



All India Radio



P2(827)07-D(P)/338

**Procurement of Spares for 250KW and 500KW SW BBC Make Transmitters
at Bangalore and Pannaji.**

S. No.	Item Description	Bangalore	Panaji	Total Items Required
1	14 KV, HT Rectifier Thyristors, CS 101-40 101 $I_{TAVM}=100A, V_{RRM}=4000V$	12	-	12
2	GTO, WG 5025 F/IR 160 PFT 160	20	30	50
3	Voltage Limiter Diode, SSA 23R 1300 DSAS-13U	30	40	70
4	Voltage Limiter Diode, SSA 20R 1600 DSAS-16U	20	25	45
5	Free Wheeling Diodes DSDI 71-16A, $t_{rr}=100-$ 500ns, $I_{FAVM}=72A, I_{FRMS}=160A$ $V_{RRM}=200-1600V,$ (Polarity)(DSD(I) CATHODE ON STUD)	25	20	45
6	Diodes DSA 51-16A, Cathode on stud, $V_{RRM}=800-1800V,$	20	15	35
7	Diodes DSA 35-16A Anode on stud, $V_{RRM}=800-1800V,$ $I_F(RMS)=80A, V_{RRM}=1600V,$ $V_{RSM} 1700V, I_F(AV)M=49A$	20	15	35
8	Rectifier Diodes DSA 75-16B Metal case DO-5 with Avalanche type. $I_{FAVM}=110A, I_{FRMS}=160A$ $V_{RRM}=800-1800V$	20	15	35
9	Rectifier Diodes DSA (1)75-16B, Polarity DSAI cathode on stud, $I_{FAVM}=92A, I_{FRMS}=160A$ $V_{RRM}=200-1600V$	20	15	35
10	Switching Mode Regulator, 11 to 35 V/5V, 12 amps (L=135mm,H=75mm,D=30mm)	3	2	5