LIST OF EQUIPMENT AND TOOLS FOR THE WIRELESS NETWORK PROJECT
(THE UNIVERSITY OF MALAWI)

AT MPINGWE:

A. Equipments

1) Power supply: Normal power current, UPS, 15 metres of cable
2) Antenna 1: HG2424G
    - Cable Antenna - Radio: Power over Ethernet (2 metres)
    - Mast: No mast
    - Other accessories: Metallic Brackets
3) Sectorial Antenna to Ndirande and Limbe: HG2417P-120
    - Cable Antenna - Radio: 2 meters
    - Mast: No mast
    - Other accessories: Metallic Brackets
4) Radio: Dual Radio airPoint2NexusPRO
    - Accessories: Protective box

B. Testing and installation tools:

1) Spectrum Analyzer
2) Tools:
    - Screwdriver
    - Spanner
    - Cutter
    - RJ45 Climper tool
    - Cable tie
3) RF cables
4) RF adaptors
5) 1 Laptop Net Stumbler
6) UTP cables
7) RJ-45 connectors
8) GPS
9) Compass
10) Map
11) Ruler

LIST OF EQUIPMENT AND TOOLS FOR THE WIRELESS NETWORK PROJECT (THE UNIVERSITY OF MALAWI)

AT NDIRANDE

1) Power supply: Normal power current, UPS,
2) Antenna 1: HG2424G
   - Cable Antenna - Radio: Power over Ethernet (15 metres)
   - Mast: No mast
   - Other accessories: Metallic Brackets
3) Cable Antenna - Radio: 15 meters
   - Mast (10 metres)
   - Other accessories: Metallic Brackets
5) Radio: Single Radio airclient Nexus Total sB3414
   - Accessories: Protective box

B. Testing and installation tools:

1) Spectrum Analyzer
2) Tools:
   a) Screwdriver
   b) Spanner
   c) Cutter
   d) RJ45 Climper tool
   e) Cable tie
3) RF cables
4) RF adaptors
5) 1 Laptop Net Stumbler
6) UTP cables
7) RJ-45 connectors
8) GPS
9) Compass
10) Map
11) Ruler

LIST OF EQUIPMENT AND TOOLS FOR THE WIRELESS NETWORK PROJECT (THE UNIVERSITY OF MALAWI)

AT LIMBE

1) Power supply: Normal power current, UPS,
2) Antenna 1: HG2424G
   - Cable Antenna - Radio: Power over Ethernet (15 metres)
   - Mast: No mast
   - Other accessories: Metallic Brackets
3) Cable Antenna - Radio: 15 meters
   - Mast (10 metres)
   - Other accessories: Metallic Brackets
6) Radio: Single Radio airclient Nexus Total sB3414
   - Accessories: Protective box

B. Testing and installation tools:

1) Spectrum Analyzer
2) Tools:
   a) Screwdriver
   b) Spanner
   c) Cutter
   d) RJ45 Climper tool
   e) Cable tie
3) RF cables
4) RF adaptors
5) 1 Laptop Net Stumbler
6) UTP cables
7) RJ-45 connectors
8) GPS
9) Compass
10) Map
11) Ruler

LIST OF EQUIPMENT AND TOOLS FOR THE WIRELESS NETWORK PROJECT (THE UNIVERSITY OF MALAWI)

AT POLY

1) Power supply: Normal power current, UPS,
2) Cable Antenna - Radio: 15 meters
   - Mast (10 metres)
   - Other accessories: Metallic Brackets
3) Radio: Airpoint Nexus Pro total sB3212 v/h
   - Accessories: Protective box

B. Testing and installation tools:

1) Spectrum Analyzer
2) Tools:
   a) Screwdriver
   b) Spanner
   c) Cutter
   d) RJ45 Climper tool
   e) Cable tie
3) RF cables
4) RF adaptors
5) 1 Laptop Net Stumbler
6) UTP cables
7) RJ-45 connectors
8) GPS
9) Compass
10) Map
11) Ruler