

Clarification for specification of items as per BOQ

	Item	Tender Description	Queries	Clarifications
A-1	Option-1			
	Device farm factor	Rack mount Server		
	Processor	2Intel® Xeon® Gold 6130 2.1G,16C/32T,10.4GT/s, 22M Cache, Turbo, HT (125W) or equivalent or higher	2Intel® Xeon® Gold 5120 2.1G,14C or equivalent or higher	2Intel® Xeon® Gold 6130 2.1G,16C/32T,10.4GT/s, 22M Cache, Turbo, HT (125W) or higher
	Memory	256 GB (4 x 64GB) LRDIMM, 2666MT/s, Quad Rank	256 GB (8 x 32GB) 2666MT/s,	256 GB (4 x 64GB) RDIMM 2666MT/s,
	Hard Disk Drive	2 X 400GB SSD SAS Mix use 12Gbps 2.5in Hot-plug Drive or higher	2 X 400GB SSD SAS 2.5in Hot-plug Drive or higher	N/A
		4 X 1.2 TB SAS, 12 Gb/s, 10k rpm hot- plug, 2.5-inch or higher	4 X 1.2 TB SAS, 12 Gb/s, 10k rpm hot- plug, 2.5-inch or higher	
	Hard Disk Bay	Hard Disk Bay (2.5 inch) up to 16 or higher	Hard Disk Bay (2.5 inch) can be scaled up to 16 or higher	N/A
	RAID Controller	Integrated raid controller, 12Gb/s or higher, 2GBNV cache (Raid 0, 1, 5, 10, 50, 60)	Integrated raid controller, 12Gb/s or higher, 2GB cache (Raid 0, 1, 5, 10, 50, 60)	N/A
	Remote Management	Enterprise Remote Management	No	N/A
	I/O Expansion	Support PCIe SSD card	Support IO Expansion	Support PCIe card
	External	DVDRWdrive,SATA(Internal/ External)	No	N/A
Onboard Network Adapter	Dual Port 10Gb SFP+, + Dual Port 1Gb Ethernet, Network Daughter Card, including 10G SFP Additional Network Adapter Quad Port 1Gb Ethernet Adapter	Dual Port 10Gb SFP+, + Dual Port 1Gb Ethernet, Network Daughter Card, including 10G SFP, Adapter Quad Port 1Gb Ethernet Adapter	Dual Port 10Gb SFP+, Dual Port 1Gb Ethernet, including 10G SFP Additional Network Adapter Quad Port 1Gb Ethernet Adapter	
Power Supply	Redundant hot-swappable dual Power Supply Unit in full configuration (1+1)	No	N/A	

Stability	Support long-term operating temperature under specific conditions	No	N/A
System Management	Support remote management with dedicated port	No	N/A
Compatibility	Supports mainstream operating systems, such as Windows, Redhat Linux, SuSE Linux, VMware and Citrix Xeon Server	No	N/A
Support	Pre-failure Warranty of Processor, RAM and Hard Drives by Manufacturer.	Must have 03 year comprehensive warranty with principal / OEM support	03 year comprehensive OEM warranty / support
Option-2			
Device form factor	Rack mount Server		
Processor	2 Intel® Xeon® Gold 6130 2.1G, 16C/32T, 10.4GT/s, 22M Cache, Turbo, HT (125W) or equivalent or higher	2 Intel® Xeon® Gold 5120 2.1G, 14C or equivalent or higher	2 Intel® Xeon® Gold 6130 2.1G, 16C/32T, 10.4GT/s, 22M Cache, Turbo, HT (125W) or higher
Memory	512 GB (8 x 64GB) LRDIMM, 2666MT/s, Quad Rank	512 GB (16 x 32GB) 2666MT/s,	512 GB (8 x 64GB) RDIMM 2666MT/s,
Hard Disk Drive	2 x 960GB SSD SAS Mix use 12Gbps 512n 2.5in Hot-plug Drive or higher	2 X 960GB SSD SAS 2.5in Hot-plug Drive or higher	N/A
	4 X 1.2 TB SAS, 12 Gb/s, 10k rpm hot-plug, 2.5-inch or higher	4 X 1.2 TB SAS, 12 Gb/s, 10k rpm hot-plug, 2.5-inch or higher	
Hard Disk Bay	Additional Hard Disk Bay (2.5 inch) up to 16 or higher	Hard Disk Bay (2.5 inch) can be scaled up to 16 or higher	N/A
RAID Controller	Integrated raid controller, 12Gb/s or higher, 2GB NV cache (Raid 0, 1, 5, 10, 50, 60)	Integrated raid controller, 12Gb/s or higher, 2GB cache (Raid 0, 1, 5, 10, 50, 60)	N/A
Remote Management	Enterprise Remote Management	NO	N/A

	I/O Expansion	Support PCIe SSD card	Support IO Expansion	Support PCIe card
	External Drives	DVDRWdrive,SATA(Intrnal /External)	NO	N/A
	Onboard Network Adapter	Dual Port 10Gb SFP+, + Dual Port 1Gb Ethernet, Network Daughter Card, including 10G SFP Additional Network Adapter Quad Port 1Gb Ethernet Adapter	Dual Port 10Gb SFP+, + Dual Port 1Gb Ethernet, Network Daughter Card, including 10G SFP, Adapter Quad Port 1Gb Ethernet Adapter	Dual Port 10Gb SFP+, Dual Port 1Gb Ethernet, including 10G SFP Additional Network Adapter Quad Port 1Gb Ethernet Adapter
	Power Supply	Redundant hot-swappable dual Power Supply Unit in full configuration (1+1)	No	N/A
	Stability	Support long-term operating temperature under specific conditions	No	N/A
	System Management	Support remote management with dedicated port	No	N/A
	Compatibility	Supports mainstream operating systems, such as Windows, Redhat Linux, SuSE Linux, VMware and Citrix Xeon Server	No	N/A
	Support	Pre-failureWarrantyofProcessor,RAMandHardDrivesby Manufacturer.	Must have 03 year comprehensive warranty with principal / OEM support	03 year comprehensive OEM warranty / support

ENTRY SERVERS

	Item	Tender Description	Queries	Clarifications
A-2	Processor	Intel® Xeon® E3-1270 v6, 3.8 GHz, 8M cache, 4C (72w)	Intel® Xeon® E5-26xx v6, 3.8 GHz, 8M cache, 4C (72w)	N/A
	Memory	64 GB (4 x 16GB)DDR4RAM	DDR4RDIMMs	64 GB (4 x 16GB)DDR4RDIMM
	Hard Disk Drive	1 X 400GB SSD SATA or higher	1 X 400GB SSD SAS or higher	1 X 400GB SSD SAS or higher

	3 x 1TB 7.2K RPM SATA 6Gbps 3.5" or 2.5" Hard Drive	3 x 1TB 7.2K RPM SATA Should Support 16 slot 2.5" Hard Drive	N/A
RAID Controller	Integrated raid controller or higher,	No	N/A
External Drives	DVD-ROM(SupperDrive)	DVD-ROM	DVD-ROM
Onboard Network Adapter	Ethernet 1 GB Dual Port Adapter		N/A
Form Factor	Micro ATX Tower	Micro ATX Tower / Rack Mounted	Rack Mounted
Stability	Support long-term operating temperature under specific conditions		N/A
Compatibility	Supports mainstream operating systems, such as Windows, Redhat Linux, SuSE Linux, VMware and Citrix Xeon Server		N/A
Support	Pre-failureWarrantyofProcessor,RAMandHardDrivesbyManufacturer.	Must have 03 year comprehensive warranty with principal / OEM support	03 year comprehensive OEM warranty / support

LASERJET PRINTERS

Item		Tender Description	Queries	Clarifications
B-1	22 PPM LaserJet Printer (B&W)	Print Speed: 22 PPM (A4) or higher Resolution: 600 x 600 dpi Memory : 128 MB RAM (Minim) Processor: 600 MHz or above Monthly duty cycle : 8,000 pages or above Connectivity: USB , WiFi802.11b/g Operational Manuals,	Processor: 400 MHz or above	N/A
B-2	28 PPM Laser Jet Printer (B&W)	Print Speed: 28 PPM (A4) or higher Resolution: 600 x 600 dpi Memory : 256 MB RAM (Minim) Processor: 600 MHz or higher Monthly duty cycle : 30,000 pages Automatic Duplex Paper Tray: 2 (Minimum) Connectivity: USB/Ethernet 10/100 Operational Manuals, drivers, Power & Interface	Processor: 400 MHz or above	N/A
B-3	38 PPM Laser Jet Printer (B&W)	Print Speed: 38 PPM (A4) or higher Resolution: 1200 x 1200 dpi Memory : 28 MB RAM (Minim)		N/A
		Processor: 800 MHz (Minimum)	Processor: 600 MHz	N/A
		Monthly duty cycle : 80,000 Connectivity: 1 Hi-speed USB 2.0, 1 Ethernet 1/100/1000 Gigabit Network		N/A
		Instant-on Technology and Auto-On/Auto-off Technology	Power Saving Mode Auto Sleep Mode/ Auto-On/Auto-off Technology	Auto Sleep Mode/ Auto-On/Auto-off Technology
		Mobile printing capability e print and air print Direct printing from USB storage device Operational Manuals, drivers, Power & Interface		N/A

B-4	18 PPM Laser Jet Printer (Colour)	Print Speed: 18 PPM (A4) or Higher Resolution: 600 x 600 dpi Memory : 128 MB RAM Processor: 800 MHz 50-sheet multipurpose tray 1,150 sheet input tray2, Monthly duty cycle : 30,000 Connectivity: 1 USB , Ethernet 10/100 Operational Manuals, drivers, Power & Interface cables	Single sheet multipurpose tray	N/A
			Processor: 600 MHz (Minimum)	
B-5	55 PPM LaserJet Printer (B&W)	Print Speed: 55 PPM (A4) or (letter) Resolution: 1200 x 1200 dpi Memory : 1 GB RAM (Minimum) Processor: 800 MHz 5 Trays 4500 Sheets (minimum) Hard Disk 320 GB or above Monthly duty cycle : 300,000 Connectivity: 2 Hi-speed USB 2.0, 1 Ethernet 1/100/1000 Gigabit network Instant-on Technology and Auto-On/Auto-off Technology Mobile printing capability e Print and air print Direct printing from USB storage device Operational Manuals, Power & Interface Cable.	Maximum Paper Size A3 Minimum paper Capacity 3,650 Hard Disk Should be 250 GB Monthly duty cycle 250,000 Mobile printing capability (Built in)	Print Speed: 55-60 PPM (A4) or (letter) Resolution: 1200 x 1200 dpi Memory : 1 GB RAM or higher Processor: 800 MHz or higher 5 Trays 3500 Sheets or above Hard Disk 250 GB or above Monthly duty cycle : 300,000 Connectivity: 2 Hi-speed USB 2.0, 1 Ethernet 1/100/1000 Gigabit network Instant-on Technology and Auto-On/Auto-off Technology Mobile printing capability e Print and air print Direct printing from USB storage device Operational Manuals, Power & Interface Cable
B-6	60 PPM LaserJet Printer (B&W)	Print Speed: 60 PPM (A4) or (letter) Resolution: 1200 x 1200 dpi Memory : 1.0 GB RAM or higher Processor: 1.2 GHz or higher 5 Trays 4500 Sheets (minim) Hard Disk 250 GB or higher Monthly duty cycle : 300,000 Connectivity: 2 Hi-speed USB 2.0, 1 Ethernet 1/100/1000 Gigabit network Instant-on Technology and Auto-On/Auto-off Technology Mobile printing capability e Print and air print Direct printing from USB storage device	Maximum Paper Size A3 Minimum paper Capacity 3,650 Hard Disk Should be 250 GB Monthly duty cycle 250,000 Mobile printing capability (Built in)	Merged with B-5

B-7	65 PPM LaserJet Printer (B&W)	<p>Print Speed: 65 PPM (A4) or Higher Resolution: 1200 x 1200 dpi Memory : 3 GB RAM (Minimum) Processor: Dual Custom Built-in Duplex & ADF Direct Print from USB, Advance Box, Remote User Interface, Mobile Printing Multiple Prints : 1-9999 Paper Capacity in multipurpose trays 4,200 sheets (Standard) or Higher Hard Disk 250 GB or higher Display Screen 10 inch TFT LCD Colour Touch Panel or higher Connectivity: USB 2.0 X 2 (Host), USB 3.0 x 1 (Host), USB 2.0 x 1 (Device) Ethernet 1000Base-T/100Base-TX/10 Base-T, Wi-Fi, USB 2.0, Instant-on Technology and Auto-On/Auto-off Technology,</p>	<p>Power Saving Mode</p> <p>Auto Sleep Mode ON/Auto OFF</p>	<p>Print Speed: 65 PPM to 75 PPM (A4) or Higher Resolution: 1200 x 1200 dpi Memory : 3 GB RAM (Minimum) Processor: Dual Custom Built-in Duplex & ADF Direct Print from USB, Advance Box, Remote User Interface, Mobile Printing Paper Capacity in multipurpose trays 4,000 sheets (Standard) or Higher Hard Disk 250 GB or higher Display Screen 9 inch TFT LCD Colour Touch Panel or higher, Finisher with minimum 4000 sheets Connectivity: USB 2.0 X 2 (Host), USB 3.0 x 1 (Host), USB 2.0 x 1 (Device) Ethernet 1000Base-T/100Base-TX/10 Base-T, Wi-Fi, USB 2.0, Instant-on Tech and Auto-On/Auto-off Tech,</p>
B-8	75 PPM LaserJet Printer (B&W)	<p>Print Speed: 75 PPM (A4) or Higher Resolution: 1200 x 1200 dpi Memory : 3 GB RAM (Minimum) Processor: Dual Custom Built-in Duplex & ADF Direct Print from USB, Advance Box, Remote User Interface, Mobile Printing Paper Capacity in multipurpose trays 4,200 sheets (Standard) or Higher Hard Disk 250 GB or higher Display Screen 10 inch TFT LCD Colour Touch Panel or higher, Finisher with stapler, Connectivity: USB 2.0 X 2 (Host), USB 3.0 x 1 (Host), USB 2.0 x 1 (Device) Ethernet 1000Base-T/100Base-TX/10 Base-T, Wi-Fi, USB 2.0, Instant-on Tech and Auto-On/Auto-off Tech,</p>	<p>Maximum Paper Size A3 Minimum paper Capacity 3,650</p> <p>Display Screen 9 inch TFT LCD Colour Touch Panel or higher</p>	<p>Merged with B-7</p>
		<p>Power Saving Mode</p> <p>Auto Sleep Mode ON/Auto OFF</p>	<p>M/s Sherazi Finisher with output capacity 3500 sheets or higher Optional paper desk 3500 sheets</p>	

B-9	90-100 PPM LaserJet Printer (B&W)	<p>Print Speed: (90-100) PPM (A4) or Higher Resolution: 1200 x 1200 dpi Built-in Duplex & DADF Maximum Original Size : up to A3, A4, A4R, A5R Memory 3GB RAM or higher Input Paper Capacity 4,200 sheets (Standard) or higher Direct Print from USB, Advanced Box, Remote User Interface Printing resolution 1200 x 1200 dpi Display Screen: 10. inch TFT LCD Color Touch panel or higher Hard Disk 250GB or higher Interface: Ethernet 1000Base-T/100Base-TX/10 Base-T, Wi-Fi (Wireless Lan) Others: USB 2.0 x2 (Host), USB 3.0 x1 (Host),USB 2.0 x1 (Device) Finisher with stapler Opr. Manuals, Power & Interface Cable.</p>	<p>Minimum paper Capacity 3,650</p> <p>Display Screen 9 inch TFT LCD Colour Touch Panel or higher</p>	<p>Print Speed: (90-110) PPM (A4) or Higher Resolution: 1200 x 1200 dpi Built-in Duplex & DADF Maximum Original Size : up to A3, A4, A4R, A5R Memory 3GB RAM or higher Input Paper Capacity 4,000 sheets (Standard) or higher Direct Print from USB, Advanced Box, Remote User Interface Printing resolution 1200 x 1200 dpi Display Screen: 9. inch TFT LCD Color Touch panel or higher Hard Disk 250 GB or higher Interface: Ethernet 1000Base-T/100Base-TX/10 Base-T, Wi-Fi (Wireless Lan) Others: USB 2.0 x2 (Host), USB 3.0 x1 (Host),USB 2.0 x1 (Device) Finisher with minimum 4000 sheets Opr. Manuals, Power & Interface Cable.</p>
			<p>Finisher with output capacity 4200 sheets or higher Optional paper desk 3500 sheets</p>	
B-10	120-140 PPM LaserJet Printer (B&W)	<p>Print Speed: (120-140) PPM or higher Print resolution 1200 x 4800 dpi via VCSEL Memory: 2 GB or higher Hard Disk: 500 GB or higher Processor : Intel 1.86 GHz or higher Paper Registration : Sensor and Mech Paper input capacity : 8,000 sheets or higher, Input Trays 7 (minimum) Interface Gigabit Ethernet (1000BASE-T/100BASE-TX/10Base-TX),USB 2.0 Type A x 3/Type B, SD slot Finisher with Stapler required (3000 sheets finisher), Decurl Unit (Standard) Paper Tray Clamp (Standard) Supplied with : operational manual, power and interface cable</p>	<p>Processor : 1.86 GHz or higher</p>	<p>Print Speed: (120-140) PPM or higher Print resolution 1200 x 1200 dpi Memory: 4 GB or higher Hard Disk: 500 GB or higher Processor : 1.86 GHz or higher Paper Registration : Sensor and Mech Paper input capacity : 8,000 sheets or higher, Input Trays 7 (minimum) Interface Gigabit Ethernet (1000BASE-T/100BASE-TX/10Base-TX),USB 2.0 Type A x 3/Type B, SD slot Finisher with minimum 4000 sheets Paper Tray Clamp (Standard) Supplied with : operational manual, power and interface cable</p>
			<p>RAM 4 GB or Higher Processor intel 2.5 Ghz. or higher Finisher with stapler 5000 sheet or higher</p>	

B-11	140-150 PPM LaserJet Printer (B&W)	<p>Print Speed: (140-150) PPM (A4) or Higher, Print resolution 600 x 600 dpi (Or Higher)</p> <p>Memory 4 GB or higher</p> <p>Hard Disk 400 GB or higher</p> <p>Processor : 2.5 GHz or higher</p> <p>Paper input capacity : 8,500 sheets or higher, Interface Gigabit Ethernet (1000BASE-T/100BASE-TX/10Base-TX), USB 2.0, Monthly Duty Cycle: 2.1 Million</p> <p>Paper Sizes: A4, A3 (Or Higher)</p> <p>Print From USB (PCL,PDF,PS,XPS)Adobe PostScript 3, Network Protocol: TCP/IP</p> <p>Languages: PDL , Adobe, PostScript 3</p> <p>Finisher with Stapler</p> <p>Supplied with : operational manual, power and interface cables</p>	<p>Maximum Paper Size A3</p> <p>Minimum paper Capacity 8250</p> <p>Monthly Duty Cycle: 1.0 Million or above</p>	<p>Print Speed: 140 PPM or Higher</p> <p>Image Quality: 1200 x 1200 dpi RIP resolution, Print Resolution: 1200 x 1200 dpi</p> <p>Memory: 8GB or higher</p> <p>Hard Disk: 500GB or higher</p> <p>Processor: 3.0GHz Dual Core or higher</p> <p>Paper input capacity: 8,000 sheets or higher, Ethernet interface: (10/100BaseT; 1 GB) , Monthly Duty Cycle: 150,000 - 2,000,000 images</p> <p>Paper Sizes: A4, A3 (Or Higher)</p> <p>Finisher with minimum 4000 sheets</p> <p>Network Protocol: TCP/IP</p> <p>Languages: TIFF/PCL ® 5e & PCL6/ASCII-standard</p> <p>Adobe® PDF; Adobe PostScript® Level 3; Multi-page TIFF; PPML;</p> <p>LCDS/Metacode; IPDS™ – includes support for QR barcodes, TrueType fonts (UTF-8)</p> <p>Digital Front Ends: Print Server</p>
			<p>Paper input capacity : 8,000 sheets or higher</p> <p>Paper input capacity : 5,000 sheets or higher</p>	<p>Supplied, operational manual, power and interface cables, Optional Finisher</p>

<p>B-12</p>	<p>150 PPM LaserJet Printer (B&W)</p>	<p>Print Speed: 150 PPM or Higher Image Quality: 1200 x 1200 dpi RIP resolution, Print Resolution: 4800 x 600 dpi Memory: 8GB or higher Hard Disk: 500GB or higher Processor: 3.0GHz Dual Core or higher Paper input capacity: 5,800 sheets or higher, Ethernet interface: (10/100BaseT; 1 GB) , Monthly Duty Cycle: 150,000 - 2,000,000 images Paper Sizes: A4, A3 (Or Higher) Output / Stacking Capacity: 3500 Sheets Singles, Network Protocol: TCP/IP Languages: TIFF/PCL @ 5e & PCL6/ASCII-standard Adobe® PDF; Adobe PostScript® Level 3; Multi-page TIFF; PPML; LCDS/Metacode; IPDSTM – includes support for QR barcodes, TrueType fonts (UTF-8) Digital Front Ends: Print Server Supplied, operational manual, power and interface cables, Optional Finisher</p>	<p>RAM 2GB – 8 GB Processor 2.8 Ghz Printing Resolution 1200 X 1200 Hard Disk 250 (minimum) Paper Input Capacity 3000 (minimum) Output Stacking Capacity 2000-5000 sheets</p>	<p>Merged with B-11</p>
<p>B-16</p>	<p>22ppm Laser Jet Printer/ Fax/ Scanner/ Copier Multifunction)</p>	<p>Print Speed : 22 PPM (A4) or above Processor 600 MHz or higher RAM 256 MB Scan: 1200 x 1200 dpi, option Scan to e-mail 150 sheet Input tray Duty cycle 10,000 Copy up to 19 CPM, 35 pages ADF Fax: Res: 300 X 300 dpi forward and backing support, 500 pages memory Connectivity: USB 2.0 ports,10/100/1000 base-T Ethernet Network port, RJ-11 Telephone port. Operational Manuals, Power & Interface Cable.</p>	<p>Processor: 400 MHz or above Fax Memory 250 pages</p>	<p>N/A</p>

B-17	40ppm Laser Jet Printer/ Fax/ Scanner/Copier (Multifunction)	Print Speed : 40 PPM (A4) or above Processor 1200 MHz Memory 256 MB RAM or Higher Scan: 1200 x 1200 dpi, option Scan to e-mail 150 sheet Input tray Copy up to 35 CPM, 30 pages ADF Fax:_Res:300 dpi forward and backing support, 300 pages Connectivity: USB,10/100/1000 base-T Ethernet network port Operational Manuals, Power & Interface Cable.	Fax:_Res:300 dpi forward and backing support, 300 pages (should be removed)	N/A
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UPS

Item	Tender Description	Queries	Clarifications
E-1	650VA UPS With minimum 10 minutes backup on full load Sealed lead battery (1 x 9Ah/v12) Transformer with copper winding Input voltages 220 with tolerance ± 15 % Output 220 Volts and Frequency 50 Hz Built-in Surge and Spike Suppressor low battery Overload Indicators Line Interactive, auto battery and circuit test minimum two Power Outputs Operational Manuals Battery Life: as manufacturer Standard Warranty. In case of battery failure before its defined life, the replacement shall have to be provided by the Vendor on prorated basis	With minimum 5 minutes backup on full load	N/A
E-2	1KVA UPS With minimum 10 minutes backup on full load Sealed lead battery 2 X 7Ah/12V batteries Transformer with copper winding Input voltages 220 with tolerance ± 15 % Output 220 Volts and	With minimum 4 minutes backup on full load	N/A

		<p>Frequency 50 Hz Built-in Surge and Spike Suppressor low battery Overload Indicators Line Interactive, auto battery and circuit test minimum two Power Outputs Operational Manuals. Battery Life: as manufacturer Standard Warranty. In case of battery failure before its defined life, the replacement shall have to be provided by the Vendor on prorated basis</p>		
E-3	<p>3KVA ,6KVA and 10 KVA with Tower and Rack Mountable Casings</p>	<p>True On-Line Double Conversion, Pure Sine Wave Built-in Isolation Transformer with copper winding (In Tower Model) LCD Front Panel Display Microprocessor Controlled Advanced IGBT inverted Technology High Output Power Fact Low Output Voltage Distortion Cold Start Function (start-up without mains power), Built-in RS-232 Communication Port Built-in Redundant Parallel Architecture (RPA) ECO Mode enables automatic energy savings Technical Specifications INPUT: Nominal Input Voltage: 220V Input Frequency: 40 ~ 70 Hz (auto sensing) Input Voltage Tolerance: 172 ~ 285V Input Power Factor: 0.90 <0.99 Bypass: Built-in Manual Maintenance Bypass Built-in Automatic Static Bypass OUTPUT: Output Voltage: 220V Output Power Factor: Minimum 0.8 in Battery mode Output Voltage Regulation: ± 1%</p>	<p>Built-in Isolation Transformer with copper winding (In Tower Model) (Should be removed)</p>	<p>3 KVA, 6 KVA (Tower/ Rack) Mounted 10 KVA (Rack Mounted)</p>

		<p>Output Frequency: 50 / 60 Hz</p> <p>Waveform Type: Pure Sine Wave</p> <p>BATTERIES & RUNTIME:</p> <p>Battery Type: VRLA Sealed Lead Acid Batteries</p> <p>Automatic Battery Test</p> <p>Automatic Battery Calibration Test</p> <p>Backup Time: 10 Minutes at Full Load</p> <p>Battery Life: as manufacturer Standard Warranty. In case of battery failure before its defined life, the replacement shall have to be provided by the Vendor on prorated basis.</p>		
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Clarification for general conditions of Tender Document

Item	Tender Clause	Queries	Clarifications
1	<p>3.3.7 Bid Validity</p> <p>i) The bid shall remain valid for 120 days after the date of opening of technical bid as prescribed by PITC. A bid having validity for a shorter period shall be rejected by PITC as non-responsive.</p>	<p>Validity 90 days</p>	<p>3.3.7 Bid Validity</p> <p>i) The bid shall remain valid for 90 days after the date of opening of technical bid as prescribed by PITC. A bid having validity for a shorter period shall be rejected by PITC as non-responsive.</p>
2	<p>3.3.3 Bid Currency</p> <p>Prices shall be quoted in Pak Rupees</p>	<p>Prices may be quoted in US\$</p>	<p>N/A</p>
3	<p>5.1 Liquidated Damages upon Late Delivery of Supplies without penalty 60 days</p>	<p>8 to 10 week for imported goods</p>	<p>N/A</p>