

## 6.2 List of Required Equipment and Technical Specification

### List of Equipment

Supply, installation, testing, balancing and commissioning of digital transmitter, antenna system, UPS and allied equipment for 16 stations on turn-key basis.

### Important Note:

Any item (1+1) with auto change over that means, 02 (two) identical equipment with integrated automatic change over system.

#### For Lot 01

Item No.	Description	Qty	Unit
1.0	Headend system		
1.1	Headend system for Headquarter (Dhaka)		
1.1 (1.1.1)	MPEG Encoder (1+1) with auto change over	1	Set
1.1 (2.0.0)	Multiplexer		
1.1 (2.1.1)	MPEG Multiplexer (1+1) with auto change over	2	set
1.1 (3.0.0)	T2 Gateway		
1.1 (3.1.1)	T2 Gateway (1+1) with auto change over system.	2	set
1.1 (3.2.1)	ASI/IP Redundancy Switch for Digital TV Signal	1	set
1.1 (4.0.0)	System Management & Control		
1.1 (4.1.1)	System Controller including necessary hardware, OS.	1	set
1.1 (4.2.1)	KVM Drawer	1	set
1.1 (5.0.0)	Peripherals (IP base network)		
1.1 (5.1.1)	48x48 Frame Router ( IP base network)	1	set
1.1 (5.1.2)	Control Panel for quoted Frame Router (IP base network)	1	set
1.1 (5.2.1)	Ethernet Switch (48 Ports) for Video Data	4	set
1.1 (5.3.1)	1+1 Ethernet Switch (48 Ports) for Control Data	2	set
1.1 (5.4.1)	Patch Panel with Patch Cable 2X32 HD/SD ADC	2	set
1.1 (5.5.1)	Distribution Amplifier with EQ and Reclocking	1	Set
1.1 (6.0.0)	EPG System (Electronic Program Guide System)		
1.1 (6.1.1)	EPG TS Generator (1+1) with auto redundancy system	1	set

