

TECHNICAL SPECIFICATION OF ANTENNA MAST FOR RR TERMINAL & REPEATER STATION

Ser	Nomenclature/Description	Technical Specifications	To be filled by the supplier/ Manufacture
(a)	(b)	(c)	(d)
<u>PART-1: GENERAL SPECIFACATION</u>			
1.	Nomenclature	Antenna Mast For RR Terminal & Repeater Station	
2.	Type	Tactical Telescopic	
3.	Brand Name	To be mentioned	
4.	Make	To be mentioned	
5.	Model	To be mentioned	
6.	Country of Origin	To be mentioned	
7.	Country of Manufacture	Group A Countries	
8.	Country of Assembly	Group A Countries	
9.	Year of Manufacture	Not earlier than the calendar year of the contract	
10.	Name of Manufacturer with complete address (office address, Telephone, Fax, Email and web address)	To be mentioned	
11.	Name of Principal / Supplier with complete address (office address, Telephone, Fax, Email and web address)	To be mentioned	
12.	Name of Local Agent with complete address (office address, Telephone, Fax, Email and web address)	To be mentioned	
<u>PART-2: TECHNICAL SPECIFACATION</u>			
13.	Material Used (Aluminum/Fiber/Other)	To be Mentioned	
14.	Extended Height (M)	Minimum 24 meter	
15.	Transportation Length (M)	To be mentioned	
16.	Max. vertical top load (kg)	Minimum 50 Kg	
17.	Max. wind area A (m ²)	To be mentioned	
18.	Max. wind speed (m/s)	To be mentioned	
19.	Guy radius (m)	To be mentioned	
20.	Guys and levels	To be mentioned	
21.	Mast weight (kg)	To be mentioned	
22.	Total weight in op condition (kg)	To be mentioned	
23.	Sections	To be mentioned	



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24.	a. Antenna arrangement will be provided to rotate the Antenna by $\pm 180^\circ$ (360° preferable) in horizontal plan and $\pm 10^\circ$ in vertical plane from the ground	To be mentioned	
	b. The Antenna when erected should be able to withstand a wind velocity of 80 km/h Op and 120km/hr (survival)	To be mentioned	
	c. No of Antenna can be fixed in one Mast.	To be mentioned	
	d. No of independent rotator system in one Mast.	To be mentioned	
25.	Availability of grounding/earthing equipment	To be mentioned	
26.	Availability of lightning protection equipment	To be mentioned	
27.	Internal/ external cable management with clamp protection (to prevent cables snapping from inside)	To be mentioned	
28.	Environmental Test		
	a. Rain	MIL-STD-810E	
	b. Humidity	MIL-STD-810E	
	c. Salt Fog	MIL-STD-810E	
	d. Sand and Dust	MIL-STD-810E	
PART-3: SPARE PARTS			
29.	List of Spare Parts (rotator, winch, erector etc)	To be mentioned	
PART-4: WARRANTY			
30.	Equipment Warranty	03 (Three) Years from the date of Final Acceptance Certificate (FAC)	
PART-5: OTHERS			
31.	Manufacturer/principal Experiences	Must Have min 5 years functional Experiences	
32.	The name of countries where the Mast is currently being used	To be mentioned	

