प. सं. २/८२
च. नं./Ref No. ०७०

मिति.................

मिति २०८२।०१।०८

श्री सम्पूर्ण सुचीकृत सबै फर्महरु

विषय : दररेट पेश गर्ने सम्बन्धमा ।

यसै श्री पाणिनि मा.बि.दमक झापामा ICT व्यवस्थापनअन्तर्गत InteractivePanel खरिद गर्दा स्पेशिफिकेशन तथा BOQ अनुसार सामग्रीहरु खरिद गर्नु पर्ने भएको हुदा मिति २०८२।०१।१४ गते विहिवार ३ बजे सम्ममा यसै विद्यालयमा उपलब्ध गराइदिन हुन सम्पूर्ण सूचिकृत फर्महरुलाई अनुरोध छ । सोही दिन ४ बजे दर रेट खोलिने व्याहोरा समेत जानकारीका लागि अनुरोध गरिन्छ ।

आवश्यक कागजातहरु :

१) फर्म दर्ता

२)अघिल्लो आ.व.को कर चुक्ता कागज

३) भ्याट रजिष्ट्रेशन

४)Filled Technical Specification complience sheet / BOQ

नोट :टेक्निकल स्पेशिफिकेशन दमक न.पा.को वेवसाइडमा damakmun.gov.np मा राखिएको छ ।

✱ सम्पर्क नं: ९८४२६५४५५६, ९८६५६५४०८६

प्रधानाध्यापक

रत्नमान श्रेष्ठ
प्रधानाध्यापक
श्री पाणिनि मा.वि.
दमक–९, झापा

BOQ.

To

.................................

.................................

Date: ................

**Subject : Price Quotation for ICT Items for Shree Panini Secondary School**

| SN | Item | Unit | Qty | Rate | Rate in Words | Total |
|---|---|---|---|---|---|---|
| 1 | 75" 4K Interactive Panel Board with OPS (Spec Attached) | pcs | 1 | | | |
| 2 | 65" 4K Smartboard (Spec Attached) | pcs | 3 | | | |
| 3 | Interactive Pannel Board Box for 75" with 18mm Plywood, White Formica on front , Closeable Door with lock holder | pcs | 1 | | | |
| 4 | Interactive Pannel Board Box for 65" with  18mm Plywood, White Formica on front , Closeable Door with lock holder | pcs | 3 | | | |
| | *Total* | | | | | |
| | *13% For Vat* | | | | | |
| | *Total Amount* | | | | | |

Note: The above price is inclusive of Supply, Delivery, Installation and Handover

.....................

Name of Signatory

Post

Name of Firm

Stamp of Firm

*"Industrial, Touristic and Green City, Clean, Safe and Prosperous City"*
**Damak Municipality**
**Office of the Municipal Executive**
**Damak,Jhapa**
**Koshi Province, Nepal**

Date: 2081-10-6

### 65" Interactive Panel Board

| Feature | Required Specification | To be Filled By Bidder(Fully compliant, Partially Compliant, Non Compliant) |
|---|---|---|
| *Manufacture, Country* | To be filled by Bidder | |
| *Brand Name* | To be filled by Bidder | |
| *Model No* | To be filled by Bidder | |
| Screen Size | 65" | |
| Backlight | DLED | |
| Pixel Pitch | 0.124 (H) × 0.372 (V) mm | |
| Resolution | 3840 × 2160 @60 Hz | |
| Brightness | 400 cd/m² (Typ.) | |
| Color Depth | 10 bit | |
| Display Color | 1.07G | |
| Response Time | 6 ms | |
| Color gamut | 72% NTSC (CIE1931) | |
| Referesh rate | 60 Hz | |
| Viewing Angle | 178°(H)/178°(V) | |
| Aspect ratio | 16:9 | |
| Surface haze | 25% Haze | |
| Touch type | Infrared Touch Screen | |
| Touch point | 40 point multi-touch | |
| Touch response time | <10 ms | |
| Touch resolution | 32768 × 32768 | |
| Operating system | Android 13.0 | |
| Memory | 8 GB | |
| Built in storage | 128 GB | |
| Processor | Cortex-A55x4 (1.92GHz ) equivalent or better | |
| GPU | Mali-G610 MC4 equivalent or better | |
| Loud speaker | Built-in 2 ×20 W | |
| Bluetooth | Built-in BLE (Bluetooth Low Energy) module supports Bluetooth 5.1 | |
| Video and Audio Input | HDMI In (HDMI 2.0) × 2, Audio In × 1 | |
| Video and Audio Output | HDMI Out HDMI 2.0) × 1 | |
| Control Interface | TOUCH-USB 2.0 × 3, RS232 × 1 | |
| Network Interface | LAN (100 Mbps) × 2 WIFI AP&Statio | |
| Power Supply | 100 to 240 VAC, 50/60 Hz | |
| Standby Consumption | ≤ 0.5 W | |
| Accessories | Wall mount bracket and all accessories to mount in the wall , hook, user manual, touch writing pen 2, 1.5m power cable | |
| Working Temperature | 0 °C to 40 °C (32 °F to 104°F) | |
| Working Humidity | 10%~90% RH | |
| Warranty | Min 2 year Warranty | |
| Specification | Smart Board Specification must be verifiable from OEM Website by model Number or Must submit valid catalogue from the maufacture | |

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**Office of the Municipal Executive**
**Damak,Jhapa**
**Koshi Province, Nepal**

Date: 2081-10-2

### 75" Interactive Panel Board with OPS

| Feature | Required Specification | To be Filled By Bidder(Fully compliant, Partially Complianct, Non Compliant) |
|---|---|---|
| *Manufacture, Country* | To be filled by Bidder | |
| *Brand Name* | To be filled by Bidder | |
| *Model No* | To be filled by Bidder | |
| Screen Size | 75" | |
| Backlight | DLED | |
| Pixel Pitch | 0.14325(H) × 0.42975(V) mm | |
| Resolution | 3840 × 2160 @60 Hz | |
| Brightness | 400 cd/m² (Typ.) | |
| Color Depth | 10 bit | |
| Display Color | 1.07G | |
| Response Time | 6 ms | |
| Panel type | VA | |
| Contrast ratio | 5000:1 (Static) 30,000:1 (Dynamic) | |
| Color gamut | 72% NTSC (CIE1931) | |
| Referesh rate | 60 Hz | |
| Viewing Angle | 178°(H)/178°(V) | |
| Aspect ratio | 16:9 | |
| Surface hardness | 9H | |
| Surface Glass | 3.2 mm Anti-Glare Glass | |
| Surface haze | 25%Haze | |
| Glass Bonding Method | Zero Lamination | |
| Display area | 1650.24mm x 928.26mm | |
| Working Duration | 7 × 16H | |
| Transmittance | 88% ± 3 | |
| Lifespan | 50,000 hours | |
| Touch type | Infrared Touch Screen | |
| Touch point | 45 point multi-touch | |
| Touch response time | < 5 ms | |
| Minimun touch object | ≥ 2 mm | |
| Touch precision | ± 1 mm (≥ 90% touching area) | |
| Touch resolution | 32768 × 32768 | |
| Operating system | Android 13.0 | |
| Memory | 8 GB | |
| Built in storage | 128 GB | |
| Processor | Quad-core Cortex-A76 × 4 (2.4GHz) and quad-core Cortex-A55 × 4 (1.8GHz) or better | |
| GPU | Mali-G610 MC4 or better | |
| Camera Pixel | 48MP for Photos & 8 MP for Video | |
| Camera function | Support intelligent switching between Android system, OPS, and PC. | |
| Camera Field Angle | 120°(diagonal), 110°(horizontal), 75°(vertical) | |
| Distortion | ≤2.5% | |

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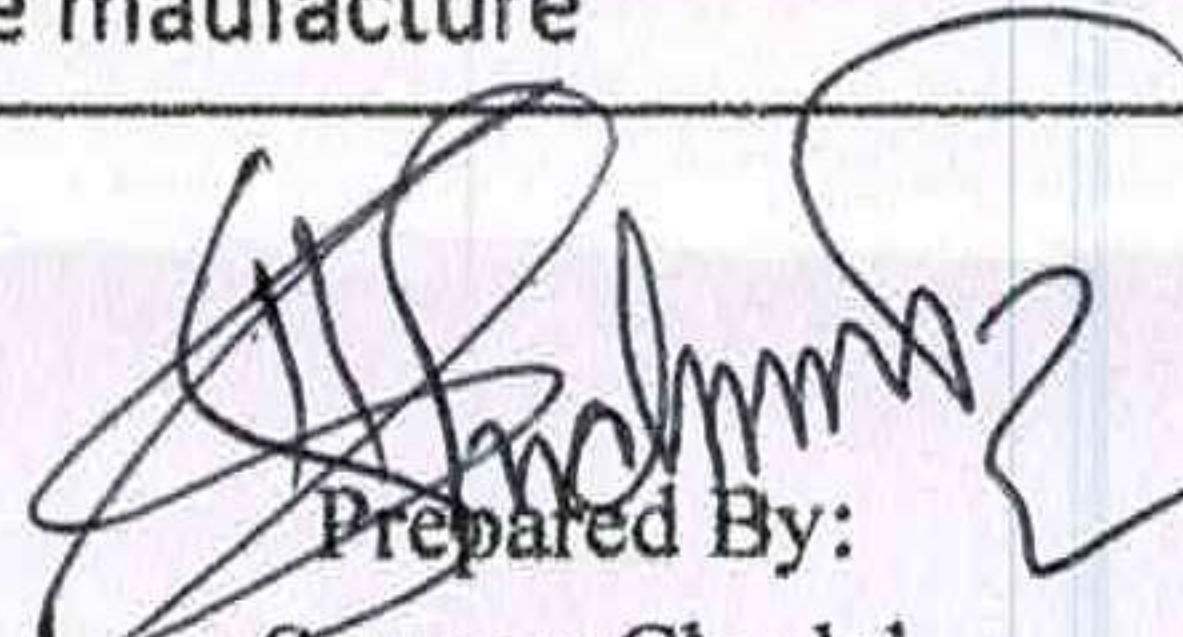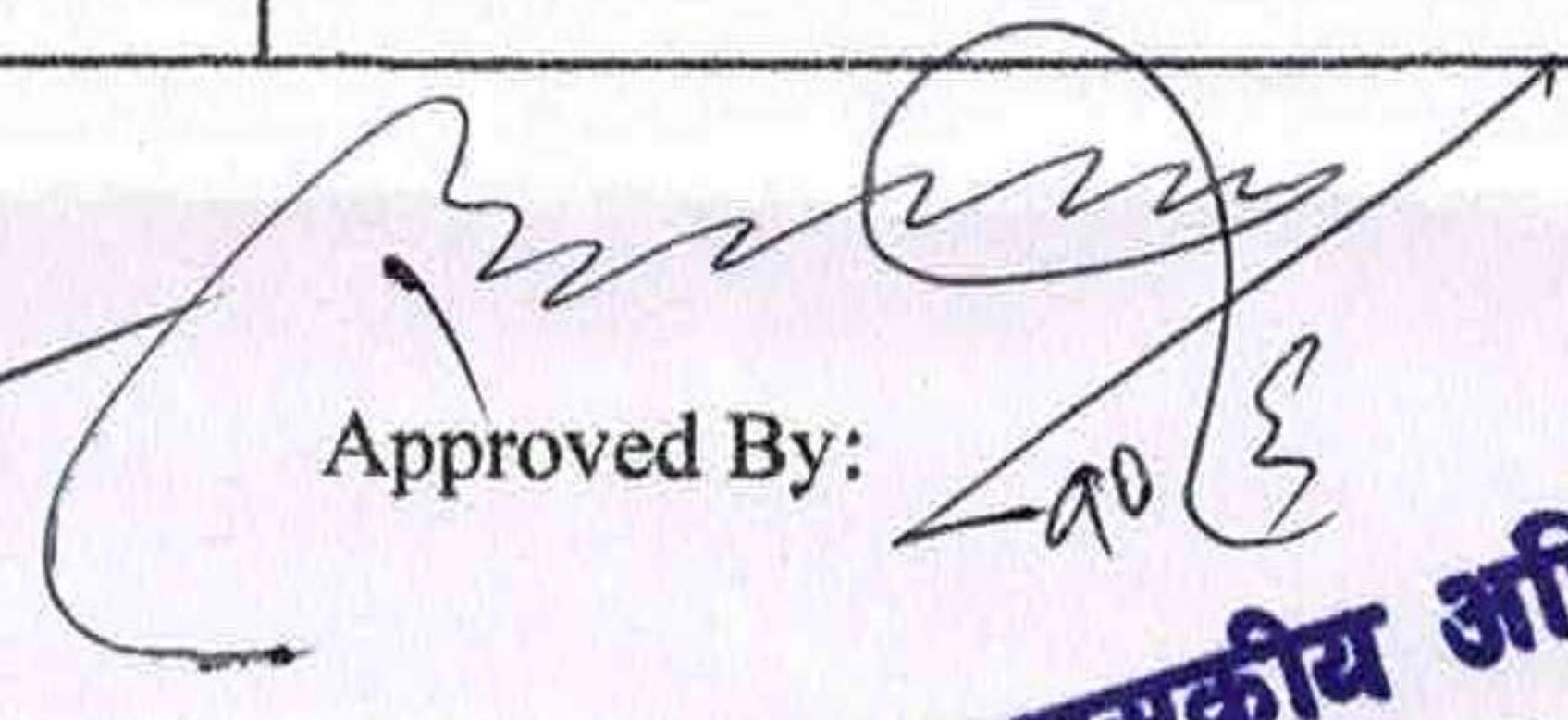| | |
|---|---|
| Camera resolution ratio | Up to 4K |
| Microphone | Omni-directional 8-array layout |
| Mic Function | Echo reduction and smart noise-cancellation |
| Voice Distance | 12 m |
| Sampling Rate | 32 K |
| Mic Sampling Rate | 16 bit |
| Loud speaker | Built-in 2 ×20 W+25W loudspeaker; |
| Bluetooth | Built-in BLE (Bluetooth Low Energy) module supports Bluetooth 5.1 |
| NFC | Support screen mirroring by Android phones |
| Light Sensor | Yes |
| Image Processing Technology | Support 3D digital noise reduction, face detection, automatic white balance, automatic purple edge removal, automatic defogging ; support shadow correction and distortion correction for lens. |
| Audio Processing Technology | Support dereverberation, adaptive noise reduction, adaptive non-stationary noise reduction, adaptive echo cancellation, automatic gain control, automatic electrical level control, sound source localization, speech dynamic detection, digital beam forming, speech detection. |
| Video and Audio Input | HDMI In （HDMI 2.0） × 3, VGA In x 1, DP In （DP 1.2） × 1, Audio In × 1 |
| Video and Audio Output | HDMI Out （HDMI 2.0） × 1, Audio Out × 1, SPDIF Out × 1 |
| Contrrol Interface | TOUCH-USB 3.0 × 3, RS232 × 1 |
| Network Interface | LAN (1000 Mbps) × 2 WIFI AP&Station, 2.4G/5GIEEE 802.11 a/b/g/n/ac 2x2 MIMO (2.4 GHz and 5 GHz) authentication protocols WEP, WPA, WPA2, PSK and 802.1X EAP |
| Data Transmission Interface | USB 3.0 × 4, USB 2.0 × 1, Type-C × 2 (Type-C supports USB 2.0, DP 1.2, and charging functions; side charging 15 W, front charging 65 W) |
| Power Supply | 100 to 240 VAC, 50/60 Hz |
| Standby Consumption | ≤ 0.5 W |
| Average Consumption | < 170W |
| Accessories | Wall mount bracket and all accessories to mount in the wall , hook, user manual, touch writing pen, packing list, 3M touch USB cable, 3M HDMI cable (2.0), 1.5m power cable (European standard), Bluetooth remote control. |
| Working Temperature | 0 °C to 40 °C |
| Working Humidity | 10%~90% RH |
| | Brand and Model No (To be specified by bidder) |

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| | | |
|---|---|---|
| OPS | Gen: i7 9th Gen or better<br>Memory: 8GB SO-DIMM DDR4 2400MHz<br>Storage: 256GB<br>or better | |
| Warranty | Min 1 year Warranty | |
| Specification | Smart Board Specification must be verifiable from OEM Website by model Number or Must submit valid catalogue from the maufacture | |

Prepared By:
Sameep Chudal
IT Officer

Approved By:

नि.प्रमुख प्रशासकीय अधिकृत
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