



भारतीय प्रौद्योगिकी संस्थान तिरुपति

Indian Institute of Technology Tirupati

Venkatagiri Road, Yerpedu Manal, Tirupati District, AP- 517619

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STAGE I EVALUATION APPROVAL

GeM Bid No: GeM/2022/B/2808594 dt: 02.12.2022

Date: 26.04.2023.

Name of Supply: **Supply of Audio Visual Equipment for Meeting Rooms**

Name of the Indentor & Department: **Dr Roshan Karan Srivatsav, Computer Centre.**

The tender has been published in GeM as a GeM BoQ Bid for Supply of Audio Visual Equipment for Meeting Rooms.

We have received 09 responses from the below mentioned bidders before due date & time.

1. M/s. AV Designers, Bangalore
2. M/s. Genesis IT Innovations Pvt Ltd, Bangalore
3. M/s. Global Gadgets, Chennai
4. M/s. Gurusons Communications Pvt Ltd, New Delhi
5. M/s. KS Smart Solutions Pvt Ltd, Chennai
6. M/s. S Cube Consultancy Services, Howrah
7. M/s. SEC Communications Pvt Ltd, Bangalore
8. M/s. Sigmaavit Technology Solutions Pvt Ltd, Bangalore
9. M/s. SVS Technologies, Hyderabad

The Indentor Dr Roshan Karan Srivatsav, Computer Centre along with committee has evaluated the e-bids received from the above bidders and found the below mentioned **four bidders** qualified technically in the Stage-I evaluation i.e pre-qualification evaluation as per clause 11 of the ATC document of GeM bid.

- 1) M/s. Genesis IT Innovations Pvt Ltd, Bangalore
- 2) M/s. Gurusons Communications Pvt Ltd, New Delhi
- 3) M/s. S Cube Consultancy Services, Howrah
- 4) M/s. SEC Communications Pvt Ltd, Bangalore

The clause is reproduced below for your ready reference:

"Stage-I Evaluation (Pre-qualification criteria): In this stage, the received bids will be evaluated as per the eligibility criteria, terms and conditions of the tender. Only the shortlisted bidders in this stage will be informed for a demo of the AV equipment. The shortlisted bidders will have to give a demo of the following equipment at IIT Tirupati Transit Campus, Yerpedu Mandal, Venkatagiri Road, Tirupati District, Andhra Pradesh – 517619 **within 10 days** of the receipt of mail from IIT Tirupati. The bidders are required to bring the following equipment as per the tender document (setup for the board room and senate room):

1. Camera
2. Microphone and speaker system
3. DSP Processor and Mixer as per the tender document
4. Display 75 inch "


The evaluation sheets along with the indenter recommendations are enclosed for your kind perusal & approval please. **[Enclosure-1]**

The Indentor recommends that the following bidders have **not qualified** for the reasons mentioned below

S No	Name of the Bidder	Reasons for disqualification
1	M/s. AV Designers, Bangalore	Not meeting the tender specifications
2	M/s. Global Gadgets, Chennai	Not meeting the annual turnover criteria
3	M/s. KS Smart Solutions Pvt Ltd, Chennai	Not meeting the tender specifications & Site Visit not done as per ATC document clause No.7
4	M/s. SigmaAvit Technology Solutions Pvt Ltd, Bangalore	Not meeting the tender specifications
5	M/s. SVS Technologies, Hyderabad	Not meeting the tender specifications

Submitted for approval for the following:

- The recommendations of the evaluation may be approved please.
- If approved, the recommendations of the Stage-I evaluation report may be published in our website. | b
- Approval may be accorded for communicating the qualified bidders to submit the above mentioned equipment for demo within 10 days of the date of receipt of mail from the purchase section. | c


JS (P&S)

AR (P&S)


① The recommendations of the Stage I evaluation may kindly be Perused and approved Please.

② (b) & (c) may kindly be approved Please.

Submitted for approval Please.

d. 26/04/2023

AR [P&S]


Head, Dept. of Computer Science & Engg.

Approved.

Director


1/5/2023

Sl. No.	Name of the document	M/s. AV DESIGNERS	M/s. GENESIS IT INNOVATIONS	M/s. Global gadgets	M/s. GURUSONS COMMUNICATIONS	M/s. KS SMART SOLUTIONS	M/s. S Cube Consultancy	M/s. SEC COMMUNICATI	M/s. SigmaV IT Solutions	M/s. SVS Technologies
Techno-commercial part										
1	Purchase Preference: (if applicable) Micro and Small Enterprises (MSEs)/ Make in India.		MSME	MSME		Mill				Mill
2	The minimum average annual financial turnover of 98 lakhs during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.	Yes	Yes	Turnover not meeting	Yes	OEM Turnover is there	Yes	Yes	Yes	Yes
3	The bidder should be a Class-I/Class-II Local Supplier meeting minimum 20% local content clause in line with the Public Procurement (Preference to Make in India) Order 2017 No. P-45021/2017-PP (BE-II) dated 04 Jun 2020. A Self-Declaration Certificate regarding "Class-I & Class-II Supplier" is to be submitted.	21%	21%	21%	21%	Class -I Supplier	21%	21%	Clarification asked through GeM	50%
4	Any bidder from a country which shares a land border with India will be eligible to bid in this Bid only if the bidder registered with the competent authority. The concerned bidder(s) are required to attach the relevant valid Registration Certificate along with the bid for consideration.	NA	NA	NA	NA	NA	NA	NA	NA	NA
5	Payment Term: Within 30 days after SITC	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Techno Commercial Recommendations	Qualified	Qualified	Not qualified	Qualified	Partially qualified	Qualified	Qualified	Partially qualified	Qualified
	Technical Recommendations (As per the recommendations of the Committee)	Not qualified technically	Qualified	Not qualified technically	Qualified	Not qualified technically	Qualified	Qualified	Not qualified technically	Not qualified technically
	Final Recommendations	Not qualified	Qualified	Not qualified	Qualified	Not qualified	Qualified	Qualified	Not qualified	Not qualified

Prepared By
JA, Purchase



Summary Table-GEM/2022/B/2808594

S.NO	AV Meeting Rooms/Labs Tender Number: GEM/2022/B/2808594	M/s. AV DESIGNERS		M/s. GENESIS IT INNOVATIONS PRIVATE LIMITED		M/s. Global gadgets		M/s. GURUSONS COMMUNICATIONS PRIVATE LIMITED		M/s. KS SMART SOLUTIONS PRIVATE LIMITED		M/s. S Cube Consultancy Services		M/s. SEC COMMUNICATIONS PRIVATE LIMITED		M/s. Sigmav IT Solutions		M/s. SVS Technologies	
		Complied/ Not complied (Yes / No)	Remarks (in case not complied)	Complied/ Not complied (Yes / No)	Remarks (in case not complied)	Complied/ Not complied (Yes / No)	Remarks (in case not complied)	Complied/ Not complied (Yes / No)	Remarks (in case not complied)	Complied/ Not complied (Yes / No)	Remarks (in case not complied)	Complied/ Not complied (Yes / No)	Remarks (in case not complied)	Complied/ Not complied (Yes / No)	Remarks (in case not complied)	Complied/ Not complied (Yes / No)	Remarks (in case not complied)	Complied/ Not complied (Yes / No)	Remarks (in case not complied)
1		21%		21%		21%		21%		Class-I Supplier		21%		21%		Clarification asked through GeM		50%	
	Purchase-Techno commercial qualify	Yes		Yes		Turnover not meeting		Yes		OEM Turnover is there		Yes		Yes		Yes		Yes	
2	Site Visit	Visited		Visited		Visited		Visited		Not Visited		Visited		Visited		Visited		Visited	
3	Pre-Qualification documents	Yes		Yes		Yes		Yes		Not qualified in S.no 2		Yes		Yes		No	Shortfall of MAF Documents	No	MAF Documents Not Sent
4	Technical Recommendations	Deviation In Technical Qualification	No Mail Response For Technical Evaluation enquiry	Yes	Some minor Deviation Found	Not qualified in S.no 1		Yes		Not qualified in S.no (2 and 3)		Yes		Yes		No	Not qualified in S.no 3	No	Not qualified in S.no 3
5	Stage 1 Evaluation as per the tender norm	Disqualified	Not qualified in S.no (4)	Qualified	In Displays, Switchers and Usb Hubs shortage of Usb and Hdmi ports.,(Converters they are providing). It is found that these are four deviations from the specification in the tender document.However, it is found that these deviations are minor only. Overall, the bidder is found to be technically qualified.	Disqualified	Not qualified in S.no 1	Qualified		Disqualified	Not qualified in S.no (2 and 3)	Qualified		Qualified		Disqualified	Not qualified in S.no 3	Disqualified	Not qualified in S.no 3

G.V.R.M.S. Subhayan
Dr. Subrahmanyam Gorthi
(Member)

Dr. Roshan Karan Srivastav
(Member)

M.N.V. Vinay Prasad
Dr. Vinay Pramod Hajety
(Member)

Dr. G Ramakrishna
(Member)

G. Ramesh
Mr. G Ramesh
(Invited Member)
24/4/2023

Parthajit Mohapatra
24/4/23
G. Parthajit Mohapatra
(Chairman)

Mr. Chaman Mohi
(Convener)

	The proposed displays should be capable of showing digital signage contents like videos, images, text, pdf, that are pushed from a central sever within the IIT network through a web based CMS application. The said functionality shall be achieved using built in media player or with an external signage media player.	Yes		Yes															
		Sony VPL-FW55BZ40H+ DP to HDMI adaptor		LG-55UH7J-H		LH-55QM6VS		LH-55QM6VS		LH-55QM6VS		LH-55QM6VS		LH-55QM6VS					
5	Type 5 : Supply Installation Testing Commissioning of 43 inches Display						Yes	Yes			Yes	Yes							
	43" 4K UHD(3840 X 2160) resolution IPS/VA LED display with 500 C/m2 brightness			Yes	700 nits	This Model is Higher Model than the specifications mentioned in RFP. Brightness of this Model is 500 NITS whereas 500 NITS asked in RFP.	Yes	Yes			Yes	Yes							
	Built in Quad core processor, 2 GB DDR3 RAM, 8 GB Memory			Yes	Built in Quad core processor, 2 GB DDR3 RAM ?	Provided OEM Declaration Letter for the same	Yes	Yes			Yes	Yes							
	with HDR 10, Dolby Audio, Wireless Presentation support for Laptop (Built in Wi-Fi) and Chrome cast, HDMI CEC, with wall mount kit		NO Data sheet	Yes	HDR 10, Dolby audio ?	Provided OEM Declaration Letter for the same	Yes	Yes			Yes	Yes							
	Built-in Bluetooth Ver.4, 20W built, HDMI 2.0 X 2, USB X 2, RJ45 X 1.			Yes	Usb one only ?+ Usb C one have	WE HAVE TWO USB PORTS IN THEM ONE IS TYPE C, BOTH CAN BE USED FOR DATA TRANSFER. WE WILL PROVIDE ADAPTER FOR TYPE C	Yes	Yes			Yes	Yes							
The proposed displays should be capable of showing digital signage contents like videos, images, text, pdf, that are pushed from a central sever within the IIT network through a web based CMS application. The said functionality shall be achieved using built in media player or with an external signage media player.			Yes		Also has Tile mode setting of 15x15	Yes	Yes			Yes	Yes								
		Sony VPL-FW43BZ35J		LG-43UH7J-H		LH-43QM6VS		LH-43QM6VS		LH-43QM6VS		LH-43QM6VS		LH-43QM6VS					
6	Type 6 : Supply Installation Testing Commissioning of 32" Display																		
	32" HD Ready resolution Android LED display with 350 Cd/m2 brightness			Yes	400 Nits	nits value of display is higher than requested	Yes	Yes			Yes	Yes							
	Built in Quad core processor, 1.5 GB DDR3 RAM, 8 GB Memory			Yes	1.5GB DDR 3 Ram, Quad Core Processor ?	Provided OEM Declaration Letter for the same	Yes	Yes			Yes	Yes							
	2K Dolby Audio, HDMI CEC, Built-in Bluetooth Ver.4, 20W built in speakers, with wall mount kit		NO Data sheet	Yes	2K Dolby ?	Provided OEM Declaration Letter for the same	Yes	Yes			Yes	Yes							
HDMI 1.4 x 2, AV X 1, USB 2.0 X 2, RJ45 X 1(Network connectivity only), Headphone Out x 1.			Yes	One Usb only	WILL BE PROVIDED WITH USB ADAPTER	Yes	Yes			Yes	Yes								
		Sony KD-32W830K		LG-32SM5J-B		LH-32AN6ND		LH-32AN6ND		LH-32AN6ND		LH-32AN6ND		LH-32AN6ND					
MOUNTING HARDWARE																			
7	Type 2 : Supply Installation Testing Commissioning of Wall Mount Kit for 85" Display		elconnect EC-SMK-7586																
	Supply Installation Testing Commissioning of Swivel Mount KIT : Heavy duty Swivel Mount kit for Display or Better		No Data sheet	Yes			Yes	Yes			Yes	Yes							
				NT-7DA02B		LGWM-5598SW		LGWM-5598SW		LGWM-5598SW		LGWM-5598SW		LGWM-5598SW					
8	Type 3 : Supply Installation Testing Commissioning of Swivel Mount Kit for 75" Display		elconnect EC-SMK-6575																
	Supply Installation Testing Commissioning of Swivel Mount KIT : Heavy duty Swivel Mount kit for Display or Better		No Data sheet	Yes			Yes	Yes			Yes	Yes							
				NT-7DA12C		LGWM-5586SW		LGWM-5586SW		LGWM-5586SW		LGWM-5586SW		LGWM-5586SW					
SWITCHERS																			
1	Type 1 : Supply Installation Testing Commissioning of 4x4 4K HDR HDMI 2.0 HDCP 2.2 Matrix Switcher with Audio De-embedding		Aten VM0404HB+VC882	Liberty AV - DL-HDM44A-H2		KRAMER - VS-44H2A		KRAMER - VS-44H2A		KRAMER - VS-44H2A		KRAMER - VS-44H2A		KRAMER - VS-44H2A					
	INPUTS	4 HDMI: On female HDMI connectors	Yes	Yes		Yes	Yes			Yes	Yes			Yes	Yes				
	OUTPUTS	4 HDMI: On female HDMI connectors 4 S/PDIF: On female RCA connectors 4 Balanced Stereo Audio: On 5-pin terminal block connectors	No	Only 4 HDMI available	Yes	Yes	Yes	Yes			Yes	Yes			Yes	Yes			
	PORTS	1 USB: On a Mini female connector 1 RS-232: On a 9-pin D-sub connector 1 IR IN: On a 3.5mm mini jack 1 Ethernet: On an RJ-45 female connector	Yes		Yes	Mini USB female connector not available	Mini usb connector available	Yes	Yes		Yes	Yes			Yes	Yes			
	VIDEO	Max. Resolution: 4K@60Hz 4:4:4 Max. Data Rate: 18Gbps (6Gbps per graphic channel) Compliance: Supports HDMI 2.0/1.4, HDCP 2.2/1.4,	Yes		Yes			Yes	Yes		Yes	Yes			Yes	Yes			
	USER INTERFACE	Front Panel: IN and OUT selection buttons Front Panel: OFF, ALL, STO, RCL, EDID, LOCK buttons	Data Not provided		Yes	All options not available	Available buttons are , IN , OUT, OFF, STO, RCL, Edid dip switch type sufficient for functionality	Yes	Yes		Yes	Yes			Yes	Yes			
	ENVIRONMENTAL CONDITIONS	Operating Temperature: 0° to +40°C (32° to 104°F) Storage Temperature: -40° to +70°C (-40° to 158°F) Humidity: 10% to 90%, RHL non-condensing	Yes	Temperature: -20° to +60°C only	Yes	Storage Temperature: -20° to +70°C	sufficant temperature can be maintained in the cooling rack	Yes	Yes		Yes	Yes			Yes	Yes			
	POWER	Source: 100-240V AC, 50/60Hz Consumption: 60VA	Yes		Yes			Yes	Yes		Yes	Yes			Yes	Yes			
	STANDARDS COMPLIANCE	Safety: CE preferred or applicable accrodglingly to country of origin Environmental: RoHS, WEEE preferred or applicable accrodglingly to country of origin	Data Not provided		Yes			Yes	Yes		Yes	Yes			Yes	Yes			
ENCLOSURE	Size: 19" 1U Type: Aluminum Cooling: Fan	Data Not provided		Yes	Cooling fan not available	cooling fan is available in rack	Yes	Yes		Yes	Yes			Yes	Yes				

ACCESSORIES	Included: Power cord, rack ears, remote control transmitter with batteries	Data Not provided		Yes	remote control transmitter with batteries is not there	It comes with remote control and batteries	Yes		Yes			Yes	Yes				
	Analog and Digital Audio Extraction (De-embedding)	Yes	Feature Comes with additional item	Yes			Yes		Yes			Yes	Yes				
	Show my PC over HDMI	Data Not provided		NA			Yes		Yes			Yes	Yes				
	Equalization & reclocking Technology — Rebuilds the digital signal to travel longer distances.	Data Not provided		NA			Yes		Yes			Yes	Yes				
	Flexible Content Protection — Selectable HDCP per input.	Data Not provided		Yes			Yes		Yes			Yes	Yes				
	Quick Access to Common Configurations — Save up to of minimum six preset configurations.	Data Not provided		Data Not provided			Quick Access to Common Configurations -It has 3 preset configurations	Yes		Yes			Yes	Yes			
	Cost-Effective Maintenance — IR and Input Selection indicators facilitate easy local maintenance and troubleshooting	Data Not provided		Yes				Yes		Yes			Yes	Yes			
EDID Management — Individual EDID management per input. Captures and stores the EDID from a display device.	Yes		Yes				Yes		Yes			Yes	Yes				

2 VS-411XS	Type 1 : Supply Installation Testing Commissioning of 4x1 4K HDR HDMI Intelligent Auto Switcher		Aten VS481C+VC882	Liberty AV - DL-S41-H2		KRAMER - VS - 411XS	KRAMER - VS - 411XS		KRAMER - VS - 411XS	KRAMER - VS - 411XS							
	INPUTS	4 HDMI: On a female HDMI connector	Yes	Yes		Yes	Yes		Yes	Yes							
	OUTPUTS	1 HDMI: On a female HDMI connector	Yes	Yes			Yes	Yes		Yes	Yes						
	PORTS	1 Balanced Stereo Audio: On 5-pin terminal block connector	No	Data Not provided	Yes	PCM 2.0, 3.5mm TRS audio jack	Yes	Yes		Yes	Yes						
		RS-232: On a 3-pin terminal block connector	Yes		Yes		Yes	Yes		Yes	Yes						
	VIDEO	Remote Contact Closure: On an 8-pin terminal block connector	Data Not provided		Yes	4 pin	Yes	Yes		Yes	Yes						
		Ethernet: On an RJ-45 connector	No	Data Not provided	No		Giving a serial port to RJ45 connector along with supply	Yes	Yes	Yes	Yes						
		Max Data Rate: 17.82GBPS (5.94Gbps per graphic channel)	Yes		Yes			Yes	Yes	Yes	Yes						
		Max Resolution: 4K@60 (4:4:4)	Yes		Yes			Yes	Yes	Yes	Yes						
	POWER	Compliance: HDR10 as specified in HDMI 2.0, HDCP 2.2	Yes		Yes			Yes	Yes	Yes	Yes						
		Source: 5V DC, 4A Consumption: 810mA	Yes No	5W	Yes No	5W		Yes Yes	Yes Yes	Yes Yes	Yes Yes						
	USER INTERFACE	Controls: Inputs selection, volume, and mute buttons, DIP-switches for configuring switching policy and audio de-embedding source, embedded web pages via IP	Data Not provided		Yes	Facility not Fully there	It is controlled through touch panel through webpages via IP	Yes	Yes		Yes	Yes					
	Remote Device Control	Control meeting and presentation devices connected	Data Not provided		Yes			Yes	Yes		Yes	Yes					
	Multi-channel Audio Switching	Up to 32 channels of digital stereo uncompressed signals for supporting studio-grade surround sound.	Data Not provided		Data Not provided		it supports multi channel stereo signal	Yes	Yes		Yes	Yes					
	Display Operation	Automatically turning ON/OFF a CEC-enabled display when the presentation source is plugged in / unplugged with user-defined shut-down delay.	Data Not provided	Only automatically turning ON/OFF is available	Data Not provided		Supports CEC pass through control of source / display	Yes	Yes		Yes	Yes					
	ENCLOSURE	Type: Aluminum	No	Metal	Yes			Yes	Yes		Yes	Yes					
		Cooling: Convection ventilation	No	Data Not provided	No	Facility not there	Conventional ventilation is available in rack.	Yes	Yes		Yes	Yes					
Operating Temperature: 0° to +40°C (32° to 104°F)		Yes		Yes			Yes	Yes		Yes	Yes						
ENVIRONMENTAL CONDITIONS	Storage Temperature: -40° to +70°C (-40° to 158°F)	Yes		Yes			Yes	Yes		Yes	Yes						
	Humidity: 10% to 90%, RHL non-condensing	Yes		Yes			Yes	Yes		Yes	Yes						
REGULATORY COMPLIANCE (STANDARDS COMPLIANCE)	Health, Safety, Environmental: RoHS, WEEE, CE preferred or applicable accrodngly to country of origin	No	Data Not provided	Yes			Yes	Yes		Yes	Yes						

USB Hub

3 USBHUB-1	Type 1 : Supply Installation Testing Commissioning of USB Hub		Aten US3344AT-1	Liberty AV - DL-SCU33-SW		Quoted - Liberty AV - DL-4USB-PHUB is EDL. Quoted a higher model of Liberty AV - DL-SCU33-SW without any change on commercials.	Cler one Versa Hub	Cler one Versa Hub		Cler one Versa Hub	Cler one Versa Hub						
	Ports:	1x USB 3.0 (Type-B) for laptop (Requires Display Link driver on laptop) 2x USB 3.0 (Type-A) for USB camera & USB Speakerphone 4x USB 2.0 ports 1x HDMI out 1x DVI out	No	HDMI out & DVI out not available	Yes	HDMI and DVI, USB 2.0 ?	It has 3 Inputs with (USB-C & HDMI & USB-B) then requested is only 2.... Periphal of 4 is avilable as requested...HDMI to DVI connector is provided during the supply.	Yes	Yes		Yes	Yes					
	SYSTEM REQUIREMENTS	2.0 GHz Core2 Duo or better, 1GB RAM Full-Screen Video Playback: Core i3 i5 or i7 2+GHz, 4GB RAM Operating System: Windows Vista/7/8/8.1/10, Mac OS 10.2 or above Max Resolution: 2048 x 1152	No	Data Not provided	Yes		4K is also available and compatable with all OS.	Yes	Yes		Yes	Yes					

	ENVIRONMENTAL	Operating Temperature: 32° F/0° C to 104° F/40° C ambient temperature Storage Temperature: 14° F/-10° C to 158° F/70° C ambient temperature Relative Humidity: 10%~90%, non-condensing	Yes		NA		Yes		Yes			Yes		Yes				
	POWER	Power Supply: 12V 2A Power Plug: UK/EU/US/China/Australia (option) Power Consumption: 1W Rated Voltage/Frequency/Current: 100-240 V AC, 50/60Hz, 0.1A max, CLASS II	No	Data Not provided	Yes		Yes		Yes			Yes		Yes				
4	Type 1 : Supply Installation Testing Commissioning of USB Hub		Aten US234		Liberty AV - DL-SCU33-SW		Quoted -Liberty AV - DL-7USB-PHUB is EOL.Quoted a higher model of Liberty AV - DL-SCU33-SW without any change on commercials.		Aten US234		Aten US234		Aten US234		Aten US234			
	Ports:	2 x USB Type B Female (Requires Display Link driver on laptop) 3 x USB Type A Female for USB camera & USB Speakerphone 1 x USB micro B Female (Power Optional)	Yes		Partial	1 USB Type-B & 1 x USB micro B Female (Power Optional) is not available	Without display link driver also it works.	Yes		Yes		Yes		Yes		Yes		
	TOGGLE :	can switch them between two hosts	Yes		NA		Switching between host is possible.	Yes		Yes		Yes		Yes		Yes		
	SYSTEM REQUIREMENTS	supporting data transfer rates of up to 5 Gbps Operating System: Windows, Linux and Mac or above Max Resolution: 2048 x 1152	Yes		Yes	Resolution not mentioned	4K is also avilbe and compatable with Windows, Linux and Mac	Yes		Yes		Yes		Yes		Yes		
	ENVIRONMENTAL	Operating Temperature: 0 - 40°C, Storage Temperature: -20 - 60°C, Humidity: 0 - 80% RH, Non-condensing	Yes		Yes			Yes		Yes		Yes		Yes		Yes		
Cable Cubby																		
5	Type 1 : Supply Installation Testing Commissioning of Cable Cubby		eisconnect ECC02		NT-9CAX02				EIS-ECC02		EIS-ECC02		EIS-ECC02		EIS-ECC02			
	Interface	Cable Cubby with 2 Universal Power Socket with 2 LAN,1 HDMI Pass Through with sliding Lid.		Datasheet not provided	Yes	DataSheet Not Provided	Attached Data sheet	Yes		Yes		Yes		Yes		Yes		
CAMERA																		
1	Type 1 : Supply Installation Testing Commissioning of 12X Camera																	
	Parameter	1/2.8 inch CMOS Effective Pixel: 2.07M f4.4mm - 88.5mm, f1.8 - f2.8 Optical Zoom: 12x Focus Mode: Auto Focus Minimal Illumination: 0.5 lux @ (f1.8, AGC ON) Shutter: 1/30s - 1/10000s White Balance: Auto, Indoor, Outdoor, One Push, Manual Backlight Compensation: Supported Horizontal Angle of View: 60.7° - 3.36° Vertical Angle of View: 34.1° - 1.89° Horizontal Rotation Range: ±170° Vertical Rotation Range: -30° - +90° Pan Speed Range: 1.7° - 100°/S Tilt Speed Range: 1.7° - 69.9°/S H & V FLIP: Supported Image Expression Support	Yes	1/2.7"	Yes	1.Presets ? 2. Shutter speed	Number of Presets : 100 per camera Shutter speed: 1/30s to 1/16000s @ 60 Hz :Whole premises can be covered within the given Presets	Yes		Yes		Yes		Yes		Yes		
	Interfaces	HD Output: 1 x HDMI: Version 1.3 Network Interface: 1 x RJ45: 10M/100M Ethernet Interface Audio Interface: 1-Ch 3.5mm Audio Interface, Line In / Mic In USB: 1 x USB 3.0: type B female jack, 1 x USB 2.0: type A female Jack Communication: 1 x RS232 In,out: 8-Pin Min din,Protocols: VISCA/Pelco-D/Pelco-P	Yes	Usb One only	Yes	1.Check Two usb ? 2. Usb Connectivity without software ?	USB 2.0 Type -C Available, Panasonic Camera which has multiple base band outputs Like HDMI, 3G-SDI and USB. Main usage of USB to connect Cloud VC which is possible with 1 no of USB port. For recording it gives uncompressed output via HDMI and 3G-SDI.	Yes		Yes		Yes		Yes		Yes		
USB Features	Operating Systems: Windows 7 or above, MacOS X, Linux • Color System: YUY2/MJPEG/H.264 • Video Formats: USB 3.0, 2.0 • USB Video Communication: UVC 1.1 • UVC PTZ: Supported	Yes		Yes			Yes		Yes		Yes		Yes		Yes			

		Lenovo-M805 Desktop + 522e 21.5" Monitor	Lenovo- M70T Gen3 + K & H	Dell Optiplex 5000 Tower	Dell Optiplex 5000 Tower	Dell Optiplex 5000 Tower	Dell Optiplex 5000 Tower						
MICROPHONE													
1	HNDHLD-MIC	Type 1 : Supply Installation Testing Commissioning of Handheld Microphone	Yes		YES	YES	YES	YES					
		Microphone with half-rack receiver in a full-metal housing with intuitive OLED display for full control	Yes	Yes	LCD	YES	LCD	YES	Lcd display				
		Up to 42 MHz bandwidth with 1680 selectable depending on country regulations frequencies	Yes	Yes		YES		YES					
		Fully tunable in a stable UHF range with control software included for advanced frequency	Yes	Yes		YES		YES					
		High RF output power 30 mW, a with Squelch 5 to 25 dBµV in steps of 2 dB	Yes	Yes		YES		YES					
		Frequency response 40 to 20,000 Hz ,Dynamic range 126 dB(A) ,Pick-up pattern cardioid/super cardioid	NO	15khz	Yes	YES		YES					
2	TABL-MIC	Type 2 : Supply Installation Testing Commissioning of Boundary Microphone	Yes	ATW-R2100b	Shure- MX393/C	Yes	evolution wireless G4	Yes	evolution wireless G4	Yes	evolution wireless G4	Yes	evolution wireless G4
		Microphone with half-rack receiver in a full-metal housing with intuitive OLED display for full control	Yes		On/Off Button	Yes		Yes		Yes		Yes	
		Transducer: pre-polarized condenser microphone, Pick-up pattern: cardioid, Frequency response: 40 Hz-20 kHz	Yes		50hz-17khz	Yes		Yes		Yes		Yes	
		Sensitivity: 10 mV/Pa, Dynamic range:111 dB (A),Maximum sound pressure level:140 dB	Yes		Yes	Yes		Yes		Yes		Yes	
		Current consumption: 1.5 mA,	Yes		Yes	Yes		Yes		Yes		Yes	
				U891RCb		SpeechLine Wired MEB 114 (-S)		SpeechLine Wired		SpeechLine Wired MEB 114 (-S)		SpeechLine Wired MEB 114 (-S)	
SPEAKERS													
3	SF-SPKR30	Type 1 : Supply Installation Testing Commissioning of Wall Mount Speakers	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
		HF Transducer: Minimum 1" dome tweeter, LF Transducer	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Minimum 6.5" woofer, Minimum 1.5" voice coil, Frequency Range: 60 Hz - 20k Hz.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Rated Noise Power: Minimum 30 W, Broadband Sensitivity: >86dB,	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Coverage Angle: Minimum 130° conical Or 130 H X 110 V Or Better ,	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Max Peak SPL: >107dB, Rated Impedance: 8 Ohms.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Mounting Hardware: Yoke Mount for horizontal and vertical installation	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
DSP													
4	DSP1/O16	Type 1 : Supply Installation Testing Commissioning of DSP	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
		24 Channel Audio & Control processor with with minimum 16 mic/line inputs & 8 line level audio outputs, minimum 16 channels of AEC, 16x16 GPIO ports.	NO	12 Input	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		The processor should support pots of analog technology, USB audio and VOIP, License to enable touch screen controller features in the processor	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		It should be perpetual and have capability to connect any number of touch screen controllers including IOS/windows based touch screens.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		And License to enable control feature in Processor to support control of room equipment via Ethernet/ RS232/ IR/ GPIO Or better	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
AMPLIFIER													
5	AMP2X60	Type 1: Supply Installation Testing Commissioning of Amplifier	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
		2 Channel Class D amplifier with Minimum 60 Watts Dynamic Power per Channel at 8/ 4 Ohms, both channels driven.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Bridge Mode Power Minimum 200 watts into low impedance & up to 250 watts into 70V or 100V	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Frequency Response: 20 Hz - 20 kHz). Front Panel Power, Signal & Clip LED,	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Maximum Input Level +24 dBu, Input Sensitivity +4 dBu, Maximum Voltage Gain >24 dB.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Rack Mountable 1U Enclosure, Mounting Brackets to be included or better	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
USB Speaker phone													
6	USBSPKPH	Type 1 : Supply Installation Testing Commissioning of USB Speaker phone	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
		AUDIO	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
		Speaker Bandwidth: 190 Hz - 20 kHz Max output level: 85 dB SPL @ 1 meter Microphone Bandwidth: 100 Hz - 12 kHz Full-Duplex Acoustic Echo Cancellation (AEC) Noise Cancellation (NC) Automatic Level Control (ALC)											
		COMPATIBILITY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
		INTERFACE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
		CONTROLS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
		POWER	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
ENVIRONMENTAL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes			
CONTROL													
		UBT 800 PRO	YAMAHA Y VC-200	CHATAttach™ 150 USB	CHATAttach™ 150 USB	CHATAttach™ 150 USB	CHATAttach™ 150 USB						

Cable ID	Type 1 : Supply Installation Testing Commissioning of HDMI 10'		Aten 2L-7D03H		NT-1BC03-10		Kramer - C-HM/HM-10		Kramer - C-HM/HM-10		Kramer - C-HM/HM-10		Kramer - C-HM/HM-10	
	TYPE	High Speed and Standard Speed HDMI cables	Yes		Yes		Yes		Yes		Yes		Yes	
1 CAB-HD-10	MAX. RESOLUTION	4K@60Hz (4:4:4)	Yes		Yes		Yes		Yes		Yes		Yes	
	CONDUCTOR AWG	28 AWG (7/0.127)	Yes		Yes		Yes		Yes		Yes		Yes	
	SHIELD	Dual overall shield against EMI/RFI interference, (a) Al-Mylar, (b) tinned copper	No	Aluminium foil	No	Armoring and copper only	Yes	Triple shielding	Yes		Yes		Yes	
	CABLE OD (MM)	3-35ft: 8 ± 0.19mm or better	No	6 ± 0.2mm	No	6.2 mm	No	6.50 ± 0.15mm	Yes		Yes		Yes	
	MOLDED CONNECTORS	Yes	Data Not provided		Yes		It is a Patch Cable with Moulded Connector		Yes		Yes		Yes	
	GOLD-PLATED CONNECTORS	Yes		Zinc alloy	Yes		Yes		Yes		Yes		Yes	
	STANDARDS COMPLIANCE	HDR, HDCP	Yes		Yes	HDCP	Yes		Yes		Yes		Yes	
FLAME TEST	CL2 preferred or applicable according to country of origin	Yes	UL VW-1 (Flame rate), CSA	Data not provided		Yes	CL3	Yes		Yes		Yes		
2 CAB-HD-25	Type 2 : Supply Installation Testing Commissioning of HDMI 25'		Aten VE781010		NT-1BC03-7.5		Kramer - C-HM/HM/PRO-25		Kramer - C-HM/HM/PRO-25		Kramer - C-HM/HM/PRO-25		Kramer - C-HM/HM/PRO-25	
	TYPE	High Speed and Standard Speed HDMI cables	Yes		Yes		Yes		Yes		Yes		Yes	
	MAX. RESOLUTION	4K@60Hz (4:4:4)	Yes		Yes		Yes		Yes		Yes		Yes	
	CONDUCTOR AWG	28 AWG (7/0.127)	Data Not provided		No	24 awg	Yes		Yes		Yes		Yes	
	SHIELD	Dual overall shield against EMI/RFI interference, (a) Al-Mylar, (b) tinned copper	Yes		No	Armoring and copper only	Yes	Triple shielding	Yes		Yes		Yes	
	MOLDED CONNECTORS	Yes	Data Not provided		Yes		It is a Patch Cable with Moulded Connector		Yes		Yes		Yes	
	GOLD-PLATED CONNECTORS	Yes	No	Zinc alloy	Yes		Yes		Yes		Yes		Yes	
STANDARDS COMPLIANCE	HDR, HDCP	Yes		Yes		Yes		Yes		Yes		Yes		
FLAME TEST	CL2	Data Not provided		Data not provided		Yes	CL3	Yes		Yes		Yes		
3 CAB-HD-50	Type 3 : Supply Installation Testing Commissioning of HDMI 50'		Aten VE781020		NT-1BC03-15		Kramer - CA-HM-50		Kramer - CA-HM-50		Kramer - CA-HM-50		Kramer - CA-HM-50	
	TYPE	Premium / High-Speed HDMI Cable with Ethernet	No	Ethernet facility not available	Yes		Yes		Yes		Yes		Yes	
	MAX. RESOLUTION	Max Data Rate for 50ft (15.2m) lengths: 4.95Gbps (.99Gbps per channel)	Yes		Yes		Yes		Yes		Yes		Yes	
	CONDUCTOR AWG	50ft (15.2m) lengths: 24AWG (7/0.20)	Data not provided		Yes		Yes		Yes		Yes		Yes	
	AUDIO	Supported Audio Formats: Dolby Digital Plus™, Dolby TrueHD™, DTS-HD Master Audio™, DVD Audio, SA-CD	Yes		Yes	Mentioned only audio	Yes		Yes		Yes		Yes	
	PHYSICAL	HDMI Source: On a male HDMI type A, 24K gold-plated Lock connector HDMI Display: On a male HDMI type A, 24K gold-plated Lock connector	Data not provided		Yes		Yes		Yes		Yes		Yes	
	JACKET	Material: PVC Color: Black Diameter for 8 ± 0.19mm	No	Dia : 4.5 mm	Yes	OD:10mm	No-OD:10mm	Yes		Yes		Yes		Yes
	MECHANICAL	Cable Bending Radius for 80mm or better	No	20mm	No	60mm	Yes		Yes		Yes		Yes	
	ELECTRICAL	Temperature Rating: 80°C Voltage Rating: 30V Conductor Resistance – 24AWG: 63.2Ω/km MAX. at 20Ω or better	No	Temperature : 50°C and other data not provided	Data not provided		Data not provided	Yes		Yes		Yes		Yes
	Specification	high-speed, high-performance digital video and audio with impeccable impedance stability, low skew, high signal integrity, and noise immunity	Data not provided		Data not provided		Data not provided	Yes		Yes		Yes		Yes
	MOLDED CONNECTORS	Yes	Data not provided		Yes		Yes		Yes		Yes		Yes	
GOLD-PLATED CONNECTORS	Yes	No	Zinc alloy	Yes		Yes		Yes		Yes		Yes		
STANDARDS COMPLIANCE	Safety: Flammability Rating – CL3/FT4 preferred or applicable according to country of origin Environmental: RoHS 2011/65/ EU preferred or applicable according to country of origin	Yes	Safety: Flammability Rating – CL3/FT4 preferred is not there	Data not provided		Data not provided	Yes		Yes		Yes		Yes	
4 CAB-HD-98	Type 5 : Supply Installation Testing Commissioning of HDMI 98'		Aten VE781020		NT-1BC03-15		Kramer - CA-HM-50		Kramer - CA-HM-50		Kramer - CA-HM-50		Kramer - CA-HM-50	
	VIDEO	Max Data Rate for 82-98ft (25-30m) length: 10.2 Gbps (3.4Gbps per channel) HDMI Compliance: HDCP 2.2, HDR, EDID and CEC	Yes		Yes		Yes		Yes		Yes		Yes	
	AUDIO	Max Resolution for 98ft (30m) length: 1080p@60Hz 12-Bit	Yes		Yes		Yes		Yes		Yes		Yes	
	PHYSICAL	Supported Formats: Dolby Digital Plus, Dolby TrueHD, DTS-HD Master Audio™, DVD Audio, SA-CD	Yes		Yes		Yes		Yes		Yes		Yes	
	CONDUCTORS	HDMI Source: On a male type A, 24K gold-plated K-Lock connector HDMI Display: On a male Type A, 24K gold-plated K-Lock connector (optional external power input via micro USB connector)	Yes		Yes		Yes		Yes		Yes		Yes	
	SCREENING	66-98ft (20-30m) lengths: 24AWG TMDS pairs: Aluminum/mylar Overall: Aluminum/mylar + aluminum braid	Yes		Yes		Yes		Yes		Yes		Yes	
	JACKET	Material: PVC Color: Black Diameter - 66-98ft (20-30m) lengths: 9.5±0.25mm	Yes	Datasheet not provided	TPU Material	Datasheet not provided	Available attached datasheet for reference	Yes		Yes		Yes		Yes

	MECHANICAL	Cable Bending radius - 66-98ft (20-30m) lengths: 47.5mm or better		Yes			Yes		Yes				Yes		Yes							
	ELECTRICAL	Power Consumption: Up to 90mA / 1mA (standby mode) Temperature Rating: 80°C or better Voltage Rating: 30V or better Conductor Resistance - 24AWG: 381 Ω/km or better		Yes			Yes		Yes				Yes		Yes							
	UL Listed	CL3/FT4 rated preferred or applicable accrodgngly to country of origin for in-wall installations		Yes			Yes		Yes				Yes		Yes							
	REGULATORY	Electrical: UL listed, CL3/FT4 preferred or applicable accrodgngly to country of origin Environmental: RoHS 2011/65/EU preferred or applicable accrodgngly to country of origin		Yes			Yes		Yes				Yes		Yes							
	Aten VE781030			NT 1BC22-30m			kramer CLS-AOCH/60F		kramer CLS-AOCH/60F			kramer CLS-AOCH/60F		kramer CLS-AOCH/60F								
5	Type 6 : Supply Installation Testing Commissioning of USB																					
	TYPE: USB 2.0 High speed			Yes			Yes		Yes				Yes		Yes							
	MAX. DATA RATE: 480Mbps			Yes			Yes		Yes				Yes		Yes							
	CONNECTOR A: USB type-A male			Yes			Yes		Yes				Yes		Yes							
	CONNECTOR B: USB type-B male			Yes			Yes		Yes				Yes		Yes							
	CONNECTOR PLATING: Nickel			NA			NA		NA				NA		NA							
	CONDUCTORS: 3-6ft: 28AWG			Yes			Yes		Yes				Yes		Yes							
	OVERALL SHEATH DIAMETER: 3-6ft: 3.5mm or better			Yes			Yes		Yes				Yes		Yes							
OUTER SHEATH COLOR: Gray			Yes			Yes		Yes				Yes		Yes								
STANDARDS: 2011/65/EU preferred or applicable accrodgngly to			NA			NA		NA				NA		NA								
	eisconnect EC-Pro2- 2USB-AB-1.8M			NT 1BH06 -1.6m			C-USB/AB		C-USB/AB			C-USB/AB		C-USB/AB								
6	Type 6 : Supply Installation Testing Commissioning of USB 10mtrs																					
	TYPE: USB 3.0 High speed			Yes			Yes		Yes				Yes		Yes							
	MAX. DATA RATE: 5000 Mbps			Yes			Yes		Yes				Yes		Yes							
	CONNECTOR A: USB type-A male			Yes			Yes		Yes				Yes		Yes							
	CONNECTOR B: USB type-A female			Yes			Yes		Yes				Yes		Yes							
	CONNECTOR PLATING: Nickel			NA			NA		NA				NA		NA							
	CONDUCTORS: 3-6ft: 28AWG			Yes			Yes		Yes				Yes		Yes							
	OVERALL SHEATH DIAMETER: 3-6ft: 3.5mm or better			Yes			Yes		Yes				Yes		Yes							
STANDARDS: 2011/65/EU preferred or applicable accrodgngly to country of origin			NA			NA		NA				NA		NA								
7	Type 6 : Supply Installation Testing Commissioning of USB 30mtrs																					
	TYPE: USB 3.0 High speed			Yes			Yes		Yes				Yes		Yes							
	MAX. DATA RATE: 5000 Mbps			Yes			Yes		Yes				Yes		Yes							
	CONNECTOR A: USB type-A male			Yes			Yes		Yes				Yes		Yes							
	CONNECTOR B: USB type-A female			Yes			Yes		Yes				Yes		Yes							
	CONNECTOR PLATING: Nickel			NA			NA		NA				NA		NA							
	CONDUCTORS: 3-6ft: 28AWG			Yes			Yes		Yes				Yes		Yes							
	OVERALL SHEATH DIAMETER: 3-6ft: 3.5mm or better			Yes			Yes		Yes				Yes		Yes							
STANDARDS: 2011/65/EU preferred or applicable accrodgngly to country of origin			NA			NA		NA				NA		NA								
8	Type 1 : Supply Installation Testing Commissioning of 12U AV Rack		Yes																			
	Presentation		19 "Equipment Rack 12U Floor Mount Made of Metal housing of all Rack equipments	Yes			Yes		Yes				Yes		Yes							
	Dimensions		Height (mm) 638 Width (mm) 400 Depth (mm) 400, Front lockable glass door, (230V A/C 90 CFM),	Yes			Yes		Yes				Yes		Yes							
	Cable Fan			Yes			Yes		Yes				Yes		Yes							
	Height (mm)		600	Yes			Yes		Yes				Yes		Yes							
	Width (mm)		600	Yes			Yes		Yes				Yes		Yes							
	Depth (mm)		600	Yes			Yes		Yes				Yes		Yes							
	Approx.Net Wt (kg)		120	Yes			Yes		Yes				Yes		Yes							
	Enclosure		Cable Manager, 2 Heavy Duty Stationary Shelf, 1 Mounting Hardwar kit, Earthing Strips, 2 Castor Wheels (with Brake) 2 Castor Wheels (without Brake), Main Panel with Spike Buster, Power Distribution Unit , including all internalwiring/ interconnection as required.	Yes			Yes		Yes				Yes		Yes							
	DRAIN WIRE:		20AWG (10/30) tinned copper (in contact with shield).	Yes			Yes		Yes				Yes		Yes							
	SHIELD:		Aluminum Mylar foil 25% overlap rate.	Yes			Yes		Yes				Yes		Yes							
	OUTER JACKET COLOR:		Dark gray with blue lettering.	Yes			Yes		Yes				Yes		Yes							
	CONDUCTOR:		0.916mm (0.036in).	Yes			Yes		Yes				Yes		Yes							
	PVC INSULATION:		0.44mm (0.071in) nominal thickness, 1.8mm diameter.	Yes			Yes		Yes				Yes		Yes							
	OUTER JACKET:		5.4mm (0.213in).	Yes			Yes		Yes				Yes		Yes							
	IMPEDANCE:		40 to 100Ω.	Yes			Yes		Yes				Yes		Yes							
	DC RESISTANCE:		34.6Ω/km (10.5Ω/1000ft).	Yes			Yes		Yes				Yes		Yes							
	MUTUAL CAPACITANCE CONDUCTOR-CONDUCTOR:		89pF/m (27pF/ft).	Yes			Yes		Yes				Yes		Yes							
	MUTUAL CAPACITANCE CONNECTED TO SHIELD:		161pF/m (49pF/ft).	Yes			Yes		Yes				Yes		Yes							
	TEMPERATURE:		-20° to 75°C (-4° to 167°F).	Yes			Yes		Yes				Yes		Yes							
UL:		CL-2.	Yes			Yes		Yes				Yes		Yes								
CSA:		C(UL) FT4.	Yes			Yes		Yes				Yes		Yes								
ROHS:		In compliance with European directive 2002/95/IEC.																				
	Netrack FM-12U 600x600			NT 6A*9A			NETRACK FM12u 600*600		NETRACK FM12u 600*600			NETRACK FM12u 600*600		NETRACK FM12u 600*600								
	No Mail Response For Technical Evaluation enquiry			Qualified			Techno commercial not qualified		Qualified			Site Visit Not Done-Disqualified		Qualified			Qualified		Shortfall of MAF Documetns		MAF Documetns Not Sent	

Spares and service availability: Minimum 5 Years should be provided

Technical Compliance Statement																			
2																			
3	The bidder should be OEM or OEM authorized Dealers / Channel partners / Distributors of reputed brand having authorization for sales and after sales support. Valid OEM authorization letter is required to participate in this tender.	Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes	
4	The Bidder or its OEM (themselves or through reseller(s)) should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for 3 years before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the primary product having highest value should meet this criterion.	Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes	
5	Warranty: 3 Years warranty from the date of installation at our site.	Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes	
6	Complying with Delivery period : 75 days (Yes / No)			Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes	
7	Technical Recommendations (Qualified / Not Qualified)	Not Qualified	No Mail Response For Technical Evaluation enquiry	Qualified		Not Qualified		Qualified		Not Qualified		Qualified		Qualified		Qualified		Not Qualified	Not Qualified
8	If not qualified, please specify the detailed reasons for disqualification	No Mail Response For Technical Evaluation enquiry	Qualified			Techno commercial Not qualified				Site Visit Not Done-Disqualified							Shortfall of MAF Documents	MAF Documents Not Sent	
9	I certified that the qualification criteria and technical specifications were not unduly restrictive																		
Evaluated by: G. RAMESH - CC - SYSTEMS																			

G. Ramesh

INDENTER: 