

Annex 5: Compliance Checklist

1. Compliance Sheet

A complete compliance sheet for each clause of RFA/SSA/Annexe/Schedules shall be provided as softcopy and as signed hardcopy in the following format

Document	Clause No.	Compliance (FC/PC/NC/NA)	Proposal Page Reference	Remarks in case of Partially or Not Complied
RFA				
SSA				
Schedules				
Annexes				

Note: FC- Fully Complied, PC – Partially Complied, NC – Not Complied, NA – Not Applicable.

2. Design Parameters

Following table of design parameters¹ shall be filled up for the proposed solution

ITEM	VALUE
Network Technology	
Spectrum (Access Network)	
Spectrum (Satellite)	
Vendor of Access Network	
BTS count	
RF Repeater count	
Transmission Repeater count	
Microwave frequency	
Microwave Media (BTSs count)	
Capacity for Microwave Media	
Satellite Media (BTSs count)	

¹ Applicants proposing a USF Network solution that is not GSM or CDMA based should provide equivalent network design and performance information.

Capacity for Satellite Media	
Data technology (and upstream/downstream rates) ²	
Voice mErlang/Sub	
Voice MHT (Sec)	
Network Size in Erlang	
Network Size in Subscribers	
Telecenter count	
Public Call Office (PCO) Count	
Renewable Energy Solution Technology	
Renewable Energy Solution (BTS Count)	
Commercial Power (BTS Count)	
DG with capacities (BTS Count)	
Battery Backup time	
Battery Life	

3. Additional Information

Following information shall also be provided.

a) Softcopy of MapInfo work space that includes the following layers:

i) BTS Location with information (columns) as follows:

S.No	BTS Name	Latitude	Longitude	Configuration (Omni, 444 or 333)	Erlangs	Subscribe	Height	Backhaul Type (VSAT/Satellite or MW)	Backhaul Capacity (Els)
1									
2									

ii) Repeater locations with details same as for BTSs

² Applicants must provide design assumptions and related information to demonstrate that the USF Network will meet the 50 kbps Internet data transfer rates identified in Schedule B, for both upstream and downstream traffic, assuming 1% active (non dormant) data sessions among all subscribers.

iii) Footprint prediction with legends like

Legend	dBm		dBm
Green	-65	$\leq x$	
Yellow	-75	$\leq x <$	-65
Orange	-85	$\leq x <$	-75
Blue	-95	$\leq x <$	-85
Grey	-102	$\leq x <$	-95
White	No Coverage		

- b) Softcopy of Link Budget analysis sheet for reverse and forward links (if applicable) for the technology/frequency being used
- c) Sample brochures of the Customer Premises Equipment (CPE) compatible with the proposed access network
- d) Detailed requirements, design, criteria, assumptions, calculations and proposed solution for renewable energy power solutions. The design calculations shall also include number of batteries, offered backup time, required charging time, life time and operating temperature. All calculations shall be supported by the offered products' datasheets.