

Amendment to Tender Enquiry No.12(89)06-D(P)/475-D(P-S)cell for the procurement of Captive Earth Station at AIR Silcher”.

The enclosed specifications for 70 MHz To L-Band Upconverter are to be included as part of the specifications for Captive Earth Station for Silchar.

Specification for 70 MHz TO L-BAND UPCONVERTER

a)	Input frequency	70 MHz \pm 18 MHz
b)	Output frequency	In the band 950-1450 MHz (selectable)
c)	Output impedance	75 Ω (optional 50 Ω)
d)	Input impedance	75 Ω
e)	Output return loss	\geq 12 dB
f)	Type of upconversion	Preferably Dual
g)	Phase Noise	- 60 dBc or better at 10 KHz offset from the carrier.
h)	L.O. Stability	2 ppm or better
i)	Input level	- 50 dBm (nominal)
j)	Conversion Loss	\leq 10 dB.
k)	Power supply	220V AC, 50 Hz single phase