

PRASAR BHARATI  
(BROADCASTING CORPORATION OF INDIA)  
OFFICE OF THE CHIEF ENGINEER (SOUTH ZONE)  
ALL INDIA RADIO & DOORDARSHAN  
SWAMY SIVANANDA SALAI, CHENNAI - 600 005

No. CESZ/PUR-II/PSEA/NIT-02/2011-12/

Date: 03-08-2011

CORRIGENDUM

**SUB.:** CORRIGENDUM on the Enquiry for the NOTICE INVITING TENDER for the SITC of **Online 40 kVA UPS((1+1) HOT STANDBY with Isolation Transformer, 3 Ph AC input, 4 wire & 3Ph AC output , 4 wire with 30 min.backup time for FM TRANSMITTER OF ALL INDIA RADIO at Bangalore (2 Nos),Tirupati, Vishakhapatnam,Warangal, Dharwad,Hospet,Mangalore, Mysore,Calicut,Trivandrum, Coimbatore,Kodaikanal, Nagercoil,Tiruchirapalli ,Adilabad & Dharmapuri -each 1 No.(Total-17 Nos)**

**Ref.:** This office NIT Enquiry of even No. dated 13.07.2011.

Sir,

With reference to the subject cited above, this is to inform that, the specification for the isolation transformer which is enclosed herewith may kindly be included along with the other technical specifications.

Yours faithfully,

Encl: as above

Sd/-  
(T.SHANMUGARAJU)  
DY. DIRECTOR (ENGG) (PURCHASE)  
for Chief Engineer (SZ)  
Ph.No.: 044 - 25382853

## ISOLATION TRANSFORMER Specifications

The Isolation Transformer (copper wound) should be Three Phase, Naturally Air cooled type, Housed in one steel cubical provided with cast iron wheels at bottom and should have Hooks for lifting the unit. The cubical enclosing the Isolation Transformer should have sufficient openings (doors and removable covers) for ease of operation and maintenance of the system.

1. AC Input : Delta 3-phase, 400±10% (phase to phase)
2. AC Output : Star 3-Phase, 400 ±10% (Phase to phase)  
230 (phase to neutral)
3. Frequency : 47 to 53 Hz
4. Capacity : 60 KVA
5. Duty cycle and use : 24x7 Continuous, Indoor
6. Common Mode Noise Rejection : Better than 110 dB
7. Inter winding capacitance : Less than 0.005pF
8. Insulation resistance : More than 500 Mega Ohms at 500 V
9. Terminals : Studs on fiber glass plate at rear
10. Cable entry : Bottom

## ENVIRONMENTAL CONDITION

- Operating Ambient Temperature : 0°C to 40°C  
Storage/Transport Ambient : -25°C to 55°C  
Temperature  
Relative Humidity : 90%