Appendix E

AFISNET II - SITE REQUIREMENT

Sites	Accra	Roberts	Lagos	Kano	Maiduguri	Abidjan	Dakar	Brazzaville	Douala	Ndjamena	Niamey	Libreville
Antenna	Antenna	Antenna	Antenna	Antenna	Antenna	Antenna	N/A	Antenna	Antenna	N/A	Antenna	Antenna
Topology/Architecture (zero cost)	Mixte (Mesh / Star)	Mixte (Mesh / Star)	Mixte (Mesh / Star)	Mixte (Mesh / Star)	Mixte (Mesh / Star)	Mixte (Mesh / Star)	Mixte (Mesh / Star)	Mixte (Mesh / Star)	Mixte (Mesh / Star)	Mixte (Mesh / Star)	Mixte (Mesh / Star)	Mixte (Mesh / Star)
RF Equipment + Backup system (RF)	SSPA Up converter Down Converter LNB	SSPA Up converter Down Converter LNB	SSPA Up converter Down Converter LNB	SSPA Up converter Down Converter LNB	SSPA Up converter Down Converter LNA	SSPA Up converter Down Converter LNB	N/A	SSPA Up converter Down Converter LNB	SSPA Up converter Down Converter LNB	N/A	SSPA Up converter Down Converter LNB	SSPA Up converter Down Converter LNB
Modems	Modems (L-Band)	Modems (L-Band)	Modems (L-Band)	Modems (L-Band)	Modems (L-Band)	Modems (L-Band)	Modems (L-Band)	Modems (L-Band)	Modems (L-Band)	Modems (L-Band)	Modems (L-Band)	Modems (L-Band)
Baseband Equipment	Router/Switch / Multiplexor	Router/Switch / Multiplexor	Router/Switch / Multiplexor	Router/Switch / Multiplexor	Router /Switch/ Multiplexor	Router/ Switch/ Multiplexor	Router/ Switch/ Multiplexor	Router/Switch / Multiplexor	Router/Switch / Multiplexor	Router/Switch / Multiplexor	Router/Switch / Multiplexor	Router/Switch / Multiplexor
Spare parts	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Transmission Protocols(zero cost)	TCP/IP ; FR	TCP/IP ; FR	TCP/IP ; FR	TCP/IP ; FR	TCP/IP ; FR	TCP/IP; FR	TCP/IP; FR	TCP/IP; FR	TCP/IP; FR	TCP/IP; FR	TCP/IP; FR	TCP/IP; FR
AFISNET International stations (zero cost)	Kano, Lagos, Libreville Niamey , Abidjan, Brazzaville, Lomé, Cotonou, Niamtougou Ouagadougou Bobo Luanda Atlantico	Abidjan Dakar	Kano, Accra, Libreville, Malabo, Lomé, Douala Cotonou,	Lagos, Niamey, Douala, Nd'jamena, Brazzaville, Lomé, Libreville, Maiduguri	Nd'jamena, Kano	Accra, Roberts, Ouagadougou, Bamako, Dakar Bobo Luanda Atlantico	Niamey, Abidjan, Bamako, Roberts, Brazzaville, Bangui, Bissau, Nouakchott, Piarco, Cayenne, Atlantico, Luanda, Alger	Accra, Kano, Niamey, Ndjamena, Dakar, Douala, Libreville Bangui Malabo Johannesburg Khartoum Nairobi Luanda Kinshasa	Lagos, Kano, Brazzaville, Ndjamena Libreville Malabo	Lagos, Kano, Accra, Brazzaville, Niamey Maiduguri Algiers Tripoli Khartoum	Lagos, Kano, Accra, Brazzaville, Ndjamena Algiers Addis Tripoli	Lagos, Kano, Accra, Brazzaville, Ndjamena
Operational Services(zero cost)	ATS/DS, AFTN/AMHS Surveillance Data, AIDC, MET	ATS/DS, AFTN/AMHS Surveillance Data, AIDC, MET	ATS/DS, AFTN/AMHS Surveillance Data, AIDC, MET	ATS/DS, AFTN/AMHS Surveillance Data, AIDC, MET	ATS/DS, AFTN/AMHS Surveillance Data, AIDC, MET	ATS/DS, AFTN/AMHS Surveillance Data, AIDC, MET	ATS/DS, AFTN/AMHS Surveillance Data, AIDC, MET	ATS/DS, AFTN/AMHS Surveillance Data, AIDC, MET	ATS/DS, AFTN/AMHS Surveillance Data, AIDC, MET	ATS/DS, AFTN/AMHS Surveillance Data, AIDC, MET	ATS/DS, AFTN/AMHS Surveillance Data, AIDC, MET	ATS/DS, AFTN/AMHS Surveillance Data, AIDC, MET
Training	Equipment training	Equipment training	Equipment training	Equipment training	Equipment training	Equipment training	Equipment training	Equipment training	Equipment training	Equipment training	Equipment training	Equipment training
Power supply	UPS, AVR	UPS, AVR	UPS, AVR	UPS, AVR	UPS, AVR	UPS, AVR	UPS, AVR	UPS, AVR	UPS, AVR	UPS, AVR	UPS, AVR	UPS, AVR
Other Requirements (zero cost)	Exchange programme	Exchange programme	Exchange programme	Exchange programme	Exchange programme	Exchange programme	Exchange programme	Exchange programme	Exchange programme	Exchange programme	Exchange programme	Exchange programme

In red color are requirements for interconnection between AFISNET and SADC/2 NAFISAT