

# **Bid Evaluation Report of Technical Proposals FOR PROCUREMENT OF I.T. Equipment**



**MEHRAN UNIVERSITY OF ENGINEERING AND  
TECHNOLOGY, JAMSHORO.**

**ISO-9001 : 2000 CERTIFIED**

## EVALUATION CRITERIA AS MENTIONED IN THE NIT FOR PROCUREMENT OF I.T. EQUIPMENT

S.#	REQUIREMENT	IDEAL DISTRIBUTION	NEW HORIZON	ABM DATA	GEMCO	
1	Manufacturers, their agents, authorized dealers those who are having “MAL” (Manufacturer’s Authorization Letter) addressed to the name of Mehran university of Engineering & Technology are eligible to participate in the Bidding. MAL is compulsorily required to ensure “after-sale-support” from Manufacturer and assurance of supply of genuine material.	YES	YES	YES	YES	
2	Bidders who are active in Business since last 10 years or more are eligible to participate in the tendering process. Their existence in the business will be assessed from the Registration Certificates issued by FBR.	YES	YES	YES	YES	
3	Bidders Name & Address will be verified from “Tax Facilitation Portal profile from FBR Website”. Bidders are required to submit a printed copy of their “Tax Facilitation Portal profile” from FBR’s website. The Bidder’s address should be same as mentioned on FBR’s “Tax Facilitation Portal profile”. The Procurement Committee may/can physically verify Bidder’s office address by visiting their offices	YES	YES	YES	NO	
4	Bidders should be registered firms and shall provide NTN Certificate, GST Certificate, SRB Certificate, SECP Certificate, CHAMBER Certificate, Labour Department Registration Certificate.					
	1	NTN Certificate	YES	YES	YES	YES
	2	GST Certificate	YES	YES	YES	YES
	3	SRB – Certificate	YES	YES	YES	NO
	4	SECP Certificate	NO	NO	NO	NO
	5	Chamber of Commerce Certificate	YES	YES	YES	Expired.

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## EVALUATION CRITERIA AS MENTIONED IN THE NIT FOR PROCUREMENT OF I.T. EQUIPMENT

S.#	REQUIREMENT	IDEAL DISTRIBUTION	NEW HORIZON	ABM DATA	GEMCO
	Bidder should have successfully completed minimum 5 projects in last five years of such type and the sum of each project should be equal or greater value than 10Million or sum of all projects should be equal or greater than 50 Million	YES	YES	YES	NO DETAILS
	Bidders should have qualified, skilled and trained staff. The bidding firm should provide details of their qualified staff. The Procurement Committee may/can physically verify Bidder's office address by visiting its office	YES	YES	YES	NO DETAILS
	Material is offered in conformity to the tender	SEE DETAILS ON NEXT PAGE			

## Section IV. Schedule of Requirements

Mehran University of Engineering & Technology Jamshoro

### BILL OF QUANTITIES(B.O.Q.)

Providing /Installing International Branded Desktop Computers

S.No.	Item	IDL	NEW HORIZON	ABM	GEMCO
1.	<b>Intel Core i7 Processor 3.40 GHz/Higher 4<sup>th</sup> Generation,</b> Latest Intel Q85 Chipset Motherboard, 8GB DDR3 1600MHz Memory, 1000 GB HDD SATA 7200RPM Super Multi DVDRW, Integrated-Graphics Card+ second External 1GB Graphic Card, Sound/LAN: Integrated, PCIe WLAN card, Display: 18.5 "inch LCD (Brand Specific), Form Factor: Tower, USB Keyboard & Mouse, accessories, Pre-Installed OS, Licensed Antivirus Three Years Subscription MUET bootup Logo by the Manufacturer Warranty 3 Year <b>HP, Dell, Fujitsu Or Equivalent</b>	<b>HP Brand</b>  <b>Model:</b>  <b>600 G1</b>	<b>HP Brand</b>  <b>Model:</b>  <b>600 G1</b>	<b>N.Q</b>	<b>N.Q</b>
2.	<b>Intel Core i5 Processor up to 2.8 GHz/Higher 4<sup>th</sup> Generation,</b> Latest Intel Q85 Chipset Motherboard, 500 GB DDR3 1600MHz Memory, 500 GB HDD SATA 7200RPM Super Multi DVDRW, Integrated-Graphics Card+ second External 1GB Graphic Card, Sound/LAN: Integrated, PCIe WLAN card, Display: 18.5 "inch LCD (Brand Specific), Form Factor: Tower, USB Keyboard & Mouse, accessories, Pre-Installed OS, Licensed Antivirus Three Years Subscription MUET bootup Logo by the Manufacturer Warranty 3 Year <b>HP, Dell, Fujitsu Or Equivalent</b>	<b>HP Brand</b>  <b>Model:</b>  <b>600 G1</b>	<b>HP Brand</b>  <b>Model:</b>  <b>600 G1</b>	<b>N.Q</b>	<b>N.Q</b>
3.	<b>Intel Core i3 Processor up to 2.4 GHz/Higher 4<sup>th</sup> Generation,</b> Latest Intel Q85 Chipset Motherboard, 500 GB DDR3 1600MHz Memory, 500 GB HDD SATA 7200RPM Super Multi DVDRW, Integrated-Graphics Card+ second External 1GB Graphic Card, Sound/LAN: Integrated, PCIe WLAN card, Display: 18.5 "inch LCD (Brand Specific), Form Factor: Tower, USB Keyboard & Mouse, accessories, Pre-Installed OS, Licensed Antivirus Three Years Subscription MUET bootup Logo by the Manufacturer Warranty 3 Year <b>HP, Dell, Fujitsu Or Equivalent</b>	<b>HP Brand</b>  <b>Model:</b>  <b>600 G1</b>	<b>HP Brand</b>  <b>Model:</b>  <b>600 G1</b>	<b>N.Q</b>	<b>N.Q</b>

**Providing /Supplying Printers, Scanners, Toners and Multimedia Projectors**

S.No.	Item	IDEAL	NEW HORIZON	ABM	GEMCO
1	HP Printer P-1102 or Equivalent	HP Printer P-1102	HP Printer P-1102	N.Q	This has offered 2 options for Items No. 1 of Brother Brand. Multiple/alternative options by a single bidder are prohibited under SPPRA Rule # 24, Procurement Regulations Page # 30.
2	HP Printer 401 D or equivalent	HP Printer 401 D	HP Printer 401 D	N.Q	Has offered Brother Brand Printer Model HL-5440D which is Technically lesser in Specifications i.e. Processor Speed is 400 MHZ, Memory is 64MB, whereas the required HP printer 401D offers 800MHZ Processor and 256MB Memory.
3	HP Flat Bed Scanner 200 or equivalent	HP Flat Bed Scanner 200	HP Flat Bed Scanner 200	N.Q	Has offered Microtek Brand Scanner Model SM-i2400 which is a Taiwan based Company, where as HP is USA based company however conformity to the requirement is not found
4	HP Flat Bed Scanner G-3110 or equivalent	HP Flat Bed Scanner G-3110	HP Flat Bed Scanner G-3110	N.Q	Has offered Microtek Brand Scanner Model S460 which is a Taiwan based Company, where as HP is USA based company however conformity to the requirement is not found
5	HP 05-A Toner Cartage or Equivalent	HP 05-A Toner Cartage	HP 05-A Toner Cartage	N.Q	N.Q
6	HP 12-A Toner Cartage or Equivalent	HP 12-A Toner Cartage	HP 12-A Toner Cartage	N.Q	N.Q
7	HP 53-A Toner Cartage or Equivalent	HP 53-A Toner Cartage	HP 53-A Toner Cartage	N.Q	N.Q
8	HP 80-A Toner Cartage or Equivalent	HP 80-A Toner Cartage	HP 80-A Toner Cartage	N.Q	N.Q
9	HP 85-A Toner Cartage or Equivalent	HP 85-A Toner Cartage	HP 85-A Toner Cartage	N.Q	N.Q

S.No.	Item	IDEAL	NEW HORIZON	ABM	GEMCO
10	<b>Multimedia Projectors (Hitachi, Epson or Equivalent)</b>	NQ	<b>Epson Multimedia Projector Model EP-X18</b>	<b>Epson Multimedia Projector Model EP-X18</b>	<p>The offered product does not meet the requirement as was mentioned in the Tender.</p> <p>This has offered DLP Technology whereas the required Technology was 3LCD</p>
	<b>Projection</b>				
	<b>LCD Panel</b>				
	<b>Lumens</b>				
	<b>Resolution</b>				
	<b>Contrast</b>				
	<b>Lamp</b>				
	<b>Durability</b>				
	<b>Color</b>				
	<b>Projection</b>				
	<b>Connectivity / Interfaces</b>				
	<b>USB Display Function</b>				
	<b>Ld-Speaker</b>				
	<b>What is in the Bos</b>				

## Providing /Supplying Network Equipment

S.No.	Item	IDL	NEW HORIZON	ABM	GEMCO
	<p>Providing/Fixing/Installing 10/100/1000 24 Ports Manageable Access Switch with following features and support, complete in all aspects</p> <p><b>Equivalent / Latest.</b></p> <p>Interface Requirements</p> <ul style="list-style-type: none"> <li>• 24x1G PoE (copper) ports</li> <li>• 4x1G SFP ports</li> <li>• Should support SX/LX/LH</li> </ul> <p>General Requirements</p> <ul style="list-style-type: none"> <li>• Should support switching capacity of 56 Gbps</li> <li>• Should support throughput of 41 mpps</li> <li>• Should support real-time traffic classification with support for eight priority levels mapped to either two or four queues, and uses weighted deficit round robin (WDRR) or strict priority</li> <li>• Should support Prioritization of traffic by specifying a port and priority level</li> <li>• Should support Prioritization of traffic by specifying a VLAN and priority level</li> <li>• Should support IEEE 802.1p priority tag based on IP address, IP Type of Service (ToS), Layer 3 protocol, TCP/UDP port number, source port, and DiffServ</li> <li>• Should support per-port ingress-enforced maximums for all ingress traffic or for broadcast, multicast, or unknown destination traffic</li> <li>• Should support prioritization based on TCP/UDP port numbers</li> <li>• Should support full cli</li> <li>• Should support Netflow/Jflow/Sflow</li> <li>• Should support LLDP</li> <li>• Should support port mirroring</li> <li>• Should support RMON</li> <li>• Should support IPv6</li> <li>• Should support MLD Snooping</li> <li>• Should support IPv6 ACL/QoS</li> <li>• Should support RA guard, DHCPv6 protection</li> <li>• Should support 512 active vlans</li> <li>• Should support 16k mac addresses</li> <li>• Should support STP/RPVST+</li> <li>• Should support source port filtering</li> <li>• Should support RADIUS/TACACS+</li> <li>• Should support port security</li> <li>• Should support mac address lockout</li> <li>• Should support 802.1x</li> <li>• Should support mac based authentication</li> <li>• Should support STP BPDU protection</li> <li>• Should support STP root guard</li> <li>• Should support protected ports</li> <li>• Should support DHCP protection      Should support dynamic arp protection</li> <li>• Should support dynamic ip lockdown      Should support voice vlan</li> <li>• Should support LACP      Should support local mac authentication</li> <li>• Should support 802.3az</li> <li>• Should provide 3 years24/7 principal TAC support.</li> </ul>	<b>HP 2530-24G POE Switch</b>	<b>HP 2530-24G POE Switch</b>	<b>NQ</b>	<b>NQ</b>

S.No.	Item	IDL	NEW HORIZON	ABM	GEMCO
	<p>Providing/Fixing/Installing 10/100/1000 48 Ports Manageable Access Switch with following features and support, complete in all aspects Equivalent / latest Interface Requirements</p> <ul style="list-style-type: none"> <li>• 48x1G PoE (copper) ports</li> <li>• 4x1G SFP ports</li> <li>• Should support SX/LX/LH</li> </ul> <p>General Requirements</p> <ul style="list-style-type: none"> <li>• Should support switching capacity of 100 Gbps</li> <li>• Should support throughput of 77 mpps</li> <li>• Should support real-time traffic classification with support for eight priority levels mapped to either two or four queues, and uses weighted deficit round robin (WDRR) or strict priority</li> <li>• Should support Prioritization of traffic by specifying a port and priority level</li> <li>• Should support Prioritization of traffic by specifying a VLAN and priority level</li> <li>• Should support IEEE 802.1p priority tag based on IP address, IP Type of Service (ToS), Layer 3 protocol, TCP/UDP port number, source port, and DiffServ</li> <li>• Should support per-port ingress-enforced maximums for all ingress traffic or for broadcast, multicast, or unknown destination traffic</li> <li>• Should support prioritization based on TCP/UDP port numbers</li> <li>• Should support full cli</li> <li>• Should support Netflow/Jflow/Sflow</li> <li>• Should support LLDP Should support port mirroring</li> <li>• Should support RMON Should support IPv6</li> <li>• Should support MLD Snooping Should support IPv6 ACL/QoS</li> <li>• Should support RA guard, DHCPv6 protection</li> <li>• Should support 512 active vlans</li> <li>• Should support 16k mac addresses</li> <li>• Should support STP/RPVST+</li> <li>• Should support source port filtering</li> <li>• Should support RADIUS/TACACS+</li> <li>• Should support port security</li> <li>• Should support mac address lockout</li> <li>• Should support 802.1x</li> <li>• Should support mac based authentication</li> <li>• Should support STP BPDU protection</li> <li>• Should support STP root guard</li> <li>• Should support protected ports</li> <li>• Should support DHCP protection</li> <li>• Should support dynamic arp protection</li> <li>• Should support dynamic ip lockdown</li> <li>• Should support voice vlan</li> <li>• Should support local mac authentication</li> <li>• Should support LACP Should support 802.3az</li> <li>• Should provide 3 years24/7 principal TAC support.</li> </ul>	<b>HP 2530-48G POE Switch</b>	<b>HP 2530-48G POE Switch</b>	<b>NQ</b>	<b>NQ</b>



S.No.	Item	IDL	NEW HORIZON	ABM	GEMCO
	<p>Proving/Fixing/Installing Wireless Access Points/Routers support up to 300Mbps, with following features and support + complete in all aspects Equivalent / Latest General Requirements:</p> <ul style="list-style-type: none"> <li>• Should be able to operate in both autonomous and controller based mode.</li> <li>• Should support 802.11 a/b/g/n</li> <li>• Should support 3x3 Spatial streams</li> <li>• Should support Automatic radio power adjustments</li> <li>• Should support intelligent channel switching and real time interference detection</li> <li>• Should support intelligent client load balancing</li> <li>• Should support airtime fairness</li> <li>• Should support measuring of noise from remote 802.11 sources.</li> <li>• Should support integrated IDS</li> <li>• Should support enhanced AP survivability</li> <li>• Should support Rate limiting</li> <li>• Should support 802.1p prioritization</li> <li>• Should support L2/L3/L4 classification</li> <li>• Should support at least 10 active voice calls per radio</li> <li>• Should support Auto-MDIX on Ethernet interface</li> <li>• Should support Beam forming</li> <li>• Should support Bandsteering</li> <li>• Should meet the European EN60601-1-2 standard for healthcare</li> <li>• Should support up to 16 SSIDs, each with unique MAC address and configurable SSID broadcasts</li> <li>• Should support IEEE 802.1X authentication using EAP-SIM, EAP-FAST, EAP-TLS, EAP-TTLS, and PEAP</li> <li>• Should provide provides RADIUS AAA using EAP-MD5, PAP, CHAP, and MS-CHAPv2</li> <li>• Should support RADIUS Client (RFC 2865 and 2866) with location-aware support</li> <li>• Should provide Layer 2 wireless client isolation</li> <li>• Should support locking out of unauthorized wireless access by authenticating users prior to granting network access</li> <li>• Should support following standards : <ul style="list-style-type: none"> <li>▪ WPA</li> <li>▪ IEEE 802.11i (WPA2, RSN)</li> <li>▪ RFC 1321 MD5 Message-Digest Algorithm</li> <li>▪ RFC 2246 TLS Protocol Version 1.0</li> <li>▪ WEP 40/64 and 104/128 bits TKIP-MIC:</li> <li>▪ RC4 40 bits (both static and shared keys)</li> <li>▪ AES: CCM, CCMP</li> </ul> </li> </ul> <p>Life Time Warranty</p>	<p><b>HP MSM430 DUAL RADIO 802, 11N AP (WW)</b></p>	<p><b>HP MSM430 DUAL RADIO 802, 11N AP (WW)</b></p>	<p><b>NQ</b></p>	<p><b>NQ</b></p>

S.No.	Item	IDL	NEW HORIZON	ABM	GEMCO
ICPC-4	Providing 3 meters SM based O.F Patch cords Fujicora, type (SC-SC) or Equivalent	<b>FUJICORA (SC-SC) Patch Cords</b>	<b>FUJICORA (SC-SC) Patch Cords</b>	NQ	NQ
ICPC-5	Providing 3 meters SM based O.F Patch cords Fujicora, type (SC-LC) or equivalent	<b>FUJICORA (SC-LC) Patch Cords</b>	<b>FUJICORA (SC-LC) Patch Cords</b>	NQ	NQ
CLOIC – 01	HP DL380 Gen9 8SFF CTO Server HP DL380 Gen9 E5-2620v3 FIO Kit, HP 8GB 2Rx8 PC4-2133P-R Kit HP DL380 Gen9 Universal Media Bay Kit, HP 1.2TB 6G SAS 10K 2.5in DP ENT SC HDD HP 9.5mm SATA DVD-RW Jb Gen9 HP Smart Array P440/4G FIO Controller, HP DL380 Gen9 8SFF SAS Cable Kit HP 2U SFF Easy Install Rail Kit, HP 800W FS Plat Ht Plg Pwr Supply Kit HP DL380 Gen9 High Perf Fan Kit, HP 2U CMA for Easy Install Rail Kit, 18.5” LED	<b>HP-DL380 Gen9 Server</b>	<b>HP-DL380 Gen9 Server</b>	NQ	NQ
CLOIC – 02	Providing/ fixing/ installing UPS Units with external battery banks ( <b>Brand: Chloride / Emerson / MGE / APC) Or Equivalent</b> 6 KVA UPS With 2 external battery banks. Batteries in genuine from UPS OEM. Batteries Must be Fresh with manufacturer warranty care, Online double Conversion with sine wave. Standard backup 10 to 15 min at Full load (80% load)	<b>Emerson 6KVA UPS</b>	<b>Emerson 6KVA UPS</b>	NQ	<b>BPC Brand</b> Which has No equality with required brands
CLOIC – 03	Providing/ fixing/ installing UPS, <b>AEC, IST3400 Series, Rating 10 kVA Model: IST3100010 , Or Equivalent</b> , Out Power Factor 0.9 On-line, Double Conversion Pure Sine-Wave Single – Phase In and Single Phase Out Standard backup 10 to 15 min	<b>Emerson 10 KVA UPS</b>	<b>Emerson 10 KVA UPS</b>	NQ	<b>BPC Brand</b> Which has No equality with required brands
COE-01	HP Officejet Pro X476dw Color Multifunction Printer <b>or Equivalent</b>	HP Officejet Pro X476dw	HP Officejet Pro X476dw	NQ	<b>Ricoh MP C401SP</b>
COE-02	Providing/ fixing/ installing <b>UPS Units (Brand: Chloride / Emerson / MGE / APC) Or Equivalent</b> 3 KVA UPS , Batteries in genuine from UPS OEM. Batteries Must be Fresh with manufacturer warranty care Online double Conversion with sine wave. Standard backup 10 to 15 min at Full load (80% load)	<b>Emerson 3 KVA UPS</b>	<b>Emerson 3 KVA UPS</b>	NQ	<b>BPC Brand</b> Which has No equality with required brands
COE-03	16GB RAM for HP Server DL 380 G7	16GB RAM for HP Server DL 380 G7	16GB RAM for HP Server DL 380 G7	NQ	NQ
COE-04	WD 2TB Hard Disks for HP Server DL 380 G7 <b>or Equivalent</b>	WD 2TB Hard Disks for HP Server DL 380 G7	WD 2TB Hard Disks for HP Server DL 380 G7	NQ	NQ
COE-05	WD 3 TB External Passport Hard Disk <b>or Equivalent</b>	WD 3 TB External Passport Hard Disk	WD 3 TB External Passport Hard Disk	NQ	NQ

### **Providing /Supplying LED TVs for various Departments**

S.No.	Item	IDL	NEW HORIZON	ABM	GEMCO
1	32” LED TV (Sony/Samsung or Equivalent)	Samsung	Samsung	NQ	NQ
2	48” LED TV (Sony/Samsung or Equivalent)	Sony/Samsung	Samsung	NQ	NQ

### **Providing /Supplying Palm PC Tech**

S.No.	Item	IDL	NEW HORIZON	ABM	GEMCO
1	<p><b>Processor support</b></p> <ul style="list-style-type: none"> <li>- Intel® Core™ (1.8 GHz, Dual Core processor with 3 MB smart cache)</li> <li>- Supports Intel® 64 architecture 3</li> </ul> <p><b>Chipset:</b> - Intel® QS77 Express Chipset</p> <p><b>Graphics:</b> - Intel® HD Graphics 4000</p> <ul style="list-style-type: none"> <li>- Dual HDMI Ports supporting dual independent display capability: </li></ul> <p><b>Peripheral Connectivity:</b> - Integrated Intel 10/100/1000 Network Connection</p> <ul style="list-style-type: none"> <li>- Three Hi-Speed USB 2.0 ports (two back panel ports and one front panel port)</li> </ul> <p><b>Expansion Capabilities:</b> - One full length mini-PCIe slot supporting mSATA capability</p> <ul style="list-style-type: none"> <li>- One half length mini-PCIe slot with dual USB 2.0 ports routed :</li> </ul> <p><b>System BIOS:</b> - Intel® Visual Bios</p> <ul style="list-style-type: none"> <li>- 64 Mb Flash EEPROM with Intel® Platform Innovation Framework for EFI Plug and Play</li> <li>- Advanced configuration and power interface</li> </ul> <p>V3.0b, SMBIOS2.5 - Intel® Express BIOS update support fast boot bios – optimized post for almost instant-on access to pc from power on</p> <p><b>System Memory:</b> - Memory capacity: Dual-channel DDR3 with two connectors for 1600/1333/1066 MHz memory support (16 GB max) memory Voltage- 1.5V and 1.35V</p> <p><b>Hardware Management Features :</b> - Processor fan speed control- Voltage and temperature sensing, Fan sensor inputs used to monitor fan activity, - ACPI-compliant power management control intel® pro 10/100/1000 network connection, - Low-power design, <b>Audio:</b> - Intel® High Definition Audio (Intel HD Audio) via two HDMI 1.4a outputs supporting 8 channel (7.1) digital audio</p> <p><b>Indicators and Controls:</b> - HDD LED, Power LED, - Power on/off</p> <p><b>Mechanical:</b> - Chassis size: 4.59”×4.41”×1.55” (116.6mm×112.0mm×39.0mm)- Board size: 4”×4” (101.6mm×101.6mm) <b>Baseboard power requirements:</b> - DC Power 19V, 65 Watt</p> <p><b>Additional Features:</b> - Antenna for External WIFI and Bluetooth pre-assembled for ease of deployment</p> <ul style="list-style-type: none"> <li>- Front Panel USB 2.0, - VESA mounting bracket included, - Product Guide</li> </ul>	HP ProDesk 600G1 DM	HP ProDesk 600G1 DM	NQ	NQ

## Providing /Supplying Plasma TV

S.No.	Item	IDL	NEW HORIZON	ABM	GEMCO
1	<p><b><u>3D 51" Plasma TV SAMSUNG/SONY Or Equivalent</u></b></p> <ul style="list-style-type: none"> <li>Model / Series 51F4900</li> <li>Type of TV 3D HD Ready Plasma TV</li> <li>Dimension 51 Inches</li> <li>Picture Engine Option Hyper Real Engine</li> <li>Box Contains Main Unit, Power Cable, Batteries, Remote, 3D Active Glasses, User Manual Booklet</li> <li>Screen Resolution 1024 x 768 Resolution</li> </ul> <p><b>Video Features</b></p> <ul style="list-style-type: none"> <li>Display Panel Type Clear Image</li> <li>Additional Video Features 600Hz Subfield Motion, Cinema Smooth, Black Optimizer, Wide Color Enhancer (Plus), Film Mode</li> <li>Dynamic Contrast Ratio Mega Contrast</li> </ul> <p><b>Audio Features</b></p> <ul style="list-style-type: none"> <li>Sound &amp; Speakers In-Built</li> <li>Type of Speakers Down Firing Full Range</li> <li>Technology for Sound Dolby Digital Plus, Dolby Pulse</li> <li>Speaker Output Powers (RMS) 20 Watts</li> <li>Additional Audio Features 3D Sound, DTS Premium Sound 5.1, Speaker Type- Down Firing Full Range</li> </ul> <p><b>Power</b></p> <ul style="list-style-type: none"> <li>Power Required AC 100 - 240V 50/60Hz</li> <li>Device Power Consumption 216 Watts, 0.3 watts Stand-By</li> </ul> <p><b>Connectivity</b></p> <ul style="list-style-type: none"> <li>USB Compatibility 1</li> <li>HDMI (High-Definition Multimedia Interface) 2</li> <li>Digital Sound O/P (Optical) 1</li> <li>Additional Connectivity Features Component In (Y/Pb/Pr)</li> <li>RF Input Connection(s) 1</li> <li>Composite - Video Input (RCA connectors) 1</li> <li>Component-Video Input (RCA connectors) 1</li> </ul> <p><b>Additional Features &amp; Functions</b></p> <ul style="list-style-type: none"> <li>Sleep Timer, Clock and On/Off Timer, Auto Power Off, Eco Sensor, OSD Language, Picture-In-Picture, Game Mode, Auto Volume Leveler,</li> </ul> <p><b>Design and Dimensions</b></p> <ul style="list-style-type: none"> <li>Type of Stand Square</li> <li>Swivel and Tilt Yes</li> <li>Design and Dimensions (With Stand) 1185.2 x 776.5 x 305.0 mm</li> <li>Device Weight with Stand 22.1 kg</li> <li>Design and Dimensions (Without Stand) 1185.2 x 702.1 x 55.7 mm</li> <li>Device Weight without Stand</li> </ul>	Samsung	Samsung	NQ	NQ

## **RECOMMENDATIONS:-**

- 1) The three Bidding firms have submitted required documents which were required for evaluation of firms. M/s Gemco has not provided required documents except few.
- 2) The Goods offered by M/s Gemco are not meeting the specifications and conformity of tender, whereas other bidders have quoted their bids in accordance to the bid requirement.

It is therefore recommended that M/s Gemco stands as disqualified for the reasons mentioned in the evaluation criteria for not providing required documents and quoting goods in non-conformity of the requirements.

Therefore the following three bidding firms may be communicated for participating in the financial bid opening and the sealed un-opened envelope of M/s Gemco may be returned without being opened.

### **Technically Qualified Bidding Firms:**

- 1) M/s Ideal Distribution Line.
- 2) M/s New Horizon Computers.
- 3) M/s ABM Data Systems.



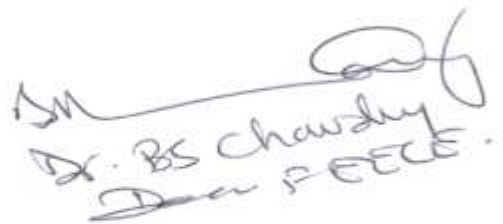
Engr. G. MUSTAFA BALOCH  
Instrumentation Engineer



(Engr. Saleem Ahmed Mehmood)  
Additional Director ECPC



Prof. Dr. Mukhtiar Ali Khan  
Chairman CSE & Director HCT



Dr. BS Chaudhry  
Dean FEEC.