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Government of India
Ministry of Railways
Research Designs & Standards Organisation
LUCKNOW – 226011

No. STS/E/Component

Date 30.6.2005

या का. निदेशक / गुणवत्ता आश्वासन अ0अ0मा0सं0, लखनऊ।	ED/QA/S&T, 4th floor, Annexe-II, RDSO, Lucknow
निदेशक (निरीक्षण) / गुणवत्ता आश्वासन / सिगनल एवं दूरसंचार, अ0अ0मा0सं0, निकट इरकोट, शंकर मार्केट के पीछे नई दिल्ली।	Director/QA/S&T/RDSO, Ist Floor, IRCOT Building, Shivaji Bridge, New Delhi-110001
निदेशक (निरीक्षण) / गुणवत्ता आश्वासन / संकेत एवं दूरसंचार, अ0अ0मा0सं0, प्रथम तल, न्यू एनेक्सी बिल्डिंग, चर्चगेट, पश्चिम रेलवे, मुम्बई।	Director/QA/S&T/RDSO,1st floor, New Annexe Building, Churchgate, W. Railway, Mumbai
निदेशक (निरीक्षण) / गुणवत्ता आश्वासन / सिगनल एवं दूरसंचार, अ0अ0मा0सं0, चौथी मंजिल, 17 नेताजी सुभाष रोड, वैस्ट विंग, फेयरली प्लेस, कोलकाता – 700 001	Director/QA/S&T/RDSO, 4th floor, 17 N.S. Road, West Wing, Fairlie Place, Kolkata - 700001
निदेशक (निरीक्षण) / गुणवत्ता आश्वासन / सिगनल एवं दूरसंचार अ0अ0मा0सं0, भूतल, डी0आर0एम0 ऑफिस बिल्डिंग, बंगलोर – 560 023।	Director/QA/ S&T/RDSO, Ground Floor, DRM's Office Building, Southern Rly., Bangalore

Sub: Use of components in the manufacturing of Power supply equipment, Electric Lifting Barrier & Train Actuated Warning Device.

In continuation to this office letter of even number dated 16.5.2005 by which recommended list of components for power supply equipment has been withdrawn, the sources of components **other than semiconductor devices** for use in power supply equipment is attached alongwith as Annexure-I.

Firms may please be advised to ensure use of only industrial grade semiconductor devices having operating temperature range -25°C to +85°C for manufacturing power supply equipment and other equipment as referred in the relevant specifications.

DA: Annexure-I (02 pages)

(Vipul Goel)
Jt. Director/Signal
for Director General/Signal

CC:

1	मै. कोसाइन कम्युनिकेशन्स तथा इलेक्ट्रानिक्स प्रा. लि., प्लाट नं. 150, सी एण्ड एफ, आईए, फेस–2 चेरापल्ली, हैदराबाद।	M/s Cosine Communications & Electronics (P) Ltd., Plot No. 150, C&F, IDA Phase-II, Cherlapally, Hyderabad – 500051.
2	मै. इलैक्ट्रिक इन्डसटिज,बी, 121, ओखला इन्डसटियल एरिया, फेज 1, नई दिल्ली।	M/s Electric Industries, B-121, Okhla Indl. Area, Phase-I, New Delhi – 110020.
3	मै. एक्सर्सर्विसमैन इलैक्ट्रिकल इन्डसटिज, बी–16,सिडको इन्डसटियल स्टेट, विलिवक्कम, चैन्ने–600049	M/s Ex-servicemen Electrical Industries, B-16, SIDCO Indl. Estate, Villivakkam, Chennai – 600049.
4	मै. जनरल आटो इलैक्ट्रिकल कार्पोरेशन, डी–207, अन्सा इन्डसटियल स्टेट, साकी विहार रोड, अन्धेरी इस्ट, मुम्बई–400072	M/s General Auto Electrical Corporation, D-207, Ansa Indl. Estate, Saki Vihar Road, Andheri (E), Mumbai – 400 072.

ANNEXURE I

SOURCES OF COMPONENTS OTHER THAN SEMICONDUCTOR DEVICES FOR POWER SUPPLY EQUIPMENT

(Annexure to letter no. STS/E/Component dated 30.6.2005)

S.N	Item	Specn	Manufacturer	Country	Indian Source
1.	Distribution Fuse & Fuse Bases	Glass(Slo w Blow) & HRC	1) S&S 2) GEC 3) DF	India India India	S&S GEC Alsthom APS, Gurgaon
2.	MCB/MCCB	Class C	1) Merlin Gerlin (Telemecanique) 2) Siemens 3) Schneider 4) ABB	India India 	Telemecanique ABB
3.	Terminal	Flame proof TB type	1) Phoenix, 2) Wago & Control	India	New Delhi, Noida
4.	Lightning protector	Class B&C type operating voltage 280V	1) DEHN 2) Erico 3) Phoenix 4) OBO/Cape Elec	Germany Australia India India	APS Gurgaon
5.	Contactor DC(LVD)	SPST DC operated	1) ABB 2) Albright/Phoenix 3) Andrew Yule 4) Telemecanique 5) Siemens	India UK India India	APS Gurgaon
6.	Contactor AC		1) Telemecanique 2) L&T 3) ABB 4) Siemens	India India India	APS Gurgaon L&T ABB, Delhi
7.	DC /AC Analogue & Digital Meter		1) A.E 2) PLA 3) Nippen 4) Indotech	India India India India	AE PLA Nippon Indotech
8.	Relays	-	1) PLA 2) OEN 3) Omran	India India Japan	PLA OEN, Bangalore APS, Gurgaon Omran ND
9.	LED		1) Agilent 2) Nischia 3) OSRAM	India India India	
10.	Neon Lamp		1) Vinaic 2) Vaishnav 3) Elcon 4) Gillard	India India India India	
11.	PCB Connector		1) Phoenix 2) Molex 3) Wago & control 4) Essen	India India India India	