



OFFICE OF THE PRINCIPAL
HANDIQUE GIRLS' COLLEGE
GUWAHATI - 781001, ASSAM

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Ref. No. : HGC/ESTT/NIQ/2024/254/01

Date: 18/01/2024

NOTICE INVITING QUOTATION

Sub : Supply & Installation of Interactive Display

Last date of Submission : 25/01/2024 up to 14.00 hrs.

Sealed quotation are invited from Registered firm/ dealer/ vendor who will fulfilled the following Terms and conditions are requested to submit Quotations for Supply and Installation of Interactive Display Board at Handique Girls' College, Guwahati-1

TERMS AND CONDITIONS:

1. PRODUCT OEM/ND SHOULD HAVE REGISTERED OFFICE IN GUWAHATI WITH GST NO. 2. ND/ OEM CERTIFIED SERVICE ENGINEER NAME WITH YEAR OF EXPERIENCE IN THE COMPANY 3. SITE VISIT BY THE VENDOR BEFORE SUBMITTING TENDER IS MANDATORY 4. QUALIFIED VENDORS NEED ARRANGE DEMONSTRATION AS PER OUR CONVENIENT BEFORE ANY FINAL DICSSION .5 LOWEST BIDDER WILL NOT BE THE ONLY CRITERIA 6. COLLEGE AUTHORITIES DECESSION WILL BE THE FINAL DECESSION. 7.VENDOR SHOULD HAVE EXPERIENCE OF COMPLETING WITH ORDER COPIES OF AT LEAST 5-6 SMART CLASSROOM IN ASSAM'S REPUTED COLLEGES.

The quotation along with the documents of fulfilling above Terms & Conditions will be received up to 14.00 hrs of 25/01/2024.

The Specifications of products are enclosed herewith.

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Technical Specification for Interactive Display

| Sl no | Features | Required Parameters |
|---------------------------|------------------------------|--|
| DISPLAY | | |
| 1 | Screen Type | D LED |
| 2 | Aspect Ratio | 16:09 |
| 3 | Size | 65 inch |
| 4 | Resolution | 3840H x 2160 V |
| 5 | Response Time | 8ms |
| 6 | Refreshing Frequency | 60Hz |
| 7 | Display colour | 1.07B10bit |
| 8 | Pixel Pitch | 0.372H x 0.0.372 V Standby |
| 9 | Brightness | 350cd/m ² |
| 10 | Contrast Ratio Type | 1200:1 |
| 11 | Viewing Angle | 178H/V |
| 12 | Lifetime | 50,000 hours |
| TOUCH SYSTEM | | |
| 1 | System | Windows 10/11, Linux, Mac, Chrome, Android |
| 2 | Sensing Type | Infrared recognition 40 points |
| 3 | Gesture Support | Yes |
| 4 | Response Time | 5ms |
| 5 | Accuracy | 1.5mm |
| 6 | Minimum Object Size | 3mm |
| 7 | Interface | USB |
| 8 | Surface Hardness | 4mm Toughened Glass |
| 9 | Output Coordinates | 32767 x 32767 |
| DISPLAY CONNECTORS | | |
| 1 | HDMI In HDMI Out | 3./1 |
| 2 | VGA | 1 |
| 3 | Audio In Audio Out | 1./1 |
| 4 | USBA 2.0 USB A 3.0 | 1./4 |
| 5 | USBC Display Touch Power 65W | 1 |
| 6 | USBB Touch | 2 |
| 7 | SPDIF | 1 |
| 8 | RS232 | 1 |
| 9 | LanPort RJ45 In Out | 1./1 |
| ANDROID SYSTEM | | |
| 1 | System Version | Android 11* |
| 2 | RAM | 8GB* |
| 3 | ROM | 64GB* |
| WIRELESS* | | |
| 1 | Wi Fi | 802.11ax Wi Fi 6 |
| 2 | Bluetooth | 5 |
| AUDIO | | |
| 1 | Speaker Type | Built in Speaker |
| 2 | Output Power | 16W X 2 |
| POWER | | |
| 1 | Power Requirements | AC100 V 240 V, 50 60 Hz |
| 2 | Standby Power | ≤0.5W |
| 3 | Overall Power (typ.) | 200W |
| ENVIRONMENTAL | | |
| 1 | Operating Temperature | 0° C~40°C |
| 2 | Operating Humidity | 10 ~90 RH Non Condensing |
| 3 | Storage Temperature | 20° C~60°C |
| 4 | Storage Humidity | 10~90 RH Non Condensing |

| Technical Specifications for Interactive Display 75 Inch | | |
|--|-------------------------------------|--|
| SL.NO | FEATURES | REQUIRED PARAMETERS |
| DISPLAY | | |
| 1 | Screen Type | D-LED |
| 2 | Aspect Ratio | 16:09 |
| 3 | Size | 75 inch |
| 4 | Resolution | 3840(H) x 2160(V) |
| 5 | Response Time | 8.5ms |
| 6 | Refreshing Frequency | 60Hz |
| 7 | Display colour | 1.07B (10bit) |
| 8 | Pixel Pitch | 0.4296(H) x 0.0.4296(V) |
| 9 | Brightness | 350cd/m ² |
| 10 | Contrast Ratio (TYP) | 1200:01:00 |
| 11 | Viewing Angle | 178° (H/V) |
| 12 | Lifetime | 50,000 hours |
| TOUCH SYSTEM | | |
| 1 | System | Windows 10/11, Linux, Mac, Chrome, Android |
| 2 | Sensing Type | Infrared recognition - 40 points |
| 3 | Gesture Support | Yes |
| 4 | Response Time | 5 ms |
| 5 | Accuracy | 1.5mm |
| 6 | Minimum Object Size | 3mm |
| 7 | Interface | USB |
| 8 | Surface Hardness | 4mm Toughened Glass |
| 9 | Output Coordinates | 32767 x 32767 |
| DISPLAY CONNECTORS | | |
| 1 | HDMI-In / HDMI-Out | 3./1 |
| 2 | VGA | 1 |
| 3 | Audio-In / Audio-Out | 1./1 |
| 4 | USB-A 2.0 / USB-A 3.0 | 1./4 |
| 5 | USB-C (Display / Touch / Power 65W) | 1 |
| 6 | USB-B (Touch) | 2 |
| 7 | SPDIF | 1 |
| 8 | RS232 | 1 |
| 9 | Lan Port (RJ45)-In / Out | 1./1 |
| ANDROID SYSTEM | | |
| 1 | System Version | Android 11* |
| 2 | RAM | 8GB* |
| 3 | ROM | 64GB* |
| WIRELESS | | |
| 1 | Wi-Fi | 802.11ax (Wi-Fi 6) |
| 2 | Bluetooth | 5.0 |
| AUDIO | | |
| 1 | Speaker Type | Built-in Speaker |
| 2 | Output Power | 16W X 2 |
| POWER | | |
| 1 | Power Requirements | AC100 V ~ 240 V, 50-60 Hz |
| 2 | Standby Power | ≤0.5W |


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| | | |
|---------------------------------|-----------------------|-----------------------------|
| 3 | Overall Power (typ.) | 200W |
| ENVIRONMENTAL CONDITIONS | | |
| 1 | Operating Temperature | 0 °C - 40 °C |
| 2 | Operating Humidity | 10% ~ 90% RH Non-Condensing |
| 3 | Storage Temperature | -20 °C ~ 60 °C |
| 4 | Storage Humidity | 10% ~ 90% RH NonCondensing |

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Technical Specifications for Interactive Display 86 Inch

| SL.NO | FEATURES | REQUIRED PARAMETERS |
|---------------------------|--------------------------|--|
| DISPLAY | | |
| 1 | Screen Type | D-LED |
| 2 | Aspect Ratio | 16:09 |
| 3 | Size | 86 inch |
| 4 | Resolution | 3840(H) x 2160(V) |
| 5 | Response Time | 8.5ms |
| 6 | Refreshing Frequency | 60Hz |
| 7 | Display colour | 1.07B (10bit) |
| 8 | Pixel Pitch | 0.4935(H) x 0.4935(V) |
| 9 | Brightness | 350cd/m ² |
| 10 | Contrast Ratio (TYP) | 1200:01:00 |
| 11 | Viewing Angle | 178° (H/V) |
| 12 | Lifetime | 50,000 hours |
| TOUCH SYSTEM | | |
| 1 | System | Windows 10/11, Linux, Mac, Chrome, Android |
| 2 | Sensing Type | Infrared recognition - 20 points |
| 3 | Gesture Support | Yes |
| 4 | Response Time | 10 ms |
| 5 | Accuracy | 1mm |
| 6 | Minimum Object Size | 2mm |
| 7 | Interface | USB |
| 8 | Surface Hardness | 4mm Toughened Glass |
| 9 | Output Coordinates | 32767 x 32767 |
| DISPLAY CONNECTORS | | |
| 1 | HDMI-In | 3 |
| 2 | VGA / AV / YPbPr | 1./1./1. |
| 3 | PC-Audio In | 1 |
| 4 | Earphone / AV Output | 1./1 |
| 5 | USB 2.0 / USB 3.0 | 2 |
| 6 | USB-C | 1 |
| 7 | USB Touch | 2 |
| 8 | SPDIF | 1 |
| 9 | RS232 | 1 |
| 10 | Lan Port (RJ45)-In / Out | 1./1 |
| ANDROID SYSTEM | | |
| 1 | System Version | Android 9.0 (Upgradable to Android 11) |
| 2 | CPU | Quad Core Cortex A73 |
| 3 | GPU | Quad Core G52, MP2 |
| 4 | RAM / ROM | 4GB / 32GB |
| WIRELESS | | |
| 1 | Wi-Fi | 802.11ax (Wi-Fi 6) |
| 2 | Bluetooth | 5.0 |
| AUDIO | | |
| 1 | Speaker Type | Built-in Speaker |
| 2 | Output Power | 12W X 2 |


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| POWER | | |
|--------------------------|-------------------------------|-----------------------------|
| 1 | Power Requirements | AC100 V ~ 240 V, 50-60 Hz |
| 2 | Standby Power | ≤0.5W |
| 3 | Overall Power (nominal power) | 600W |
| ENVIRONMENTAL CONDITIONS | | |
| 1 | Operating Temperature | 0°C - 40°C |
| 2 | Operating Humidity | 10% ~ 90% RH Non-Condensing |
| 3 | Storage Temperature | -20°C ~ 60°C |
| 4 | Storage Humidity | 10% ~ 90% RH NonCondensing |

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| Technical Specification Speaker system.....passive & active ,inbuilt amplifier system with wiressless head band teacher microphone | | |
|--|---------------------|--|
| Sl no | Features | Required Parameters |
| Technical specification | | |
| 1 | Power Capacity | 2 × 30 Watts |
| 2 | Frequency Range | 2 × 30 Watts |
| 3 | Impedance | 4 Ohm |
| 4 | Sensitivity | 88dB |
| 5 | Woofers | 51/4" Polypropylene |
| 6 | Dimension (H W D) | 240 x 178 x 170 mm |
| Head Band Microphone | | |
| 1 | Audio Signal | Digital Sampling, 16Bit, 44.1 kHz |
| 2 | Paired method | Auto |
| 3 | Frequency Response | 20-20kHz |
| 4 | Transmission Method | B-directional 2.4G |
| 5 | Power supply | Li-ion battery (Rechargeable/Charger Supplied) |
| 6 | Current | <70mA, 0dBm |
| 7 | Distance | 15m |

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