

PRASAR BHARATI
BROADCASTING CORPORATION OF INDIA
DIRECTORATE GENERAL: ALL INDIA RADIO
NEW DELHI

F.No.8/3/2006-E I (Pt-III)

Dated: 3.9.2007

Subject: Approval for the procurement of spares for 300KW MW S-HP Thales make Transmitters.

The Director General All India Radio is pleased to approve the following spares given in the table below for 300 KW MW S-7 HP Thales make Transmitters at Kargil, Srinagar, Jodhpur, Nagpur, Indore, Cuttack and Imphal. The list has been revised by adding some of the specifications of the spare parts. These may please be procured on open tender basis

S. No.	Part Description	Quantity No.	Details
1	Module PA Component		
	b) MOSFET IRFP-460 LC , VDS=500V, ID=20A	1400	a. 14X19x5mm
	b) Fuse 20 Amp 660V,	350	b. 10X37.5 mm, axial type
	c) Fuse 2Amp 500V F2	175	c. 2X7mm, axial type
	d) Fuse 50 Amp 500 V AC	35	d. 14X51 mm axial type
	e) Fuse 25 Amp 400 V AC F4	35	e. 10.3X31.5 mm axial type
2	Fuse 0.125A, 500 V F-3 Ceramic	35	2X7mm axial type
3	Fuse 400A, 600V, Item 86	20	60X60X40mm (Rectangular)
4	MUR 320 Diode, CR 107.3A, 20V fast acting	100	6X6mm (Rectangular)
5	MUR 120 Diode, CR 101.1a, 20V fast acting	100	6X6mm, axial type
6	Diode		
	a) BYT 60P 1000, CR1.60A, 1000V plastic case	150	25X15mm (Rectangular)
	b) 1.5 KE 25 CR6, CR8 1.5KW, 250V	100	4X10mm axial type
	c) P6 KE 18CA, CR110.6KW, 18V	100	2X8mm axial type
	d) MUR 820, CR105.8A, 20V Fast acting	100	8X15mm (Rectangular)
	e) IN 4448	100	2X4mm axial type
7	Component Diode MVR 1100E	50	2X7mm
8	Item 90 Diode SD-1500 C12L	20	50X25mm
9	Item 94 Diode SKN 240/80	20	40X30mm
10	Transistor MMBT 2222A	100	
11	Transistor MMBT 2907 A	1000	
12	ICMC79M 12CDT, MA1(SMD type 12V regulator)	100	6X6mm (Rectangular)
13	Transistor ICMPQ 2222A, Q1-IC	30	14 Pin
14	Transistor D45 H11, Q207	100	20X10 mm (Rectangular)
15	Transistor Tip 31C, Q9, Q10, NPN	14	10X10mm (Rectangular)
16	Resistance CHIP PCR 201, 15Ω, 1W(SMD)	20	1X2mm (Rectangular)
17	CHIP Resistance, 15ohm/2W(IC type)	70	2X5mm
18	Relays K ₁ and K ₂ , D31, C7 110	100	8 Pin
19	Capacitor 0.22μF/ 100V, SMD, C218	500	4X3 mm
20	Capacitor 1μF/ 500 V, C2	100	50X15 mm ²
21	Capacitor AC T4-FHS 470μF/ 400V Electrolytic type	100	50X35 mm
22	Capacitor SMD CNC7, 0.1μF/ 500V	50	7X7X2MM
23	Cap Cylindrical TGPA, 1000 pf 10%, 20KV	20	270X110 mm
24	Cap Cylindrical TGPA, 800pf 10%, 20KV	20	270X110 mm
25	Cap Cylindrical TGPA, 330pf 10%, 20KV, SKD 31/04	20	27X110 mm
26	Capacitor 0.47 uf/100V	2000	
27	Chip Capacitor, 0.47mfd/ 60V	4	4X3 mm
28	Inductor 20mH 52500	2	95X85X50 mm
29	Inductor 0.3mH 50 HZ	2	300HX220LX110W mm
30	Inductor 2x80mH 1065A	2	500HX320WX10L

This is issued with the approval of CE(M)

(KAILASH CHAND)
DEPUTY DIRECTOR (ENGINEERING)

Kailash Chand
18/12/07