

Tender No:

KDU/PRO/CAP/C/158/2023



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

11/07/2023

**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 **03/08/2023**. 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 minimum 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 79 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 bottom of Annex ‘A’ 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 an amount 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. VALIDITY PERIOD OF THE PERFORMANCE BOND/GUARANTEE/SECURITY SHOULD BE COVERED WARRANTY PERIOD + 28 DAYS.** 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.

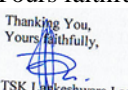
15. **PAYMENT TERMS FOR LOCALLY DELIVERED ITEMS.**

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 30-45 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,



TSK Lankeshwara, Lsc  
For Vice Chancellor

TSK Lankeshwara Lsc  
Lieutenant Commander (S)  
For Vice Chancellor  
General Sir John Kotelawala Defence University

**SCHEDULE OF PRICES FOR LOCALLY DELIVERED ITEMS**

S/N	ITEMS	DENO	QTY	PRICE EACH SLRS	TOTAL PRICE SLRS
	<b>SUPPLY &amp; INSTALLATION OF SIMULATED 3D ENVIRONMENT RESEARCH FACILITY WITH VIRTUAL REALITY FOR FACULTY OF COMPUTING</b>				
01	Supply & Installation Of Simulated 3d Environment Research Facility With Virtual Reality	No's	01		
	<i>Attached The Specifications</i>				
	TOTAL				
	DISCOUNT				
	TOTAL(AFTER DISCOUNT)				
	VAT %				
	GRAND TOTAL				
<b>RETENTION - 05% OF THE TOTAL AMOUNT UNTIL THE ENTIRE SOLUTION IS PROVIDED TO THE SATISFACTION OF KDU</b>					

**(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 ADED 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](mailto: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 ADDRESS - .....



**(E) Bid Reference: KDU/PRO/CAP/C/158/2023**

.....  
**DATE**

I/We agree to abide by the condition of No 01-16 bidding document 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 :- .....

**Specifications for the Simulated 3D Environment Research Facility with Virtual Reality at General Sir John Kotelawala Defence University, Ratmalana, Sri Lanka.**

**List of equipment**

The supplier should be able to provide the total solution with the list of equipment mentioned below.

No	Description	Unit	Qty
1	Virtual Reality Headset - Type 1	Nos	5
2	Virtual Reality Headset - Type 2	Nos	1
3	3D Modelling/ Simulation Software	Nos	1
4	Standalone VR Design, Simulation, and Evaluation Platform (with min. 05 seats)	Nos	1
5	Cloud-based VR Platform (with min. 05 seats) with Cloud-based Project Management Interface (with min. 10 seats) <ul style="list-style-type: none"> <li>• VR server + Project management server (Dedicated servers need for both)</li> <li>• Subscription, Maintenance, Technical Support</li> </ul>	Nos	1
6	High-Performance Computer	Nos	1
7	Wi-Fi Router	Nos	1
8	Full HD Smart TV (min. 43")	Nos	1
9	Installation, Configuration, and commissioning of all hardware and software	Nos	1
10	Comprehensive training on all hardware and software (min. 05 full days in-person training)	Nos	1

## 1. Virtual Reality Headset - Type 1

Specification	Requirements
Display	Fast-Switch type LCD Display with Min. 60 Hz Refresh Rate
Resolution	Min. 1600 x 1800 Resolution Per Eye
Processor	Qualcomm Snapdragon 835 or higher
RAM	Min. 6GB
Storage	Min. 128GB
Audio	Built-in speakers and microphone with 3.5 mm audio port
Connectivity	Wi-Fi 4 or higher(should support both 2.4 GHz and 5 GHz bands), Bluetooth 4.0 or higher, Cable connection with PC via USB 3.0 port
External device support	Should be able to connect a keyboard, mouse, or gamepads wirelessly
Applications	Should provide mobile and PC applications with real-time connectivity via Wi-Fi
Touch Controllers	Two touch controllers with haptic feedback, 5 hrs. of continuous operation with a full charge, Built-in rechargeable batteries or rechargeable batteries with charger should be provided
racking	In-built tracking system with 6 DOF and should able to track the movement of both head and body
Sharing Facility	Wireless real-time VR environment sharing with external monitors
Battery	Min. 2.5 hrs. continuous operation
Integration	Should be able to integrate with the cloud-based and standalone VR platforms provided without additional tools + Technical support for two years
Warranty	02 years

## 2. Virtual Reality Headset - Type 2

Specification	Requirements
Display	Fast-Switch type LCD Display with Min. 90 Hz Refresh Rate
Resolution	Min. 1800 x 1920 Resolution Per Eye
Processor	Qualcomm Snapdragon XR2 or higher
RAM	Min. 12GB
Storage	Min. 256GB
Field of view	Min. 90° Horizontal × 60° Vertical
Audio	Built-in speakers and microphone with 3.5 mm audio port
Connectivity	Wi-Fi 6 (should support both 2.4 GHz and 5 GHz bands) Bluetooth 5.0, Cable connection with PC via USB 3.0 port
External device support	Should be able to connect a keyboard, mouse, or gamepads wirelessly
Applications	Should provide mobile and PC applications with real-time connectivity via Wi-Fi
Touch Controllers	Two touch controllers with haptic feedback, 5 hrs. of continuous operation, Built-in rechargeable batteries
Tracking	An in-built tracking system with 6 DOF should be able to track the movement of both the head and body
Sharing Facility	Wireless real-time VR environment sharing with external monitors
Battery	Min. 2.5 hrs. continuous operation
Charging	Charging dock with Min. 45W
Integration	Should be able to integrate with the cloud-based and standalone VR platforms provided without additional tools + Technical support for two years
Warranty	02 years

### 3. 3D Modelling/ Simulation Software

Specification	Requirements
CAD/CAM Software	Part and Assembly Modeling 2D Drawings Design Reuse and Automation Collaborate and Share CAD Data Interference Check First-Pass Analysis Tools CAM Programming Design for Manufacturing (DFM) Productivity Tools Advanced CAD File Import/Export and 3D Interconnect Xtended Reality (XR) Exporter CAD Libraries Design for Cost ECAD/MCAD Collaboration (CircuitWorks) CAD Standards Checking (Design Checker) Collaboration with eDrawings Professional Automated Tolerance Stack-Up Analysis (TolAnalyst) Advanced Photorealistic Rendering SOLIDWORKS File Management Reverse Engineering (ScanTo3D) Time-based Motion Analysis Linear Static Analysis for Parts and Assemblies Pipe and Tube Routing Electrical Cable and Wiring Harness Routing Advanced Surface Flattening Rectangular and Other Section Routing
Special Features	Should be able to export 3D models into the standalone and cloud-based VR platforms provided
Warranty	Lifetime license with 02 years of software updates

#### 4. Standalone VR Design, Simulation, and Evaluation Platform (with min. 05 seats)

Specification	Requirements
VR Composer	<p><b>Import file formats</b>            3DS MAX *.3ds/ CATIA *.3dxml/ Collada *.dae/ CTM *.ctm/ DWF *.dwf *.dxf/ DWG (2021)*.dwg *.dxf/ FBX (2023)*.fbx/ GLTF *.gltf *.glb/ IFC *.ifc/ IGES *.igs *.iges/ INVENTOR (2023) *.iam *.ipt/ LightWave*.lwo, *.lw/ OSG *.osg/ PRC *.prc/ RHINO 3D *.3dm/ SKETCHUP (2023) *.skp/ SOLIDWORKS (2023) *.sldasm *.sldprt (2023)-(2019)/ STEP *.stp *.step/ STL *.stl/ U3D *.u3d/ USDZ *.usdz/ Point Cloud *.xyz, *.pcd, *.e57, *.las, *.laz/ WAVEFRONT OBJ *.obj/ ZBRUSH *.goz/ Mechanical ACIS (1.5 - 28.0) *.sat/ Creo (2 - 5) *.prt *.asm/ NX (5 - 1899) *.prt/ PARASOLID (12 - 32) *.x_b *.x_t *.xmt_bin *.xmt_txt/ SOLIDEDGE (ST7-2023)*.asm *.par *.psm/ Ultimate</p>
Pairing Capability	<p><b>Should support below CAD Applications via plugins</b>            Rhino Plugin, Rhino Plugins, Solid Edge Plugin, Solid Edge Plugins, SketchUp Plugin, SketchUp Plugins, SolidWorks Plugin, SolidWorks Plugins, Spirit Plugin, Spirit Plugins, Zbrush Plugin, Zbrush Plugins, Rhino Plugin, ZW3D Plugins</p>
Animation capability	<p>Should be able to import rigid and flexible animations, modify them, and play and control them inside a VR environment.</p>
VR Creation	<p><b>3D Files Support:</b> Should support 3D/CAD/VR file formats mentioned above to read and import.  <b>Animations</b>            Import rigid and flexible animations, modify them, and play and control them inside VR.  <b>VFX</b>            Add customizable visual effects to your scenes and bring life to them.  <b>Object Actions</b>            Make objects clickable and assign actions to them in seconds.  <b>Lightning</b>            Ultimate control of your environment and lightning.</p>
VR Viewer	<p>PC / Steam VR Headsets (Windows/ macOS), Smartphone VR (Android/ iOS), Should support standalone VR headsets.  <b>Environment Control:</b> Tools to control the lighting of the scene, Sun and Sky, Fog, and HDR lights in real-time while in VR.  <b>VR Catalog:</b> Local and online interactive 3D models that can</p>



	<p>be imported and placed in the scene to complete the experience.</p> <p><b>Editing Materials:</b> Edit materials properties directly on VR, Change material types, and pick/apply tools available as well.</p> <p><b>Notes:</b> Notes tools are a very convenient feature. They are very useful for communicating Ideas and comments between the client and the designer.</p> <p><b>Navigation Modes:</b> Have immersive views with different navigation modes, You can walk, jump, jog and run like a human, fly like a bird or have a mechanical turntable view.</p> <p><b>Viewing application:</b> Should be able to view and showcase your the designed VR Experience on all devices using a dedicated application.</p>
VR Training	<p><b>Training Builder</b> The most comprehensive visual tool to create interactions and logic in a VR experience.</p> <p><b>VR Vocational Training</b> Create functional, interactive, safe, and effective VR vocational training.</p> <p><b>Human Guide</b> Adding Human Guides to the VR experience will surely improve the quality of the experience.</p> <p><b>Object Attributes</b> Utilize object BIM attributes to make dynamic behaviors for objects in your scenes.</p>
VR Evaluation	<p><b>Quizzes</b> Create different types of quizzes, customize their look and arrange them in your VR training.</p> <p><b>Surveys</b> Add surveys to evaluate your VR experiences and to collect feedback from the viewers.</p> <p><b>User-Defined Check Points</b> Define specific checks and events in the VR experience so you can track viewers' achievements and progress.</p>
Package details	Min. 05 users package with 03 years subscription

### 5. Cloud-based VR Platform (with min. 05 seats)

Specification	Requirements
Cloud Infrastructure	High-performance cloud servers capable of developing VR applications remotely. Data backup systems to ensure data protection. Scalable architecture to handle varying workloads and number of users.
VR Headset Support	Support for a range of VR headset models available in the market, including the provided VR headsets.
User Interface	An easy-to-navigate user interface, both within and outside the VR environment. Customizable avatars and environments for users.
Content Creation and Management	Tools for users to create and customize their own VR experiences. Systems for content management, allowing users to save, load, and organize their VR content.
Remote Connectivity	Should be able to connect from anywhere with the login details, create VR experiences, and download them into the headset.
Cross-Platform Compatibility	Clients should be able to access the VR experiences from a variety of devices, including desktop computers, mobile devices, and VR headsets.
Remote VR Experiences	Clients should be able to access and experience low-bandwidth VR content hosted on the server from anywhere in the world. This could include interactive experiences, virtual tours, educational content, or VR games.
Multi-User Experiences	Multiple remote users should be able to interact in the same virtual space.
Training/ Education	The server should be able to serve as a collaborative platform for learning about VR development. Users should be able to share and discuss their work, get feedback, and learn from each other's experiences.
Support	Continues support for research and development: min 2 hours per week (during the subscription period)

Project Management Interface	Should be able to log into the system from any web browser without installing additional software. Should be able to create individual projects, add users for the projects, assign users to any created project, add descriptions, and sub-tasks, add files, add external links, able to add comments/ discussion threads for each task, upload pictures, files, etc., visualize task flow in Gantt charts.
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## 6. High-Performance Computer

Specification	Requirements
Display	Min 27" inch FHD 120Hz(min) Curved Gaming Monitor
Processor	Intel Core i9-13900K Processor (36M Cache - up to 5.80 GHz) Cores 24, Threads 32 Dekstop Processor
RAM	32GB (2x16GB) DDR5 5600 MHz Dekstop Memory Kit
Power Supply	750 WATT 80 Plus Gold Certified Fully Modular Power Supply
VGA	Min. GeForce RTX 2060 Super with 8GB GDDR6 Memory Graphics Card
Cooling System	Liquid CPU Cooler
Casing	Cooler Master Masterbox x 540 Case or better
Storage	Min. 1TB NVMe SSD
USB Ports	Min. 2 * USB 3.0 ports and 1 * USB C
UPS	2KVA UPS - POWER SUPPLY
Warranty	03 years

## 7. Wi-Fi Router

Specification	Requirements
Network Standard	IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, WiFi 4 (802.11n), WiFi 5 (802.11ac), IEEE 802.11e, IEEE 802.11i IPv4, IPv6
Data Rate	802.11a : up to 54 Mbps 802.11b : up to 11 Mbps 802.11g : up to 54 Mbps WiFi 4 (802.11n) : up to 300 Mbps WiFi 5 (802.11ac) : up to 433 Mbps
Transmit/Receive	MIMO technology 2.4GHz 2x2, 5GHz 2x2
Memory	16 MB Flash, 64 MB RAM or higher
Operating Frequency	2.4GHz and 5GHz
Ports	RJ45 for 10/100Mbps BaseT for WAN x 1 RJ45 for 10/100Mbps BaseT for LAN x 3 or higher
Control Buttons	WPS Button, Reset Button, Power Button
Warranty	03 years

**8. Smart TV/ Monitor**

<b>Specification</b>	<b>Requirements</b>
Basic requirements	Full HD 1920*1080, min 43", Android 9.0 or higher, Aspect Ratio 16:09
Other requirements	Wireless Screen mirror from PC, VR headsets, and other VR devices

**9. Service agreements and documentation**

Installation, Configuration, and commissioning of all hardware and software need to be supplied by the prospective supplier.

Comprehensive training on all hardware and software needs to be given.

**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 .....
- (b) ....., the Surety shall pay the full amount specified in this Bond upon receipt of first written demand from 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 or 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

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Signed by -----

Signed by -----

In the capacity of -----

In the capacity of -----

and by -----

and by -----

In the capacity of -----

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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	
<b>TOTAL</b>	

NAME OF THE BIDDER : .....

SIGNATURE OF BIDDER : .....

DATE : .....

COMPANY SEAL : .....