प्रसारभारती / PRASAR BHARATI
भारतीयलोकसेवाप्रसारक/ INDIA'S PUBLIC SERVICE BROADCASTER
अपरमहानिदेशक(अभि.) (द.क्षे) काकार्यालय/ O/o. ADDL. DIRECTOR GENERAL (E)(SZ)
आकाशवाणीएवंदूरदर्शन / ALL INDIA RADIO & DOORDARSHAN
स्वामीशिवानंदासालै, चेन्नई / SWAMY SIVANANDA SALAI, CHENNAI – 600 005

No. ADG(E)(SZ)/SMS/IEBR/METP/26-27 Date: 08.05.2026

Sir/Madam,

Sub: Request for Budgetary Quotation for Exciter of HARRIS 3DX-25 DRM Transmitter for Akashvani HPT Avadi for the attached specification

Sl. No.	Particulars	Qty.
1.	DRM Digital Modulator / RF Exciter for HARRIS 3DX-25 DRM Transmitter at HPT Akashvani Avadi	1no

1) GUARANTEE / WARRANTEE:
One year from the date of supply of material.

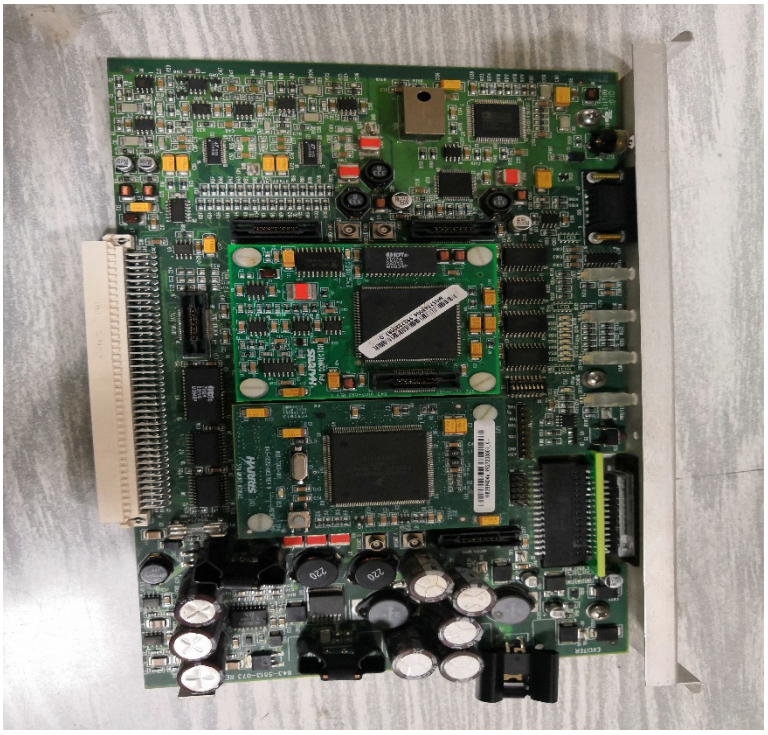
2) Payment terms :100% payment on testing of item.

Quotations may be addressed to : Shri.V.Dinesh kumar , Deputy Director(E), Room No 209, O/o Additional Director General(E), Akashvani & DD, Swamy Sivananda Salai, Chennai – 600005.
and by email to : diravm_sz@yahoo.com & airmaintenance.sz@prasarbharati.gov.in

Yours faithfully

V.Dinesh kumar 08/05
Deputy Director (E)
For ADG(BO-SZ)

SPECIFICATION for DRM Digital Modulator / RF Exciter suitable for HARRIS 3DX-25 Transmitter



PWA-EXCITER

Part No :992 7220 058 (N---)

DRM Digital RF Exciter /Modulator shallbe designed to meet requirements of all broadcasting modes, to provide easyswitchover between Analogue AM (DSB), pure DRM, single channel ormulti-channel Simulcast (SCS/MCS) with following key features.

• Real time Channel Coder / Modulator for coding and modulation functions by

means of powerful embedded digital processing and shall deliver all the

standardized DRM digital modes with signal bandwidth up to 20 kHz.

• Digital Integrated Synthesizer to generate RF.

• Ethernet Ports for DRM/MDI input.

• One AES/EBU Digital Audio Input, One Analogue Audio Input.

• SFN/MFN Operation Capability with internal GPS and/or through external NTP

server.

• Spectral Shaping as per ETSI standard for meeting the requirement of providing

good AM signal reception in Simulcast mode of operation of the transmitter.