

Section VI, Technical Specification-Attachment-1

BILLOFQUANTITIES(BOQ)

The items listed in Bill of Quantities are proposed by the Employer, estimated on main system. Bidders must prepare & include the detailed subsystem, parts, components, software, devices, etc as per appropriate requirement in accordance with Section VI Technical specifications. The list includes but not limited to the following is:-

S#	Description	Specification	Total Qty
1	VHF/UHF Mobile Monitoring Station (20 MHz to 3 GHz, Extended range upto 6 GHz or more offered will be preferred)	As in clause B-2	01
1	• Monitoring Receiver	-do-	02
	• Direction finding system (Antenna, DF Processor and other accessories, etc)	-do-	01 set
	• Control Console, Racks and other Accessories	-do-	02 set
	• RF distributors/Amplifier	-do-	As per requirement
	• RF Blocking / Filter Unit	-do-	As per requirement
	• Antenna Equipment for Monitoring	-do-	
	• Omni-directional Antenna	-do-	01 set
	• Directional Antenna	-do-	01 set
	• Antenna Control unit (Including Azimuth / Pol rotator)	-do-	01 set
	• RF Cables, connectors and other accessories	-do-	01 set As per requirement
	• Radio Network Analyzer for GSM/CDMA Monitoring & Measurements (including all accessories)	-do-	01 set
	• Power supply system	-do-	01 set
	• Process controller / Computer /Laptop, including other system elements, software and peripherals (i.e. keyboard, printers etc)	-do-	02 set
	• Monitoring System Application software (for Monitoring and DF)	-do-	02
	• GIS software to display and evaluate DF on digital maps	-do-	01
	• Networking equipment (i.e. router modem Radio set etc)	-do-	As per requirement
	• Operating system along with application software	-do-	02 set
	• GPS, Electronic Compass and other accessories	-do-	01 set
2	Mobile/Transportable Microwave Monitoring System (1GHz to 40 GHz)	As in clause B-3	02
	• Spectrum Analyzer	-do-	02
	• Antenna Equipment for Monitoring	-do-	02 sets

	• Omni-directional Antenna	-do-	02 sets
	• Directional Antenna	-do-	02 sets
	• Antenna Control unit (Including Azimuth / Pol rotator)	-do-	02 sets
	• RF switches, cable, connectors and other accessories	-do-	02 sets As per requirement
	• Antenna tripod /Mast	-do-	02 sets
	• Auxiliary equipment, (including GPS, compass etc)	-do-	02 sets
	• Networking equipment (i.e. router, modem, Radio set etc)	-do-	02 sets As per requirement
	• Monitoring System Application software (for Monitoring and DF)	-do-	02 sets
	• Operating system along with application software	-do-	02 sets
	• Control Console, Racks and other Accessories	-do-	02 sets
	• Power supply system	-do-	02 sets
	• Process controller / Computer /Laptop, including other system elements, software and peripherals (i.e. keyboard, printers etc)	-do-	02 sets
3	VHF/UHF Portable / Handheld Monitoring System (20MHz to 6 GHz)	As in clause B-4	07
	• Portable Monitoring Receiver	-do-	07 sets
	• Handheld Antennas	-do-	07 sets
	• Soft carry casing for receiver, Antenna and accessories	-do-	07 sets
	• RF Cables, Adapters, Connectors, other accessories	-do-	07 sets
	• Portable Battery Pack	-do-	07 sets
	• Auxiliary equipment GPS, Digital Compass, etc	-do-	07 sets
	• Laptop including software applications and peripherals (i.e. keyboard, printers, etc)	-do-	07 sets
4	• RF Field Strength Meter (including all accessories)	As in clause B-5	07 sets
5	• Mobile Monitoring Vehicles	-do-	
	• VHF /UHF Mobile Monitoring Vehicle including all accessories	As in clause B-2.8	01
	• Microwave Mobile Monitoring Vehicle including all accessories	As in clause B-3.9	02