

NOTICE INVITING TENDER FOR SUPPLY AND INSTALLATION OF Wi-Fi ACCESS POINTS AND AP LICENSES, CONDUITS, PIPES, POLES AND CABLES AT IIM TIRUCHIRAPPALLI

Tender No. IIMT/2021-22/IT/SH/Wi-Fi/23 dated: 01.10.2021

(E-Procurement Mode)

Details	Date	Time	Venue
Name of Work/ Service	<i>“Tender for Supply and Installation of Wi-Fi Access Points and AP Licenses, Conduits, Pipes, Poles and Cables at the Staff Quarters of IIM Tiruchirappalli”</i>		
Date of issue of Tender Document	01.10.2021	18.00 Hrs. onwards	-
Pre bid Clarification	10.10.2021	15.00 Hrs.	If the Bidder has any query/clarifications, please e-mail to purchase@iimtrichy.ac.in till 3.00 pm, 10.10.2021.
Last date for Submission of Tenders	25.10.2021	15.00 Hrs.	-
Opening of e-Tenders	25.10.2021	15.15 Hrs.	
Tender Document	The tender document can be downloaded from the IIM TRICHY website https://www.iimtrichy.ac.in/tender-published and MHRD e-Wizard Portal (https://mhrd.euniwizarde.com)		
Mode of Submission of Tender	In MHRD e-Wizard Portal(https://mhrd.euniwizarde.com/)		

Contents

Instructions for Online Bid Submission	3
1. Registration Process on Online Portal	3
2. Tender Documents Search.....	3
3. Amendment of Bid Document	3
4. Assistance to Bidders	4
1. OVER VIEW	5
2. BID PREPARATION	5
3. PROCEDURE FOR SUBMISSION OF TENDER	5
4. BROAD SCOPE OF WORK	7
5. SUBMISSION OF BIDS	7
6. PRE-BID CLARIFICATIONS	8
7. OPENING OF BID	8
8. GENERAL TERM & CONDITIONS	8
b) PAYMENT TERMS	8
c) WARRANTY OF QUALITY	8
d) PENALTY CLAUSE.....	8
e) DELIVERY SCHEDULE	9
f) CONDITIONAL BIDS	9
g) BIDS CRITERIA	9
h) VALIDITY OF BIDS AND RATES.....	10
ANNEXURE – I: PROFILE OF THE BIDDER	12
ANNEXURE-II: (PRICE BID - BOQ)	13
ANNEXURE – III (TECHNICAL SPECIFICATIONS)	14
ANNEXURE-IV: BID DECLARATION FORM	16
ANNEXURE – V (UNDERTAKING CERTIFICATE)	17

Instructions for Online Bid Submission

The bidders are required to submit soft copies of their bid electronically on the e-Wizard Portal using valid Digital Signature Certificates. Below mentioned instructions are meant to guide the bidders for registration on the e-Wizard Portal, prepare their bids in accordance with the requirements and submit their bids online on the e-Wizard Portal. For more information, bidders may visit the Portal (<https://mhrd.euniwizarde.com/>)

1. Registration Process on Online Portal

- a. Bidders to enroll on the e-Procurement module of the portal <https://mhrd.euniwizarde.com/> by clicking on the link “Bidder Enrolment”.
- b. The bidders to choose a unique username and assign a password for their accounts.
- c. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. This would be used for any communication from the e-Wizard Portal.
- d. Bidders to register upon enrolment, with their valid Digital Signature Certificate (Class III Certificates with signing and Encryption key) issued by any Certifying Authority recognized by CCA India with their profile.
- e. Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSCs to others which may lead to misuse.
- f. Bidder then logs in to the site through the secured log-in by entering their user ID/password and the password of the DSC / e-Token

2. Tender Documents Search

- a. Various built-in options are available in the e-Wizard Portal like Department name, Tender category, estimated value, Date, other keywords, etc. to search for a tender published on the Online Portal.
- b. Once the bidders have selected the tenders they are interested in; they may download the required documents/tender schedules. These tenders can be moved to the respective ‘Interested tenders’ folder.
- c. The bidder should make a note of the unique Tender No assigned to each tender, in case they want to obtain any clarification/help from the Helpdesk.

3. Amendment of Bid Document

- a. At any time prior to the deadline for submission of proposals, IIM Tiruchirappalli (IIM Trichy) reserve the right to add/modify/delete any portion of this document by the issuance of a Corrigendum, which would be published on the website and will also be made available to the all the Bidder who has been issued the tender document. The Corrigendum shall be binding

on all bidders and will form part of the bid documents.

- b. The Institute may at its own discretion extend the last date for the receipt of bids.
- c. IIM Trichy reserves the right to cancel the tender without assigning any reason at any stages of evaluation before finalization.
- d. IIM Trichy also reserves the right to, at any time and in its absolute discretion the following:
 - Accept or reject all bids.
 - To obtain further clarification or supporting documents during the evaluation.
 - To suspend, discontinue, modify and/or terminate the Tendering process at any time.

4. Assistance to Bidders

- a. Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- b. Any queries relating to the process of online bid submission or queries relating to e- Wizard Portal, in general, may be directed to the 24x7 e-Wizard Helpdesk. The contact number for the helpdesk is 8448288994/87/89/88/81/90/92/82 011-49606060, 07903269552, 9355030608, 9055030613, 7903810198, 9355030606, 9315620706, 9355030623, 9355030628, 8800526452, 9205898228, 9122643040, 9355030604, eprochelpdesk.01@gmail.com, eprochelpdesk.03@gmail.com, eprochelpdesk.06@gmail.com

5. The tender inviting authority has the right to cancel this e-tender or extend the due date of receipt of the bid(s).

6. The bid should be submitted through e-Wizard portal (<https://mhrd.euniwizarde.com>) only.

NOTICE INVITING TENDER

1. OVER VIEW

Indian Institute of Management Tiruchirappalli (IIM Trichy) is an Institute of National Importance, established by the Ministry of Education (Shiksha Mantralaya), Government of India, is the eleventh IIM and was instituted on 4th January 2011. More details about IIM TRICHY are available in our website www.iimtrichy.ac.in.

IIM TRICHY invites e-Tender for *Supply and installation of Wi-Fi Access Points and AP Licenses, Conduits, Pipes, Poles and Cables at the Staff Quarters of IIM Tiruchirappalli.*

2. BID PREPARATION

- a. Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- b. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid.
- c. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that needs to be submitted. Any deviations from these may lead to rejection of the bid.
- d. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document/schedule and generally, they can be in PDF/XLSX/PNG, etc. formats.

3. PROCEDURE FOR SUBMISSION OF TENDER

- a. Bidder to log into the site well in advance for bid submission so that he/she uploads the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- b. The tender document should be downloaded from the IIM Trichy website <https://www.iimtrichy.ac.in/tender-published> and e-Wizard Portal <https://mhrd.euniwizarde.com/>
- c. The bidder(s) shall not make any changes or amendment in the tender document as published in the IIM Trichy website and MHRD e-Wizard Portal.
- d. All the pages of the tender document being submitted must be duly (Digitally) signed as per the procedures and requirements stipulated herein.
- e. The tender document should be filled in legible handwriting/printing/typing without any ambiguity.

- f. The bidder(s) should be registered with the Goods and Services Tax council for the purpose of Goods & Service Tax (GST). A copy of GST Registration Certificate, PAN and Bank account details should be submitted along with the tender document. The names appearing on all these documents and tender document should be same or linked.
- g. ***OEM letter(s) [single or multiple letters] from Wi-Fi OEM and Switch OEM needs to be submitted for the following:***
 - i. The letter (MAF) stating that the vendor is an authorized partner of the respective product.
 - ii. OEM should mention in the letter that they will provide direct support to the client.
 - iii. The RMA will be placed by the client directly with the OEM and the replacement of faulty items need to be done without delay.
 - iv. Quantity and period of all the licenses validity, warranty and support needs to be mentioned in the letter. The start date should be the activation date.
- h. If any correction is necessary in the information provided by the bidder, the same should be made after scoring out the old entry. In any case, there should not be any over writing. All the corrections should be attested with full signature of the bidder with date.
- i. It is construed that the bidder has read all the terms and conditions before submitting their offer. The bid declaration as given in the [Annexure-IV](#) to the effect of stating that the terms and conditions of the tender have been read and abided by the tenderer shall be furnished.
- j. The bidders should not be blacklisted by any department of the Government of India or any State Government and Private organization in the past. There should not be any criminal case registered against the bidding firm or its owners/partners anywhere in India. An undertaking to this effect in the Company letter head duly signed by the owner / partner or both to be enclosed, as per [Annexure-V](#).
- k. Bidder should take into account the corrigendum/Addendum published from time to time before submitting the bids.
- l. The bidders are cautioned that furnishing of incomplete/ambiguous information, suppression of facts and any alteration of the prescribed tender format will entail outright rejection of the bid application.

4. BROAD SCOPE OF WORK

- a. Necessary flexible pipes (metal type) to be provided to protect the cables from rodent bite.
- b. Sufficient PVC joints to be provided so that the cables will be fully concealed between the source and destination points. The hole should be sealed/closed properly at the termination ends.
- c. All the Access Points should be fully compatible with the existing Wi-Fi Controller (Ruckus SmartZone 100). The successful vendor has to fine-tune the configurations on the controller after integrating the new Access Points during the installation.
- d. The fixing of poles (digging, concrete mixing, fixing etc.) and laying of outdoor cables will be done by IIM Trichy. However, necessary **materials**, guidance, instruction/supervision should be provided/done by the vendor's technicians.
- e. The required RJ-45 connectors to be provided by the vendor and the crimping/termination at both the ends (switch end and access point end) and connectivity would come under the responsibility of the vendor.
- f. All the materials required for the installation of poles, laying of cables & pipes and fixing of poles & APs would be the responsibility of the vendor.
- g. Only the labor work for the fixing / laying of passive items (Pipes, poles, cables [underground /surface of walls] & conduits) will be taken care by the IIM Trichy's electrical/IT team.
- h. The length of the cables and conduits mentioned in the tender is minimum requirement. The passive materials (cables and conduits) should be billed against actual measurement. If there is need for any extra length, then the same should be provided by the vendor and the same will be measured during/after the installation and the payment will be released as per actuals.
- i. The duct pipes should be flexible type and there won't be any joint required between both the ends.
- j. Delivery and installation period shall be 45 days. However, the passive installation shall be started at the earliest after the receipt of the work order.

5. SUBMISSION OF BIDS

The Online bids (complete in all respect) must be uploaded online in single covers as explained below:

- i. The following documents are to be furnished as single PDF file by the bidder(s) as per the tender document except [Annexure-II](#) of Price bid-BoQ
- ii. Bid declaration form as per [Annexure - IV](#).
- iii. Undertaking certificate as per [Annexure – V](#).
- iv. Copy of PAN and GST Registration.

- v. Duly (Digitally) Signed Tender document and it's all annexures.
- vi. **Annexure-II of Price bid** –BoQ in MS Excel “.xls” format should be uploaded in the same cover.

6. PRE-BID CLARIFICATIONS

If the Bidder has any query/clarifications, please e-mail to purchase@iimtrichy.ac.in till 3.00 pm, 10.10.2021.

The Answers / clarifications will be communicated to the bidder after pre bid clarification deadline (i.e 3.00 pm, 10.10.2021).

7. OPENING OF BID

The tenders received from all the bidders will be opened by the Purchase Committee on **25.10.2021** at 15.15 hrs.

The Institute reserves the right to accept or reject any or all the offer including the lowest without assigning any reason.

8. GENERAL TERM & CONDITIONS

- a) The bidder should quote the rate for all the items mentioned in the BoQ of the price bid, otherwise the price bid will not be considered for evaluation.

b) PAYMENT TERMS

- i. No advance payment will be made in any case.
- ii. Payment will be released after supply of all the items/successful commissioning of all the items within 25 days' subject to submission of Invoice/Bill with all relevant documents like warranty certificate, etc.
- iii. TDS and any other Government levies applicable on bills as per Government instructions/notifications issued from time to time shall be applicable and deducted from Supplier/Vendor/Service Provider's bills.

c) WARRANTY OF QUALITY

- i. The item supplied should carry the warranty as per requirement mentioned in Technical Specification Section ([Annexure – III](#)).
- ii. The defects, if any, during the guarantee/warranty period are to be rectified free of charge by arranging free replacement wherever necessary.

d) PENALTY CLAUSE

Deficiency/delay in Supply will be construed as lapses on the part of the vendor. Such lapses due to vendor will be viewed seriously and penalties will be imposed on the vendor in case of any delay in providing the required materials as covered by this Tender within the stipulated date and

timings. IIM Trichy reserves the right to impose the penalty and the quantum of the penalty will be decided in individual cases and decision of the competent authority at IIM Trichy, shall be final and binding

e) DELIVERY SCHEDULE

- i. The successful bidder should complete the supply and installation within **60 days** from receipt of the Purchase/Work Order.
- ii. In case, the firm fails to supply the required items within specified period, the purchase/Work order as a whole may be terminated. Applicable penalties would be levied to the supplier/vendor. The decision of the competent authority in the matter of penalties would be final and binding.

f) CONDITIONAL BIDS

Conditional bids or Bids based on the process / basic schemes other than mentioned and / or not conforming to the technical specifications / requirements of the Bidding documents will not be considered.

g) BIDS CRITERIA

- i. The bidder should quote the rate for all the items mentioned in the Price Bid(BoQ), else the bid will not be taken for consideration.
- ii. The Rates quoted by the tenderer should be inclusive of all but **except GST** and must hold good till the completion of work and shall not be subjected to any escalation. No claim on this account what so ever shall be entertained at any stage including the extended period, if any.
- iii. Price Bid i.e. BoQ given with the tender to be submitted after filling all relevant information and it should be submitted **only for the brands and specifications mentioned in the price Bid (Annexure-II)** and as per the format available with the tender failing which the offer will be rejected (renaming or changing the format of BoQ) will not be acceptable. The Bidder should quote the price inclusive of all charges but **exclusive of GST**.
- iv. The quantities mentioned in Price Bid are tentative and may be increased or decreased depending upon the actual requirements of the Institute.
- v. **Price Bid** (BoQ) given in tender to be submitted after filling all relevant information. The priced BoQ should be submitted strictly as per the Price Bid (BoQ) **Annexure-II**, failing which the offer will be rejected.
- vi. Arithmetical errors, if any, shall be rectified on the following basis. If there is a discrepancy between the unit price and total price, then the unit price shall prevail and the total price shall be corrected by the Institute. If the Bidder does not accept the correction of the errors, the bid

shall be rejected. All Rates, Prices, Amounts and Sums quoted by the bidder shall be in Indian currency only. The language used throughout shall be English.

h) VALIDITY OF BIDS AND RATES

- i. All the quoted rates would be valid until completion of the contract. No escalation of price whatsoever would be allowed during the currency of the contract, including extended period if any.
 - ii. The quote shall remain valid and open for acceptance for a period of 90 days from the date of opening of bid.
- i) Canvassing in connection with the tenders is strictly prohibited and tenders submitted by the tenderers who resort to canvassing will be liable to rejection. Any bribe, commission or advantage offered or promised by or on behalf of the tenderer to any officer or staff of IIM Trichy shall block his/ her tender from being considered. Canvassing on the part or on behalf of the tenderer will also make his tender liable to rejection.
 - j) In respect of supply to IIM Trichy, the vendor shall be liable for depositing all taxes, levies, cess, etc. to the concerned tax collection authorities from time to time as per existing rules and regulations on the matter.
 - k) **Authority of person signing document:** A person signing the tender application or any documents forming part of the contract on behalf of another shall be deemed to warranty that he/she has authority to bind such other and if, on enquiry, it appears that the person so signing had no authority to do so, the IIM Trichy may without prejudice to other Civil and criminal remedies cancel contract and held the signatory liable for all cost and damages.
 - l) **Subletting of Work:** The firm/agency should not assign or sublet the work/job or any part of it to any other person or party. The tender is not transferable. Only one tender shall be submitted by one tenderer.
 - m) **Arbitration:** In case of any unreconciled disputes between the parties IIM Trichy and the agency/firm to whom the contract had been awarded, arising out of any of the terms of the Tender document, the dispute shall be referred to a single Arbitrator mutually agreed, as per Arbitration and Reconciliation Act 1996, in Trichy jurisdiction. The decision of the Arbitrator shall be final and binding on the both parties. The language of the arbitration shall be English. The Place and seat of arbitration shall be in Trichy.
 - n) **Jurisdiction:** All disputes arising out of this contract shall be subjected to the jurisdiction of Madurai Bench of Madras High Court.

o) Force Majeure:

- i. Should any force majeure circumstances arise, each of the contracting parties be excused for the non-fulfillment or for the delayed fulfillment of any of its contractual obligations, if the affected party within 15 days of its occurrence informs in a written form the other party.
- ii. Force Majeure shall mean fire, flood, natural disaster, or other acts such as war, turmoil, sabotage, explosions, epidemics, quarantine restriction, strikes, and lockouts i.e. beyond the control of either party.

ANNEXURE – I: PROFILE OF THE BIDDER

Sl. No.	Required Information	Description
1	Name of the agency / firm / company	
2	Address of the agency / firm / company	
3	Mobile / Telephone Number	
4	E- Mail Id	
5	Legal status (Individual, proprietary, partnership firm, limited company, etc.)	
6	Statutory details (Photocopies to be attached):	
	a. Registration number of the firm. (as per Shops and establishment act.).	
	b. PAN No. of the Agency	
	c. GST No. of the Agency	
7	Has your firm/company ever changed its name any time? If yes, provide the previous name and the reasons there for?	
8	Have you or your constituent ever left the contract awarded to you incomplete? If so, give name of the contract and reasons for not completing the contract.	
9	BANK ACCOUNT DETAILS:	
	Name of the Bank	
	Name of the Branch	
	Account Number	
	Type of Account	
	IFSC Code No. (copy of the cancelled cheque should be enclosed)	

ANNEXURE-II: (PRICE BID - BOQ)

Price Bid in MS Excel (.xls format) file should be uploaded separately as per the instructions provided in the online submission of bid

Note: Bidder Should not make any changes in Brands and Specification mentioned in Price Bid and should quote the rate for only Brands and Specification Mentioned in Technical Specification Section/Price Bid, else bid will be rejected.

ANNEXURE – III (TECHNICAL SPECIFICATIONS)

S. No	Description of Items	Quantity
1	<p>Antenna Gain: 120-degree Sector - Up to 8 dBi or better Concurrent Users: up to 500 or better Ethernet Ports: 2 x 1G Minimum PHY Rate at 2.4 GHz: up to 600 Mbps or better PHY Rate at 5 GHz: up to 1725 Mbps or better Radio Chains and Streams: 4x4:4 Wi-Fi Interface Standard: IEEE 802.11a/b/g/n/ac Wave 2 Compatibility: Should be fully compatible with the existing controller (Ruckus Smart zone 100) Enclosure Type: IP67-rated Hardware Warranty: Lifetime <u>OEM's Direct support to AP Licenses for controller for 1(one) year:</u> OEM's Direct support to AP Licenses for controller for 1(one) year shall be provided along with the AP. The amount for the same should be included in the cost of each Access Point</p>	5 Nos.
	<p>Indicate here the Make & Model of the Item for which the price is quoted _____</p>	
2	<p>Antenna Gain: Up to 3 dBi or better Ethernet Ports: 1 x 1G Min. PHY Rate at 2.4 GHz: up to 570 Mbps or better PHY Rate at 5 GHz: up to 1200 Mbps or better Radio Chains and Streams: 2x2:2 or higher Wi-Fi Interface Standard: IEEE 802.11a/b/g/n/ac/ax. 802.11ax at 2.4 GHz and 802.11ax at 5 GHz Compatibility: Should be fully compatible with the existing controller (Ruckus Smart zone 100) Enclosure Type: IP-67 rated Hardware Warranty: Lifetime <u>OEM's Direct support to AP Licenses for controller for 1 years:</u> OEM's Direct support to AP Licenses for controller for 1 years shall be provided along with the AP. The amount for the same should be included in the cost of each Access Point.</p>	3 Nos
	<p>Indicate here the Make & Model of the Item for which the price is quoted _____</p>	

3	<p><u>Outdoor CAT- 6 Cables</u> Outdoor CAT6 rodent protected cable Make: <i>Molex, R & M, Schneider, Amp</i> Laying of pipes and cables will be done by the in-house team of IIM Trichy.</p> <p>Indicate here the Make & Model of the Item for which the price is quoted _____</p>	610 Meters
4	<p><u>Flexible Duct Pipes for outdoor underground cables</u> High quality PLB HDPE 1" Duct Pipes for the laying of underground cables. (water proof material) Laying of pipes and cables will be done by the in-house team of IIM Trichy.</p>	500 Meters
5	<p><u>15' GI Poles</u> 15' (feet) GI poles (C Class, thickness: Min. 4 mm or higher) with 2.5" (inches) Diameter. Top end should be closed along with a 6" L type bend. 3' of the pipe should be below the ground level and the same should be fixed using concrete. Materials for preparing concrete should be provided by the vendor. 1" holes to be provided at the top and bottom (just above the ground level, duct pipe should be inserted through this hole) of the pipes for the concealed laying of cables. The fixing of poles (digging, concrete mixing, fixing etc.) will be done by IIM Trichy.</p>	7 Nos
6	<p><u>1" PVC pipes along with clamps, screws and joints</u> 1" PVC pipes for indoor conduiting along with necessary clamps and joints. Laying/fixing of conduits and cables will be done by the in-house team of IIM Trichy.</p>	150 Meters

Note: The sufficient number of AP Licenses (perpetual licenses for adding Access Points with the controller) are already available on the controller.

ANNEXURE-IV: BID DECLARATION FORM

To

The CAO (i/c)

IIM Tiruchirappalli

Pudukkottai Main Road,

Chinna Sooriyur Village,

Tiruchirappalli - 620 024,

I, _____(name of the person) hereby declare that I am authorized to sign this document and that:

- a. All the statements made in this application are true, complete and correct to the best of my knowledge and belief. I understand that if at any stage, it is found that any information given in this application is false/ incorrect or that our agency does not satisfy the eligibility criteria, our candidature/empanelment is liable to be cancelled/ terminated.
- b. I understand that the decision taken by the IIM Trichy is final and binding in all matters.
- c. I hereby agree to work as per the terms and conditions stipulated by IIM Trichy.
- d. I understand that the IIM Trichy reserves the right to accept or reject and to cancel the tender and reject all bids at any time prior to the award of the contract, without detailing any specified reasons whatsoever.

Authorized signatory with seal

ANNEXURE – V (UNDERTAKING CERTIFICATE)

It is certified that I, _____ (name of the person) S/o

Shri _____ r/o _____

am authorized to sign this document on behalf of M/s. _____

(the name of the firm / company which is bidding in this tender) and that our firm / company have never been blacklisted by any of the Government Organization / Agencies in the past and there is no criminal case registered against our firm / company or its owner / partners anywhere in India.

Name:

Place:

Designation:

Date:

Signature: