LTD., CHENNAI 4.SHRILL REFRIGERATION & AIR CONDITIONING, NEW DELHI		
142	43225585	BOTTLE COOLER 90 LTRS.CAPACITY TO WORK ON 250V, 50HZ SUPPLY HAVING DIMENSION CONFORMING TO IS: 2167-83 & DRG. No. ICF/SK 7-3-238. THE INNER CABINET, TOP LID AND OUTER SHEET OF THE BOTTLE COOLER SHALL BE OF STAINLESS STEEL COMPRESSOR SHALL BE OF EITHER KIRLOSKAR OR SHRIRAM, FOUR SWIVEL CASTOR WHEELS TO DESIGNATION 80X45X12 TO IS: 7369-83.		1.KRISHNA AGRO INDUSTRIES, CHENNAI 2.SHRILL REFRIGERATION & AIR CONDITIONING, NEW DELHI 3.REFRIGERATORS & HOME APPLIANCES (P)LTD., CHENNAI 4. REFRIGERATION CENTRE, CHENNAI,		
143	45976983	HOT CASE TO DRG.NO.ICF/SK -7-3-147.		1.REFRIGERATORS & HOME APPLIANCES (P)LTD., CHENNAI 2.ARV ENGINEERING INDUSTRY (P)LTD., CHENNAI 3.SHRILL REFRIGERATION & AIR CONDITIONING, NEW DELHI 4.REFRIGERATION CENTRE, CHENNAI		

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SL.No	UL.NO	ITEM DESCRIPTION	APPROVED VENDORS	DEVELOPMENT VENDORS	REMARKS	
144	30746000	SET OF CHIMNEY TO DRG.NO.ICF/SK -7-4-074/ COL.- I & III AND COL.- II & III CONFORMING TO SPEC.NO.ICF/ELEC/898		1. SOUTHERN MAGNETICS PVT. LTD., CHENNAI		
145	43225676	MODULAR PANTRY CONSISTING OF BOTTLE COOLER, HOT CASE, HOT WATER BOILER AND DEEP FREEZER. ETC TO SPEC.ICF/ELEC./910 & ICF/MD/SPEC. 120 FOR JAN SHATABDI COACHES	1.UNIVERSAL ENGINEERS, CHENNAI 2.VISHAL GAS SERVICES, TELENGANA	1.KONTACT CONSORTIUM INDIA PRIVATE LTD, CHENNAI		