

Tender No:

KDU/PRO/CAP/ 58 /2021



General Sir John Kotelawala Defence University,
Kandawala Estate, Ratmalana,
Sri Lanka.
T: Phone: 2632028 , 2622995
Fax : 2622504, 2623599
Web: www.kdu.lk

10 / 01 / 2022

INVITATION TO BID AND GENERAL CONDITIONS OF TENDER

1. The Vice Chancellor of the General Sir John Kotelawala Defence University, as the Chairman, Department Procurement Committee Invites Bid/s from prospective Bidders for supply of **item/s listed in the schedule in Annex “A”**. **The relevant specifications of the item/s are indicated in Annex “B”**.

2. **CLOSING DATE & TIME**. The tender will close at 1000 hrs. on 01 / 02 /2022. Any Bid submitted after the closing time of the tender will be rejected & unopened such bids will be returned to the bidder.

3. **VALIDITY OF BID**. The bid submitted under this tender **must be valid for a period of 120 days from the date of closing of tender**.

4. **BID BOND / GUARANTEE**.
(a) If the quoted bid value exceeds Rs: 2,000,000.00, such Bids should be accompanied with 1% of Bid Value an “on demand” and “unconditional” Bid Bond/Guarantee for a sum of **Rs:** in the format given in Annex “C” through a recognized local Bank or Insurance Company registered in Sri Lanka which is authorized by the Insurance Board of Sri Lanka to issue such Bid Guarantees. All Bid Bond/Guarantees should be valid for at least 30 days more than the validity period of bids, ie, for 150 days from the date of Bid opening. **Cheques will not be accepted as Bid Guarantee**.

(b) Submission of insufficient Bid Bond/Guarantee value or period will be considered as a “**major deviation**” and such offer will not be considered for further procurement action and will be rejected.

5. **VALUE ADDED TAX**. The Bidders who bid for locally delivered items must have the VAT registration. The VAT portion must be shown separately in the price schedule in Annex “A” and VAT registration number must be indicated. If the quoted item is exempted from VAT or Bidding Company is not liable for VAT, reference number and date of relevant Act number/Gazette notification/a certificate (as applicable) **issued for the current financial year** from the Commissioner General of Inland Revenue to that effect should be submitted along with the Bid.

6. **BID SUBMISSION**. The **bidder must duly sign at the last page (before Annexes) of this document** indicating the name of the signatory and the name of the company & place the company common seal to confirm the acceptance of tender conditions. **The Bid/s that do not include authorized signature will be rejected**. The Bid/s duly signed by the bidder enclosed and sealed in an appropriate cover addressed to the following address should be sent by registered post or could be deposited in the **appropriate tender box placed at General Sir John Kotelawala Defence University, Kandawala Estate, Ratmalana** (at the Main Entrance of General Sir John Kotelawala Defence University) on or before the time & date specified for the closing of tender. **The tender reference number, date & time of closing tender should be indicated & underlined at the top left corner of the envelop**.

Tender Ref No
Closing Date & Time

The Chairman,
Department Procurement Committee,
General Sir John Kotelawala Defence University,
Kandawala Estate, Ratmalana,
Sri Lanka.

7. The Bid/s must be submitted in the attached schedule of prices in Annex “A” as applicable. However, bidders could use similar formats prepared with their own letter heads with all the details mentioned therein and submit in **three copies along with duly signed copy of a General Conditions of tender**. The Bid/s must contain **Technical Literature, Pamphlets, Drawings and Quality Standard Certificate etc** necessary to determine characteristics of items offered and in case of Machinery/Vehicles & Equipment, servicing and workshop data/after sales service, back up facilities or any other facilities provided by the supplier.

8. **SUBMISSION OF SAMPLES/PAYMENT OF TESTING CHARGES**.
When it is required to submit samples, **every offer** must be accompanied with pre - marked samples. The marking of samples **indicating the Bidder & Offer number** must be done and the samples must be handed over to the officer at same place where tender box is placed **on or before the closing date & time of the Bid**. Samples submitted after closing time of the Bid will be rejected. The documents such as Air Way Bills etc, will not be accepted in place of samples. When the testing charges are required to be paid, bidders shall pay testing charges separately **for all offers** indicated in their bid/s.

- (1) **Samples**. Please submit samples.
- (2) **Testing Charges**. A sum of Rs. **per offer** must be paid to the Bursar of KDU, prior to the submission of bid and a copy of the receipt must be annexed to the bid. It is the responsibility of bidder to inform the Cashier of the Account Office to note the tender number on the receipt issued for such payments.

8. **BID OPENING**. All duly received bids **will be opened immediately after the scheduled closing time of Bids at the same venue**. Bidders or their accredited agents could be present at the time of opening of bids.

9. **PRICES.**

For locally delivered items (including locally manufactured items & foreign items imported by the bidders) price must be quoted in Sri Lankan Rupees, inclusive of all charges for delivery of items to General Sir John Kotelawala Defence University Ratmalana, Faculty of Allied Health Science (FAHS) Werahera and University Hospital Werahera or Southern Campus Sooriyawewa. **Unit price, VAT and Total price should be clearly indicated in schedule in Annex "A".** Other than VAT, all other type of taxes (eg : NBT, BTT, etc.) should not be indicated separately and should be included in unit price.

10. **RESTRICTED TENDERS.**

Invitation to Bids are circulated among the registered suppliers with Ministry of Defence (MOD), only bids submitted by registered suppliers will be allowed for consideration. However, Chairman, Department Procurement Committee reserves the right to invite the bids from multiple combinations of Procurement Methods as stipulated in Chapter III of the Government Procurement Guideline, 2006 to ensure highest competitiveness.

11. **PERFORMANCE BOND/GUARANTEE.**

A successful bidder shall furnish a Performance Bond/Guarantee in the form of "On Demand" & "Unconditional" Bank/Insurance Guarantee for a sum equivalent to 10% of the contract value for every contract that exceeds Rs. 2,000,000.00 or equivalent amount in foreign currency through a recognized Commercial Bank registered in Sri Lanka or through an Insurance Company authorized by the Insurance Board of Sri Lanka to issue such Performance Guarantee for this purpose, **within two weeks from the date of notification of award.** The proceeds of the Performance Bond/Guarantee shall be payable to the Vice Chancellor of the General Sir John Kotelawala Defence University as compensation for any loss resulting from the supplier's failure to complete his performance obligations under the contract. If the contracted supplier fails to deliver the items on time or fails to complete the works as per the agreed contract, **THE TOTAL VALUE OF THE PERFORMANCE BOND/GUARANTEE** will be forfeited. If only partial delivery is made during the agreed contract period, the corresponding value percentage of undelivered quantity from the Performance Bond/Guarantee will be forfeited.

12. **SIGNING OF CONTRACT.**

The notification of award will be transmitted to the successful bidder by post, by fax or e-mail. This notification constitutes the formation of the contract. The successful bidder should submit his written acceptance for the award and performance bond / guarantee (For awards over Rs. 500,000.00 without VAT) within 14 days of receipt of such notification. Upon acceptance of the award and furnishing of the Performance Bond/Guarantee, the successful bidder will have to enter into a formal contract with the Vice Chancellor of the General Sir John Kotelawala Defence University by signing the Contract.

13. **DELIVERY.**

Preference will be given for early delivery. In case of bulk supplies for locally manufactured items, the delivery of **total quantity must be completed within 120 days of signing of contract,** unless mutually agreed for extended delivery period with General Sir John Kotelawala Defence University. **The bidder/s must indicate the proposed delivery schedule in Annex "D".** In the event of placing a purchase order with the successful bidder, the total quantity so ordered must be supplied as one consignment unless part deliveries are agreed upon in the contract. The deliveries not made as per agreed delivery schedule will be considered as bad performances by the suppliers and **no extended delivery period will be authorized.** Under extreme unavoidable conditions too, the Chairman, Department Procurement Committee (Vice Chancellor of the General Sir John Kotelawala Defence University) reserves the right to grant or refuse delivery period extensions only within the current financial year with or without liquidated claim for delayed deliveries and that decision will be final.

14. **LIQUIDATED DAMAGES.**

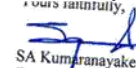
In case of delivery period extensions requested by the successful bidder, a sum equivalent to 1% of the total value of the delayed supply per delay of one week or part thereof may be deducted from the payment due to the supplier from the General Sir John Kotelawala Defence University as liquidated damages up to the maximum limit of 12% of the total value of delayed supplies.

15. **PAYMENT TERMS FOR LOCALLY DELIVERED ITEMS.**

Payment will be made after acceptance of items which should be subjected to a pre-acceptance inspection/testing by General Sir John Kotelawala Defence University authorities. The delivery made to the General Sir John Kotelawala Defence University should not be considered as quantities taken over by General Sir John Kotelawala Defence University until items are properly accepted after pre-acceptance inspection. Any item that does not conform to the specifications or already approved sample will be rejected & it is the responsibility of the supplier to remove them from General Sir John Kotelawala Defence University stores/premises within 07 working days of such intimation (either verbal or written) at his own cost and replace them with items conforming to specification within one month of such rejection. The bidder shall allow approximately 60-90 days' period of credit from the date of acceptance of items for Account Office, General Sir John Kotelawala Defence University to obtain liquid cash from General Treasury & release the payment.

16. **RIGHTS OF THE PROCUREMENT COMMITTEE.**

The Department Procurement Committee reserve the right to accept or reject whole or part of this tender and their decision will be final. The successful bidders will be notified. Information with regard to rejected or unsuccessful bids will not be communicated.

Thanking You,
Yours faithfully,


SA Kumaranaya
For Vice Chancellor
General Sir John Kotelawala Defence University

I/We agree to abide by the conditions of tender and undertake to supply the items as per delivery schedule mentioned in the contract, in the event of an order been placed with me/my firm/company as a result of this tender.

..... Signature

..... Name of Signatory

.....Name of the Company/Bidder

Date :-

Company seal

SCHEDULE OF PRICES FOR LOCALLY DELIVERED ITEMS

S/N	ITEMS	DENO	QTY	PRICE EACH SLRS	TOTAL PRICE SLRS
	<u>PURCHASE OF IT EQUIPMENT FOR FDSS</u>				
01	Smart Panel	Nos	02		
02	1080P Conference Cam with Depth Detection	Nos	02		
03	12KV UPS	Nos	02		
04	Wireless Key Board & Mouse	Nos	02		
05	Wireless – B Mic	Nos	04		
06	Camera Tripod	Nos	02		
	<i>Note – * supplier should submit the specification for item no 04,05,06. * supplier should visit the site before submitting the quotation.</i>				
	TOTAL				
	DISCOUNT				
	TOTAL(AFTER DISCOUNT)				
	VAT %				
	GRAND TOTAL				

(A) OTHER DETAILS

- (i) DELIVERY PERIOD -
- (ii) MAKE & MODEL -
- (iii) VALIDITY PERIOD -
- (iv) WARRANTY PERIOD -
- (v) PAYMENT TERMS - CREDIT
- (vi) COUNTRY OF ORIGIN -
- (vii) DISCOUNT IF ANY -
- (viii) ANY OTHER TAXES -

(B) VAT DETAILS

- VALUE ADDED TAX PERMANENT REGISTRATION CERTIFICATE / VAT EXEMPTION LETTER ISSUED BY DEPARTMENT OF INLAND REVENUE TO BE ATTACHED

(C) PLACE OF DELIVERY

- ITEMS TO BE DELIVERED TO THE "GENERAL SIR JOHN KOTELAWALA DEFENCE UNIVERSITY, KANDAWALA STATE, RATMALANA ALONG WITH THE COPY OF ORDER AND RELEVANT INVOICE.

- (D) Any queries / information with regard to this procurement / tender could be obtained from Officer Commanding Logistics Services office at General Sir John Kotelawala Defence University through e-mail ocls@kdu.ac.lk and by telephone number 0112622504 during working hours.

NOTE: UNIT PRICE AND TOTAL PRICE ARE TO BE INDICATED CLEARLY IN THE TENDER, IF NOT QUOTATION WILL BE REJECTED.

SUPPLIER NAME -

ADDRESS -

CONTACT NUMBER -

E MAIL ADRESS -

Company Seal

(E) Bid Reference: KDU/PRO/CAP/ 58/2021

.....
DATE

Annex 'A'

Technical Specifications

Technical Specifications-1

Model	IdeaHub Pro		IdeaHub S	
Screen size	65"	86"	65"	86"
Components				
Main body	Codec, camera, microphone array, and speaker			
Stylus (pen)	2			
Wall-mounted bracket	√(optional)	√(included)	√(optional)	√(included)
Rolling stand	√(optional)	×	√(optional)	×
Cables	Network cables and power cables			
Touch (tablet)	√(optional)	√(optional)	√(optional)	√(optional)
IdeaShare	√(optional)			
System				
CPU	Dual-chip 4-core@1.5 GHz + 4-core@1.8 GHz			
RAM	12GB			
Flash	64GB			
AI computing power	4T FLOPS			
Screen				
Backlighting type	E-LED	D-LED	E-LED	D-LED
Resolution	4K			
Refresh rate	60Hz			
Precision	± 1mm			
Multi-touch	20 points			
Anti-reflection and glare	√			
Adaptive brightness	√			
Camera				
Resolution	4K30	4K30	1080p30	1080p30
Auto voice tracking	√	√	×	×
Auto-Framing	√			
Ultra-wide angle	80°			
Anti-fog, dust-proof, and anti-flicker	√			
Zoom	2 x digital zoom			
Speakers				
Frequency domain	100Hz ~ 20KHz			
Quantity	4			
Stereo audio	√			
Microphones				
Sound pickup distance	8 m			
Sound pickup angle	180° forward			
Quantity	12			
Frequency domain	100Hz ~ 20KHz			
Enhanced functions	Echo cancellation, noise suppression, auto gain control, and external microphones			

Technical Specifications

Technical Specifications-2				
Model	IdeaHub Pro		IdeaHub S	
Screen size	65"	86"	65"	86"
Ports				
Video input ports	1 x built-in camera 1 x HDMI (4K 30 fps), 1 x HDMI (4K 30 fps, external cameras) 1 x optional OPS input (4K 30 fps)			
Video output ports	1 x embedded monitor 1 x HDMI (1080p 60 fps)			
Audio input ports	1 x built-in microphone array 1 x 3.5 mm LINE IN 1 x HD-AI 1 x OPS input (optional) 1 x HDMI (audio input, conflicted with OPS)			
Audio output ports	1 x built-in speaker 1 x 3.5 mm LINE OUT 1 x HDMI (audio output)			
Other ports	2 x USB 3.0 Type-A 1 x USB 2.0 Type-B 1 x RJ45 (10/100/1000 Mbit/s LAN) 1 x RJ45 (for Touch)			
Wi-Fi	2.4 GHz and 5 GHz			
Electricity Supply Requirements				
Rated operating voltage	100V ~ 240V AC			
Operating frequency	50Hz ~ 60Hz			
Max. power	350 W	450 W	350 W	450 W
Environment Requirements				
Noise	≤ 46dBA SPL			
Altitude	< 5000 m			
Temperature	IdeaHub: 0°C to 40°C, Touch: 0°C to 35°C (operating state) -20°C to + 60°C (non-operating state)			
Relative humidity	10% to 90% (operating state) 5% to 95% (non-operating state)			
Recommended illuminance	> 200 lux			
Min. illuminance	7Lux			
Certification				
Regulatory compliance	CCC, CE (RoHS, REACH, and WEEE), VCCI, Network Access License of MIIT, and Radio Type Approval Certification			
Dimensions and Weight				
Package dimensions (H x W x D)	1720×1114×246mm	2236×1404×356mm	1720×1114×246mm	2236×1404×356mm
Product dimensions (H x W x D)	1492.5×931.1×71mm	1963.8×1195.1×95mm	1492.5×931.1×71mm	1963.8×1195.1×95mm
Gross weight	63kg	110kg	63kg	110kg
Net weight	50kg	90kg	50kg	90kg

Note: The dimensions and weight may vary with configuration, manufacturing process, and measurement method.

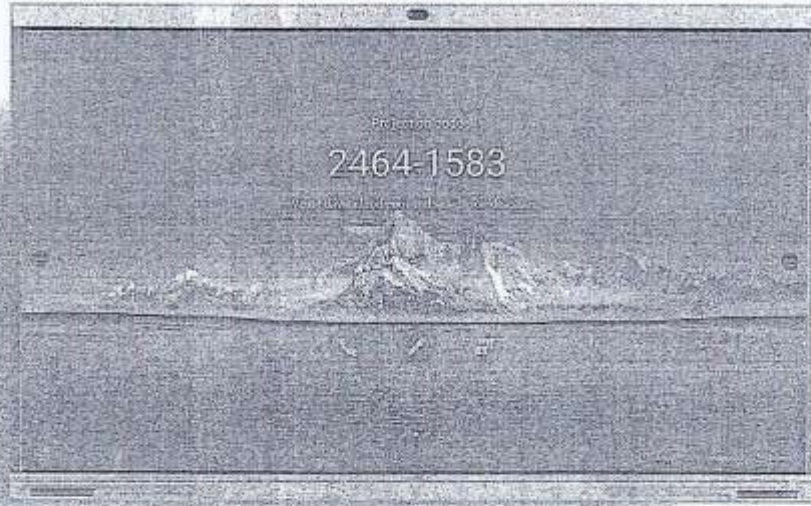
Technical Specifications

Technical Specifications-3			
Model	IdeaHub Pro		IdeaHub S
Screen size	65"	86"	65" 86"
Communications Protocols			
Multimedia framework protocols	ITU-T H.323 and IETF SIP		
Audio codec protocols	AAC-LD mono/stereo, G.711A, G.711U, G.722, G.722.1C, and OPUS		
Video codec protocols	H.265, H.264 SVC, H.264 HP, and H.264 BP		
Network transmission protocols	TCP/IP, RTP, RTCP, DHCP, DNS, SMTP, SNMP, SNTP, Telnet, SSH, HTTP, HTTPS, and TR-069		
Dual-stream protocols	ITU-T H.239 and BFCP		
Other communications protocols	H.225, H.235, H.241, H.245, H.281, H.460, RFC2833, LDAP, and LDAPS		
Wi-Fi standards	IEEE 802.11 a/b/g/n/ac/w, IEEE 802.1x, WPA2, Wi-Fi AP, and station mode		
IP protocols	IPv4 and IPv6 dual stack		
Conference Specifications			
Conferencing mode	Native conferencing		
Codec	H.265 1080p hardware codec		
Video resolutions	Min. H.264 bandwidth 1080p 30 fps 720p 60 fps 720p 30 fps	Min. bandwidth: 512 Kbit/s Min. bandwidth: 768 Kbit/s Min. bandwidth: 384 Kbit/s	
	Min. H.265 bandwidth 1080p 30 fps 720p 60 fps 720p 30 fps	Min. bandwidth: 384 Kbit/s Min. bandwidth: 512 Kbit/s Min. bandwidth: 256 Kbit/s	
Content resolutions	Input: 1920 x 1080 24/25/30/50/60 fps 1920 x 1200 60 fps 3840 x 2160 25/30/50/60 fps	Input: 1920 x 1080 24/25/30/50/60 fps 1920 x 1200 60 fps 3840 x 2160 25/30/50/60 fps	
	Output: 1920 x 1080 3840 x 2160 Codec resolutions: 1080p (1920 x 1080) 1920 x 1200 4K (3840 x 2160)	Output: 1920 x 1080 Codec resolutions: 1080p (1920 x 1080) 1920 x 1200	
Dual-stream resolutions	Video conferencing: 1080p 30 fps + 1080p 30fps 1080p 30 fps + 4K 8 fps	Video conferencing: 1080p 30 fps + 1080p 30 fps	
	Data conferencing: 1080p 30 fps 4K 8 fps	Data conferencing: 1080p 30 fps	
AI	Speaker tracking, Acoustic baffle, and Auto-Framing	Acoustic baffle and Auto-Framing	
Languages	Simplified Chinese, traditional Chinese, English, Spanish (Europe), French, Russian, Japanese, German, and Portuguese (Brazil)		
Security	Embedded encryption chip that supports H.235, STARTTLS, TLS, SRTP encryption, and Chinese cryptographic algorithms		

Intelligence at Your Fingertips

IdeaHub Pro
65" 86"

IdeaHub S
65" 86"

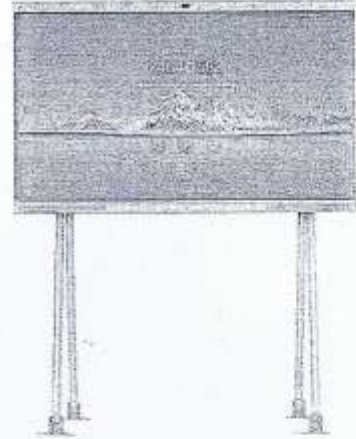


Superb
Interactive Whiteboard

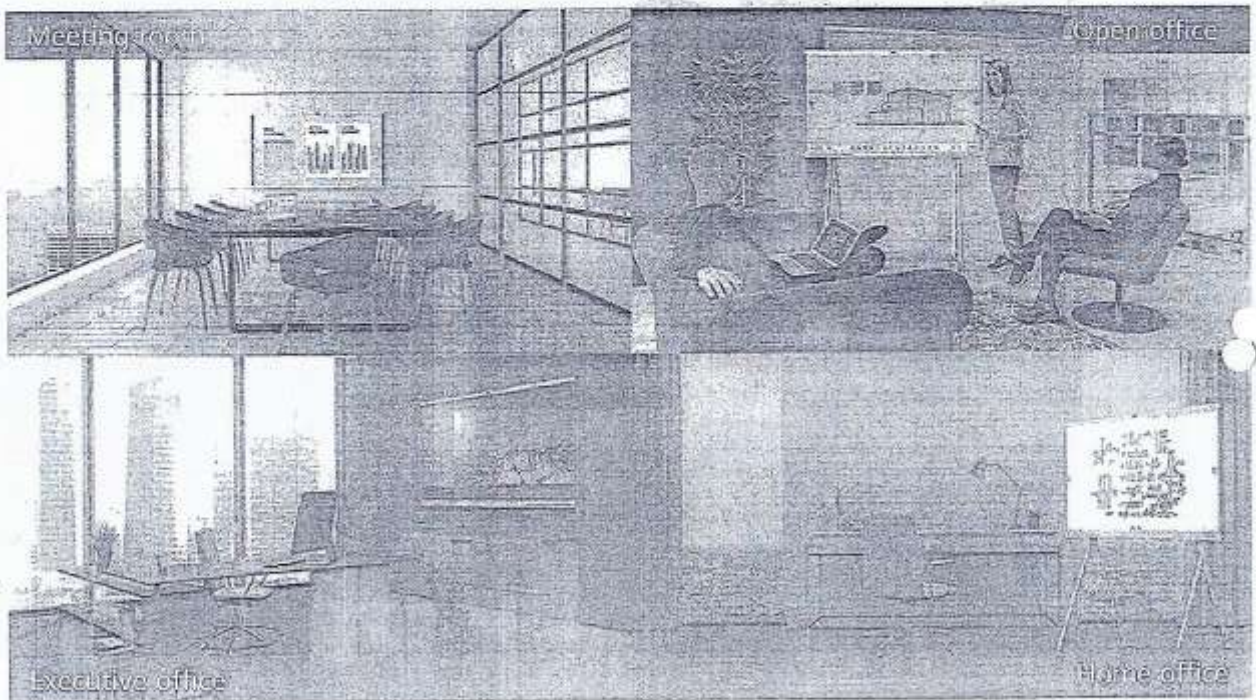
Professional Video
Conferencing

Prosperous Cloud
Ecosystem

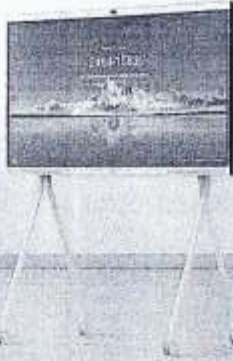
Incorporating interactive whiteboard, UHD projection, video conferencing and open office AppGallery, Huawei IdeaHub series is your new option for smart office in meeting room, open office, executive boardroom, home office and many other scenarios.



Various Application Scenarios



Product Highlights

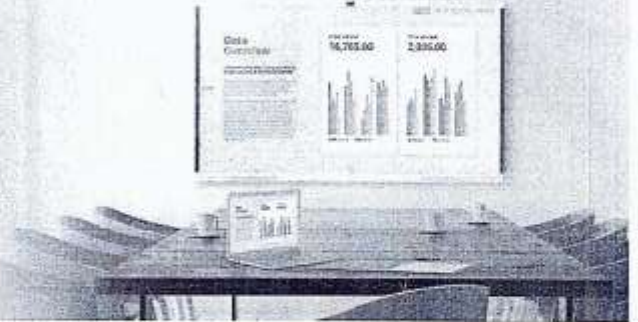


Elegant Simplicity

- Modern user-centric design
- Gentle jade white frame
- Slender artistic stand

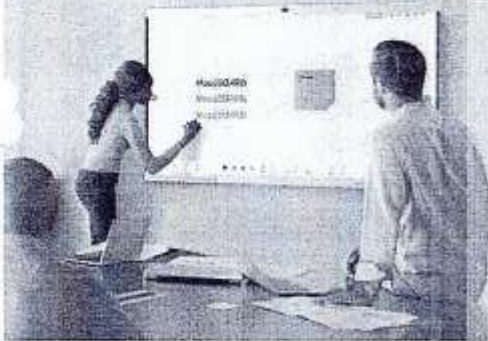
4K UHD Projection for Better User Experience

- Smoother projection with 60 fps
- Higher-definition images and 4K H.265
- More accurate mouse-pointing and ultra-low cursor latency



Superb Interactive Whiteboard with Ultra-low Latency

- Ultra-low writing latency and smooth writing experience
- One tap to send minutes to your mailbox for higher efficiency



Cloud Meeting Support, Easy to Use

- Support 3rd party cloud meeting service (OPS module required)
- High network adaptability, 30% PLC for video, and 80% PLC for audio



Product Highlights



Native 4K & AI for Better Meeting Experience

- H.265 HD video and 4K content sharing
- Flexible layout with SVC multistream
- Auto-Framing
- Speaker tracking: automatically tracks the speaker and displays the close-up shot *

Open Ecosystem, Enormous Apps

- Popular apps pre-installed and customizable homepage
- Huawei appGallery with a rich store of HD apps
- Private application portal and web app distribution



Bulletin Board

- Company culture demonstration
- Real-time release of the company internal information in the bulletin
- Hierarchical content management for customization based on scenarios

Open Software and Hardware for Industry Applications

- Windows platform extension, OPS: optional extension module for Windows
- Open SDK: allows 3rd-party to use hardware and audiovisual capability



*: Speaker tracking is only supported by IdeaHub Pro.

SPECIMEN FORM OF BID SECURITY

By this Bond we (hereinafter called "the Bidder") and We (name of bank or insurance company) whose registered office is at (hereinafter called "the Surety") are held and firmly bound onto (hereinafter called the Authority") in the sum of for the payment of which sum the Bidder and the Surety bind themselves their successors and assigns jointly and severally by those presents.

Whereas the authority has invited the Tender and other persons to compete tenders in similar terms for the supply of and to submit the same for the consideration of the Authority, and the Bidder proposes to submit to the Authority a Bid (hereafter called "the Bid") in accordance with such invitation, the Bond shall provide security to the Authority that the Bidder will honour certain obligations to be undertaken by him in the Tender in accordance with the following conditions.

Now the Conditions of this Bond are:

- (a) That it shall remain in full force and effect until the earliest of
 - (i) (Date), being () days from (submission date), the date stipulated by the Authority for the submission of tenders, or any prolongation of such date above notified to the Authority by the Bidder and the Surety in writing.
 - (ii) In the event of acceptance of the Tender by the Authority, the date upon which the Bidder provides a performance security to the Authority in accordance with the terms of the contract thereby made between them, or
- (b) Subject to this Bond being in full force and effect, the Surety shall pay the full amount specified in this Bond upon receipt of first written demand form the Authority stating that.
 - (i) The Bidder has withdrawn his Tender during the validity of this Bond, or
 - (ii) The Bidder has failed to provide a performance security to the Authority in accordance with the terms of the tender within 14 days from receipt of intimation of award of the Tender.

No alteration in the terms of the Tender, nor any forbearance of forgiveness in or in respect of neither any matter or thing concerning the Tender on the part of the Authority, nor any objection from the bidder shall in any way release the Surety from any liability under this Bond.

The benefit of this Bond shall not be assignable by the Authority and upon its ceasing to be in full force and effect the Authority shall return the same to the Bidder.

This Bond shall be governed by the laws of Sri Lanka

I executed as a deed on this () day of () 20 ()

For and on behalf of the Bidder

For and on behalf of the Surety

Signed by -----

Signed by -----

In the capacity of -----

In the capacity of -----

and by -----

and by -----

In the capacity of -----

In the capacity of -----

Seal (where applicable)

Seal (where applicable)

DELIVERY SCHEDULE

(IT IS MANDATORY TO FILL THE FOLLOWING SCHEDULE BY THE BIDDER)

TENDER NO :

ITEM :

QTY :

DURATION	QTY
EX STOCK QTY (WITHIN 01 WEEK)	
01MONTH	
02 MONTHS	
03 MONTHS	
04 MONTHS	
TOTAL	

NAME OF THE BIDDER :

SIGNATURE OF BIDDER :

DATE :

COMPANY SEAL :