

REQUEST FOR QUOTATION (RFQ)

(X) URGENT / () NORMAL

To:
Attention:
From: IT Department, AIMS-Cameroon
cc:
Date: 19/03/2021
Re: ***Installation and Furnishing of TTL at HTTC BAMBILI***

Email:
Our file *CE-CM-TTP-RFQ-2021-*
ref.: *03-19-Bambili-TTL*
N° of pages including this page: 11

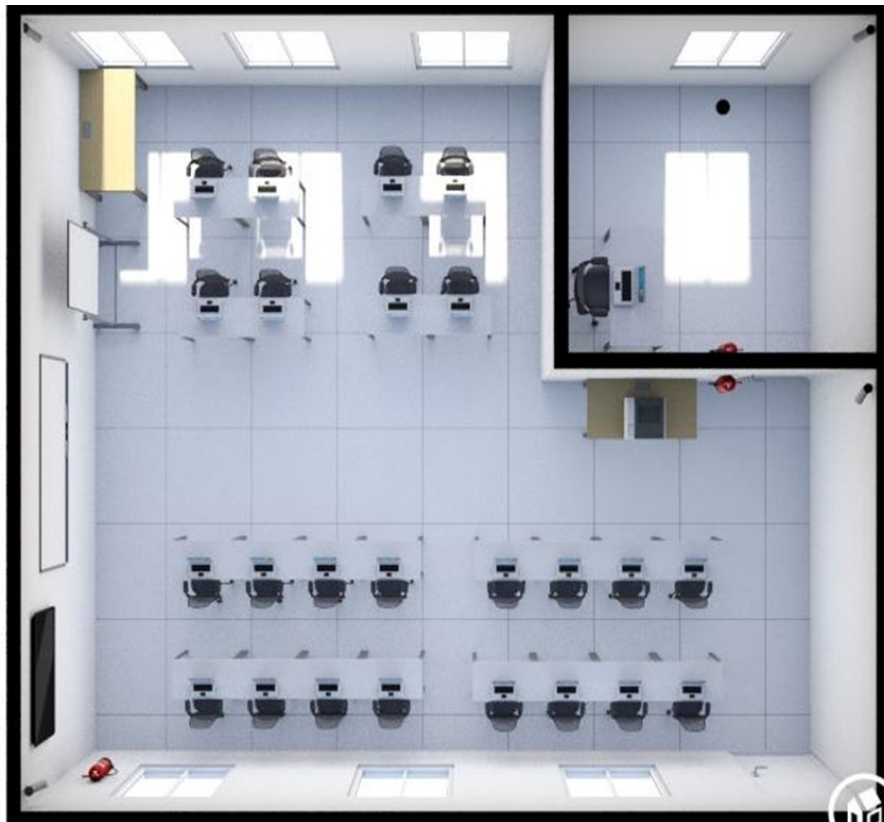
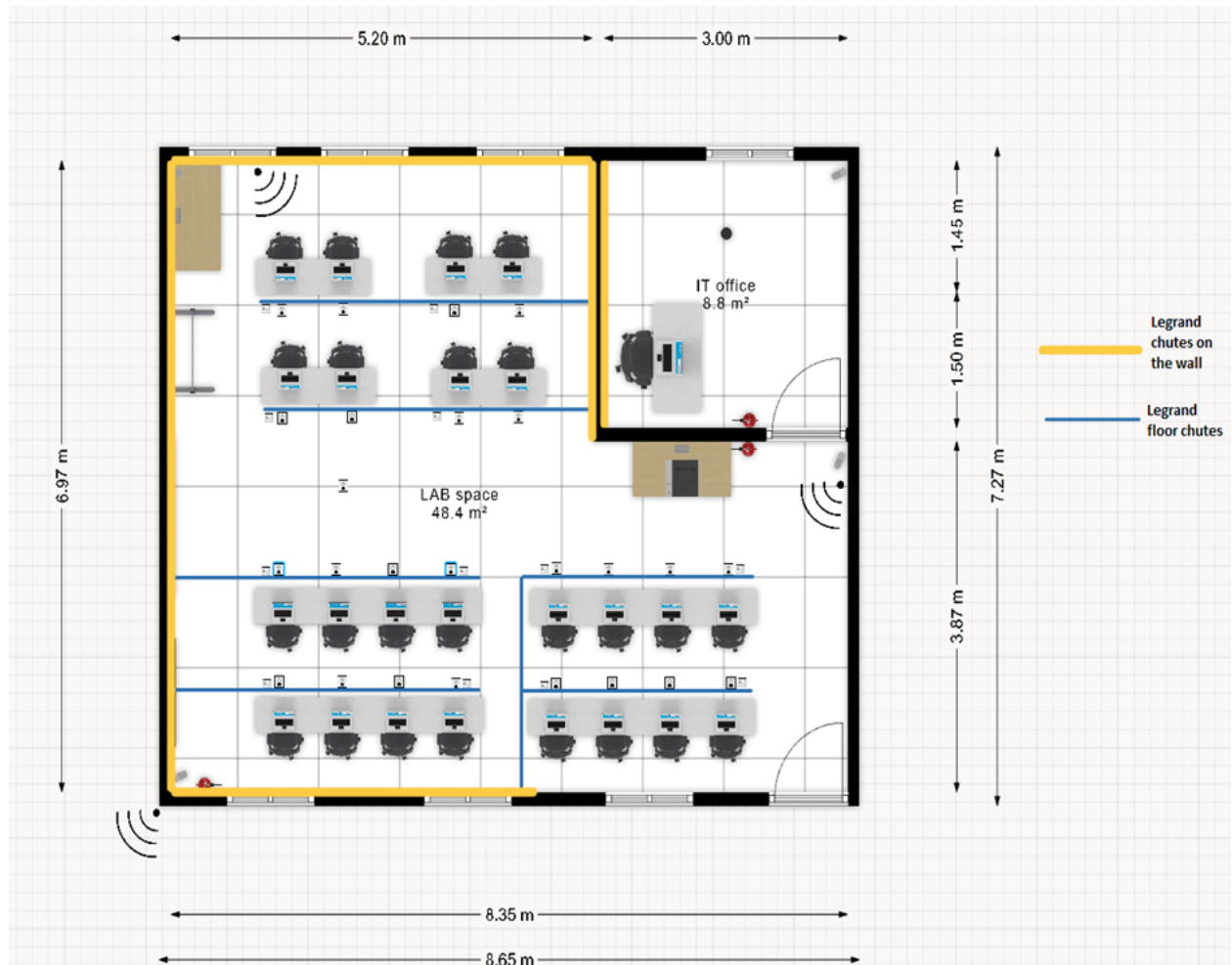
If you do not receive all pages, please contact us immediately. Thank you.

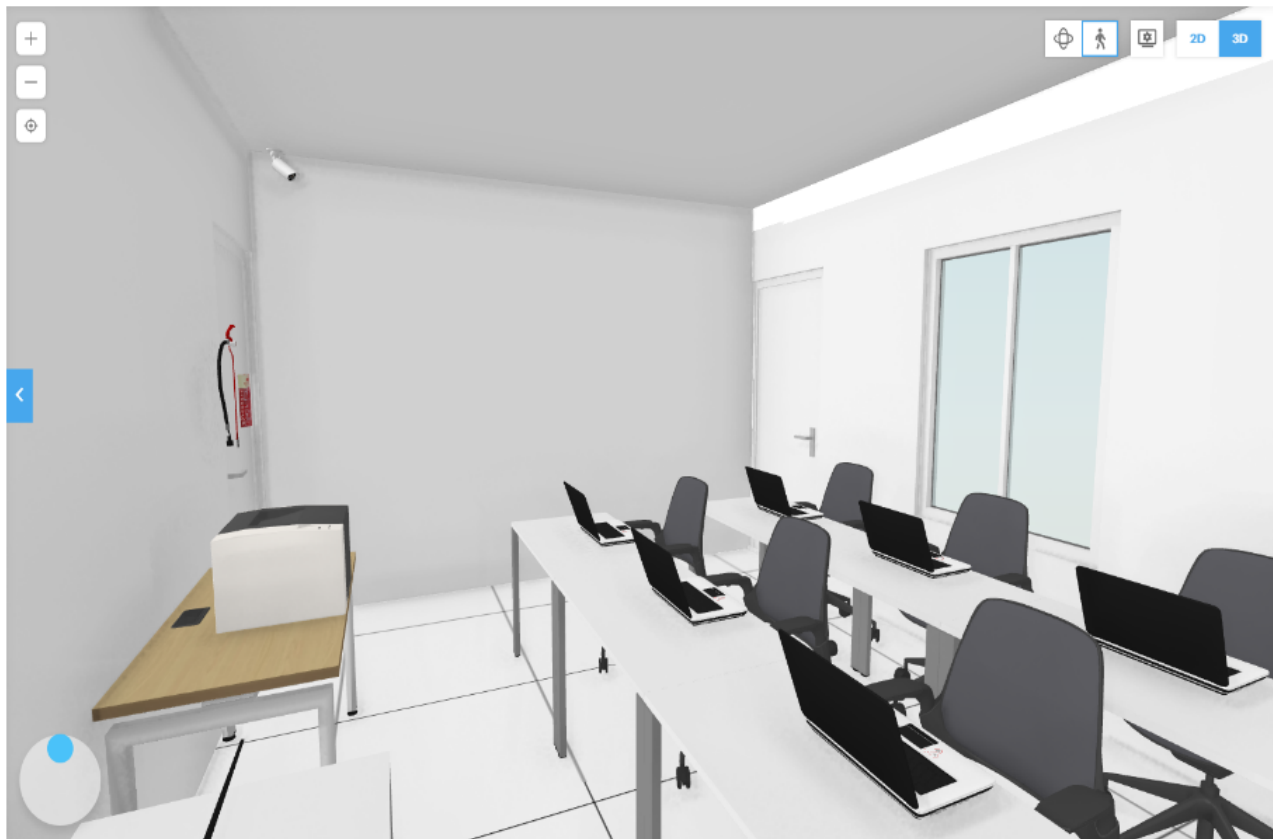
REQUEST FOR QUOTATION

The African Institute for Mathematical Sciences in *Cameroon* kindly requests your best firm offer for one or more of the lots specifying requirements for the INSTALLATION AND FURNISHING of the Teacher Training Laboratory *at the Higher Teacher Training College of BAMBILI*.

Type, Quantity and Quality specifications:

BLUEPRINTS:





LOT 1: Physical security and painting

This lot consists in:

a) the supply and installation of:

N°	Description	Qty	Dimension	Comments
1	a second lock on the iron door at the entrance to the main room (a padlock lock)	1		
2	a second aluminium door with laminated glass upper part and automatic closing mechanism on the main room door (LAB)	1		
3	a second aluminium door with lower and upper part in laminated glass and automatic closing mechanism in the server room	1		
4	blinds on all windows (main room and server room)	7		
5	an iron cage outside for 20 KVA UPS	1	2x2m	
6	an illuminated sign post on the main building of the TTP	1	2.4x1m	
7	a display board with red tapestry exterior wall main façade of LAB	1		
8	an intrusion detector alarm system, motion detection, fire detection, digital keypad, external siren, outdoor flashing light and sending of alert SMS (with battery electric autonomy of at least 48 hours)	1		

b) the painting of:

N°	Description	Qty	Dimension	Comments
9	the lab: white down and burgundy up 80cm from the ceiling (AIMS colours) (Interior and exterior, walls and ceilings)	1		
10	logos on the white wall at the back of the lab	6		
11	anti-theft grilles on all windows in burgundy			

c) the activities specified in the table below:

N°	Description	Qty	Dimension	Comments
12	labelling of all the doors with aluminium support in burgundy;	2		
13	toughening of the anti-theft grilles on all windows;			
14	building of separation walls at ceiling level isolating the space allocated to the LAB from the rest of the building			Disassemble part of the ceiling, build the separation walls, then reassemble it

LOT 2: Fire safety (fire extinguisher + smoke detector)

This lot consists in the supply and installation of:

N°	Description	Qty	Dimension	Comments
1	three powder fire extinguishers: 2 in the hall and 1 in the server room	3		
2	a smoke detector in the server room	1		At the ceiling above the servers

LOT 3: Secure electrical wiring, lighting (internal and external) and UPS

All electrical wire should be 100% copper

This lot consists in:

a) the installation of:

N°	Description	Qty	Dimension	Comments
1	2 corrugated electrical outlets (red color) and 1 non-corrugated electrical outlet (white color) so as to serve each workstation. All sockets must be recessed with cover and fixed to the floor. (Legrand / Schneider brand)	25		2P+T Brand: Legrand / Schneider
2	2 non-corrugated electrical outlets so as to serve the 2 additional LAB tables. These outlets must be recessed with cover and fixed to the wall. (Legrand / Schneider brand)	2		2P+T Brand: Legrand / Schneider
3	corrugated electrical outlets (red in color) on the front wall to power the Smartboard and Smart TV	2		2P+T Brand: Legrand / Schneider
4	electrical outlet at the ceiling near the video projector.	1		2P+T Brand: Legrand / Schneider
5	a junction box in the server room, electrical safety devices, circuit breakers, monitoring, surge arrester	1		
6	an electrical grounding and connect the electrical network to it	1		
7	an additional lighting system in the LAB with raster luminaires	4		
8	3 corrugated electrical outlets in the server room (IT office) so as to supply the patch bay, 2 corrugated electrical outlets for the workstation in the server room and 3 other non-corrugated outlets in the room for other equipment.	1		

b) the supply and installation of:

N°	Description	Qty	Dimension	Comments
9	a video projector display whiteboard serving as a touch surface for the mobile smartboard	1	2mx2m	
10	a 20KVA UPS to serve all the corrugated electrical circuit of the LAB, connection of the inverter and the UPS to the main electrical circuit for automatic failover in the event of a power outage	1		Recommendation: Brand APC (smart UPS)
11	a module with 4 electrical outlets by tables for the 2 computers that will be deployed there	13		the modules must be fixed directly on the table in a discrete way in order to supply the whole table at the level of the sockets installed on the ground

c) the activity specified in the table below:

N°	Description	Qty	Dimension	Comments
12	Reorganization and securing of the electrical network using junction boxes, fuses and differential circuit breakers. Isolation of the LAB and the server room from the rest of the electrical network, separation of the electrical lines for lighting, corrugated outlets, non-corrugated outlets and air conditioners	1		

LOT 4: Wiring and configuration of computer network and WiFi network + video surveillance (internal and external)

All cat6 network wire should be 100% copper and brand should be Legrand / Schneider or a good equivalent

This lot consists in:

a) the installation of:

N°	Description	Qty	Dimension	Comments
1	cat 6 network cabling connected to 27 RJ45 sockets (in the LAB) and 2 RJ45 sockets (in the server room) all connected to the patch bay of the server room (IT office)	29		In the LAB: 24 on the ground for workstations, 2 on the walls (photocopier + presenter desk) and 1 on the ceiling (video projector)
2	cabling of all the additional equipment of the LAB and the server room in cat6 (internal and external wifi access points, IP Camera, Video projector)	10		03 AP Unifi Pro (2 internal and 1 external), 6 Cameras (4 internal and 2 external), 1 video projector on the ceiling
3	cat 6 network cabling in the server room (IT office) to connect the workstation	1		

b) the supply and installation of:

N°	Description	Qty	Dimension	Comments
4	a 48U server rack in the server room	1		
5	24 port rj45 cat6 patch panels	2		
6	rack-mountable electrical sockets in the server bay	2		
7	an HP server proliant dl380 Gen10 dualprocessor with 16GB or more of RAM, dual power supply and at least 4 disks of 500GB each	1		
8	a Mikrotik RB 1200 router or higher	1		
9	CISCO 24-port switch Catalyst 2960 series or higher 10/100/1000 (manageable)	2		One of them should have at least 12 PoE ports to supply cameras and wifi AP
10	the various cat 6 (1m and 3m) cords preswaged for the rack in server room and for the workstations in the LAB	100		
11	high resolution (4MP or higher) internal	4		3 internal camera and 1 external

N°	Description	Qty	Dimension	Comments
	20m infrared PoE IP cameras			
12	high resolution external 50m infrared PoE IP cameras	2		
13	an NVR for IP cameras at least 8 tracks, 1TB hard drive, recording capacity on motion detection	1		
14	a 32 "LED display (Hisense) serving as a camera control monitor	1		
15	a Unifi WiFi controller	1		
16	unifi wifi access points connected to their unifi controller	3		
17	a NAS of 2To (synology)	1		
18	a KVM console for server administration	1		
19	a network copier	1		Brand: Canon Model: ImageRUNNER ADVANCE C3320i or higher

LOT 5: Air conditioning (Lab + IT Office + UPS room)

This lot consists in the supply and installation of:

N°	Description	Qty	Dimension	Comments
1	a 3cv or higher air conditioners in the LAB	2	48m2	Evaluate the room and calibrate the number and power of air conditioners really needed. Brand: samsung/LG
2	a 3cv or higher air conditioners in the server room	1	8.8m2	Size the air conditioner so as to maintain the equipment at a temperature of 18 ° 7 days a week and 24 hours a day Brand: samsung/LG
3	a 2cv or higher air conditioner in the external UPS cage	1		Size the air conditioner so as to maintain the UPS at a temperature of 18 ° 7 days a week and 24 hours a day Brand: samsung/LG

LOT 6: Supply and delivery of Lab tables and chairs

Nº	Description	Qty	Dimension	Comments
1	Wheeled chairs	27		
2	Hideaway tables	14	140x70	See the examples in the Hideaway table sample tab of this file
3	Instructor desk	1	140x60	
4	server room desk	1	140x60	
5	copier table	1	140x70	
6	Whiteboard on stand	1	120x60	



LOT 7: Supply and Installation of Smart TV, Smart board, Video Projector and Sound System

This lot consists in:

a) the supply and installation of:

N°	Description	Qty	Dimension	Comments
1	a smartTV LED 54"	1		Hisense serie 6 or higher
2	an Epson EB-982W or higher video projector and its installation support (to be installed on the ceiling by connecting an HDMI cable and a VGA cable. HDMI and VGA cables should come out at the front table)	1		Bright HD-Ready WXGA display 4,200 lumens WXGA 3LCD technology 1.6x optical zoom, HDMI, RJ45 port
3	wall speakers of 120 watt or higher and connect them by cable to the sound system (mixer)	2		
4	an amplified sound system with bluetooth (in a metal protective cage)	1		
5	a set of 2 wireless microphones and connect them to the sound system	1		

b) the installation of:

N°	Description	Qty	Dimension	Comments
6	a new generation mobile smart board	1		calibrate the Video projector and the projection space provided for optimal stylus operation. The new generation mobile smart board will be provided to you

Incoterm:

N/A

Quality specifications:

See specific lots

Alternatives:

Alternatives of equal standing or quality are welcome

Packaging:

N/A

Weights and Dimensions:

See specific lots

Marking:

N/A

Language:

English / French

Labelling:

N/A

Packing list:

N/A

Required documents and certificates:

- Registration
- Tax
- EPA
- CE Certificats

Distribution of documents and certificates

N/A

Cost breakdown:

- Cost Per Item
- TVA
- TTC Cost Price

Currency:

All costs to be given in FCFA only.

Delivery Date:

As required to meet contract deadline

Samples

N/A

Inspection

N/A

Liquidation Damage Clause

Please be advised that delivery after agreed schedule may be subject to a deduction from the invoice of 0.1% up to 5% of the total cost CPT value of the contract.

Payment

100 TT Payment 30 days after Delivery

Validity:

Your offer must remain valid for 45 days before which a Purchase Order, if placed, should be accepted by you.

Insurance

N/A

All or None Clause:

We reserve the right to accept the whole or part of your offer and the lowest evaluated bid need not be accepted.

Special Requirements:

- Quotations submitted after the submission deadline shall not be accepted.
- AIMS reserves the right to reject any or all bid proposals, or to cancel the bidding process.

- AIMS does not guarantee any contract as a result of this invitation.
- **IMPORTANT: All enquiries regarding information on this RFQ must be submitted in writing to procurement-enquiries@aims-cameroon.org. No bid should be submitted to procurement-enquiries@aims-cameroon.org.**

Conditions for submitting offers:

Online Bids with “INSTALLATION AND FURNISHING of the Teacher Training Laboratory at the Higher Teacher Training College of BAMBILI + Lot Number” in the Subject line must be sent to quotation@aims-cameroon.org and received no later than **4:00 PM (Cameroon time) on April 16th, 2021**

You may submit a quotation for one or multiple lots. **You must submit a separate email for each lot.**

Offers not addressed and sent as such will be automatically disqualified from the tender process.

Only email submission to quotation@aims-cameroon.org is the acceptable method of submission of bids. No other distribution of the proposals shall be made by the bidder.

Confirmation:

Please acknowledge receipt of this document and indicate your intention to bid.

Terms and Conditions:

Please state in your offer your acceptance of attached AIMS-NEI Terms and General Conditions.

N.B. Kindly submit your best firm offers as negotiation will not be entered into.

Thank you and best regards,

Honoré Bernard Youfegnuy
Chief Operating Officer, AIMS-Cameroon
