



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

Global Tender Enquiry

Global Tender Ref. No: IISERT-PUR-0655-23

Date: 11/01/2024

Indian Institute of Science Education and Research Tirupati invites online bids (e-tender) in two bids systems, from OEM/Authorized distributors/Authorized dealer of the following categories for the following item

Category of Suppliers invited for this Tender

- Class I local Supplier – has local content equal to more than 50%
- Class II local Supplier – has local content more than 20% but less than 50%
- Non –Local Supplier – has local content less than or equal to 20%

Tender Title	Tender Fee (Inclusive GST @18%) (Rs.)	Tender EMD (Rs.)
Supply, Installation, and Commissioning of High-Resolution Transmission Electron Microscope (HRTEM)- at IISER Tirupati Main Campus Qty:01 No	1,180/-	Rs.98,75,000.00

The Tender Document can be downloaded from Central Public Procurement (CPP) Portal <https://eprocure.gov.in/eprocure/app> (or) from the Institute website <http://www.iisertirupati.ac.in/tenders/> and bid is to be submitted online only through the E-procurement portal up to the last date and time of submission of tender.

Critical Dates of Tender

Sr. No	Particulars	Date	Time
1	Date of Online Publication/Download of Tender	11/01/2024	18:00 Hrs.
2	Pre-Bid Meeting via Google Meet/Zoom/Webex/any	18/01/2024	15:00 Hrs.
3	Bid Submission Start Dates	20/01/2024	15:00 Hrs.
4	Bid Submission Close Date	08/02/2024	15:00 Hrs.
5	Closing date & time for Submission of original Tender Fee/EMD	08/02/2024	15:30 Hrs.
6	Opening of Technical Bids	09/02/2024	15:30 Hrs.



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

No manual bids will be accepted. All quotation (both Technical and Financial) should be submitted online through E-procurement portal of <https://eprocure.gov.in/eprocure/app>

Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The contact number for the helpdesk is 0120-4200462, 0120-4001002, 91-8826246593.



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

INDEX PAGE

Sr .No	Contents	Page No
1	INSTRUCTIONS FOR ONLINE BID SUBMISSION	05
2	CHAPTER-1 INVITATION FOR TENDER OFFERS	08
3	CHAPTER-2 INSTRUCTIONS TO BIDDERS	17
4	CHAPTER - 3 CONDITIONS OF CONTRACT	21
5	CHAPTER 4- SCHEDULE OF REQUIREMENTS, SPECIFICATIONS & ALLIED TECHNICAL DETAILS	32
6	CHAPTER-5 PRICE SCHEDULE	43
7	ANNEXURE – A - FORMAT/QUESTIONNAIRE FOR COMPLIANCE OF TERMS	45
8	ANNEXURE – B - FORMAT OF COMPLIANCE STATEMENT OF SPECIFICATIONS	50
9	ANNEXURE – C - - BID SECURING DECLARATION FORM	51
10	ANNEXURE – D- MANUFACTURER’S AUTHORIZATION FORM	53
11	ANNEXURE – E – PREVIOUS SUPPLY ORDER LIST FORMAT	55
12	ANNEXURE – F - BIDDER INFORMATION FORM	56
13	ANNEXURE – G - CERTIFICATE BY BIDDER- DPIIT REGISTRATION	59
14	ANNEXURE – H - BLACKLIST CERTIFICATE	60
15	ANNEXURE – I – ANNUAL MAINTENANCE CONTRACT	61
16	ANNEXURE – J - NO RELATIONSHIP CERTIFICATE	62
17	ANNEXURE- ‘K’ UNDERTAKING FOR SUBMISSION OF PERFORMANCE BANK GUARANTEE	63
18	ANNEXURE- ‘L’ BID SECURING DECLARATION FORM	64
19	ANNEXURE- ‘M’ SELF-CERTIFICATION REGARDING LOCAL CONTENT (LC) FOR GOODS, SERVICES, OR WORKS	65
20	ANNEXURE- ‘N’ PRE-CONTRACT INTEGRITY PACT	67
21	ANNEXURE- ‘O’ ACCEPTANCE OF TENDER TERM	74



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

22	IISER TIRUPATI BANK DETAILS	76
23	CHECKLIST	77
24	IMPORTANT NOTICE	79

s



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

INSTRUCTIONS FOR ONLINE BID SUBMISSION

The Tender Document has been published and can be downloaded from Central Public Procurement (CPP) Portal <https://eprocure.gov.in/eprocure/app> (or) from the Institute website <http://www.iisertirupati.ac.in/tenders/>

The bidders are required to submit soft copies of their bids electronically online only through the E-procurement portal up to the last date and time of submission of tender.

The bidders are required to submit soft copies of their bids electronically on the <https://eprocure.gov.in/eprocure/app> using valid Digital Signature Certificates.

The instructions given below are meant to assist the bidders in registering on the e-tender Portal, prepare their bids in accordance with the requirements and submitting their bid online on <https://eprocure.gov.in/eprocure/app> the e-tendering portal.

More information useful for submitting online bids on may be obtained at: <https://eprocure.gov.in/eprocure/app>

GUIDELINES FOR REGISTRATION:

1. Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal ([URL:http://eprocure.gov.in/eprocure/app](http://eprocure.gov.in/eprocure/app)) by clicking on the link “Click here to Enroll”. Enrolment on the CPP Portal is free of charge.
2. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
3. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
4. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / nCode / eMudhra etc.), with their profile.
5. 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.
6. Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / eToken.
7. The CPP Portal also has user manual with detailed guidelines on enrollment and participation in the online bidding process. Any queries related to process of online bids or queries related to CPP Portal may be directed to the 24x7 CPP Portal Helpdesk.
8. The Institute will not be responsible for any type of technical issue regarding uploading of Tender on website.



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

SEARCHING FOR TENDER DOCUMENTS

1. There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters.
2. 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 'My Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.

PREPARATION OF BIDS

1. Bidder should take into account any corrigendum published on the tender document before submitting their bids.
2. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. 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 need to be submitted. Any deviations from these may lead to rejection of the bid.
3. 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/XLS format. Bid Original documents may be scanned with 100 dpi with Black & White option.
4. To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, GST, Annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Space" area available to them to upload such documents.
5. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

SUBMISSION OF BIDS

1. Bidder should log into the website well in advance for the submission of the bid so that they can upload the bid well in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

2. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document as a token of acceptance of the terms and conditions laid down by IISER Tirupati. Failure to do so (or) incomplete/partial submission shall lead to rejection of the bid.
3. In case of Bank Guarantee (BG) bidder should prepare the BG as per the instructions specified in the tender document. The BG in original should be posted/couriered/given in person to the concerned official before the Online Opening of Technical Bid. In case of non-receipt of BG in original by the said time, the uploaded bid will be summarily rejected.
4. Bidders are requested to note that they should necessarily submit their financial bids in the format provided (as per Chapter-5) and no other format is acceptable. The Financial Bid can be submitted in PDF format also. If the price bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete the white Colored (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BOQ file is found to be modified by the bidder, the bid will be rejected.
5. The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
6. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
7. Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
8. Kindly add scanned PDF of all relevant documents in a single PDF file of compliance sheet.

ASSISTANCE TO BIDDERS

- i. 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.
- ii. Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The contact number for the helpdesk is 0120-4200462, 0120-4001002, 91-8826246593.



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

CHAPTER-1: INVITATION FOR TENDER OFFERS

Indian Institute of Science Education and Research Tirupati invites online bids (e-tender) in two bids systems, from OEM/Authorized distributors/Authorized dealers of the following categories for the following item

Item: Supply, Installation, and Commissioning of High-Resolution Transmission Electron Microscope (HRTEM).

Category of Suppliers invited for this Tender

- | | |
|-----------------------------|---|
| i) Class I local Supplier | - has local content equal to more than 50% |
| ii) Class II local Supplier | - has local content more than 20% but less than 50% |
| iii) Non-Local Supplier | - has local content less than or equal to 20% |

1. The Bidders are requested to give detailed tender in two Bids i.e.

- Part - I: Technical Bid.
- Part - II: Commercial Bid.

2. **PRE-BID MEETING:** IISER Tirupati will be conducting a Pre-bid meeting online through G-Meet/Zoom/Webex/any other virtual meeting tool on 18/01/2024 from 03:00 PM to 04:30 PM (IST). All prospective bidders are requested to kindly send their queries through email at purchase@iisertirupati.ac.in so as to reach the latest by 17/01/2024.

Clarifications to all the queries received before the due date will be given during the Pre-Bid Meeting and only the queries which remain unclarified (or) the queries which have an impact on the change in technical specifications will be mentioned in the minutes of the pre-bid meeting and the same will be uploaded on our website and CPPP portal.

In the event of all queries received being clarified during the pre-bid & if there are no changes in the technical specifications then nil report will be uploaded in the website and CPPP portal.

No queries will be entertained after the Pre-bid meeting.

The Pre-Bid meeting link shall be sent by email to the bidders interested in attending the Pre-Bid meeting upon their request. Bidders interested must send a request for access to the Pre-Bid meeting at purchase@iisertirupati.ac.in.

Bidders attending Pre-Bid meeting online must ensure an active and uninterrupted high-speed internet connection with a working microphone and a good quality camera from their end. In



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

case of frequent disconnection (or) bad connection, IISER Tirupati will not be responsible for the same and no further correspondence will be entertained post the date of Pre-Bid meeting.

3. Date & Time Schedule

Sr. No	Particulars	Date	Time
1	Date of Online Publication/Download of Tender	11/01/2024	18:00 Hrs.
2	Pre-Bid Meeting via Google Meet/Zoom/Webex/any	18/01/2024	15:00 Hrs.
3	Bid Submission Start Dates	20/01/2024	15:00 Hrs.
4	Bid Submission Close Date	08/02/2024	15:00 Hrs.
5	Closing date & time for Submission of original Tender Fee/EMD	08/02/2024	15:30 Hrs.
6	Opening of Technical Bids	09/02/2024	15:30 Hrs.

Supply means: "Supply, Installation, Commissioning and Satisfactory demonstration of the whole system and training". If any charges extra are payable for Installation, Commissioning and training, the same should be specified in the commercial bid.

3. Availability Of Tender:

The Tender Document has been published and can be downloaded from Central Public Procurement (CPP) Portal <https://eprocure.gov.in/eprocure/app> (or) from the Institute website <http://www.iisertirupati.ac.in/tenders/>

The bidders are required to submit soft copies of their bids electronically online only through the E-procurement portal up to the last date and time of submission of tender.

4. Envelope 1 - Technical Bid:

4.1. The online envelope clearly marked as "**Technical Bid - Envelope No. 1**" shall contain all the scanned copies of originals documents in PDF Format.

- Scanned copy of Tender Fee & EMD
- Compliance statement/questionnaire of tender terms and conditions as per Annexure- 'A'.
- Compliance statement of specifications as per Annexure- 'B'.
- Bid Securing declaration as per Annexure- 'C'.



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

- e) Manufacturer Authorization as per Annexure –‘D’.
- f) Previous Supply Order List Format as per Annexure –‘E’.
- g) Bidder Information Form as per Annexure –‘F’.
- h) Certificate By Bidder- DPIIT Registration Annexure –‘G’
- i) Declaration Regarding Clean Track/No Legal Action as per Annexure –‘H’.
- j) Annual Maintenance Contract as per Annexure- ‘I’
- k) No Relation Certificate – as per Annexure – ‘J’
- l) Undertaking for submission of performance bank guarantee annexure – ‘K
- m) Bid Securing Declaration Form - Annexure- ‘L’
- n) Self-Certification Regarding Local Content (LC) For Goods, Services, Or Works - Annexure- ‘M’
- o) Acceptance of Tender Term - Annexure- ‘N’
- p) Pre-Contract Integrity Pact – ‘O’
- q) Solvency certificates for Rs.7,90,00,000.00 (Seven Crore Ninety Lakh)-not older than twelve months) issued by Scheduled/Nationalized Bank with which BIDDER holds the Bank account.
- r) Copy of GST/ PAN No. allotted by the concerned authorities. If registered with the National Small Industries Corporation, the registration number, the purpose of registration and the validity period of registration and a copy of NISC/MSME registration wherever it is applicable should also be provided in Technical Bid.
- s) Technical literature/ leaflets and complete specifications of quoted model(s) along with commercial terms and conditions. Without submission of the technical literature w.r.t. and in-line with the technical bid, the bid shall not be considered for further evaluation.
- t) Undertaking that the successful BIDDER agrees to give a security deposit amounting to 10% of the purchase order value by way of Demand Draft / Bank Guarantee in favor of The Director, IISER Tirupati.
- u) In case of exemption from submission of Bid security, proof of registration with NSIC/MSME or appropriate authority.
- v) Details of supplies of similar Works/Supplies along with photocopies of previous Purchase orders and details of place of supply along with contact details
- w) Undertaking on letter head regarding the Warranty Terms as mentioned in Point No.10 below
- x) In the event of bidder opting for manual submission of Tender Fee, the Scanned copy of Tender Fee is required to be submitted in original should be posted/couriered/given in



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

person to the concerned official before the Online Opening of the Technical Bid, failing which the bids shall not be considered for further selection process. The Institute will not be responsible for any postal delay

Deputy Registrar (Stores & Purchase)

Indian Institute of Science Education and Research (IISER), Tirupati

Transit campus: C/o Sree Rama Engineering College Campus,

Rami Reddy Nagar Karakambadi Road, Mangalam (B.O), Tirupati - 517 507

Email: purchase@iisertirupati.ac.in Website: <http://www.iisertirupati.ac.in/>

Ph:0877 2500 208/233/235

w) Check List

TENDER FEE & EARNEST MONEY DEPOSIT DETAILS

a) Tender Fee of Rs. 1,180/- (Rs. One thousand One Hundred Eighty only) in the form of Demand Draft from Nationalized/scheduled bank in favor of The Director, IISER Tirupati. The firm registered with /NSIC/MSME as a manufacturer for the supply of the same category of item for which the party is submitting quotation will be exempted from submission of FEE.

b) EMD of Rs. 98,00,000.00 Rs. Ninety-Eight Lakh) in the form of a Bank guarantee (As per format enclosed as ANNEXURE- 'C') or Demand Draft of a scheduled bank in the name of Director, IISER, Tirupati valid for 180 days from the date of opening of the tender.

c) EMD and tender fee amount can be deposited in IISER TIRUPATI Bank account through net banking as mentioned

Exemption from submission of EMD (Only for Indigenous Purchases in INR Only):

Bidders registered with any of the following agencies/ bodies as per Public procurement policy for Micro & Small Enterprises (MSE) order 2012 are exempted categories from payment of EMD provided that the registration certificate issued by any one of these below mentioned agencies must be valid as on close date of tender. Micro small or medium enterprises who have applied for registration or renewal of registration with any of these agencies/bodies but have not obtained the valid certificate as on close date of the tender are not eligible for exemption.

1) Khadi and Village Industries Commission (KVIC)

2) National Small Industries Corporation (NSIC)

3) Any other body specified by the Ministry of MSME/GOI. To avail exemption, it is mandatory to upload the valid certificate.

d) The firm registered with /NSIC/MSME as manufacturer for the supply of the same category of item for which the party is submitting quotation will be exempted from submission of EMD. Intended parties will have to give proof of registration along with their quotation. EMD of the



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

unsuccessful bidders shall be refunded without any interest at the earliest after the finalization of the purchase of the concerned item.

- i) The BIDDER who submits the tender on behalf of their principals should produce documentary evidence in support of their authority to quote or submit proforma invoice of their principals. In case the BIDDER is not represented by any Indian Agent the Bank Guarantee valuing US \$5400 .00 (US Dollars only) should accompany the Technical Bid towards EMD.
- ii) In case of bids in Foreign Currency, the Indian Representative/dealers can submit the EMD in INR to IISER, Tirupati without any relaxation.
- iii) The Bank Guarantee is insisted due to steep fluctuations in foreign exchange hence the foreign DD's are not accepted towards EMD. Bids submitted without EMD will stand rejected. EMD will not be accepted in the form of cash /cheque. No interest is payable on EMD.
- iv) The EMD will be returned to the BIDDERS(s) whose offer is not accepted by IISER, Tirupati within one month from the date of the placing of the final order(s) on the selected BIDDER(s). In case of the BIDDER(s) whose offer is accepted the EMD will be returned on submission of Bank Guarantee as Security Deposit (SD). However, if the return of EMD is delayed for any reason, no interest/penalty shall be payable to the BIDDERS.
- v) The successful BIDDER, on the award contract/ordered, must send the contract/order acceptance in writing, within 15 days of award of contract/order failing which the EMD will be forfeited.
- vi) The EMD shall be forfeited: In case a successful BIDDER fails to furnish the Security Deposit.

4.3. Technical Specifications:

Time & Specifications are the basic essence of the contract. It must be ensured that the offers must be strictly as per the tender specifications and must strictly adhere to the project/delivery timelines. At the same time, it must be kept in mind that merely copying our specifications in the quotation shall not make the parties eligible for consideration of the quotation.

A quotation has to be supported with the printed technical leaflet/literature of the quoted model of the item by the quoting party/manufacturer and the specifications mentioned in the quotation must be reflected /supported by the printed technical leaflet/literature. Therefore, the model quoted invariably be highlighted in the leaflet/literature enclosed with the quotation.



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

The Technical bid should not contain any price information (or) anything related to Financial Bid. Any mention of commercials/prices in the technical bid shall lead to disqualification of the tender and shall not be considered for further evaluation process.

Non-compliance of the above shall be treated as incomplete/ambiguous bid and the bid will be ignored/rejected without giving an opportunity for clarification/negotiation etc. to the bidder.

4.4. Compliance Statements:

i) Bidders must furnish a Compliance Statement of each and every required Specification of our tender in the format at ANNEXURE-‘B’. The deviations, if any, from the tendered specifications should be clearly brought out in the statement. Technical literature/leaflet showing the compliance of the specification must be attached with the quotation.

ii) Similarly, the Compliance Statement/questionnaire for Terms & Conditions of the tender may be furnished, as per the enclosed format at Annexure –‘A’, along with quotation (with techno- commercial bid in case of two bid tender system).

iii) The firms are advised to submit both the compliance statements essentially along with their quotation failing which their offer will not be considered.

5. Envelope 2: “Commercial Bid” shall contain:

i.) Cost of all the items should be mentioned clearly and individually in the Commercial Offer (Part-II) only.

ii) The BIDDERS are requested to quote for Educational Institutional Price for Equipment and software, since IISER TIRUPATI is an educational institution of national importance and is entitled for the concessional price.

iii) The prices should be shown against each item for the purpose of Insurance claims / replacements if any.

iv) List of deliverables / Bill of materials and services.

v) Annual Maintenance Certificate as per Annexure –‘H

vi) In case of foreign quote, the address of Principal’s / Manufacturer’s and their Banker’s details should be furnished.



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

Note:

(i) No request for extension of due date will be considered under any circumstances.

(ii) No sub-contracting is allowed with regard to installation, commissioning, training, warranty maintenance and after sales service. This is the sole responsibility of the Principals'/their authorized agents.

6. IISER Tirupati may issue corrigendum to tender documents before due date of Submission of bid. The bidder is required to read the tender documents in conjunction with the corrigendum, if any, issued by IISER Tirupati.

7. Bid Opening and Evaluation Process:

a. Technical Bids will be opened as per the Date Schedule & Time.

b. Financial Bids/Commercial Bids of the eligible bidders will be opened on a later date. The date and time for opening of Financial Bids /Commercial will be announced later.

c. Bids would be summarily rejected, if tender is submitted other than through online (or) Tender Fee in original is not submitted within stipulated date / time. IISER Tirupati shall not be responsible for any postal delay.

8. Technical Committee

(i) On the due date, the Technical bids will be opened and referred to a duly constituted technical committee. The committee will go through the technical aspects of the tender and recommend short listed firms. The recommendation of the technical committee is the final and binding on all the parties.

(ii) The technical evaluation will be an assessment of the Technical Bid. IISER Tirupati representatives will proceed through a detailed evaluation of the Technical Bids as defined in Chapter IV (Schedule of requirements, specifications and allied technical details), in order to determine whether they are substantially responsive to the requirements set forth in the tender. In order to reach such a determination, IISER Tirupati will examine the information supplied by the BIDDERS, and shall evaluate the same as per the specifications mentioned in this tender.

(iii) The technical committee may formulate evaluation criteria in addition to the specifications and requirements indicated in the tender, in the interest of IISER Tirupati and these criteria/recommendation will also form as a part of short-listing of the firms.

(iv) The Technical Committee will examine all the Technical aspects of the bids received. Further, the Technical Committee may seek additional information from the existing users at



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

IISER Tirupati or from other Institutes and also call for Technical presentations/mock up/demo from the BIDDERS if it is required so.

(v) The Institute may call for Technical Presentation/mock-up/demo of the product as a part of the technical evaluation by giving sufficient time for the bidders to make arrangements for the same.

(vi) The information received and the bids already submitted together and presentations/mock ups/demo (if any) will be examined with reference to the tendered specifications and evaluation is made by the Technical Committee.

(vii) After the technical evaluation is completed and approved, IISER Tirupati shall inform to the BIDDERS whose bids have been rejected technically along with the reasons for rejection.

(viii) The successful BIDDERS will be informed regarding the date and time of Commercial bid opening.

(ix) In the event of seeking any clarification from various BIDDERS by IISER Tirupati, the BIDDERS are required to furnish only technical clarifications that are asked for. No amendment to commercial bid will be entertained at that stage. In case if a BIDDER fails to quote for a particular item, it amounts to non-compliance and hence such bid will not be considered for further evaluation. Further during this process if any BIDDER indicates the price during the clarification, such bids also will not be considered for further evaluation.

9. Commercial Bid Evaluation:

Based on results of the Technical evaluation IISER Tirupati evaluates the Commercial Bid of those Bidders who qualify in the Technical evaluation.

a) IISER Tirupati shall be free to correct arithmetical errors on the following basis:

(i) If there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser, there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected.

(ii) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and

(iii) If there is a discrepancy between words & figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (i) and (ii) above.



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

b) Selling exchange rate/equivalent to Indian currency will be as on the date of bid opening in the case of single bidding and the rate on the date of opening of the Commercial bids i.e. Financial Bid in the case of two-part bidding.

c) The bids shall be evaluated on the basis of final landing cost as per format given in Price Schedule in case of import / indigenous items.

d) The comparison between the indigenous and the foreign offers shall be made on FOB destination basis and CIF/CIP basis respectively. However, the CIF/CIP prices quoted by any foreign bidders shall be loaded further as under:

- Towards customs duty and other statutory levies - as per applicable rates.
- Towards custom clearance, inland transportation etc. - 2% of the CIF/CIP value.

e) Where the price quoted on FOB/FCA and CIF/CIP basis are the same, the Contract would be made on CIF/CIP basis only.

f) The Vague terms like “packing, forwarding, transportation etc. extra” without mentioning the specific amount/percentage of these charges will not be accepted. **Such offers shall be treated as incomplete and rejected.**

g) After arriving at final pricing of individual offers of all the short listed firms, the lowest firm will be awarded with Contract/Purchase Order.

h) If there are any discrepancies in price schedule and tender document please refer to the BOQ in the Central Public Procurement Portal, the BOQ item/words/conditions mentioned in BOQ prevails

10. The Director, IISER Tirupati reserves the right to accept the offer in full or in parts or reject summarily or partly.

11. The relatives / near relatives of employees of the client are prohibited from participation in this bid. The near relatives for this purpose are defined as:

- (a) Members of a Hindu Undivided Family.
- (b) Their husband or wife.
- (c) The one is related to the other in the manner as father, mother, son(s), son's wife (daughter-in-law), daughter(s) & daughter's husband (son-in-law), brother(s) & brother's wife, sister(s) and sister's husband (brother-in-law).

12. Loading & Unloading: The loading and unloading of materials at IISER Tirupati during delivery is completely at the bidder scope. The bidder has to plan for the manpower and equipment if required for loading and unloading of the material.



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

CHAPTER-2: INSTRUCTIONS TO BIDDERS

1. PREPARATION AND SUBMISSION OF OFFERS:

a) Quotation should be submitted directly by the original manufacturer/supplier or its sole authorized distributor/dealer/Agent. In case of bid by authorized dealer/distributor/ Agent, the manufacturer authorization should be attached with the technical bid as per **Annexure-‘D’**.

One Agent can participate in a tender on behalf of one manufacturer only. No offer will be entertained if the same Agent is representing another manufacturer for the same item.

Bids from only one authorized distributor/retailer/reseller will be entertained, who has authorization from the company to quote for this tender. Multiple bids from various distributors from the same manufacturer will not be entertained & the company / principle providing multiple authorizations will be rejected from the tender.

b) The bidder shall bear all costs associated with the preparation and submission of its bid irrespective of the conduct or outcome of the bidding process.

a) The bidder should not indulge in any corrupt, fraudulent, collusive, coercive practices during the entire process of procurement and execution of contract/order.

b) In case of NON – LOCAL SUPPLIER i.e. a bidder is not doing business within India, the bidder shall furnish the certificate to the effect that the bidder is (or) will be represented by an agent in India equipped and able to carry out the supply, maintenance, repair obligations etc. during the warranty and post-warranty period (or) ensure a mechanism at place for carrying out the supply, maintenance, repair obligations etc. during the warranty and post-warranty period.

c) Before the deadline for submission of the bid, IISER Tirupati reserves the right to modify the bidding document and to extend or not to extend the date of submission. Such amendment/modification will be hosted on CPP portal and on the IISER Tirupati website.

f) Conditional tenders will be summarily rejected.

2. Delivery Period / Timeliness:

The deliveries & and installation must be completed within 10 Months after the placement of the purchase order. The time along with the specifications is the essence of the contract. It is mandatory for the BIDDERS who respond to this bid to meet these expectations, as are tightly linked to IISER Tirupati plans of completing the project within the time frame.



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

3. Security Deposit:

- a. Within fifteen (15) days of the award of contract, the vendor shall furnish a Security Deposit amounting to 10% of the purchase order value in the form of Demand Draft/Bank Guarantee **(from scheduled Bank only)** favouring the Director, Indian Institute of Science Education and Research, Tirupati.
- b. The IISER Tirupati will forfeit the 03% security deposit if the vendor fails to execute the order as per the Purchase Order.
- c. The Security Deposit should be valid for warranty period + 90 days, as the same will extend as a Performance Bank Guarantee. Hence while preparing the BG, the time period required for delivery and installation and warranty + 90 days needs to be accounted for to cover the BG validity period.
- d. This Security Deposit will be refunded to the bidder only on satisfactory completion of all contractual obligations as per this Tender and Purchase Order issued against this Tender.
- e. **Bank Guarantee wherever mentioned in this document may be read as “Bank Guarantee from any Scheduled Bank” only.**

4. Amalgamation/Acquisition etc.:

In the event the Manufacturer/Supplier proposes for amalgamation, acquisition or sale of its business to any firm during the contract period, the BUYER/Successor of the Principal Company are liable for execution of the contract and also fulfilment of contractual obligations i.e. supply, installation, commissioning, warranty, maintenance/replacement of spares accessories etc, post-sales and post-warranty support, AMC (if required) support and technical and administrative assistance related to product until end of life of the product and a while submitting your bid, you may confirm this condition.

5. Bid Validity Period:

- a. The prices must be valid at least for a period of **180 days** from the date of opening of the Tender. No changes in prices will be acceptable in any condition after opening of tender till the validity of the offer or execution of the order whichever is later
- b. Bid evaluation will be based on the bid prices without taking into consideration the above corrections.



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

6. AWARD OF CONTRACT:

- a. IISER Tirupati, shall award the contract to the technically qualified eligible BIDDER whose bid has been determined as the lowest evaluated commercial bid.
- b. If more than one BIDDER happens to quote the same lowest price, IISER Tirupati reserves the right to award the contract to more than one BIDDER or any BIDDER. In such cases, the bid shall be awarded to the bidder with the highest combined annual turnover for the previous three years.

7. IISER Tirupati reserves the right to vary quantities at the time of Award:

- a. IISER Tirupati reserves the right at the time of Contract award to increase or decrease the quantity of goods and services originally specified in the tender document without any change in unit price or other terms and conditions. Further, at the discretion of IISER Tirupati, the quantities in the contract may be enhanced by 25% within the delivery period.
- b. Firms which have already supplied similar equipment to IISER Tirupati and have not completed required installation/commissioning/after sales service/warranty replacements etc. such firms offer will not be considered for further evaluation and no enquiries thereafter will be entertained.

8. Cargo Consolidation and Customs Clearance:

IISER Tirupati has appointed its own Freight Forwarder and Custom House Agent for all the imports. Please note that all the consignments have to be routed through their associates only. The address and contact details will be provided at the time of placing the Purchase Order. This has to be confirmed by the bidders during submission of their bids.

9. Fraud and Corruption:

The IISER Tirupati requires that bidders, suppliers, contractors and consultants, if any, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy,

(a) The terms set forth below are defined as follows:

(i) “Corrupt practice” means the offering, giving, receiving, or soliciting, directly or in directly, of anything of value to influence the action of a public official in the procurement process or in contract execution;



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

- (ii) **“Fraudulent practice”** means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;
- (iii) **“Collusive practice”** means a scheme or arrangement between two or more bidders, designed to establish bid prices at artificial, non -competitive levels; and
- (iv) **“Coercive practice”** means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract

(b) The IISER Tirupati will reject a proposal for award if it determines that Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent collusive or coercive practices in competing for the Contract in question

10. Interpretation of the clauses in the Tender Document / Contract Document

In case of any ambiguity / dispute in the interpretation of any of the clauses in this Tender Document, The Director, IISER Tirupati interpretation of the clauses shall be final and binding on all the parties.



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

CHAPTER - 3: CONDITIONS OF CONTRACT

1. Prices:

Bid prices should be filled in the appropriate format as mentioned in Price Schedule. All the bidders should quote prices for each and every item/accessories separately

A) Bidders Quoting in Indian Rupees (INR)

(i) The price of the goods must be as per the BoQ.

(ii) In case of BoQ requesting for prices without GST. GST will be paid as per the norms. In the case of BoQ requesting for prices with GST and the bidder quoting without GST, the price quoted by the bidder shall be considered as with GST as per the BoQ and the bidder must be able to supply at the same rate mentioned in the BoQ. No request for additional charges apart from those mentioned in BoQ shall be entertained.

(iii) The price mentioned in BoQ must be inclusive of transportation, Insurance, loading and unloading and any other local service required for delivering the goods for the desired destination as decided by the IISER Tirupati. Loading and unloading is strictly in the scope of the bidder. IISER Tirupati will not provide any manpower/equipment support towards the same. The bidder must ensure all logistics, manpower support, machine and equipments required (if any) for delivering and installing the equipment at the determined location as informed by the Institute.

(iv) The installation, commissioning and training charges (if any) must be mentioned as per the BoQ (if requested separately in BoQ) else the price quoted will be taken as inclusive of installation, commissioning and training.

(v) The institute will not be responsible in case of the bidders failing to include any of the above mentioned prices in their bid. The price mentioned in the BoQ will be final and the bidder has to comply with that, if awarded the tender.

(vi) UNLOADING OF THE GOODS AT IISER TIRUPATI IS STRICTLY IN THE SCOPE OF THE BIDDER. NO MANPOWER/EQUIPMENT/MACHINE/LOGISTICAL SUPPORT WILL BE PROVIDED BY IISER TIRUPATI.

(vii) The goods must be disinfected properly before dispatching. The same has to be mentioned on the dispatch boxes also mentioning the date of disinfecting the boxes.

(viii) A representative of the successful bidder must be available during the delivery of the equipment at the Institute & must disinfectant the boxes again upon arrival at the Institute in case the shipping time to reach IISER exceeds forty-eight (48) hours. This has to be adhered to



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

strictly in the larger public interest of the staff and the people in contact with the boxes shipped to the Institute.

B) Bidders Quoting in Foreign Currency.

(i) The mode of shipment must be clearly mentioned in the BoQ viz Ex-works, FCA, FOB, CIP, DDP etc.

(ii) Courier mode of shipments will not be acceptable. The Shipments must be dispatched under Cargo Mode only.

(iii) The mode of shipment once mentioned cannot be changes without the consent of the IISER Tirupati.

(iv) Any financial implication leading to change of mode of shipment or any deviation from the bid submitted shall be borne by the bidder.

(v) The charges towards insurance and transportation of the goods and agency commission must be clearly mentioned.

(vi) The installation, commissioning and training charges (if any) must be mentioned as per the BoQ (if requested separately in BoQ) else the price quoted will be taken as inclusive of installation, commissioning and training.

(vii) The institute will not be responsible in case of the bidders failing to include any of the above mentioned prices in their bid. The price mentioned in the BoQ will be final and the bidder has to comply with that, if awarded the tender.

(viii) UNLOADING OF THE GOODS AT IISER TIRUPATI IS STRICTLY IN THE SCOPE OF THE BIDDER. NO MANPOWER/EQUIPMENT/MACHINE/LOGISTICAL SUPPORT WILL BE PROVIDED BY IISER TIRUPATI.

(ix) The goods must be disinfected properly before dispatching. The same has to be mentioned on the dispatch boxes also mentioning the date of disinfecting the boxes.

(x) A representative of the successful bidder must be available during the delivery of the equipment at the Institute & must disinfectant the boxes again upon arrival at the Institute in case the shipping time to reach IISER exceeds forty-eight (48) hours. This has to be adhered to strictly in the larger public interest of the staff and the people in contact with the boxes shipped to the Institute.



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

C. IISER Tirupati is exempted from payment of Customs Duty under notification No.51/96 dated 23.07.1996. No other charges than those mentioned clearly in the quotation will be paid.

D. **Bidders may also bid for High Sea sales.** However, entire documentation and clearance process will have to be handled by the Bidder. Any penalties/fine/demurrage levied by the Customs due to delay in paper work will be in the scope of the bidder. IISER Tirupati shall provide only statutory documentation wherever necessary.

2. Bank Charges:

All Bank charges inside India, including opening of LC, to IISER Tirupati Account and all charges outside India to Beneficiary's Account only. In case the BIDDER seeks confirmation of LC such confirmation charges are to the Beneficiary's account.

3. Agency Commission & Services:

a) The Indian Agency commission if any will be payable in Indian currency only after the receipt of consignment in good condition at our Stores and satisfactory installation, commissioning and demonstration of the ordered equipment.

b) In case of foreign quote, the Principal supplier should clearly indicate the address of the Indian Agent and percentage (%) of Agency Commission and taxes if any payable to him. Such amounts will be paid in Indian Currency to the Indian Agent.

c) Details of services rendered by the Agency/Indian Agent as well as after-sales services offered are to be clearly specified in the bid.

4. **Currency of Payment** - The contract price will be paid in the currency/currencies in which the price is stated in the contract.

5. **Performance Bank Guarantee:** The 10% Security Deposit which is mentioned above (Chapter 2 Point No 3) will be extended as Performance Bank Guarantee for a period of warranty period.

6. **Pre-installation:** The BIDDER has to state in detail the Electrical Power/UPS requirements, floor Space, head room, foundation needed and also to state whether Air-conditioned environment is needed to house the system and to run the tests. i.e. pre-installation facilities required for installation may please be intimated in the technical bid. Subsequently, before the consignment lands in IISER Tirupati the bidder shall confirm that the pre-installation requirements are sufficient for installation of the equipment. The BIDDER should continuously monitor the pre-installation requirements and see that everything is ready before the consignment is taken to the site for installation. Bidders should also bring sufficient technical



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

manpower for verification of pre-installation pre-requisites. Any requirement mentioned after the arrival of equipment to IISER Tirupati which may lead to delay in installation may lead to levy of penalty as decided by the institute.

7. INSTALLATION:

- a) BIDDER shall be responsible for installation / demonstration wherever applicable and for after sales service during the warranty and thereafter.
- b) Installation demonstration to be arranged by the supplier free of cost and the same is to be done within 15 days of the arrival of the equipment at site, unless otherwise instructed by the Institute, failing which a penalty of INR 500 per day from the day of actual installation requested by the Institute till the date of installation done by the bidder shall be levied.
- c) After successful installation what will be the minimum down time of equipment/instrument in case of breakdown. If the identified firm or person fails to put the system into working condition what is the further alternative course of action suggested to adhere to minimum down time should be covered in the Technical Bid.
- d) Sufficient technical manpower and housekeeping manpower must be arranged by the bidder at the time of installation and unloading of the equipment/goods.

9. INSPECTION:

- a) The inspection of the system will be done by our technical expert /Scientist in the presence of firm's representative.
- b) In case of receipt of the material in short supply or damaged condition, the supplier will have to arrange the supplies/ replacement of goods free of cost pending the settlement of the insurance case wherever applicable on FOR at the IISER Tirupati. FOR or CIF basis to the institute till satisfactory installation of the system, with in the stipulated time as decided by the Institute failing which penalty 1% of the total order value per week will be levied.

9. **TRAINING:** Wherever needed, Scientist/Technical persons of the Institute should be trained by the supplier at the project site free of cost. In case the person is to be trained at supplier's site abroad or in India it should be mentioned in the quotation clearly. The supplier should bear all the expenses for such training including 'to & fro' fares and lodging & boarding charges.

10. **WARRANTY / SUPPORT:** A clear confirmation on letter head should be given for this item along with acceptance to the points mentioned below:-

- a) The items covered by the schedule of requirement shall carry minimum of Five years of comprehensive warranty from the date of acceptance of the equipment by IISER Tirupati. Warranty shall include free maintenance of the whole equipment supplied including free replacement of parts. The defects, if any, shall be attended to on immediate basis but in no case any defect should prolong for more than 24 hours. The comprehensive warranty includes



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

onsite warranty with parts. The defects, if any, shall be attended to on immediate basis but in no case any defect should prolong for more than 24 hours, failing which penalty INR 5000 per day would be levied and same shall be deducted from Performance Bank Guarantee. The same has to be accepted by the bidder and acceptance for the same has to be mentioned on the letter head in the technical bid.

b) The turnaround time for resolving of any issue in case of indigenous bidders is 15 days and in case of import is 30 days from the date of intimation by the institute. Any delay in resolving the issue beyond the stipulated period mentioned above shall lead to extension of warranty period and forfeiture of the PBG.

c) The defects, if any, during the guarantee/warranty period are to be rectified free of charge by arranging free replacement wherever necessary. This includes cost, insurance, freight, custom duty, local taxes if any should be borne by the beneficiary or his agent. No cost will be borne by IISER Tirupati.

d) The warranty on the associated software should cover providing of upgraded version/s, if any, released during the warranty period free of cost.

e) The Bidder shall assure the supply of spare parts after warranty is over for maintenance of the equipment supplied if and when required for a period of 10 years from the date of supply of equipment on payment on approved price list basis.

f) The equipment must be supported by a Service Centre in India manned by the technical support engineers. Also, it should be possible to contact the Principal's vendor support Centre on a toll-free number/web/mail. The support through this Centre must be available. The support through this Centre must be available 24 hours in a day, seven days a week and 365 days a year.

g) The manufacturer/OEM should facilitate the bidder/Agent on regular basis with technology / product updates & extend support for the warranty as well.

h) The vendor will have to arrange for all the testing equipment & tools required for installation, testing & maintenance etc.

i) The principal vendor must have a local logistics support by maintaining spares in the country of deployment of the equipment, with the Indian Agent. This is to ensure immediate delivery of spares parts from Principal Vendor of equipment to its channel partner/system integrator.

j) Details of the onsite warranty along with the details of the agency who shall maintain during warranty and undertake Annual Maintenance Contract/Comprehensive Service Maintenance



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

Contract beyond warranty shall be given in the offer. In case of foreign quote, the Indian Agent who shall maintain during warranty and AMC beyond warranty shall be given in the Technical Offer

k) **Commencement Of Warranty Period:** The warranty period of an item shall commence from the date of successful installation, commissioning and demonstration at IISER Tirupati. The warranty period and validity of Performance Guarantee shall be extended for the period of delay in satisfactory installation and delay in warranty services.

12. **Reasonability of Prices:** The prices quoted must be the prices applicable for a premiere Education and Research Institute of National Importance. The bidder must give details of identical or similar equipment, if any, supplied to other IITs/ IISERs/ CSIR labs/ CFTI's during the last three years along with copies of the Purchase Orders and Performance certificate from them.

13. **Annual Maintenance Contract:** The bidder must mention in the quotation, the rate/amount of annual maintenance charges, if we opt for maintenance contract after expiry of the warranty period. This is mandatory to mention, wherever applicable. No sub-contracting will be allowed for installation or maintaining system/ equipment / instrument during or after warranty period.

14. **Indemnity:** The vendor shall indemnify, protect and save IISER Tirupati against all claims, losses, costs, damages, expenses, action suits and other proceeding, resulting from infringement of any law pertaining to patent, trademarks, copyrights etc. or such other statutory infringements in respect of all the equipment's supplied by the bidder/OEM.

15. **Freight & Insurance:**

a) **Imports:** In case of imports the freight & insurance will be paid by IISER Tirupati, as the consignments are shipped through the IISER Tirupati nominated freight forwarder (applicable only cases of FCA/FOB shipments).

b) **Indigenous :** The equipment'/items to be supplied will be insured by the vendor against all risks of loss or damage from the date of shipment till such time it is delivered at IISER Tirupati site in case of Indian Rupee (INR ₹) transaction.

16. **Payment:** - No advance payments are allowed under any circumstances.

A) INDIGENIOUS



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

For Indigenous items, 90% payment shall be made against delivery, installation, commissioning and balance 10% on demonstration of the whole system to the satisfaction of the Institute/Scientist/Technologist/Indentor/Professor etc.

If the PBG submitted as per Chapter 2 Clause No 3, requires extension to cover the Warranty Period the same will be done before release of the balance 10% Payment. Please note that the warranty period will be extended in case of non-resolving of issues in a stipulated time given by the institute as mentioned above.

B) IMPORT

i) **Letter of Credit** will be established for 100% order value excluding the Agency Commission due to the Indian Agents. The Letter of Credit will be established only on receipt of the Security Deposit as per Chapter 2 Clause No. 3.

90% payment shall be made against the presentation of original Shipping documents to our bankers or as per the LC terms and conditions. Balance 10% will be released after completion of satisfactory installation, commissioning, and demonstration of the whole system to the satisfaction of the Institute/User Scientist Technologist/Indentor/Professor. If the PBG, submitted as per Chapter 2 Clause No 3, requires extension to cover the Warranty Period the same will be done before release of the balance 10% Payment. Please note that the warranty period will be extended in case of non-resolving of issues in a stipulated time given by the institute as mentioned above.

(OR)

ii) **By Wire Transfer** - 100% payment shall be made via Wire Transfer on receipt and acceptance of Goods which includes delivery, installation, commissioning and demonstration of the whole system to the satisfaction of the Institute/User Scientist /Technologist/Indentor/Professor. If the PBG submitted as per Chapter 2 Clause No 3, requires extension to cover the Warranty Period the same will be done before release of the balance 10% Payment

iii) The payment of local currency portion shall be payable in Indian Rupees, within 30 days after the receipt of the equipment in good condition and after satisfactory installation, commissioning and demonstration.

iv) The Agency Commission to the Indian Agent will be paid in INR only after successful installation, commissioning and satisfactory demonstration and acceptance of the items ordered for by the end user.



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

17. Liquidity Damage for delayed Services

i) As time and specifications is the essence of the contract, Delivery period mentioned in the Purchase Order should be strictly adhered to, failing which, IISER Tirupati will forfeit SD and also LD clause will be applicable /enforced.

ii) If the supplier fails to Supply, Install and Commission the system as per specifications mentioned in the order within the due date, the Supplier is liable to pay liquidated damages of 1% of order value per every week of delay subject to a maximum of 10% beyond the due date. Such money will be deducted from any amount due or which may become due to the supplier.

iii) IISER Tirupati reserves the right to cancel the order in case the delay is more than 06 weeks. Penalties, if any, will be deducted from the Security Deposit.

18. Public Procurement (Preference to Make in India), Order 2017:

a) IISER Tirupati shall compare all substantially responsive bids to determine the lowest valued bid. This Institute is following and abides with the Public Procurement (Preference to Make in India), Order 2017, DIPP, MoCI Order No. P-45021/2/2017-B.E.II dated 15th June 2017 and its subsequent amendments. Accordingly, preference will be given to the Make in India products while evaluating the bids, however, it is the sole responsibility of the bidder(s) to specify the product quoted by them is of Make in India product along with respective documentary evidence as stipulated in the aforesaid order in the technical bid itself.

b) As per the above order and its subsequent amendments “Local Content” means the amount of value added in India which shall be value of the item procured (excluding net domestic indirect taxes) minus the value of the imported content in the item (including all the custom duties) as a proportion of the total value, in percent. Accordingly the suppliers will be classified in following categories.

- i) Class I local Supplier – has local content equal to more than 50%
- ii) Class II local Supplier – has local content more than 20% but less than 50%
- iii) Non –Local Supplier – has local content less than or equal to 20%

c) **Verification of Local Content** : The Class I Local Supplier /Class II Local Supplier/Non-Local Supplier at the time of bidding shall be required to indicate the percentage of local content and provide self-certification that the items offered meet the local content requirement. The details of the location(s) at which the local value addition is made also needs to be specified.

In case of procurement in excess of Rs.10 crores, the suppliers shall be required to provide the certificate from the Statutory auditor or cost auditor of the company giving the percentage of local content.



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

Note:

In case a complaint is received by the procuring agency or the concerned Ministry/Department against the claim of a bidder regarding local content/ domestic value addition in an electronic product, the same shall be referred to IISER TIRUPATI.

Any complaint referred to IISER TIRUPATI shall be disposed of within 4 weeks. The bidder shall be required to furnish the necessary documentation in support of the domestic value addition claimed in an electronic product to IISER TIRUPATI. If no information is furnished by the bidder, such laboratories may take further necessary action, to establish the bonfires of the claim.

A complaint fee of Rs.2 Lakh or 1% of the value of the domestically manufactured electronic products being procured (subject to a maximum of Rs. 5 Lakh), whichever is higher, to be paid by Demand Draft to be deposited with IISER TIRUPATI. In case, the complaint is found to be incorrect, the complaint fee shall be forfeited. In case, the complaint is upheld and found to be substantially correct, deposited fee of the complainant would be refunded without any interest.

False declarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law.

The bidders can be debarred for a period up to two years as, per Rule 151(iii) of GFR 2017, in case of false declaration.

19. Mandatory Requirement of registration for bidders sharing land borders with India:
Vide Ministry of Finance OM No. 6/18/2019-PPD dated 23rd July 2020.

i. Any bidder from a country sharing a land border with India will be eligible to bid in this tender only if the bidder is registered with the Department for Promotion of Industry and Internal Trade (DPIIT).

ii. "Bidder" (including the term 'tenderer', 'consultant' or 'service provider' in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process.

iii. "Bidder from a country which shares a land border with India" for the purpose of this Order means:

a) An entity incorporated, established or registered in such a country; or



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

- b) A subsidiary of an entity incorporated, established or registered in such a country; or
- c) An entity substantially controlled through entities incorporated, established or registered in such a country; or
- d) An entity whose beneficial owner is situated in such a country; or
- e) An Indian (or other) agent of such an entity; or
- f) A natural person who is a citizen of such a country; or
- g) A consortium or joint venture where any member of the consortium or joint venture falls under any of the above

For details about registration procedures please visit the above-mentioned OM. Mandatory documentary evidence regarding the bidder's registration with DPIIT is to be submitted along with the tender, failing which the tender shall be liable for rejection.

Bidders are also requested to submit the Model Certificates as **per Annexure 'K'** for this tender as mentioned in the Ministry of Finance OM No. 6/18/2019-PPD dated 23rd July 2020.

20. Force Majeure: IISER Tirupati may consider relaxing the penalty and delivery requirements, as specified in this document, if and to the extent that the delay in performance or other failure to perform its obligations under the Contract, is the result of a Force Majeure. Force Majeure is defined as an event of effect that cannot reasonably be anticipated such as acts of God (like earthquakes, floods, storms etc.) acts of states, the direct and indirect consequences of wars (declared or undeclared) hostilities, national emergencies, civil commotion and strikes at successful Bidder's premises. The bidder will immediately notify the IISER Tirupati by reasonable detail of the Force Majeure Event. If a Force Majeure Event continues for more than 30 days, the Institute may cancel the purchase order issued, without liability.

21. DISCREPANCIES If there are any discrepancies in price schedule and tender document please refer to the BOQ in the Central Public Procurement Portal, the BOQ item/words/conditions mentioned in BOQ prevails.

22. Dispute Settlement:

IISER Tirupati and the supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

If, after twenty-one (21) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the IISER Tirupati or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration.



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

Arbitration may be commenced prior to or after delivery of the Goods under the Contract. The dispute settlement mechanism/arbitration proceedings shall be concluded as under:

(a) In case of Dispute or difference arising between the IISER Tirupati and a domestic supplier relating to any matter arising out of or connected with this agreement, such disputes or difference shall be settled in accordance with the Indian Arbitration & Conciliation Act, 1996, the rules there under and any statutory modifications or re-enactments thereof shall apply to the arbitration proceedings. The dispute shall be referred to the Director, IISER Tirupati, if he is unable/ unwilling to act, to the sole arbitration of some other person appointed by his willing to act as such Arbitrator. The award of the arbitrator so appointed shall be final, conclusive and binding on all parties to this order.

(b) In the case of a dispute between the Purchase and a Foreign supplier, the dispute shall be settled by arbitration in accordance with provision of sub-clause (a) above. But if this is not acceptable to the supplier, then the dispute shall be settled in accordance with provisions of UNCITRAL (United Nations Commission on International Trade Law) Arbitration Rules. The venue of the arbitration shall be the place from where the purchase order or contract is issued.

23. **Jurisdiction:** The disputes, legal matters, court matters, if any, shall be subject to Tirupati Jurisdiction only.

Deputy Registrar (S&P)



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

CHAPTER 4 SPECIFICATIONS

Specifications for High Resolution Transmission Electron Microscope (HRTEM)

IISER Tirupati has a requirement for state-of-the-art 200 kV aberration corrected High Resolution Transmission Electron Microscope (HRTEM) along with the accessories. In addition to the installation and in-house operational training, the following minimum instrument specifications are required.

Sl. No	Items	Required Specifications
1	Accelerating voltage	<ul style="list-style-type: none">• Acceleration voltage up to 200 kV (variable either in steps or continuously)• Pre-alignments should be available for various accelerating voltages (at least three of 200, 120 and 80 kV).• The stability of the high-tension voltage is 0.5 ppm/min (or better).
2	Electron Source	<ul style="list-style-type: none">• Cold field emitter with a minimum lifetime of 5 years or more• Ultra-high-brightness cold field emission gun (Cold FEG) with energy resolution of <0.3 eV or better Brightness at 200 KV = 8×10^8 A/cm²·sr or better.• Analytical probe current for a probe size of 0.19 nm should be > 1 nA.• Additional cold FEG source for replacement must be added and should be installed on-site at no additional charges when required.
3	Operation modes	<p>TEM should be computer-controlled with the following operational modes:</p> <ul style="list-style-type: none">• TEM imaging as bright field (BF), dark field (DF), HRTEM, and HR STEM mode.• Modes like HAADF, Diffraction, CBED, SAED, NBD, STEM segmented detector with multiple channels for simultaneous imaging• TEM should be supported Lorentz mode in both TEM and STEM modes.



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

		<ul style="list-style-type: none"> • EDS using TEM/STEM modes, and EDS spectral imaging and mapping in STEM mode. • The system should be equipped with built-in aberration corrector (Cs). • TEM Should be on site upgradable for EELS and Cryo.
4	Resolution	<p>The TEM quoted should deliver the following resolution</p> <ul style="list-style-type: none"> • TEM Point resolution ≤ 0.23 nm at 200 kV • Line resolution of at least ≤ 0.10 nm • TEM Information limit ≤ 0.11 nm • STEM resolution 78 pm or lower at 200 kV with built-in aberration corrector. • Pole piece gap should be compatible for EDS system for simultaneous operations.
5	Stage and Specimen Chamber	<ul style="list-style-type: none"> • Computerized 6-axis (X,Y, X-tilt, Y-tilt, Z, rotation), eucentric goniometer fully motorized for accurate recall of stored positions and tracking of the areas visited during sample navigation. • Specimen stage X movement range – ± 1 mm (in total or more); Y movement range – ± 1 mm (in total or more) and Z movement range – ± 0.20 mm (in total or more). • Tilt angle at least ± 35 deg with standard single tilt holder. • With tomography holder ± 80 degrees tilt range or greater. • Drift rate at <0.5 nm/min • Goniometer stage should accept variety of specimen holder including heating, cooling, and low background double tilt holder. • Image fine shift: Electromagnetic shift mechanism for X-Y translation should be possible.
6	Magnification	<ul style="list-style-type: none"> • The TEM Magnification should range from 50x to 2 Mx or higher. • The STEM Magnification should range from 200x to 150 Mx or higher.



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

7	Image/Data recording system	<ul style="list-style-type: none">• A bottom mounted, retractable and EELS compatible, high resolution camera operating on a separate 64-bit computer with WIN Server OS and the following features/ specification:<ul style="list-style-type: none">i. A high-performance scintillator camera with a CMOS sensor capable of collecting images, video at 100% duty cycle.ii. Fully supports TEM operation from 80 – 300 kV.iii. Includes a CMOS sensor of 4096 x 4096 pixels. The pixels are 15 μm, giving a 61 x 61 mm active sensor size.iv. The CMOS sensor should have high-dynamic range (HDR) readouts to improve the camera's dynamic range (>80 dB)v. The camera's CMOS sensor should offer both binning modes and sensor sub-area readout modes with options for bin x1, x2 and x4. Sub-area readout options of the center $\frac{1}{2}$, $\frac{1}{4}$, or $\frac{1}{8}$ sensor region. The sensor should combine binning and sensor sub-area readout options.vi. The camera's CMOS sensor should record 4096 x 4096 images and video data at 50 frames per second. The sensor should have a maximum framerate of 1,600 frames per second when using binning and sensor-sub area readout.vii. The scintillator and fiber optic plate should be ideally matched in 1:1 correspondence to the sensor for light transfer from scintillator to the CMOS sensor.viii. The CMOS sensor should be optimized for sensitivity, speed and resolution. It should be possible to do in-line data processing and real-time drift correction at 4096 x 4096.ix. Camera should be able to align, search, focus and stigmatize at full resolution with ease on an UHD monitor at 50 frames per secondx. DQE (Detectable Quantum Efficiency) of >11% at half Nyquist at 200 kV operation, 4k x 4k.xi. Conversion efficiency @ 200 kV should be more than 100 counts per



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

		<p>primary electron.</p> <p>xii. Latest software version running on 64-bit with tabbed workspaces, data layout and easy to use technique centric workflow for image acquisition, manipulation and processing / post processing.</p> <p>xiii. Should have the flexibility to do routine EM, HRTEM, diffraction, In-Situ, Tomography and upgradable to 4D STEM experiments.</p> <p>xiv. A single and suitable high end computing system to be provided for smooth operation of the camera and EELS system.</p> <p>XV. compatible with In-situ measurements</p>
8	Vacuum System	<ul style="list-style-type: none"> • TEM Column Area: $\leq 2 \times 10^{-5}$ Pa (or better) • FEG Gun Area: $\leq 10^{-8}$ Pa (or better) • Complete oil free dry pumping vacuum system suitable for FEG and EDS to be offered. • Clean ultrahigh dry differential pumping system. The system should have sufficient number of Oil-free Ion Getter Pumps/Sputter Ion Pumps for Column, Gun and Specimen chamber. • Suitable vacuum pump for Camera Section should be provided. Fully automatic sequential control for operation of vacuum pumps. Built-in automatic control of bake-out system. • Specimen airlock should be pumped by a dedicated turbo-molecular pump (TMPm) backed by a membrane pump. • Projection chamber and plate camera should be pumped by a turbo-molecular pump (TMPp), backed by a membrane pump. • Pumping time from start to ultimate vacuum should be less than 60 min. • Vacuum recovery time after specimen exchange should be less than 1.5 min. • The vacuum system should possess fail-safe mechanism with suitable



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

		electronics interlock. Software-based continuous monitoring and display of pressure must be available.
9	Detector - STEM	<ul style="list-style-type: none">• STEM system should have bright field (BF), dark field (DF), high-angle annular dark field (HAADF) and SE(secondary)/BSE (back scattered) detectors.• The STEM detectors should have 4 or more segments with capability to read each segment individually.• 4 parallel imaging channels should be available to acquire 4 or more images at the same time from different STEM detectors magnification 150 Mx or more• Drift correction via frame integration should be possible.
10	Analytical features - EDS	<p>EDS detector (SDD) should be retractable from the TEM column, while the detector is not used.</p> <ul style="list-style-type: none">• The EDS detector size should be 100 mm² or larger as total size.• The EDS should be capable of detecting elements from B to U onwards.• The EDS Resolution at Mn-Kα should be ≤ 129 eV at 100,000 spectra/s or better• The EDS should be capable of single point analysis, multipoint analysis, selective element mapping, line scan, selected area analysis, qualitative and quantitative analysis (with Thin Film Approximation (ratio) correction).• The EDS software should have features like peak auto identification routine, spectral match analysis, automatic background subtraction, spectrum processing using filters, least square fitting and peak de-convolution. Pile up correction and background noise reduction, simultaneous imaging and analysis should be possible.• The calibration standards for EDS should be provided. The supplier should arrange for seamless interfacing, software, installation and commission for EDS.
11	Lens System	<ul style="list-style-type: none">• Objective lenses should be high stable lens design, stability of the objective lens current is 0.5 ppm/min (or better).



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

		<ul style="list-style-type: none">• The objective lens should enable the use of various in-situ holders and large angle double-tilt holders for analytical microscopy.• System should consist of standard four-stage lens systems with condenser lens, objective lens, objective mini-lens, intermediate and projection lenses resulting in a system with spherical and chromatic aberrations ≤ 1.4 mm.• The lens system should be image rotation-free at least within 10,000x or higher.• Variable objective lens aperture, Selected area and Condenser apertures with at least ≥ 3 sizes should be provided.• The apertures must be motorized.
12	Specimen holders	<ul style="list-style-type: none">• Common specimen holder• Single tilt holder• Low background Double tilt for X-ray analysis
13	Calibration standards	Calibration standards should be supplied for TEM STEM EDX
14	Tool kit	Suitable and essential tool kit is to be supplied with the system for the required maintenance
15	Spares and accessories	<ul style="list-style-type: none">• The system should be supplied with all the accessories and consumables to run for at least 5 years.• The list of spares should be provided in the technical bid. In addition, it is to be noted that the spare parts of the quoted system should be available for at least 7 years after the discontinuation of the same system.
16	Consumabl	Consumables to run for at least 5 years should be quoted.



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

	es	A list of consumables must be listed in technical bid
17	Chiller and Compressor	Suitable water chiller and air compressor (as required for your system) must be supplied to support the quoted system for smooth operation. Close circuit, automatic temperature and flow rate controlled chiller.
18	User Interface	<ul style="list-style-type: none"> Fully computer-controlled system with Windows based software for operating the microscope along with keyboard and mouse. <p>Single user interface to control the TEM, STEM, EDX and camera recordings is to be quoted.</p> <ul style="list-style-type: none"> Manual control panel using knobs, sample movement by track ball or joystick. <p>Control Panel and Joystick-control panel including multifunction keys/knobs for control and adjustment of TEM parameters (focus, magnification etc.) and manual joystick control for stage in X, Y, Z tilt and rotation directions.</p>
19	CPU and software	<ul style="list-style-type: none"> Latest compatible branded high-speed computer (dual core processor or higher version) with pre-loaded licensed software for the quoted system. At least Two 32 inch or bigger high definition monitor(s) for HRTEM operation for split display of image recording/processing, and EDS analyses. Specify computer speed, processor, RAM and graphics card. All the computers for HRTEM must be factory fitted and tested with pre-loaded software for operating these systems. All software used to operate the instrument, acquire and process the data should be licensed and should be factory preloaded. Remote license should be provided to monitor and facilitate applicable remote servicing online.
20	Safety Devices	The TEM should be equipped with self-diagnostic functions to detect problems like pneumatic pressure abnormality, cooling water temperature abnormality, reservoir tank pressure abnormality, etc.
21	Site preparation	Supplier or their authorized agent needs to verify/survey the installation site prior to submitting the tender bids.
22	Power requirements	<ul style="list-style-type: none"> Should meet Indian Power standards preferably without use of external



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

	t	<p>converters.</p> <ul style="list-style-type: none">• All power supplies must conform to the mains supply: 230 ±10 volts, 50Hz.• ONLINE UPS of adequate rating to support the TEM and all its accessories and supporting systems, with dry fit batteries and plug-in connections and dialogue mode.• Separate UPS for Chiller and microscope. For Microscope minimum 10 kVA and Chiller minimum 10 kVA with 1 hr backup should be quoted.
23	Technical manpower support	<ul style="list-style-type: none">• Deployment of a dedicated and trained manpower for the operation of the instrument should be provided for the initial 5 years.• The manpower deployed should be well trained in all aspects related to the instrument and should be able to operate diverse samples.• The manpower shall report in person to the Head of the Department on day to day basis.• The OEM must replace the manpower in the event of their services not found satisfactory by the Institute within 72 hours of the notice being sent, failing which, penalty @ INR 5000/- per day shall be levied which shall be deducted from the Performance Guarantee. Delay beyond 10 days in deployment shall lead to blacklisting/debarment of the firm.
24	Installation and commissioning	<p>The manufacturer/supplier should undertake installation, complete interfacing of the system with its subsystems, commissioning of the equipment along with all attachments/ accessories and also demonstrate the performance guaranteed as per specifications at site. The warranty period will start after successfully demonstrating the given specifications and acceptance of the system including all of the attachments.</p>
26	Training and Service Support	<ul style="list-style-type: none">• Onsite training to the researchers on all specified capabilities of the instrument by the company person in two phases. First training for one week immediately after commissioning of the equipment followed by second training six months later.• Necessary documents, operational & system manual in the form of CD and hardcopy must be supplied with the system.• Suitable service facility for computer hardware or software related problems



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

		<p>should also be provided.</p> <ul style="list-style-type: none">• In the event of any technical glitch/breakdown, the OEM must provide the essential technical support within 72 hours of report of the complaint and the issue must be resolved within 07 days of the complaint, failing which, penalty @ INR 10000/- per day shall be levied which shall be deducted from the Performance Guarantee. Delay beyond 15 days in providing the resolution shall lead to blacklisting/debarment of the firm.
25	Warranty	<ul style="list-style-type: none">• Mandatory standard 5 years of comprehensive warranty for the entire HRTEM set-up (i.e. microscope, hardware and software; any ancillary hardware and software).• The comprehensive warranty must include the entire cost of related to uninterrupted operation of the setup such as parts, labour and services from the date of completion of installation.• The supplier should enclose documentation to ensure the availability of spare parts and repair kits as required, and technical support for the microscope and all associated equipment, for up to a period of seven (07) years from the date of installation.• Comprehensive warranty cost of additional two years should be quoted separately.
26	Compliance Statement	<p>The supplier must submit a table indicating the compliance of the features of the model of the equipment being quoted with those given in the indent. Features not matching – must be clearly indicated. Additional features and features in the quoted equipment which are better than those in the indent – may be clearly explained. The supplier must submit technical brochures and proper application notes adequately explaining and confirming the availability of the features in the model of the equipment being quoted.</p>
27	Required Documents along with technical specifications	<p>The supplier must provide a comprehensive list of users of similar system in India and abroad. They should also submit the name(s) of the service engineer(s) employed by them who is/are competent in maintenance and servicing the equipment along with their locations in India.</p>



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

28	Delivery Time	Delivery must be completed within 6 to 10 months from the date of the letter of credit being established.
29	Additional Terms	Compliance statement: With soft copy - point wise according to our document. Original documents supporting the specifications should be provided.

Upgradable optional items (to be quoted separately)

- TEM Should be on site upgradable for EELS. The camera and lenses should be compatible for the onsite upgradation in future.
- The lock in cost on additional 2 years of warranty (above 5 years) may be quoted separately.
- The lock in AMC cost after the warranty period may be quoted as optional.

Optional Items

1 Ultra Microtome-01 No

2. Plasma cleaner:01 No



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

NOTE:

1. Bidders should give point by point compliance w.r.t. the tender specifications. Bidders should provide technical literature and brochure of the offered model and mention the same in the compliance table. Bids without technical literature will be summarily rejected.
2. Point by point compliance of the bid in a tabular format w.r.t specifications along with reference to the pages in the technical literature submitted by the bidder is to be clearly mentioned and submitted.
3. Non-compliance to any of the two points above shall be treated as INCOMPLETE/PARTIAL BID & shall not be considered for further process.
4. If technical committee wishes to examine the instrument specification, the vendors may also be called for the demonstration of instrument for the various parameters.
5. The bidder must have supplied at least five (5) systems during the last three (3) years to Government Organizations we IISER/CSIRs/IITs in India. and, bidder must enclose order copies and its performance certificates.



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

CHAPTER-5 PRICE SCHEDULE FORMAT

The Bill of materials must be included in the technical offer as well as commercial offer. However, the Technical offer should not contain any price information.

PRICE SCHEDULE FOR GOODS -INR

Name of the Bidder _____

Tender No. _____

1	2	3	4	5	6	7	8	9	10	11	12
Sl. No.	Item Description	Country of Origin	Qty	Unit	Ex-Works. Ex-Warehouse, Ex-show room off the shelf price (inclusive of tax already paid)	Ex Total (FOR) - Works. Ex-Warehouse, Ex-show room off the shelf price (inclusive of tax already paid) 4x6	GST payable, if contract is awarded	Packing & forwarding up to station of dispatch, if any	Charges of inland transportation, insurance up to Institute	Installation, Commissioning & training charges, If any.	Gross Ex Total (FOR)
1	HRTEM		01	No							
2	Ultra-Microtome		01	No							
3	Plasma cleaner		01	No							

Total Bid price in _____ in words

Signature of Bidder:

Name

Stamp

Note:

The cost of optional items shall be indicated separately.

The bidder may add rows to include the prices of all components & warranties, installation etc. whichever applicable.

Cost of Spares _____

Warranty if being charged include in BoQ



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

PRICE SCHEDULE FOR GOODS - FOREIGN CURRENCY

Name of the Bidder _____

Tender No. _____

1 Sl. No.	2 Item Description n	3 Country of Origin & HSN Code	4 Qty	5 Unit	6 Unit Price		7 Total Price (4 x 6)		8 Charges for Insurance & transportation to port/ place of destination		9 Total Price (7+8) CIP/CIF
					FOB Port of Shipment	FCA Port of Shipment	FOB Port of Shipment	FCA Port of Shipment	Sea	Air	
1	HRTEM		01	No							
2	Ultra-Microtome		01	No							
3	Plasma cleaner		01	No							

Total Bid price in foreign Currency _____ in words.

Signature of Bidder:

Name:

Stamp

Note:

The cost of optional items shall be indicated separately.

The bidder may add rows to include the prices of all components & warranties, installation etc. whichever applicable.

(a) Cost of spares _____

(b) Warranty if being charged include in BoQ



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

ANNEXURE - A

Tender No.: _____

Due Date _____

FORMAT/QUESTIONNAIRE FOR COMPLIANCE OF TERMS AND CONDITIONS

NOTE:

1. Quotation will not be considered without submission of this form.
2. If a particular question is not at all applicable, please write NA in compliance part in Col. No. 4 below.
3. Kindly see the relevant terms & conditions of the tender document in each question before replying to the questions mentioned in Col. 2 below.

S. No	Terms & conditions of Tender document	Whether acceptable (say 'Yes' or 'No' (preferably use different color ink for 'No')	Deviation from tender terms, if any, with reasons for non-compliance or alternative condition quoted for
1	a.) Whether quotation is direct from Principal supplier/manufacturer or their own office in India (Please specify clearly with all details)		
	b) Whether quotation is being submitted by Indian Agent/authorized distributor/ dealer		
	c) Whether the agent is registered with NSIC/MSME, if yes, please provide details with location of manufacturing unit.		
2	Whether techno-commercial Bid contains Bid Securing Declaration, technical literature/leaflets, detailed specifications & commercial		



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)

C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,

Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

	terms & conditions etc. as applicable		
3	a) <i>Whether the Proof of tender Fee is being submitted with the Technical Bid.</i>		
4	a) If the prices are on Ex-Works /FOB, FCA/ or CIF, CIP basis for foreign currency bids (Please specify port of shipment/place of delivery abroad)		
	b) Whether specific amounts or percentage of expenses like packing, forwarding, handling, freight, insurance, documentation etc. have been separately mentioned in quotation in clear terms.		
5	a) Whether prevailing rates of GST & other govt. levies (for indigenous supplies) have been given in quotation		
6	Is the validity period of the quotation/bid specified as per our requirements ?		
7	a) Whether copies of previous supply/purchase orders of the same item from other customers have been attached with the quotation ?		
	b) Whether the Price reasonability Certificate is submitted with quotation ?		
8	Whether rates/amount of AMC after the warranty period has been mentioned ?		
9	a) Whether the Make/Brand, Model number and name of		



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)

C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,

Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

	manufacturer has been mentioned in the quotation and Printed technical literature/ leaflets of quoted items have been submitted		
	<i>b) Whether the country of origin of all parts/accessories of the equipment is mentioned along with compliance of the instructions issued by Government of India vide its order issued by the Ministry of Finance OM No. 6/18/2019-PPD dated 23rd July 2020., mentioned on the letter head separately?</i>		
10	a) Whether compliance statement of specifications has been attached with the Technical Bid.		
11	a) Whether the delivery period for supply of the items has been mentioned?		
	b) Whether mode of delivery, tentative size & weight of the consignment has also been indicated?		
12	Do you agree to the submission of Security Deposit /Performance Bank Guarantee as per the terms of the Tender and has the same been mentioned in your tender?		
13	a) Do you agree with the payment terms for indigenous supplies?		NO DEVIATION PERMITTED
	b) Do you agree with the payment terms for imports supplies?		



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)

C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,

Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

14	a) Do you agree about the date of commencement of warranty period & its extension is necessary.		
	b) Did you submit the warranty undertaking on the letter head as mentioned under the Warranty/Support heading in point No.10 above?		NO DEVIATION PERMITTED
15	Who will install/commission and demonstrate the equipment at IISER Tirupati. i.e Indian Agent or OEM		
16	Has Certificate about the availability of Spare parts been submitted with the Technical Bid?		
17	a) Do you agree that on receipt of material in damaged condition or short supply you will replace the same on CIF basis, free of cost pending the settlement of the insurance claim?		
	b) Do you agree with the clause of physical inspection?		
18	Whether you agree to the penalty clause for late delivery & installation?		NO DEVIATION PERMITTED
19	Whether training to our scientist/technical person will be given free of cost. If yes, have you specified in quotation whether it will be in our lab (or) at supplier's site in India (or) abroad.		
20	a) Whether all the pages have been page numbered and		



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)

C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,

Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

	references of the pages in the technical literature is mentioned in the compliance sheet w.r.t tender specifications ?		
	b) Whether quotation has been signed and designation & name of signatory mentioned?		
21	Whether all the pages of the tender signed as acceptance to the terms and conditions mentioned in the tender document?		

Signature of the Bidder

Name

Stamp



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

ANNEXURE - B

FORMAT OF COMPLIANCE STATEMENT OF SPECIFICATIONS

1	2	3	4	5	6
S. No.	Name of specifications/part / Accessories of tender enquiry As per Chapter 4 of the Tender Document.	Specifications of quoted Model/ Item	Compliance Whether "YES" Or "NO" (Reference to page No. in the technical literature to be mentioned)	Deviation, if any, to be indicated in unambiguous terms	Whether the compliance / deviation is clearly mentioned in technical leaflet/ literature
1					
2					
3					

Note : Bidders are required to fill this table as per the specifications given in the Chapter 4 of this Tender Document. The technical specifications needs to be reproduced in the table at Column No 2 and then fill in the relevant details for each specifications.

Signature of the Bidder

Name

Stamp



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

ANNEXURE – C

BID SECURITY FORM

Whereas (Hereinafter called “the tenderer”)
has submitted their offer dated for the supply of
(Hereinafter called “the tender”) against the purchaser’s tender enquiry No.

KNOW ALL MEN by these presents that WE (Name of
bank) of (Name of country), having our registered office at
..... (Address of bank) (Hereinafter
called the “Bank”), are bound unto (Name of
purchaser) (Hereinafter called “the purchaser”) in the sum of for which
payment will and truly to be made to the said Purchaser, the Bank binds itself, its successors,
and assigns by these presents. Sealed with the Common Seal of the said Bank this day
of..... 20.....

THE CONDITIONS OF THESE OBLIGATIONS ARE:

1. If the tenderer withdraws or amends, impairs or derogates from the tender in any respect within the period of validity of this tender.
2. If the tenderer has been notified of the acceptance of his tender by the Purchaser during the period of its validity.
3. If the tenderer fails to furnish the Performance Security for the due Performance of the contract.
4. Fails or refuses to accept/execute the contract.

WE undertake to pay the Purchaser up to the above amount upon receipt of its first written demand, without the Purchaser having to substantiate its demand, provided that in its demand the Purchase will note that the amount claimed by it is due to it, owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)

C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

The guarantee shall remain in force up to and including Ninety (90) days after the period of the bid validity, and any demand in respect thereof should reach the Bank not later than the above date.

.....

(Signature of the authorized officer of the Bank)

Name and Designation of the Officer

Seal, Name & Address of the Bank and address of the branch



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

ANNEXURE - D

MANUFACTURER'S AUTHORIZATION FORM

[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that re binding on the Manufacturer]

To
The Director,
IISER Tirupati
Dear Sirs,

Ref. Your Tender Document No..... Tender Title:.....

We, -----, are proven and reputable manufacturers of the Tendered Goods. We have factories at----- . We hereby authorize Members----- (name and address of the authorized dealer) to submit a bid, process the same further and enter into a contract with you against the above referred Tender Process for the supply of above Goods manufactured by us. Their registration number with us is, dated/ since.....

- 1) We further confirm that no Contractor or firm or individual other than Messrs. (name and address of the above-authorized dealer) is authorized for this purpose.
- 2) As principals, we commit ourselves to extend our full support for warranty obligations, as applicable as per the Tender Document, for the Goods and incidental Works/ Services offered for supply by the above firm against this Tender Document.
- 3) Our details are as under:
 - (a) Name of the Company:.....
 - (b) Complete Postal Address:
 - (c) Pin code/ ZIP code:
 - (d) Telephone nos. (with country/ area codes):
 - (e) Fax No.: (with country/ area codes):
 - (f) Mobile Nos.: (with country/ area codes):
 - (g) Contact persons/ Designation:
 - (h) Email IDs:



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)

C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

- 4) We enclose herewith, as appropriate, our ----- (Bye-Laws/ Registration Certificate/
Memorandum of Association/ Partnership Agreement/ Power of Attorney/ Board
Resolution)

Yours faithfully,

.....

[signature with date, name, and designation]

for and on behalf of Messrs.....

[name & address of the OEM and seal of company]



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

ANNEXURE – E

PREVIOUS SUPPLY ORDER LIST FORMAT

Order placed by <i>{Full address of Purchaser}</i>	Order No. and Date	Description and quantity of ordered equipment	Value of order	Date of completion of delivery as per contract	Date of actual completion of delivery	Remarks indicating reasons for late delivery, if any and justification for price difference of their supply order & those quoted to us.	Has the equipment been installed satisfactorily? <i>{Attach a certificate from the Purchaser/ Consigner}</i>	Contact Person along with Telephone no., Fax no. and e-mail address.

Signature and Seal of the Manufacturer/ bidder

Place:

Date:



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

ANNEXURE – F

BIDDER INFORMATION FORM

(On Company Letter-head)

(Along with supporting documents, if any)

Bidder's Name _____

[Address and Contact Details]

Bidder's Reference No. _____ Date.....

Tender Document No. Tend No./ xxxx; Tender Title: GOODS

Note: Bidder shall fill in this Form following the instructions indicated below. No alterations to its format shall be permitted, and no substitutions shall be accepted. Bidder shall enclose certified copies of the documentary proof/ evidence to substantiate the corresponding statement wherever necessary and applicable. Bidder's wrong or misleading information shall be treated as a violation of the Code of Integrity. Such Bids shall be liable to be rejected as nonresponsive, in addition to other punitive actions provided for such misdemeanours in the Tender Document.

(Please tick appropriate boxes or strike out sentences/ phrases not applicable to you)

5) Bidder/ Contractor particulars:

- (i) Name of the Company:.....
- (j) Corporate Identity No. (CIN):
- (k) Registration, if any, with The Procuring Entity:
- (l) GeM Supplier ID (if registered with GeM, it is mandatory at the time of placement of Contract)
- (m) Place of Registration/ Principal place of business/ manufacture
- (n) Complete Postal Address:
- (o) Pin code/ ZIP code:
- (p) Telephone nos. (with country/ area codes):
- (q) Mobile Nos.: (with country/ area codes):
- (r) Contact persons/ Designation:
- (s) Email IDs:



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

- Company's Legal Status (tick on appropriate option)
- 1) Limited Company
 - 2) Undertaking
 - 3) Joint Venture
 - 4) Partnership
 - 5) Others
- Company Category
- 1) Micro Unit as per MSME
 - 2) Small Unit as per MSME
 - 3) Medium Unit as per MSME
 - 4) Ancillary Unit
 - 5) SSI
 - 6) Others

6) Taxation Registrations:

PAN number:

Type of GST Registration as per the Act (Normal Taxpayer, Composition, Casual Taxable Person, SEZ, etc.):

GSTIN number: in Consignor and Consignee States

Registered/ Certified Works/ Factory where the Goods would be mainly manufactured and Place of Consignor for GST Purpose:

Contact Names, Nos. & email IDs for GST matters (Please mention primary and secondary contacts):

- We solemnly declare that our GST rating on the GST portal/ Govt. official website is not negative/ blacklisted.

Documents to be submitted: Self-attested Copies of PAN card and GSTIN Registration.

7) Authorization of Person(s) signing the bid on behalf of the Bidder

Full Name: _____

Designation: _____

Signing as:

- A sole proprietorship firm. The person signing the bid is the sole proprietor/ constituted attorney of the sole proprietor,
- A partnership firm. The person signing the bid is duly authorised being a partner to do so, under the partnership agreement or the general power of attorney,
- A company. The person signing the bid is the constituted attorney by a resolution passed by the Board of Directors or in pursuance of the Authority conferred by Memorandum of Association.



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)

C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

Documents to be submitted: Registration Certificate/ Memorandum of Association/ Partnership Agreement/ Power of Attorney/ Board Resolution

8) Bidder's Authorized Representative Information

Name:

Address:

Telephone/ Mobile numbers:

Email Address:

(Signature with date)

.....

(Name and designation)

Duly authorized to sign bid for and on behalf of

[name & address of Bidder and seal of company]

DA: As above



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

ANNEXURE – G

(CERTIFICATE ON COMPANY LETTERHEAD)

CERTIFICATE BY BIDDER- DPIIT REGISTRATION

“I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that this bidder is not from such a country or, / if from such a country, has been registered with the Competent Authority (copy of the Registration Certificate enclosed) . I hereby certify that his bidder fulfils all requirements in this regard and is eligible to be considered.

S. No	Queries	Response
1	Whether the OEM of the model quoted for this tender is an entity incorporated, established or registered in a country sharing land border with India?	
2	Whether the OEM of the model quoted for this tender is a subsidiary of an entity incorporated, established or registered in a country sharing land border with India?	
3	Whether the OEM of the model quoted for this tender is an entity substantially controlled through entities incorporated, established or registered in such a country sharing land border with India?	
4	Whether the OEM of the model quoted for this tender is an entity whose beneficial owner is situated in a country sharing land border with India?	
5	Whether the OEM of the model quoted for this tender is an Indian (or other) agent of such an entity sharing land border with India ?	
6	Whether the owner of the OEM of the model quoted for this tender is a natural person who is a citizen of such a country sharing land border with India ?	
7	Whether the OEM of the model quoted for this tender is a consortium or joint venture where any member of the consortium or joint venture falls under any of the above condition	

Signature with Date and Stamp
Of the Bidder



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

ANNEXURE - H

DECLARATION REGARDING CLEAN TRACK/NO LEGAL ACTION

(to be provided on letter head of the firm)

I hereby certify that the above firm namely _____ is neither blacklisted by any Central/State Government/Public Undertaking/Institute nor any criminal case registered / pending against the firm or its owner / partners anywhere in India (or) against any of its branches (or) partners abroad.

I also certify that the above information is true and correct in any every respect and in any case at a later date it is found that any details provided above are incorrect, any contract given to the above firm may be summarily terminated and the firm blacklisted.

Date:

Authorized Signatory

Name:

Place:

Designation:

Contact No.:



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

ANNEXURE – I

ANNUAL MAINTENANCE CONTRACT

We hereby certify that the Annual Maintenance Contract for the equipment, after expiry of warranty period will be charged as follows :

For Comprehensive AMC

- 1) 1st year ___ % of the equipment value
- 2) 2nd year ___% of the equipment value
- 3) 3rd year ___% of the equipment value.

For Non - Comprehensive AMC

- 1) 1st year ___ % of the equipment value
- 2) 2nd year ___% of the equipment value
- 3) 3rd year ___% of the equipment value.

We also certify that the spares for the equipment will be available for the equipment for ___ years.

Date:

Authorized Signatory

Name:

Place:

Designation:

Contact No.:



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

ANNEXURE – J

NO RELATIONSHIP CERTIFICATE

(On Company Letter head)

1. I/We hereby certify that I/We* am/are* related/not related(*) to any employee of IISER Tirupati. (if related, please provide the details of the employee)
2. I/We* am/are* aware that, if the facts subsequently proved to be false, my/our* contract will be rescinded with forfeiture of E.M.D and security deposit and I/We* shall be liable to make good the loss or damage resulting from such cancellation.
3. I/We also note that, non-submission of this certificate will render my / our tender liable for rejection.

Date:

Authorized Signatory

Name:

Place:

Designation:

Contact No.:



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

ANNEXURE – K

UNDERTAKING FOR SUBMISSION OF PERFORMANCE BANK GUARANTEE

(On company Letter Head)

Date:.....

Tender No.:.....

We undertake to submit Performance Bank Guarantee (PBG) of 10%oftheordervalue in case IISER Tirupati decides to award the contract to us against tender no. dated for Supply, Installation, and Commissioning of __. The PBG will be valid for 90 days beyond the expiry of post-installation, a comprehensive maintenance/warranty period of five years for the proposed installation.

Thanking you,

Sincerely,

For M/s _____(Name of the bidder)

Signature & company

Seal

Name

Designation

Contact.



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

ANNEXURE – L

BID SECURING DECLARATION FORM

To,
The Director
Indian Institute of Science Education and Research Tirupati.
C/o Sree Rama Engineering College (Transit Campus),
Rami Reddy Nagar, Karakambadi Road,
Mangalam (P.O.) Tirupati -517507.
Andhra Pradesh, INDIA

Subject Bid Security Declaration

It has been certified that all information provided in the tender form is true and correct to the best of my knowledge and belief. No forged/tampered document(s) are produced with a tender form for gaining the unlawful advantage. We understand that IISER, Tirupati is authorized to make enquiry to establish the facts claimed and obtain confidential reports from clients.

In case it is established that any information provided by us is false/misleading or in the circumstances where it is found that we have made any wrong claims, we are liable for forfeiture of EMD/SD and or any penal action and other damages including withdrawal of all work/purchase orders being executed by us. Further IISER, Tirupati is also authorized to blacklist our firm/company/agency and debar us in participating in any tender/bid in future.

I / We assure the Institute that neither I / We nor any of my / our workers will do any act/s which are improper/illegal during the execution in case the tender is awarded to us.

Neither I / We nor anybody on my / our behalf will indulge in any corrupt activities/practices in my / our dealing with the Institute.

Our Firm/ Company/ Agency is not been blacklisted or banned by any Govt. Department, PSU, University, Autonomous Institute or Any other Govt. Organization.

I/We are accepting that if we withdraw or modify our bids during the period of validity etc., we will be suspended for the period of six months to participate in any tender issued by IISER Tirupati.

Date: Signature of the Tenderer

Place:

Stamp



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

Annexure-‘M’

Self-Certification regarding Local Content (LC) for Goods, Services or Works
(to be provided on Rs. 100/- Stamp Paper)

Date:

I _____ S/o, D/o, W/o _____, Resident of _____
do hereby solemnly affirm and declare as under:

That I will agree to abide by the terms and conditions of Indian Institute of Science Education and Research, Tirupati, Ministry of Education, Government of India issued vide Tender Enquiry No. dated

That the information furnished hereinafter is correct to best of my knowledge and belief and I undertake to produce relevant records before the procuring authority or any authority nominated by IISER Tirupati for the purpose of assessing the LC.

That the LC for all inputs which constitute the said Goods /Services/Works has been verified by me and I am responsible for the correctness of the claims made therein.

That in the event of the LC of the Goods/Services/Works mentioned herein is found to be incorrect and not meeting the prescribed LC norms, based on the assessment of an authority nominated by IISERT Tirupati and I will be liable as under clause 9(f) of Public Procurement (Preference to Make in India) Order 2017.

I agree to maintain all information regarding my claim for LC in the Company’s record for a period of 2 years and shall make this available for verification to any statutory authorities:

i. Name and details of the Local Supplier:

(Registered Office, Manufacturing unit location, nature of legal entity)

ii. Date on which this certificate is issued:

iii. Product for which the certificate is produced:

iv. Procuring agency to whom the certificate is furnished:

v. Percentage of LC claimed:

vi. Name and contact details of the unit of the manufacturer:



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

For and on behalf of _____ (Name of firm/entity)

Authorized signatory (To be duly authorized by the Board of Directors)

<Insert Name, Designation and Contact No.>



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

Annexure-'N'

PRE CONTRACT INTEGRITY PACT

(To be submitted as part of Technical bid)

Integrity Pact for Tender Document No. Tend No./ xxxx; Tender Title: GOODS

This Agreement (hereinafter called the Integrity Pact) is made on ____ day of the month of ____202__ at _____, India.

BETWEEN

IISER Tirupati for and on behalf of Director ,IISER Tirupati (hereinafter called the “The Principal”, which expression shall mean and include unless the context otherwise requires, his successors in office and assigns) of the First Part

AND

M/ s. _____ (hereinafter called the “The Bidder/ Contractor” which expression shall mean and include, unless the context otherwise requires, his successors and permitted assigns) of the Second Part.

PREAMBLE

‘The Principal’ intends to award, under laid down organizational procedures, contract/ s for _____, ‘The Principal’ values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/ transparency in its relations with its Bidder(s) and/ or Contractor(s).

In order to achieve these goals, the Principal shall appoint Independent External Monitors (IEMs) who shall monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

Section 1 - Commitments of the ‘The Principal’

1. The Principal’ commits itself to take all measures necessary to prevent corruption and to observe the following principles: -
 - a. No employee of the Principal, personally or through family members, shall in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

- b. The Principal shall, during the tender process, treat all Bidder(s) with equity and reason. The Principal shall in particular, before and during the tender process, provide to all Bidder(s) the same information and shall not provide to any Bidder(s) confidential/ additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.
- c. The Principal shall exclude from the process all known prejudiced persons.
- d. If the Principal obtains information on the conduct of any of its employees, which is a criminal offence under the IPC/ PC Act, or if there be a substantive suspicion in this regard, the Principal shall inform the Chief Vigilance Officer and, in addition, can initiate disciplinary actions.

Section 2 - Commitments of the 'Bidder/ Contractor'

1. The 'Bidder/ Contractor' commit themselves to take all measures necessary to prevent corruption. The 'Bidder/ Contractor' commit themselves to observe the following principles during participation in the tender process and during the contract execution.
 - a. The 'Bidder/ Contractor' shall not, directly or through any other person or firm, offer, promise, or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which he is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.

The BIDDER further undertakes that he has not given, offered or promised to give, directly or indirectly any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the BUYER or otherwise in procuring the Contract or forbearing to do or having done any act in relation to the obtaining or execution of the Contract or any other Contract with the BUYER for showing or forbearing to show favour or disfavour to any person in relation to the Contract or any other Contract with respect to the BUYER's Organization.

If the BIDDER or any employee of BIDDER or any person acting on behalf of BIDDER, either directly or indirectly, is a relative of any of the officers of the BUYER, or alternatively, if any relative of an officer of the BUYER has financial interest / stake in the BIDDERS firm, the same shall be disclosed by the BIDDER at the time of filling of tender. The term 'relative' for this purpose would be as defined in Section 6 of the Companies Act 1956.

- b. The 'Bidder/ Contractor' shall not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelisation in the tender process.

- c. The 'Bidder/ Contractor' shall not commit any offence under the relevant IPC/ PC Act; further, the 'Bidder/ Contractor' shall not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals, and business details, including information contained or transmitted electronically.
- d. The 'Bidder/ Contractor' of foreign origin shall disclose the name and address of the Agents/ representatives in India if any. Similarly, the Bidder/ Contractors of Indian Nationality shall furnish the name and address of the foreign principals, if any. Further details as mentioned in the "Guidelines on Indian Agents of Foreign Suppliers" shall be disclosed by the Bidder/ Contractor. Further, as mentioned in the Guidelines, all the payments made to the Indian agent/ representative have to be in Indian Rupees only. Copy of the "Guidelines on Indian Agents of Foreign Suppliers" is placed in Appendix to this agreement.
- e. The 'Bidder/ Contractor' shall, when presenting their bid, disclose any and all payments made, is committed to, or intends to make to agents, brokers, or any other intermediaries in connection with the award of the contract.
- f. Bidder/ Contractor who have signed the Integrity Pact shall not approach the Courts while representing the matter to IEMs and shall wait for their decision in the matter.

The 'Bidder/ Contractor' shall not instigate third persons to commit offences outlined above or be an accessory to such offences.

Section 3 - Disqualification from tender process and exclusion from future contracts

If the 'Bidder/ Contractor', before award or during execution, has committed a transgression through a violation of Section 2, above or in any other form such as to put their reliability or credibility in question, the Principal is entitled to disqualify the 'Bidder/ Contractor' from the tender process or take action as per the procedure mentioned in the "Guidelines on Banning of business dealings".

Section 4 - Compensation for Damages

- a. If the Principal has disqualified the 'Bidder/ Contractor' from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover from 'Bidder/ Contractor' the damages equivalent to Earnest Money Deposit/ Bid Security.



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

- b. If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to Section 3, the Principal shall be entitled to demand and recover from the contractor liquidated damages of the contract value or the amount equivalent to Performance Bank Guarantee.

Section 5 - Previous transgression

- a. Bidder declares that no previous transgressions occurred in the last three years with any other Company in any country conforming to the anti-corruption approach or with any Public Sector Enterprise in India that could justify his exclusion from the tender process.
- b. If Bidder makes an incorrect statement on this subject, he can be disqualified from the tender process, or action can be taken as per the procedure mentioned in “Guidelines on Banning of business dealings”.

Section 6 - Equal treatment of all Bidders/ Contractors/ Subcontractors

- a. In the case of Sub-contracting, the Principal Contractor shall take responsibility for the adoption of the Integrity Pact by the Sub-contractor.
- b. The Principal shall enter into agreements with identical conditions as this one with all Bidders and Contractors.
- c. The Principal shall disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

Section 7 - Criminal charges against violating Bidder(s)/ Contractor(s)/ Subcontractor(s)

- a. If the Principal obtains knowledge of the conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal shall inform the same to the Chief Vigilance Officer.



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

Section 8 - Independent External Monitor

- a. The Principal appoints a competent and credible Independent External Monitor for this Pact after approval by Central Vigilance Commission. The task of the Monitor is to review independently and objectively whether and to what extent the parties comply with the obligations under this agreement.
- b. The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. The Monitor would have access to all Contract documents whenever required. It shall be obligatory for him/ her to treat the information and documents of the Bidders/ Contractors as confidential. He/ she reports to the Head of the Procuring Organisation.
- c. The Bidder(s)/ Contractor(s) accepts that the Monitor has the right to access without restriction to all Project documentation of the Principal, including that provided by the contractor. The Contractor shall also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to their project documentation. The same is applicable to Sub-contractors.
- d. The Monitor is under contractual obligation to treat the information and documents of the Bidder/ Contractor(s)/ Sub-contractor(s) with confidentiality. The Monitor has also signed declarations on 'Non-Disclosure of Confidential Information and of 'Absence of Conflict of Interest'. In case of any conflict of interest arising at a later date, the IEM shall inform the Head of the Procuring Organisation and recuse himself/ herself from that case.
- e. The Principal shall provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the contractor. The parties offer the Monitor the option to participate in such meetings.
- f. As soon as the Monitor notices, or believes to have noticed, a violation of this agreement, he shall so inform the Management of the Principal and request the Management to discontinue or take corrective action or to take other relevant action. The monitor can, in this regard, submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action, or tolerate action.
- g. The Monitor shall submit a written report to the Head of the Procuring Organisation within 8 to 10 weeks from the date of reference or intimation to him by the Principal and, should the occasion arise, submit proposals for correcting problematic situations.



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

- h. If the Monitor has reported to the Head of the Procuring Organisation, a substantiated suspicion of an offence under relevant IPC/ PC Act, and Head of the Procuring Organisation has not, within the reasonable time, taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner. The word 'Monitor' would include both singular and plural.

Section 9 - Pact Duration

- a. This Pact begins when both parties have legally signed it. It expires for the contractor 12 months after the last payment under the contract and for all other Bidders 6 months after the contract has been awarded. Any violation of the same would entail disqualification of the bidders and exclusion from future business dealings.
- b. If any claim is made/ lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above unless it is discharged/ determined by the Head of the Procuring Organisation.

Section 10 - Other provisions

- a. This agreement is subject to Indian Law. The place of performance and jurisdiction is the Registered Office of the Principal, i.e., New Delhi.
- b. Changes and supplements, as well as termination notices, need to be made in writing. Side agreements have not been made.
- c. If the contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.
- d. Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties shall strive to come to an agreement with their original intentions.
- e. Issues like Warranty/ Guarantee etc. shall be outside the purview of IEMs.
- f. In the event of any contradiction between the Integrity Pact and its Appendix, the Clause in the Integrity Pact shall prevail.

For and on behalf of the Principal

(Name of the Officer and Designation)

(Office Seal)



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)

C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

For and on behalf of 'Bidder/ Contractor'

(Name of the Officer and Designation)

(Office Seal)

For and on behalf of the Principal

Place

Date

Witness 1:

(Name & Address)

Witness 2:

(Name & Address)



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

ANNEXURE - 0

ACCEPTANCE OF TENDER TERMS (To be given on Company Letter Head)

Date: DD/MM/YYYY

To,

The Director

Indian Institute of Science Education and Research Tirupati

Karakambadi Road, Mangalam, Tirupati, Andhra Pradesh – 517507 India

Sub: Un-conditional Acceptance of Terms & Conditions of the Tender.

Tender Reference No: _____

Name of Tender / Work: -

Dear Sir,

1. I/ We have downloaded / obtained the tender document(s) for the above mentioned 'Tender' from the web site(s) namely _____ as per your advertisement, given in the above mentioned website(s).

2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents (including all documents like annexure(s), schedule(s), etc .,), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.

3. The corrigendum(s) issued from time to time by your department/ organization too have also been taken into consideration, while submitting this acceptance letter.

4. I / We hereby unconditionally accept the tender conditions of above-mentioned tender document(s) / corrigendum(s) in its totality / entirety. 5. I / We certify that all information furnished by our Firm is true & correct and, in the event, that the information is found to be incorrect/untrue or found violated, then your department/organization shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)

C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

Yours Faithfully, (Signature of the Bidder, with Off



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति
INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI
(An Autonomous Institution of Ministry of Human Resource Development Govt. of India)



DETAILS OF THE ACCOUNT HOLDER

Name of the Account Holder A As per Bank records)	Indian Institute of Science education and Research Tirupati
Account Number of the above account	35029946671
Complete contact address	IISER Tirupati, Karakambadi Road, Mangalam (B.O.), Tirupati – 517507
Telephone No.	0877 - 2500400
Fax No.	0877 - 2500250
E-mail	director@iisertirupati.ac.in

BANK ACCOUNT DETAILS

Bank name (Full)	State Bank of India
Branch name	Korlagunta Branch, Tirupati
Complete Contact address	20-3-124, Penumadi towers, Leela mahal circle, Tirupati.
Telephone No.	0877-2251408
E-mail	sbi.01901@sbi.co.in
9-digit code No. of Bank & Branch	517002004
Account Number	35029946671
Account Type (SB/ CURRENT/CASH/CREDIT Etc)	CURRENT
IFSC code No. of the Bank	SBIN0001901

Certified that the Institute's account is on RTGS enabled branch.

I hereby declare that the particulars given above are correct and complete.

Date: 14 Dec 2017

Signature of the Competent Authority
of the Institute
भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति
Indian Institute of Science Education and Research Tirupati
Tirupati - 517507, भारत/India.

Certified that the particulars furnished above are correct and complete.

Date: 14/12/2017

For STATE BANK OF INDIA

Chief Manager, Korlagunta, Tirupati
Authorized Official with Bank seal.

Please attach a photocopy of cheque (if possible) along with the verification obtained from the bank.



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

CHECKLIST FOR BIDDERS

BIDDERS to indicate whether the following are enclosed/mentioned by striking out the non-relevant option.

Envelope-1(Technical-Bid)				
(Following documents to be provided as single PDF file)				
Sl. No.	Documents	Content	File Types	Document Attached
1	Technical Bid	PROOF OF TENDER FEE and EMD SUBMITTED	.PDF	(Yes /No)
2		ANNEXURE – A - FORMAT/QUESTIONNAIRE FOR COMPLIANCE OF TERMS	.PDF	(Yes /No)
3		ANNEXURE – B - FORMAT OF COMPLIANCE STATEMENT OF SPECIFICATIONS	.PDF	(Yes /No)
4		ANNEXURE – C - - BID SECURING DECLARATION FORM	.PDF	(Yes /No)
5		ANNEXURE – D- MANUFACTURER'S AUTHORIZATION FORM	.PDF	(Yes /No)
6		ANNEXURE – E – PREVIOUS SUPPLY ORDER LIST FORMAT	.PDF	(Yes /No)
7		ANNEXURE – F - BIDDER INFORMATION FORM	.PDF	(Yes /No)
8		ANNEXURE – G - CERTIFICATE BY BIDDER- DPIIT REGISTRATION	.PDF	(Yes /No)
9		ANNEXURE – H - BLACKLIST CERTIFICATE	.PDF	(Yes /No)
11		ANNEXURE – I – ANNUAL MAINTENANCE CONTRACT	.PDF	(Yes /No)
12		ANNEXURE – J - NO RELATIONSHIP CERTIFICATE	.PDF	(Yes /No)



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

13		ANNEXURE- 'K' UNDERTAKING FOR SUBMISSION OF PERFORMANCE BANK GUARANTEE	.PDF	(Yes /No)
14		ANNEXURE- 'L' BID SECURING DECLARATION FORM	.PDF	(Yes /No)
15		ANNEXURE- 'M' SELF-CERTIFICATION REGARDING LOCAL CONTENT (LC) FOR GOODS, SERVICES, OR WORKS	.PDF	(Yes /No)
16		ANNEXURE- 'N' ACCEPTANCE OF TENDER TERM	.PDF	(Yes /No)
17		ANNEXURE- 'O' PRE-CONTRACT INTEGRITY PACT	.PDF	(Yes /No)
18		A COPY OF THE UN-PRICED COMMERCIAL BID	.PDF	(Yes /No)
19		LIST OF DELIVERABLES AS PER CHAPTER- 4, ALONG WITH THE TECHNICAL BROCHURES AND COMMERCIAL TERMS AND CONDITIONS	.PDF	(Yes /No)
20		ALL OTHER DOCUMENTS AS PER CHAPTER 1 POINT NO - 4.1.	.PDF	(Yes /No)
Envelope-2 (Financial-Bid)				
Sl. No.	Documents	Content	File Types	Document Attached
1	Financial Bid	PRICE BID SHOULD BE SUBMITTED IN XLS (EXCEL) FORMAT AS PER BOQ IN CHAPTER 5	.XLS	(Yes /No)



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)

C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

IMPORTANT NOTICE

TENDERERS RESPONDING TO THIS ENQUIRY SHALL BE DEEMED TO BE AGREEABLE TO THE TERMS AND CONDITIONS HEREIN CONTAINED. THESE TERMS AND CONDITIONS SHALL BE BINDING ON THE SUCCESSFUL TENDERER. CONDITIONAL TENDERS ARE LIABLE TO BE REJECTED. IISER TIRUPATI WILL PROCESS THE TENDER AS PER IISER TIRUPATI STANDARD PROCEDURES. THE DIRECTOR OF THE INSTITUTE RESERVES THE RIGHT TO REJECT ANY OR ALL OR PART OF TENDER WITHOUT ASSIGNING ANY REASON AND SHALL ALSO NOT BE BOUND TO ACCEPT THE LOWEST TENDER. IISER TIRUPATI WOULD NOT BE UNDER ANY OBLIGATION TO GIVE ANY CLARIFICATIONS TO THE AGENCIES WHOSE BIDS ARE REJECTED.

I agree to all terms and conditions mentioned in the tender document of the Institute

Signature of the Tenderer