

Compliance Sheet:

Compliance Sheet (All Requirements are mandatory, any single non-compliance, blank space or partial comply will disqualify bidder). Bidder must submit compliance sheet as per below format and mention document reference in front of each required feature.

S#	Item	Description	Qty	Compliance (Fully- Comply/Not- Comply)	Submitted Proposal Reference
1	SATCOM COTP 1.2- meter complete Antenna System	Bidder shall provide 1.2m Satellite Auto Tracking Antenna System which Includes but not limited to :- 1.2m Satellite Auto-Tracking Motorized Antenna Unit, Satellite Auto-Tracking Antenna Controller, GPS Antenna, VSAT Indoor Unit, LNB, BUC and Allied Equipment, Cabling, Fabrication, Installation and Commissioning, any other equipment/hardware/software/licenses etc to make complete system operational (Indoor unit can be of iDirect or STM which must be fully compatible with delivered antenna unit and controller and NADRA iDirect and STM HUBs). System should support low KU frequency. Uplink: 12.75 – 13.25 GHz Downlink: 10.7 – 11.45 GHz	01		
2		Quoted VSAT IDU must be fully enabled, licensed and support of Star, TCP-A, NAT, Encryption licenses with all accessories			
3		Satellite Auto-Tracking Capability which can align System automatically and provide connectivity on single click of button.			

4	Proposed system must support Auto-stow and Auto-deploy via Antenna Control Unit.		
5	Antenna system must support fast/med/slow elevation and azimuth driven via Antenna control unit.		
6	Antenna system is designed in such a way that it supports three motorized axes. Azimuth and Elevations of antenna system must be adjustable and driven by motors. Azimuth travel should be ± 200 degree and Elevation look angle should be 0 to 90 degree. Polarization should be adjustable Automatically to any position and after adjustment it should be locked for specific satellite. Polarization travel must be ± 95 degree.		
7	Antenna system must be user friendly and is used in all over Pakistan such that there will be no complexities involved in configuration and operation when it will be moved from one location to another. Antenna system must be designed in such a way that it is easy to point and there is no need of user/operator to get outside the Van for check azimuth and elevation angles values for antenna pointing.		
8	Antenna unit must be automatically aligning to satellite anywhere in Pakistan without any manual input by operator. For example, if vehicle move from one location to another then operator only have to press single button to align and lock the antenna on satellite. And after alignment operator must be able to access services on satellite link.		

9	Antenna Control unit must support Software and front panel for configuration of antenna control unit (ACU). Antenna control unit must be compact and have excellent environmental conditions including operating temperature, humidity etc.		
10	Bidder shall perform complete Installation, fabrication, configuration, delivery, support, warranty for antenna system, mounting of antenna on vehicle, RF, Ethernet and power cabling for antenna and motors/controllers etc. Antenna system must be mounted on roof of vehicle.		
11	Bidder must be Equipment Manufacturer/premier-partner and must have local support for any major or minor issues. Certificate of same is required.		
12	Bidder shall provide complete demonstration of solution using any one of following mechanisms. NADRA team will verify all features required in this RFP during demonstration: a. Onsite system demonstration b. If option-a not available then Complete video presentation of system with online access to the system.		
13	Equipment must be quoted with two-year Warranty and Support.		
14	Must have features like automatic satellite tracking, accurate positioning of satellite antenna, Memory for Multiple Satellites for automatic alignment from Stow position, Lock feature to resist any misalignment due to wind, Provision to reach any specified angle in elevation and azimuth directly by user input, Strong mechanical structure with improved design, Provision of resistance		

28	Equipment must be quoted with all required licenses to make equipment fully functional with required features		
29	Bidder shall quote all equipment as Turnkey Project		
30	Bidder Must have delivered 2xSimilar Projects in last 10 years		
31	All above features are mandatory and requirement of NADRA. Bidder shall deliver all features/software/hardware/licenses mentioned above.		
32	Country of origin must USA, UK, Europe and Canada		
33	3KW single phase UPS Input: 220 – 230 V 5KWh battery Quoted UPS must Provide pure sine-wave 3 years support and warranty 2 inputs and 5 output outlets 45 – 65 HZ input frequency VRLA / Lithium dry batteries Voltage regulator Surge protection		
34	All the features mentioned in RFP must be part of the proposed solution. Wherever the word ‘support’ is mentioned in this document, it means that the supported feature must be part of the proposed solution without requirement of any additional module / license / software		
35	All equipment IDU, ODU, Antenna, Antenna mount must be Integratable with each other.		
36	All quoted equipment must be brand new		

37	Equipment must be quoted with all required licenses to make equipment fully functional with required features		
38	Bidder to confirm that while quoting the equipment, it must ensure that quoted equipment should be available and there will be no supply/delivery issue after the issuance of PO		
39	Letter of compliance with the statement "Bidder fully agreed and complied all Sections/parts/Annexures of RFP"		
40	Bidder must provide technical brochures of all quoted equipment		