ANNEXURE -I

SPECIFICATION FOR SUPPLY OF COPPER PLATES, STRIPS, AND GI PIPES FOR EARTHING SYSTEM AT 13 AIR STATIONS IN SOUTH ZONE

I. Description Material

Conventional Copper plate earthing systems are to be provided for at 13 AV stations located in South zone (as per the list of Consignee- Annexure-II) , each station is proposed to provide 5 No. Conventional copper plate earthing system (i.e 2 No. for RF earthing and 3 No.s for Power earthing) . Accordingly, copper plates and copper strips are to be procured to facilitate the installation of proper earthing arrangements.

II. BILL OF MATERIALS/ QUANTITY

SL No	Description of Material	Requirement of one Consignee station			Total Cost per station
SL No	Description of Material	Qty of plates per station	Weight of plate per unit	Total weight	
1.	Copper Plate (600mmX600mmX 3mm) : Shape: Square	5 No	10 Kg	50 Kg	
2	Copper Strips (25mm x 3mm)– for power Earthing	3 No.	20 Kg	60 Kg	
3	Copper Strips (50mm x 3mm)- for RF Earthing	2 No.	40 kg	80 kg	
		Total Cost per station			
		Grand Total	**13 X Cost of the station**		

NOTE : The material required for for 13 AIR Station as per the Annexure-II . Each station has to provide 5 No. Earthing Systems i.e 2 No. RF earthing and 3 No.s for Power earthing

Note:

1. **Copper plate/strip should be of electrolytic copper of 99.5% purity**
2. **Copy of purity test certificate issued Govt/NABL accredited lab for the material to be supplied should be provided along with the supply**
3. **Copper strips be provided in accordance with specifications i.e 50Kg/60Kg/80Kg breakup only**

Annexure -II

Details of Consignees

Sl. No.	Name of Consignee
1	DDG(E) , All India Radio , Mylapur Chennai, Taminadu
2	DDG(E) , All India Radio , Mylapur Chennai, Taminadu
3	DDG(E) , All India Radio, Bangalore, Karnataka
4	DDG(E) , All India Radio, Bangalore, Karnataka
5	DDG(E) , All India Radio , Bangalore, Karnataka
6	DDE, All India Radio, Mangalore, Karnataka
7	Asst. Engineer, All India Radio ,Mysore, Karnataka
8	DDG(E) , All India Radio, Dharwad, Karnataka
9	DDG(E) , All India Radio, Trichy, Tamilnadu.
10	DDE, All India Radio, Dharmapuri, Tamilnadu
11	DDE, All India Radio, Kozhikode, Kerala
12	AE, All India Radio, Manjeri, Kerala
13	AE, All India Radio, Macherla, Andhrapradesh