

CORRIGENDUM-I

FOR

Tender Notification No.: IIMT/2021-22/IT/HBC/02; Dated 18.05.2021

Notice Inviting Tender for Supply, Installation, Testing and Commissioning of Audio-Visual Materials (Cameras, Speakerphones, Mounting Brackets, Stands Etc.) For Setting up the Hybrid Classrooms in IIM Tiruchirappalli

Corrigendum/Amendments/Extension in the tender document

- 1. Please refer the Tender for Supply, Installation, Testing and Commissioning of Audio-Visual Materials (Cameras, Speakerphones, Mounting Brackets, Stands Etc.) For Setting up the Hybrid Classrooms in IIM Tiruchirappalli:**

Reference to Tender	Queries raised by the Bidders/ Bidders Representatives	Decision of IIMT
Page No: 27 of BoQ, Serial no: 3	Requirement of 08 numbers of Floor Stand for PTZ camera were mentioned in the BoQ. But as per camera quantity, only 06 numbers required. Kindly advise	The quantity has been reduced to 06 Nos. in place of 08 Nos. (Change in Quantity)
Page No: 27 of BoQ, Serial no: 5,6 and 7	One of the Bidders requested to add HIKVISION brand for supply of Zone/Motion Tracking Camera.	The Institute decided to maintain the same make/brands mentioned in the Tender document and no more additional brands will be included. Brands mentioned in the tender document shall only be considered for evaluation.
Page No: 27 of BoQ, Serial no: 7	Kindly advise the desired functionality of the considered Microphone array system and Beam forming microphone?	It is to capture the voice of the Faculty in the Hybrid classroom.



R. Ravikumar
Administrative Officer (S&P)



INDIAN INSTITUTE OF MANAGEMENT TIRUCHIRAPPALLI

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Dated 18.05.2021

Reference to Tender	Queries raised by the Bidders/ Bidders Representatives	Decision of IIMT
Page no: 7, Point No: g	Beam forming microphone array system for 80 Seater classrooms, Minimum of 100 microphone elements has been asked to provide in the tender document. The Vendor requested to change it to 24 microphone elements, since not all brands have 100 microphone elements	Since the microphone is USB based, there should be ' at least 24 Microphone elements in the ceiling tile type beam forming microphone ' instead of 100 microphone elements. (Change in Specification)
	Vendors requested to share the schematics and Layout drawings, if any, to validate the BOQ.	The AV Schematic diagrams and ceiling plan pertaining to 80 and 50 Seaters are placed as Annexure – I & II.
	Required Cables and connectors are not captured in the BoQ, kindly clarify the same.	The Schematic will provide the requirement of cables' length and connectors. Actual requirement will vary depends upon the products/brands. Providing of the required cables and connectors are the responsibility of the bidders. The details are given in the above mentioned Annexures
Page 9; Item h	Microphone array system/ Speakerphone system with high voice capturing capacity for 50 Seater Class rooms. Kindly be specific whether the Institute requires a table microphone or ceiling microphone. Because there is a huge cost difference between both. (Change in Specification)	The vendor has to provide either ' a hanging microphone ' or ' table top speakerphone along with an extension speakerphone & floor stand for both the mics '. In case of table top microphones, two heights adjustable (should be adjustable from 72 cm) premium quality floor stands (02 Nos) shall be provided by the vendor to place the speaker-phones (wooden/steel/custom-made/ready-made).


R. Ravikumar
Administrative Officer (S&P)
18/05/2021

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Reference to Tender	Queries raised by the Bidders/ Bidders Representatives	Decision of IIMT
Page 7 to 9; Item e*, f@, g# and h ^s	<p>*e. Zone/Motion Tracking Camera for 50 Seater Class rooms.</p> <p>@f. Zone/Motion Tracking Camera for 80 Seater Class rooms.</p> <p>#g. Beam forming microphone array system for 80 Seater classrooms</p> <p>^sh. Microphone array system / Speakerphone system with high voice capturing capacity for 50 Seater Class rooms.</p> <p>Whether we can quote any other brand other than the brand mentioned in the tender for the above mentioned items which matches the specification.</p>	<p>No. The Institute decided to maintain the same make/brands mentioned in the Tender document and no more additional brands will be included.</p> <p>Brands mentioned in the tender document shall only be considered for evaluation.</p>
Page No: 27 of BoQ, Serial no: 2	What is the Length of the HDMI cable?	Length of the HDMI cable should be between 7.5 and 10 Meters as available in the respective brands.
	The bidder requested to release the payment on delivery of the items being a MSME bidder.	The payment will be released as per the tender conditions after successful commissioning of all the items.
	Whether Annexure-VI (Near Relative Certificate) needs to be signed by all the Directors?	No. Signing authority of the Tender document can only sign the Annexure-VI .
	Whether warranty certificate needs to be given for all the items or only Microphones and Camera?	OEM Warranty certificates should be provided by the successful bidder for the active components as mentioned in the Tender document.
Page No: 21, Point No: GTC 11 (e).	The bidders have requested to extend the delivery schedule from 30 days to 45 days due to transport restrictions imposed in many states due to current lockdown. (Change in delivery schedule)	The Institute extended the delivery schedule from 30 days to 45 days in view of the current lockdown situation in many states. The successful bidder should complete the work within 45 days from receipt of the Work Order.


R. Ravikumar

Administrative Officer (S&P)



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Reference to Tender	Queries raised by the Bidders/ Bidders Representatives	Decision of IIMT
		<i>The AV Schematic diagrams and ceiling plan pertaining to 80 and 50 Seaters are placed as Annexure – I & II.</i>
		The video of the classroom is available in the below drive url: https://drive.google.com/file/d/1ya48YBkbSKn4j4gvCvAi3ub2qmb3-rTY/view?usp=sharing
		The last date for submission of the tender is extended up to 15th June 2021 (1700 Hrs.)
		Opening of Master Envelope and Technical Bid will be held on 16th June 2021 at 16.00 hrs through Virtual Mode. Please refer IIMT website on 15 th June 2021 for online link.

For any technical queries & clarification regarding the tender, the bidders are requested to contact
E-mail: ithelpdesk@iimtrichy.ac.in / **Phone:** 0431 - 250 5073/5111.

All other points mentioned in the Tender document other than the above Corrigendum will remain same.

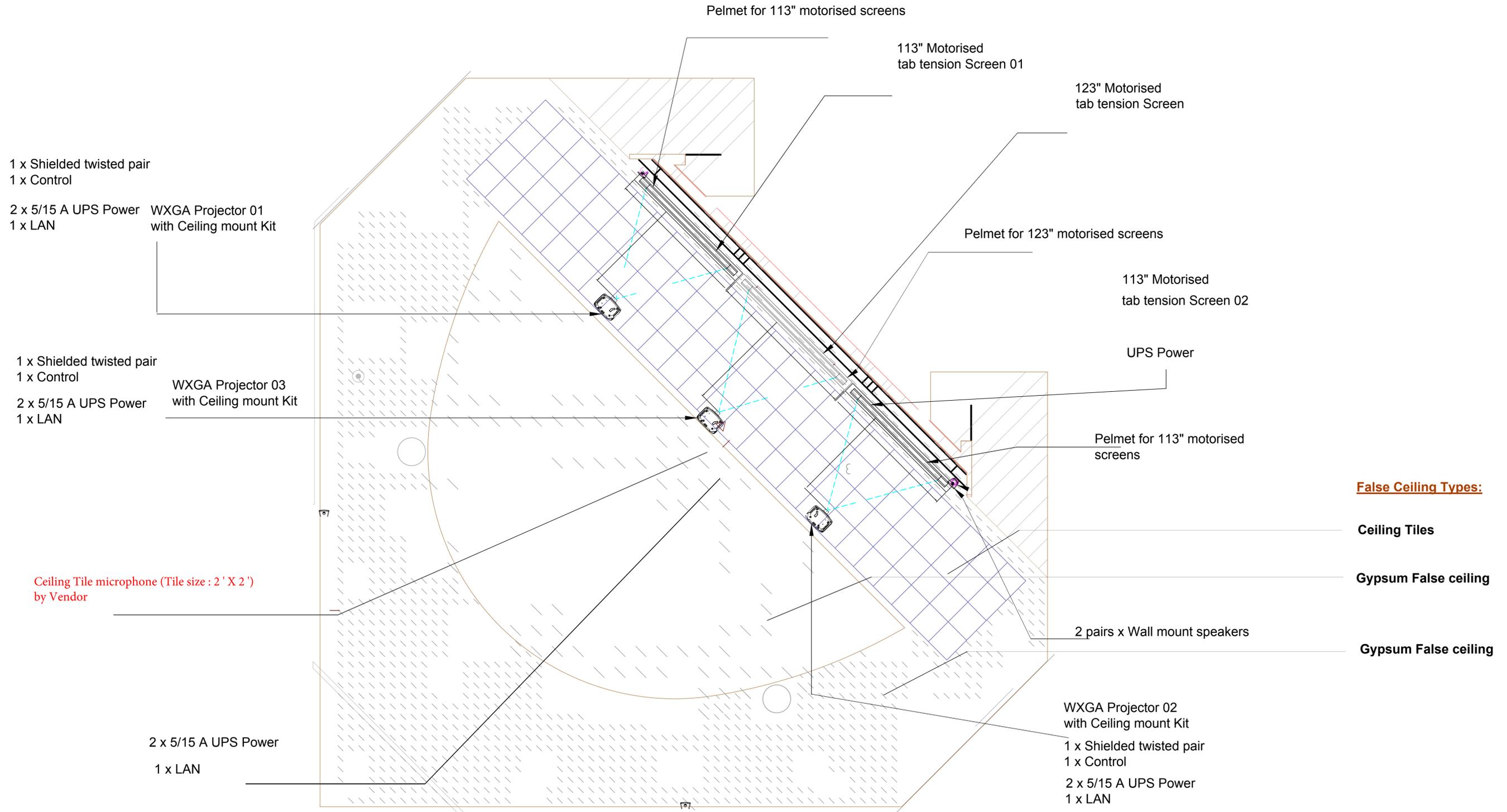

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The video of the classroom is available in the below drive url:

<https://drive.google.com/file/d/1ya48YBkbSKn4j4gvCvAi3ub2qmb3-rTY/view?usp=sharing>

CEILING PLAN - 80 seater

Annexure-I



False Ceiling Types:

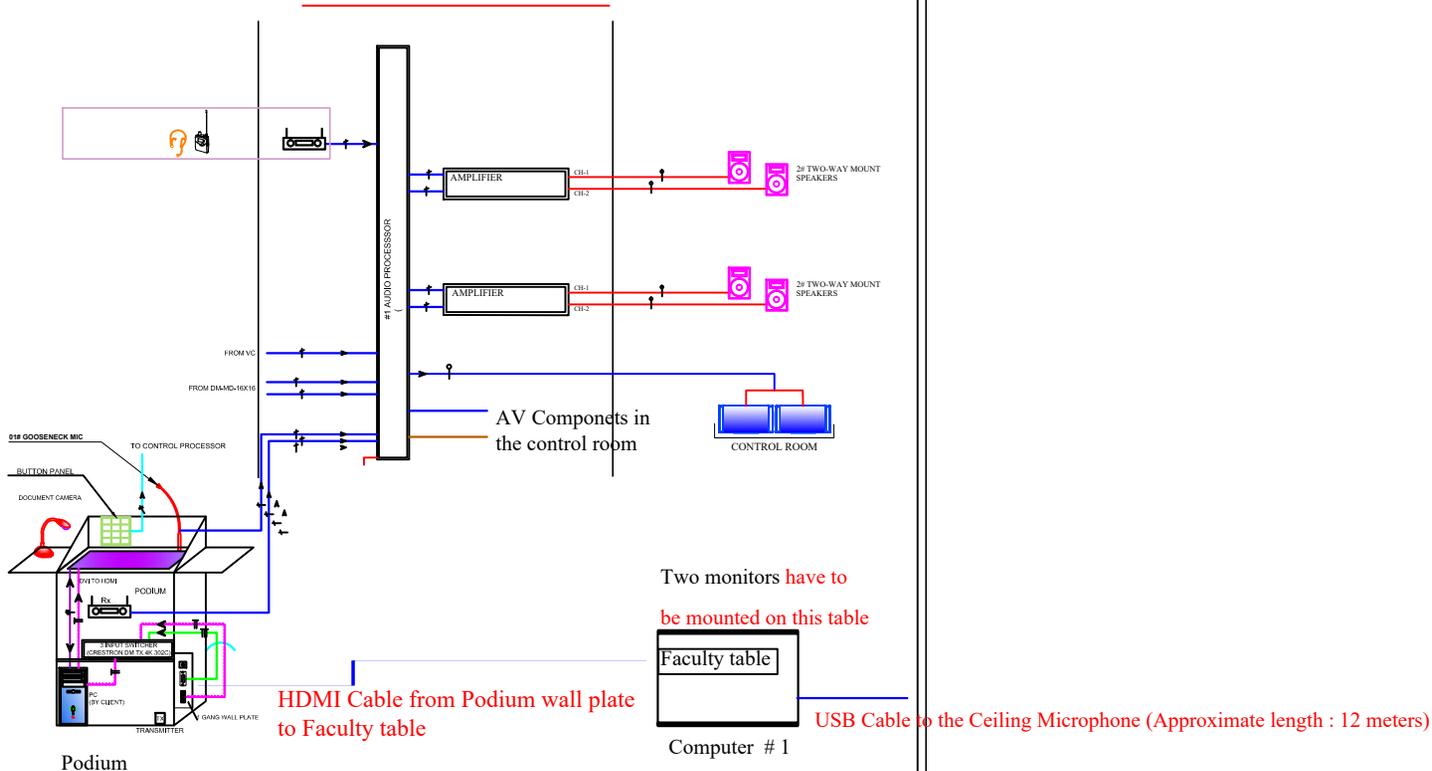
- Ceiling Tiles
- Gypsum False ceiling
- Gypsum False ceiling

Notes:

1. The removable tiles (2 X 2') are fixed in front of the screens through which the cable laying can be done.
2. If the installation causes any damage in the gypsum false ceiling, then the same has to be corrected by the vendor.
3. The vendor has to install the ceiling microphone at the required height for maximum performance (voice capture).
4. The conduits are already available on the floor (2.8 Mtrs) and the wall (3.8 Mtrs) through which the cable has to be laid and the conduits are required only at the ceiling (Approximate length : 5 Meters)
5. Please note the following points for reference:

RED: The vendor has to arrange the supply, installation and commissioning
BLACK : Existing components

BLOCK SCHEMATICS OF SOUND REINFORCEMENT & PRESENTATION SYSTEM FOR 80 SEATER (Existing and New)

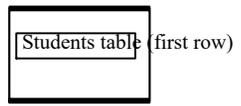


HDMI Cable from Podium wall plate to Faculty table

USB Cable to the Ceiling Microphone (Approximate length : 12 meters)

Two monitors have to be mounted on this table

Camera and mounting stand have to be installed behind this table. Camera should be connected with the computer installed in the student table



Camera and mounting stand have to be installed behind this table. Camera should be connected with the computer installed in the student table (Approximate length : 3 to 5 Meters depending on the positioning of camera)

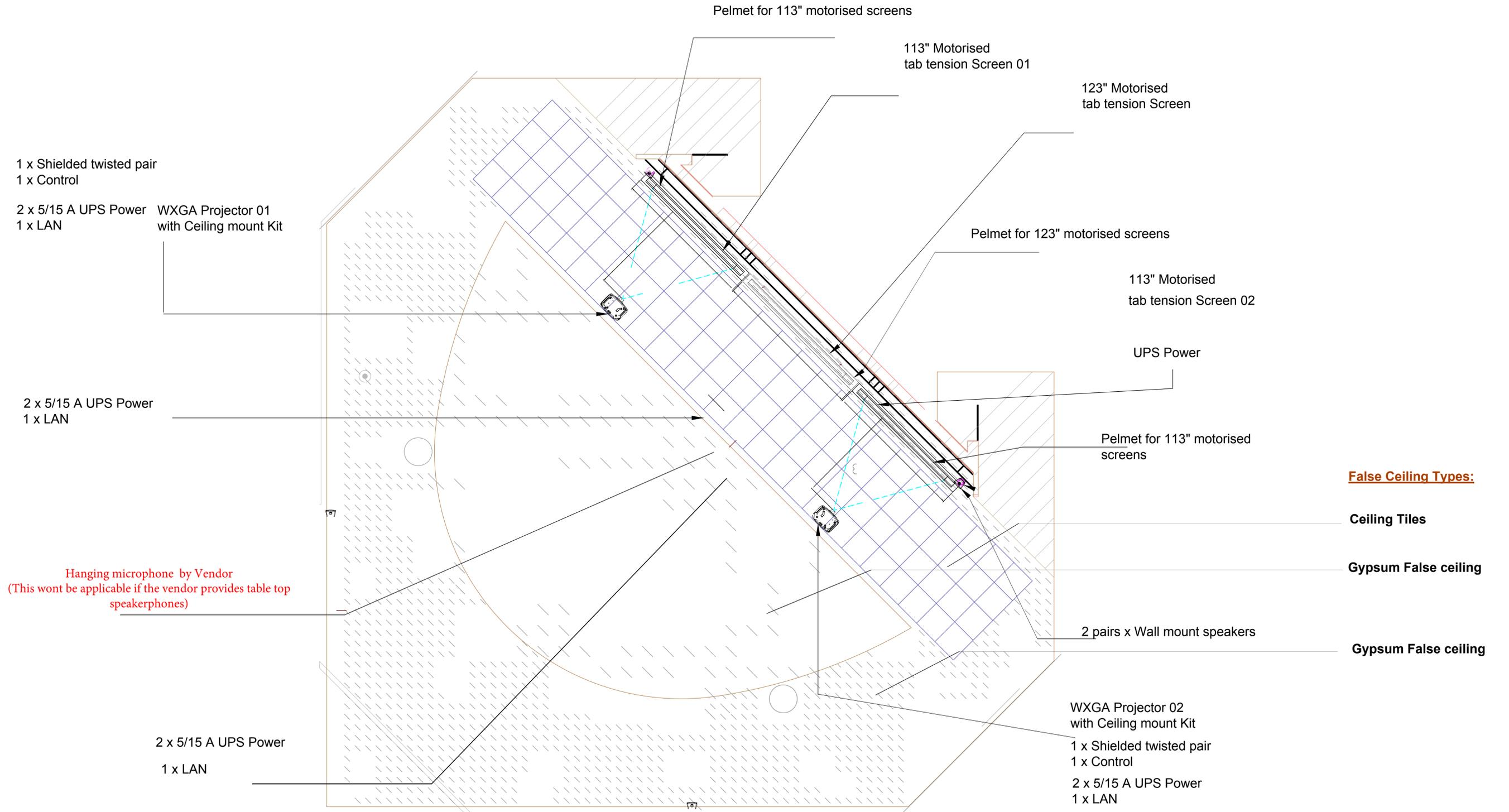
Notes:

1. Zoom will be connected from both computer #1 and computer # 2 simultaneously .
2. The video input will be feeded from Computer # 2 (Student table- first row) wherein Camera is connected.
3. The audio (speaker and Microphones) have to be feeded from the Computer # 1 (Faculty table).
4. Note the following for reference:

RED: The points mentioned in RED color have to be supplied / installed by the vednor
BLACK: The Components mentioned in BLACK color (includes the details shown inside the top box and inside the podium) are already installed by IIM Trichy.

CEILING PLAN - 50 seater

Annexure-II



- False Ceiling Types:**
- Ceiling Tiles
 - Gypsum False ceiling
 - Gypsum False ceiling

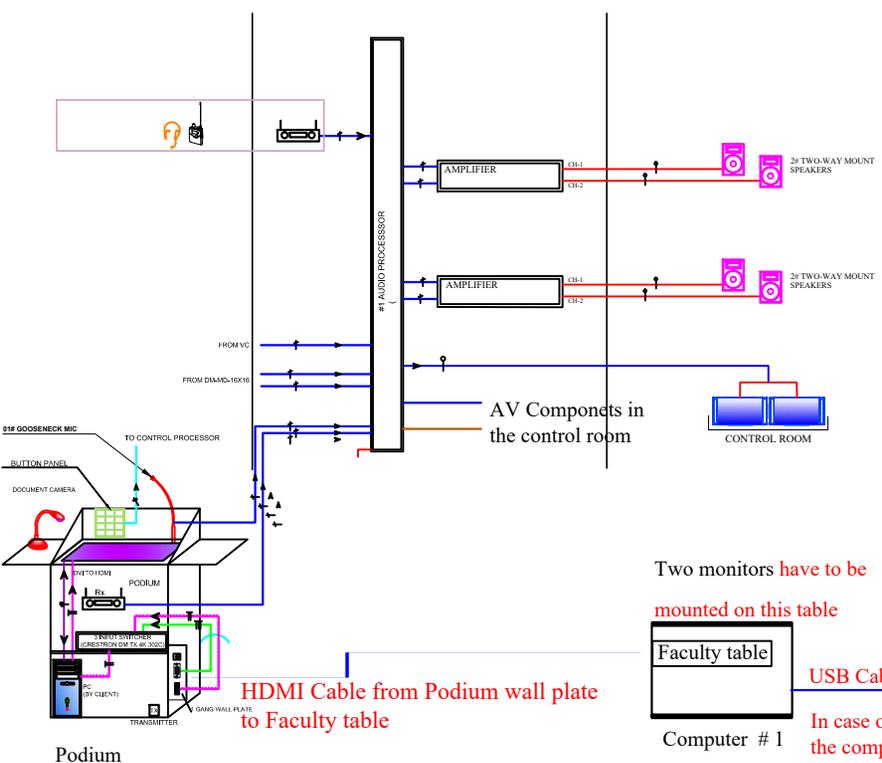
Notes:

1. The removable tiles (2 X 2') are fixed in front of the screens through which the cable laying can be done.
2. If the installation causes any damage in the gypsum false ceiling, then the same has to be corrected by the vendor.
3. The vendor has to install the hanging microphone at the required height for maximum performance (voice capture). In case of speaker microphones, the same have to be installed on floor stands at suitable position/location for maximum coverage.
4. For the installation of hanging mics, the conduits (1" dia) are already available on the floor (2.8 Mtrs) and the wall (3.8 Mtrs) through which the cables may be laid and the new conduits are required only at the ceiling (Approximate length : 5 Meters)
5. Please note the following points for reference:

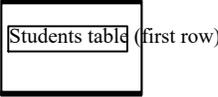
RED: The vendor has to arrange the supply, installation and commissioning

BLACK : Existing components / arrangements

BLOCK SCHEMATICS OF SOUND REINFORCEMENT & PRESENTATION SYSTEM FOR 50 SEATER (Existing and New)



Camera and mounting stand have to be installed behind this table. Camera should be connected with the computer installed in the student table



Computer # 2

Camera and mounting stand have to be installed behind this table. Camera should be connected with the computer installed in the student table (Approximate length : 3 to 5 Meters depending on the positioning of camera)

USB Cable to the hanging Microphone (Approximate length : 12 meters).

In case of table top **Speakerphones**, the same have to be installed at both sides of the faculty table and the cable length from the computer to the first speakerphone should be 5 meters and the cable length from one speakerphone to the extension speakerphone should be 10 meters approximately. Two height adjustable floor stands/tripods to place the speakerphones (2 Nos) at suitable locations should be provided by the vendor for the table top mics (wooden/steel/custom made /ready made).

Notes:

1. Zoom will be connected from both computer #1 and computer # 2 simultaneously .
2. The video input will be feeded from Computer # 2 (Student table- first row) wherein Camera is connected.
- 3.The audio (Speaker and Microphones) have to be feeded from the Computer # 1 (Faculty table).
- 4.Note the following to know the scope of work of the vendors:

RED: The points mentioned in RED color have to be supplied / installed by the vendor

BLACK: The Components mentioned in BLACK color (includes the details shown inside the top box and inside the podium) are already installed by IIM Trichy.