

<i>No</i>	Weather Radar S Band Dual Polar Solid-state Requirements	Specification proposed or comments
	finalised. - Sector blanking. The radar must implement both hardware and software sector blanking. Hardware for situations where the radar is never allowed to transmit and software for temporary blanking to protect workers on nearby towers. - Radiation hazard. The bidder should provide a radiation hazard diagram showing danger zones including below the radar.	
8.1.13	Receiver - Type: Down Conversion - Noise Figure: ≤ 2 dB - Sensitivity (MDS): ≤ -114 dBm typical - Receiving Filter: Have Receiving Filter	
8.1.14	Reflector - Type: Parabolic, Prime Focus Reflector - Diameter: Between 5 and 7 m - Minimum Gain: ≥ 45 dBi - Beam Width: $\leq 1.25^\circ$ - Polarization: Should be able to operate in Dual Polarization (Horizontal and Vertical – alternate and STAR modes) and Single (Horizontal), the system will operate normally in dual polarization mode. - Elevation Scanning Range: -2° up to $\geq 90^\circ$ - Scanning speed: ≥ 6 rpm - Minimum side-lobe -29dB - H and V beam width difference $< 0.1^\circ$	
8.1.15	Pedestal - Angular Positioning Accuracy: $\leq 0.1^\circ$ - Safety Devices Pedestal: Pedestal safety features (emergency stop	