



**DOMESTIC TENDER ENQUIRY**

**Open Tender No: IISERT/PUR/0240/22**

**Date: 19/08/2022**

Indian Institute of Science Education and Research, Tirupati invites online bids (e-tender) in two bids systems, from OEM/ Authorized System Integrator Partner having Direct Purchase and Support Agreement with the OEM(s).

**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%

Brief Details of Tender:

Item Description	Qty
Establishing a Biosafety level -3 (BSL-3) laboratory facility at IISER Tirupati permanent campus	01 No

The Tender Document can be downloaded from Central Public Procurement (CPP) Portal <https://eprocure.gov.in/eprocure/app> or Institute website [www.iisertirupati.ac.in](http://www.iisertirupati.ac.in) 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	19/08/2022	16:00 Hrs.
2	Pre-Bid Meeting via Google Meet/Other Mode	26/08/2022	15:00 Hrs.
3	Bid Submission Start Date	30/08/2022	15:00 Hrs.
4	Bid Submission Close Date	21/09/2022	15:00 Hrs.
5	Opening of Technical Bids	22/09/2022	15:30 Hrs.

No manual bids will be accepted. All quotation (both Technical and Financial should be submitted in the E-procurement portal).

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.

Note: This is a domestic Tender according to the DPIIT Order dated 15/07/2017 and subsequent amendments to the order for Public Procurement Preference & PROVISION FOR LOCAL SUPPLIERS TOWARDS PREFERENCE TO MAKE IN INDIA. The bidder required to declare the percentage of Local content for the quoted instrument as per Annexure – I and submit with the Technical Bid. Bidder should also give details of the location(s) at which the local value addition is made.

### INDEX PAGE

Sr.	DESCRIPTION OF CONTENTS	PAGE NO
1	INSTRUCTIONS FOR ONLINE BID SUBMISSION	3
2	CHAPTER -1: INVITATION FOR TENDER OFFERS	6
3	CHAPTER -2: INSTRUCTIONS TO BIDDERS	13
4	CHAPTER -3: CONDITIONS OF CONTRACT	16
5	CHAPTER -4: SCHEDULE OF REQUIREMENTS, SPECIFICATIONS ALLIED TECHNICAL DETAILS	24
6	CHAPTER -5: PRICE SCHEDULE	41
7	ANNEXURE – A - FORMAT/QUESTIONNAIRE FOR COMPLIANCE OF TERMS AND CONDITIONS	42
8	ANNEXURE – B - FORMAT OF COMPLIANCE STATEMENT OF SPECIFICATIONS	49
9	ANNEXURE – C- MANUFACTURER’S AUTHORIZATION FORM	50
10	ANNEXURE – D- BID SECURING DECLARATION FORM	52
11	ANNEXURE – E – PREVIOUS SUPPLY ORDER LIST FORMAT	54
12	ANNEXURE – F - BIDDER INFORMATION FORM	55-57
13	ANNEXURE – G - BLACKLIST CERTIFICATE	58
14	ANNEXURE – H - CERTIFICATE BY BIDDER- DPIIT REGISTRATION	59
15	ANNEXURE – I - SELF-CERTIFICATION REGARDING LOCAL CONTENT (LC) FOR GOODS, SERVICES OR WORKS	60
16	ANNEXURE – J - NO RELATIONSHIP CERTIFICATE	61
17	ANNEXURE – K – ANNUAL MAINTENANCE CONTRACT	62
18	ANNEXURE – L- UNDERTAKING FOR SUBMISSION OF PERFORMANCE BANK GUARANTEE	63
19	ANNEXURE – M PRE-CONTRACT INTEGRITY PACT	64
20	ANNEXURE – N- ACCEPTANCE OF TENDER TERMS	71
21	CHECKLIST FOR BIDDERS	72-73
22	IMPORTANT NOTICE	74
23	DRAWING	75
24	IISER TIRUPATI BANK DETAILS	76



# भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

**INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI**

Transit campus: Sree Rama Engineering College Campus, Rami Reddy Nagar,

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

Website: <http://www.iisertirupati.ac.in/>

## **Instructions for Online Bid Submission:**

This tender document has been published on the Central Public Procurement Portal ([URL:https://eprocure.gov.in/eprocure/app](https://eprocure.gov.in/eprocure/app)) & Institute website [www.iisertirupati.ac.in](http://www.iisertirupati.ac.in) . The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

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

## **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.

## **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. These parameters could include Tender ID, organization name, location, date, value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization name, form of contract, location, date, other keywords etc. to search for a tender published on the CPP Portal.
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.

3. The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

### **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 formats. Bid documents may be scanned with 100 dpi with black and 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, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Space" area available to them to upload such documents. 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 site well in advance for bid submission so that he/she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
2. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
3. Financial Bids can be submitted in PDF format (As per Chapter 5).

Any additional components, which the bidder wants to quote and if it's not available in BoQ, can be quoted in the PDF format.

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

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 the 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**.

### **Chapter 1**

#### **INVITATION FOR Tender Offers**

Indian Institute of Science Education and Research (IISER), Tirupati invites e-Tender for Establishing a Biosafety level -3 (BSL-3) laboratory facility at IISER Tirupati permanent campus. The Bidders are requested to give detailed tender in two Bids i.e.

**a. Part - I: Technical Bid.**

**b. Part - II: Commercial Bid.**

2. IISER Tirupati will be conducting a Pre-bid conference through Google Meet on 26/08/2022 from 03:00 PM to 05:00 PM (IST). All prospective bidders are requested to kindly send their queries through email at [purchase@iisertirupati.ac.in](mailto:purchase@iisertirupati.ac.in) so as to reach the **latest by 25/08/2022**. 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. No queries will be entertained after the Pre-bid meeting. 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.

The Google Meet id will be personally sent via email to the vendors interested in attending the Pre-Bid conference upon their request. Vendors interested must send a request for access to the Pre-Bid conference at [purchase@iisertirupati.ac.in](mailto:purchase@iisertirupati.ac.in). Bidder attending Pre-Bid conference via Google Meet must ensure of active and uninterrupted high speed internet connection with a working microphone and camera from their end. In 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.

#### **TIME SCHEDULE**

<b>Sr. No</b>	<b>Particulars</b>	<b>Date</b>	<b>Time</b>
1	Date of Online Publication/Download of Tender	19/08/2022	16:00 Hrs.
2	Pre-Bid Meeting via Google Meet	26/08/2022	15:00 Hrs.
3	Bid Submission Start Date	30/08/2022	15:00 Hrs.
4	Bid Submission Close Date	21/09/2022	15:00 Hrs.
5	Opening of Technical Bids	22/09/2022	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 offer

#### **3. AVAILABILITY OF TENDER:**

The tender document can be downloaded from <http://eprocure.gov.in/eprocure/app> and be submitted only through the same website.

**Technical Bid:**

1. The online envelope clearly marked as "Technical Bid - Envelope No. 1" shall contain the all-scanned copies of originals documents in PDF Format.
  - a) Compliance statement/questionnaire of tender terms and conditions as per Annexure- 'A'.
  - b) Compliance statement of specifications as per Annexure- 'B'.
  - c) Manufacturer authorization as per Annexure - 'C'.
  - d) Bid Security Declaration as per Annexure- 'D'.
  - e) Previous Supply Order List Format as per Annexure - 'E'.
  - f) Bidder Information Form as per Annexure - 'F'.
  - g) Blacklist Certificate as per Annexure - 'G'.
  - h) Certificate By Bidder- DPIIT Registration Annexure - 'H'.
  - i) Self-declaration by the bidder as per that the items offered meet the local/non local content requirement in pursuance of public procurement preference to make in India, order 2017 (please tick appropriate option Annexure - 'I'.
  - j) No Relationship Certificate Annexure - 'J'.
  - k) Annual Maintenance Contract - ANNEXURE-K
  - l) Undertaking for Submission of Performance Bank Guarantee-ANNEXURE-L
  - m) Acceptance of Tender Terms Annexure- 'N'
  - n) Solvency certificates for Rs. 1,15,00,000.00 - (One Crore Fifteen Lakh) not older than twelve months) issued by Scheduled/Nationalized Bank with which BIDDER holds the current account.
  - o) Copy of GST No. and 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 DGS&D registration wherever it is applicable should also be provided in Technical Bid.
  - p) A Well-defined and described solution document in adherence to the technical specifications documented in this tender along with technical literature/ leaflets and complete specifications of the quoted model(s) along with commercial terms and conditions
  - q) In case of exemption from submission of Bid security, proof of registration with NSIC/MSME.
  - r) Details of supplies of similar Works, along with photocopies of previous Purchase orders and details of place of supply along with contact details.
  - s) Please quote the specific model number catalogue number with detailed description of the item quoted.
  - t) Also Attached the technical literature brochure of the quoted items.
  - u) Scanned copy of Tender Fee and it is required to submit the same in original in a sealed envelope at the following address (in case of vendor opts for manual tender fee



# भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

## INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

Transit campus: Sree Rama Engineering College Campus, Rami Reddy Nagar,  
Karakambadi Road, Mangalam (B.O), Tirupati - 517 507  
Website: <http://www.iisertirupati.ac.in/>

### 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](mailto:purchase@iisertirupati.ac.in) Ph:0877 2500 232/233/235

Website: <http://www.iisertirupati.ac.in/>

### **TENDER FEE and EMD:**

- a) **Tender Fee of Rs. 1,180/- (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 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. 5,60,000/- (Rs. Five Lakh Sixty Thousand only)** in the form of Bank guarantee 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.

### **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 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 Ministry of MSME/GOI. To avail exemption, it is mandatory to upload valid certificate.
- c) 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 unsuccessful bidders shall be refunded without any interest at the earliest after finalization of the purchase of concerned item.
- i. The Bank Guarantee is insisted due to steep fluctuations in foreign exchange hence the foreign DDs 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.
  - ii. 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.

- iii. The successful BIDDER, on award of contract / order, must send the contract / order acceptance in writing, within 15 days of award of contract / order failing which the EMD will be forfeited.
- iv. The EMD shall be forfeited: In case a successful BIDDER fails to furnish the Security Deposit.

4. The technical offer **should not contain any price information.**

**5. Technical Specifications:**

- i. 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.
- ii. 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.
- iii. 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.
- iv. 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.

**6. 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 may also 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 may not be considered.

**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 we are eligible for the same.
- 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. In case of foreign quote, the address of Principal's / Manufacturer's and their Banker's details should be furnished.

**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

7. 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. The bidder is not supposed to incorporate the amendment in the body of the tender document

**8. BID OPENING AND EVALUATION PROCESS**

- a. Technical Bids will be opened on 22-09-2022 at 03:30 PM.
- b. Financial Bids of the eligible bidders will be opened on a later date. The date and time for opening of Financial Bids will be announced later.
- c. Bids would be summarily rejected, if tender is submitted other than through online or **original tender fee is not submitted within stipulated date / time**. IISER Tirupati shall not be responsible for any postal delay, Tender Fee before Tender closing date.

**9. Terms of the Technical Committee**

- i. On the due date the technical bids will be opened and referred to the Technical Committee which is duly constituted by the Director, IISER Tirupati. 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 this 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 IISER, Tirupati or from other Institutes and also call for technical presentations from the BIDDERS if it is required so.
- v. The information received and the bids already submitted together will be examined with reference to the tendered specifications and evaluation is made by the Technical Committee.
- vi. After the technical evaluation is completed and approved, IISER, Tirupati shall inform to the BIDDERS whose bids have been rejected technically with the reasons for rejection on e-Procurement Portal (<https://eprocure.gov.in/eprocure/app>).
- vii. The successful BIDDERS will be informed regarding the date and time of Commercial bid opening.
- viii. 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.
- ix. The purpose of obtaining two bids (technical and commercial) is to evaluate all the firms on technical basis with reference to the tendered specifications, performance of similar Solutions/Applications elsewhere, obtaining users views with reference to the earlier supplies. This will enable the technical committee to arrive at a fair recommendation in the interest of the organization.
- x. 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.

#### **10. 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 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.

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

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

12. 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).

13. **Unloading: In Case of Equipment unloading at IISER Tirupati will be under supplier scope**

**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/Indian Agent. In case of bid by authorized dealer/distributor/Indian Agent, the manufacturer authorization should be attached with the technical bid as per **Annexure-‘C’**.

**One Indian Agent can participate in a tender on behalf of one manufacturer only. No offer will be entertained if the same Indian 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. In case a bidder is not doing business within India, it 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. 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.
- d. The bidder should not indulge in any corrupt, fraudulent, collusive, coercive practices during the entire process of procurement and execution of contract/order. 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 e-Procurement portal (<https://eprocure.gov.in/eprocure/app>) or on IISER TIRUPATI website.
- e. Conditional tenders will be summarily rejected.
- f. The Authorization Certificate from the OEM on their letter head must be given clearly authorizing the bidder as their representative for this tender. The details of the tender like the tender number, date and name of the Institute must be clearly mentioned by the OEM in its authorization letter given for submission to the bidder. Failure to submission of this document (or) improper/incomplete/any generic (or) vague documents shall lead to rejection of the bid

**2. Delivery Period / Timeliness:**

The turn key project must be completely installed validated and commissioned **within 120 days** after placement of purchase order. The time 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’s plans of completing the project within the time frame.

3. **Security Deposit:**

- a. Within ten (10) days of the award of contract, the vendor shall furnish a Security Deposit amounting to 3% of the purchase order value in the form of Demand Draft/Bank Guarantee (**from scheduled Bank only**) favoring the Director, Indian Institute of Science Education and Research, Tirupati.
- b. The IISER will forfeit the 3% security deposit if vendor fails to execute the order as per the Purchase Order. This Security Deposit will be refunded to the vendor only on successful installation of the EQUIPMENT / SYSTEM.
- c. The Security Deposit should be valid for a period of warranty period as we plan to extend the same as Performance Bank Guarantee.
- d. **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 fulfillment of contractual obligations i.e. supply, installation, commissioning, warranty, maintenance/replacement of spares accessories etc. 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.

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.

7. **IISER Tirupati Right to vary Quantities at the time of Award:**

- a. The 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 the 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 IISER, 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. While submitting your bid, you may confirm this condition.

**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 indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution;
  - 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, noncompetitive 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, **Director, IISER, TIRUPATI's interpretation of the clauses shall be final and binding on all parties.**

**CHAPTER - 3 : CONDITIONS OF CONTRAC**

**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 SEPERATELY ALONG WITH THE CONSOLIDATED PRICES APPLICABLE FOR BOTH INDIGENOUS AND IMPORTED ITEMS (if any).

**2. For Goods manufactured in India:**

- (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 equipment's 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 WILL BE PROVIDED BY IISER TIRUPATI.**
- (vii) The goods must be disinfected properly before dispatching.
- (viii) A representative of the successful bidder must be available during the delivery at the Institute & must disinfectant the boxes before delivering again. In case the travel time from dispatch to reach IISER more than 48 hours.
- (ix) Any financial implication leading to any change deviation from the bid submitted shall be borne by the bidder, of accepting by the Institute.

**3. Agency Commission & Services:**

- 3.1. The Indian Agency commission payable in Indian currency only after the receipt of consignment in good condition at our Stores and satisfactory installation and commissioning of the ordered equipment.
- 3.2. Details of services rendered by you as well as after-sales services offered by you are to be made clear in the tender.

**4. Performance Bank Guarantee:**

The 3% Security Deposit which is mentioned above may be extended as Performance Bank Guarantee for a period of warranty period.



5. **Performance Benchmarks:**

The technical evaluation committee needs to be provided with an evaluation system to carry out performance benchmarks.

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. In other words, 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 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:**

- i. BIDDER shall be responsible for installation / demonstration wherever applicable and for after sales service during the warranty and thereafter.
- ii. 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.
- iii. 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 by you to adhere to minimum down time.
- iv. Sufficient technical manpower and housekeeping manpower must be arranged by the bidder at the time of installation and unloading of the equipment/goods.

8. **INSPECTION:**

- i. The inspection of the system will be done by our technical expert /Scientist in the presence of firm's representative.
- ii. 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, 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, our Scientist/Technical persons 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 Five years of on-site 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. Latest software upgrades should be provided free of cost for 3 years. 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 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. The turnaround time for resolving of any issue in case of indigenous bidders 15 days and in case of import is 30 days from the date of intimation from institute via e-mail any delay in resolving the issue will lead to forfeiture of their PBG. The delay in resolving the issue beyond the stipulated period mentioned above shall lead to extension of warranty period.
- e) The BIDDER shall assure the supply of spare parts even the completion of after warranty period 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 Andhra Pradesh manned by the principal vendor's technical support engineers. The support through this Centre must be available 24 hours in a day, seven days a week and 365 days a year. Also it should be possible to contact the Principal's/Head office support Centre on a toll free number/web/mail.
- g) An undertaking from the manufacturer is required in this regard stating that they would facilitate the BIDDER on regular basis with technology / product updates &

extend support for the warranty as well is to be submitted also mentioning the life of the equipment as mentioned in point (iv) alone.

- h) The vendor will have to arrange for all the testing equipment & tools required for installation, testing & maintenance etc.
- i) It is desirable that the vendor may have a local logistics support by maintaining a local spares depot in the state. This is to ensure immediate delivery of spares parts in case of any malfunction of the equipment.
- j) Details of onsite warranty, agency who shall maintain during warranty and undertake Annual Maintenance Contract/Comprehensive Service Maintenance 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.

11. **Reasonability of Prices:**

- i) The prices quoted must be the prices applicable for a premiere Educational and Research Institute in national importance, as applicable to educational research institutes must be given.
- ii) The bidder must give details of identical or similar equipment, if any, supplied to any Centrally Funded Technical Institutes CFTI's/IISERS/ CSIR lab/Education Research Institute during last three years along with the final price paid and Performance certificate from them.

12. **Annual Maintenance Contract:**

12.1. The party 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.

- a. No sub-contracting will be allowed for installation or maintaining system/ equipment / instrument during or after warranty period.

13. **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 him.

14. **Freight & Insurance:**

14.1. Indigenous : The equipment's 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 Rupee transaction.

15. **Payment:**

- a. 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.
- b. 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.
- c. No advance payments are allowed under any circumstances

16. **Penalty for delayed Services / LD:**

- 16.1. As time is the essence of the contract, Delivery period mentioned in the Purchase Order should be strictly adhered to. Failing which the Institute will forfeit PBG/SD and also LD clause will be applicable /enforced.
- 16.2. 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.
- 16.3. IISER, TIRUPATI reserves the right to cancel the order in case the delay is more than 10 weeks. Penalties, if any, will be deducted from the Security Deposit.

17. **Jurisdiction:**

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

18. **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

19. **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.

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

This Institute is following and abide 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 subsequent amendments to the order. Accordingly, preference will be given to the Make in India products while evaluating the bids, subject to technically qualifying & meeting the Institute's technical requirements. 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 and the quality as mentioned in the tender in the technical bid itself.

- a) IISER Tirupati shall compare all substantially responsive bids to determine the lowest valuated bid. This Institute is following and abide 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%

**(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.

**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 STQC

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.**

**21. Requirement of registration:**

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
  - 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



# भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

**INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI**

Transit campus: Sree Rama Engineering College Campus, Rami Reddy Nagar,

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

Website: <http://www.iisertirupati.ac.in/>

shall be liable for rejection. Bidders are also requested to submit the Model Certificates for this tender as mentioned in the Ministry of Finance OM No. 6/18/2019-PPD dated 23rd July 2020.

## 23. Arbitration

All disputes of any kind arising out of supply, commissioning, acceptance, warranty maintenance etc. shall be referred by either party (IISER, TIRUPATI or the bidder) after issuance of 30 days' notice in writing to the other party clearly mentioning the nature of dispute to a single arbitrator acceptable to both the parties. The venue for arbitration shall be IISER, TIRUPATI India. The jurisdiction of the courts shall be Tirupati, Andhra Pradesh, India.

## 24. 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. 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:

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.

The venue of the arbitration shall be the place from where the purchase order or contract is issued.

**Deputy Registrar (A&P)**

#### **CHAPTER 4 TECHNICAL SPECIFICATIONS**

##### **SCHEDULE OF REQUIREMENTS, SPECIFICATIONS & ALLIED TECHNICAL DETAILS**

##### **“Establishing a Biosafety level -3 (BSL-3) laboratory facility at IISER Tirupati permanent campus”**

The BSL-3 laboratory will be established on a TURNKEY basis inside the available space on the ground floor of the main academic building at IISER Tirupati permanent campus with approximate 2300 SFT area and maintained from the plant room located on the ground floor adjacent to the academic building.

The BSL-3 laboratory along with the indoor climate conditions should be compatible with WHO and RCGM, Govt. of India recommendations including Design, Engineering, Supply, Installation, Commissioning, Testing and 3<sup>rd</sup> party Validation.

Designing of the BSL-3 facility with best utilization of space suitable for the specific location and area shall be in the scope of the contract. The designing with necessary man and material flow plan shall be in coordination with users and material movement planning according to the BSL-3 laboratory guidelines.

Additional Electrical and Mechanical Plant room space will be made available at the basement and in an adjacent room (10 meters) from the facility.

The laboratory will be set up to undertake research work on *Mycobacterium tuberculosis* and infectious respiratory viruses simultaneously. The design should include the following clean rooms compatible for the specific work: 1) In vitro Bacteriology, 2) Infection cell culture, 3) Virus biology and infection 4) Instrumentation and 5) Wash, sterilization and decontamination.

The entire laboratory will be equipped with a dedicated once through HVAC system with arrangement for 100% redundancy stand by, other accessories including DX air chilling/condensing units supply, fully auto control system, 3 stage filtration system to ensure supply of treated and filtered fresh air flow into the specified area confirming to class-100,000. 100% exhaust air system with necessary air filtration and burning units from the lab area will be installed.

Necessary arrangement should be made for dedicated exhaust air from the IVC ventilators, provision for one set of the IVC system.

Suitable system for extraction of discharged air from the Bio Safety cabinets (5 units), provisions shall be provided accordingly with necessary GI ducting with thermal insulation.

Chiller with multiple compressors operating in tandem to TFA refrigerant piping including manifold and insulation, necessary BMS system automation and control system for maintaining BSL-3 lab internal environment, Electricals & controls, complete in all respect to maintain the desired temperature, humidity and required negative pressure cascade.



**Climate parameters:**

100% fresh air and WITHOUT any recirculation and inward airflow (negative pressure)

Inside Temperature: 24 +/- 2 C

RH: 60% +/-5 %

ACPH: Min. 40 ACPH

Cleanliness as class 100,000 should be maintained inside the facility

Min. 400 LUX level at reading height

**Scope of work:**

Construction of lab internal clean room with compatible double skin PUF in-filled 80mm thick modular wall system with necessary factory fabricated cut outs for electrical and HVAC installations, fabrication and installation of double skin walkable modular 80 mm thick ceiling system and repairing it as per site requirement including supply/installation of all applicable materials and necessary labors related for specified area & route (route for BSL-3 lab interior installation of system) of the lab.

Separate CO<sub>2</sub> cylinder storing space barricaded outside the facility along with SS distribution piping & manifold shall be provided for supply gas to CO<sub>2</sub> incubator and BSC cabinets.

CCTV shall be provided inside the BSL-3 lab facilities and that shall be interconnected with BMS/automation system monitor to be placed in a control room.

Most appropriate and best quality dedicated silent DG set should be installed near the plant room and suitably connected for supplying electrical load of the plant room and the BLS-3 lab during power outage.

During the switch over from main power to DG set, power to the entire facility should be provided from an UPS and battery of strength 40 KVA.

Any other work related to uninterrupted working of the BSL- 3 lab facility should be treated as a part of scope of the bidder. The entire lab shall be validated in coordination with authorized members of IISER Tirupati as per the RCGM, Govt. of India guidelines and necessary documentation and validation report duly stamped and signed by the authorized scientist of IISER Tirupati and contractor as well should be submitted at the time of completion and handing over.

**24x7 Operation and Comprehensive Maintenance for 48 months after validation and handover:**

Operation and Comprehensive Maintenance of the BSL-3 lab facility including providing skilled operator cum technicians (round the clock) as per the requirement to run the facility without any breakdown.

Periodical Operation and Maintenance test report duly signed by authorized user scientist of IISER Tirupati should be submitted in a pre-approved format at the end of every third month. Yearly facility validation should be conducted by the contractor in coordination with user scientists and shared with RCGM, Govt. of India.

*On-site Operation & Comprehensive Maintenance activities includes:*

High side comprising of Chiller, Compressors, with all accessories.

Low side comprising of AHUs, EXUs, Air distribution system (ducting with insulation), Air control devices like VCD, Registers, Grilles, Louvers, Terminals with filters, coils, heaters etc.

Refrigerant/Water distribution system comprising of CHW piping system including control devices, flow balancing and insulation.

Total Electrical System comprising of MCC and connected components, cabling with all associates and Protection devices

Building management system including controllers, field devices and sensors checking and monitoring including calibration, replacement if needed.

Operation & comprehensive maintenance of complete Security System including access control and door interlock arrangement, Fire and CCTV.

Observations & readings to be recorded for reporting.

Periodic Lab Fumigation & Performance qualification/validation in coordination with IISER Tirupati scientist.

**BSL-3 facility controlled area:**

The proposed BSL-3 lab shall consist of Buffer/Airlock, Change room-1, Change Room-2, BSL-3 laboratory rooms [ 1) *In vitro Bacteriology*, 2) *Infection cell culture*, 3) *Virus biology and infection* 4) *Instrumentation and* 5) *Wash, Sterilization and decontamination room*] with set of entry/exit airlock, integrated Building Management System (IBMS) room for controlling- monitoring and preparation area, procedure area.

The following pressure gradient condition shall be maintained in various areas of the laboratory.

- 1) Virology room: Operating pressure: adjustable between - 40 Pa to -70Pa
- 2) TB Bacteriology, Infection cell culture, instrumentation Rooms: Operating pressure: - 35 Pa.
- 3) Corridor: Operating pressure: - 25 Pa

- 4) Change room and return change room 2 : Operating pressure : - 15
- 5) Preparation and Change room 1: Operating pressure : - 5 Pa.
- 6) Entry Buffer Air lock room : Operating pressure : +5 Pa.

**Lab Uncontrolled Area:**

Non-controlled area includes washroom, mechanical rooms for utilities only. Utility system including piping manifold. CO<sub>2</sub> Cylinder banks housing outside the new facility.

Utility connections including, SS piping and manifold for CO<sub>2</sub> incubator Bio-safety Cabinets etc. should be in the scope of the turnkey contractor.

**Major Project Components to be considered while designing the facility:**

Supply, installation, testing and commissioning of 100% Once Through Treated Fresh Air (TFA) units with 3-stage filtration system, tubular heater, motor blower, wiring etc. complete in all respect. DX type TFA system, Dedicated suitable Exhaust Air System installed and connected air distribution system through GI outside/inside ducting up-to the lab area complete in all respect with all materials and labors including dismantling and construction / repairing of structural installations.

Supply, Installation, Testing and commissioning of air-cooled condensing units / Chiller unit as required for the new TFA-AHU cooling coil system complete with all necessary valves and auto controls as required.

SA Duct Mounted heater section fitted with Tubular Air Heating Elements filled with best quality MGO Powder, Stainless Steel-304. Sheathed with GI Finns. Terminal Box in GI dust-proof construction, 14 SWG GI enclosure complete with Primary and Secondary step control system in 4 sequences to be configured according to 4 sensors to be installed in LAB in different locations. Corresponding mapping to be arranged for sequential ON/OFF command to trigger the respective heating element for effective control of RH as per stated parameter.

Main Electrical & Process MCC with UPS LT Panel with bus bar and sub-modules for HVAC control system, Electrical, Mechanical and process utility supply. Panels shall have aluminium bus bar and required and necessary tripping arrangement. Free floor/wall mounted, indoor type, front operated, Top/Bottom cable entry. Panels made out of powder coated 2 mm sheet steel, PVC color-coded. With Humidity control system.

Necessary Incoming power cabling with support cable tray to be installed considering the available best possible cable routing from power source area up to electro-mechanical plant room.

Dedicated MCC panels to be designed for RAW, UPS & Process power supply with necessary protection for supporting entire BSL-3 lab use.

Field communication control cabling network to be done between Pressure / TEMP / RH sensors and controllers and finally with power distribution boards / MCC. All field devices/instruments shall be located in close vicinity of the working staff enabling them to check and operate accordingly.

Field mounted sensors will be installed and mapped for working in sequence with operating parameters of the BSL-3 lab. Control panel box with step operation module be proposed in a suitable locked room.

All power/control socket pores installed inside BSL-3 LAB shall be blocked at FC level for arresting un-controlled air infiltration / ex-filtration event.

Tubular heating section to be installed at the SA AHU/Duct in specific location inside technical plant room space only for easy check and operation-maintenance.

Temp sensors to be installed and be guided by control system, which will be installed in coordination with solenoid valve in PLC panel of the existing condensing units to work in sequence to the command received from input status of lab climatic parameters.

New systems to be installed in all air flow control devices mainly VCDs and should be throttled in different stages according to flow balancing with as required with reference to required negative air flow pattern in main BSL-3 labs only.

Magnahelic gauges are proposed for installation at entry door top of the critical BSL-3 labs (4 labs) to check status of airflow before entering the lab space.

Provision kept for 100% standby drive arrangement designed inside the TFA/EAU itself.

SITC of Automation and BMS system and integrated Operator Terminal to view the DATA (Negative Pressure, Temp & RH) through device, complete with administrator locking parameter. Automatic Temperature and Humidity control arrangement.

Fire detection system and CCTV surveillance network should be available in the BSL 3 lab facility.

VFD arrangement to ensure desired constant airflow supply/ACPH to lab area.

Differential Temperature & Pressure sensors with field monitoring devices.

Visual check device near TFA itself for maintaining healthy condition of filters.

Testing and commissioning of system in co-ordination with authorized IISER Tirupati members.

3<sup>rd</sup> Party Validation of specified laboratory room's ambiance with documentation.

### **Specifications for components:**

#### **Interior walls and ceiling panels:**

Wall Panel System should be self-supported; double skin sand-witch type GSS/CRCA powder coated metallic Wall panels of 0.6 mm thickness on both sides with 80 mm min. thickness PUF in-filled with min. 40+/-2 Kg/m<sup>3</sup> density insulation. Complete with in-built (25mm / 32mm diameter) conduit including service panel, aluminium / GI floor track system, factory fitted cutouts for necessary Doors, Windows, hatch openings for lab or process equipment, power/communication sockets etc.

Ceiling System- Walkable double skin Panel of 80 mm thick, sandwich type GSS/CRCA Powder coated Metallic ceiling panels of 0.6 mm thickness on both sides, 80 mm thick PUF in-filled with 40+/-2 Kg/m<sup>3</sup> density insulation. Complete with extruded aluminium powder coated supports and hanging arrangement, with aluminium profiles that create uniform seams. The Partition seams must be sealed by RTV silicone with a perfectly flush finishing. PUF insulation material is sandwiched between the two skin layers and sealed from the exterior by the GI framework including all cut-outs factory fitted, for Air terminals/Diffusers and lighting, Pass Box etc.

#### **Radius coving (wall-to-wall, and wall-to-ceiling, from inside to outside corner):**

Smooth radius aluminium Powder Coated / PVC coving should be installed at all wall-to-wall and wall-to-ceiling joints. All seams should be carefully sealed with RTV sealant. Corners at floor-coved from PVC floor sheet to the wall.

#### **Door and windows:**

Double skin PUF insulated Clean Room compatible doors should be designed to fit flush into the 100 mm thick wall panel system on both sides and are supplied in different dimensions as per drawing. Doors are to be fabricated from CRCA duly powder coated sheet. Shutter has sheet thickness of 0.8mm and the frame of 1.2 mm. Standard 50 mm panel has frame width of 50 mm and shutter width of 46 mm. Sizes as per the requirement stated here. The following accessories are a part of the door: SS ironmongery, DORMA make Model TS 68 door closers, SS 304 D type handles of 300 mm size on one side and Push plate fixed with D/A tape on other side, SS-304 butt hinges, side seal & Automatic drop seal and other accessories. Sizes mentioned herein are total sizes including the door frame.

Emergency exit and the main door shall have bottom sill as well (all doors directly opening to atmosphere should be air leak proof type with cam arrangement and to be tested with soap-solution during validation and testing). All doors opening to outside area should be 100%

leak-proof type with factory fitted powder coated metallic wall frame. All windows should be double glass (toughened type) min. 6 mm thick. Should be flush with wall panel.

**Flooring:**

The floor should be made of 2.5 mm sheet of EPOXY material after application of skid framing and self-leveling compound to achieve smooth and even floor surface, non-skidding, abrasion resistant and chemical resistant with 40mm wall to floor sand-cement fabricated coving. Floor to wall coving to be provided for easy cleaning. Flooring material should be installed after making floor surface clean and dirt free and no un-even surface should be allowed during and after installation.

**Air cooled condensing Units:**

Supply, installation, testing and commissioning of Air cooled condensing unit / Air cooled water chilling units of nominal capacity in TR as required for maintaining the desired Temperature and Humidity inside the BSL-3 lab facility area, comprising of multiple scroll compressors with air cooled condenser unit, inbuilt/fitted control panel with all other accessories as per original manufacturer. These compressors shall be operating with R407 refrigerant gas. Complete with necessary copper piping and insulation with fittings. The Refrigeration piping with insulation from Aircooled condensing unit to Air Handling Unit with all accessories, supports, Expansion Valve, Solenoid valve, pressure/leak testing and refrigerant gas top-up or charging complete in all respect.

**Air Handling System:**

ONCE THROUGH TYPE - Modular double skin Treated Fresh air handling unit fabricated from aluminium extruded section from structure. The panel shall be 43±2mm thick having PUF in-fill in between two skins, inner skin in 24G GI plain and outer skin in 24G GI pre-coated construction. The twin blower and motor assembly shall be on a common base frame and shall be mounted on vibration isolators within the blower section. Fan discharge ducting shall be isolated from TFA casing by a fire retardant type flexible connection. Inspection doors shall be provided in blower section (as per requirement). All section shall be mounted on a common skid. TFA shall be complete with: Air Handling Units shall be Modular Double skin of 43±2mm thick PUF injected panels with 24 gauge GI inner skin and pre-coated GI as outer skin.

The centrifugal DIDW / PLUG Type fan with twin TEFC motor.

TFA shall have Supply air/Return air aluminium VCD.

The Pre filter section with EU-3 filters (50mm deep), Fine Filter section (EU-9) and (EU-13) HEPA filters mounted on common frame.30

The DX type cooling Coil section with distributors and 8 Row deep DX coil (Copper tubing with aluminium fins) with SS drain tray duly insulated or CHW Coil for Air Cooled Water Chilling units including necessary CHW Piping arrangement with control and regulatory Valves, Strainers etc.

The blower fan section with twin DIDW centrifugal / PLUG type fan having static pressure of 150 mm/wg, dynamically balanced, drive package with belts & pulleys, twin TEFC motor to

drive the fan, Fan outlet shall be provided with fire retardant canvas connection and aluminium volume control damper, all internal wiring and supports, connector, switch etc as per requirement.

**Exhaust System :**

EXHAUST AIR UNIT - Modular Double skin Exhaust Air Handling Units of 25+/-2 mm thick PUF injected panels with 24 gauge GI inner skin and pre-coated GI outer skin all as per specification including centrifugal DIDW / Plug type fan with TEFC motor. Exhaust Unit shall have aluminium Exhaust air VCD, Micro Filter section (EU-9), HEPA filter section (EU-13), static pressure of 120 mm/Wg - With TWIN MOTOR. Fan section shall be after HEPA & Micro filter banks. Ducted suitable Burning Units shall be designed at the outlet of the exhaust air before discharging to environment.

**Air Circulation and filtration System:** The supply air is transported to the laboratory area through the SA/RA Plenum mounted Register with VCD into the biological laboratory. Return air from laboratory areas is taken back through Return air registers with suitable VCD and control devices. This supply and return air ducting shall be routed through outer space of the building and above false ceiling, the ducting should be duly insulated with Aluminium foil faced Armaflex – Grade O bio protect (19 mm insulation).

Supply and Exhaust air ducting shall be constructed from PVC/FRP Circular sections / GI sheet as per IS 277 and shall be constructed as per IS 655. All duct supports shall be of MS construction duly painted with primer.

All supply/return air ducting shall be sealed with RTV silicon sealant.

All supply and return air ducting shall be insulated with Armaflex duly factory fitted aluminium foil faced of Armaflex – Grade O bio protect (19 mm insulation).

**Electrical Panel:**

Power Distribution Panel (MCC) Stand-alone type. CPRI Approved 400 Amp & IP-55. As per approved specification and drawings. With Special protection arrangement for Rain water leakage. The Main Electrical LT Panel shall have bus bar for HVAC, Power System and laboratory Equipment. Panels shall have suitable aluminium bus bar, Incomer MCCB and required outgoing MCB breakers, starters, connector, contactors, meter, selector switch, CT & PT and necessary tripping arrangement etc. Free floor mounted, outdoor type, front operated, Top/Bottom cable entry. Panels shall be made out of powder coated 2 mm sheet steel, PVC colour coded bus bar. With VFD enclosure along with ventilation fan. Suitable for TFAs, EXUs, Condensing unit, PDB / LDB, & IBMS control system. Main incoming power shall be 1.1 KV grade PVC/ XLPE insulated aluminium/ copper conductor armoured/ Unarmoured cables on cable tray (as given in schedule of work) and flexible cable through MS conduit on cable tray. Main Electrical control panel MCC shall be provided for TFAs, EXUs, control system and all equipment supplied under this scope of work. The electrical panels are to be placed at Technical area near installation site of TFA. Necessary Earthing strip / wire shall be provided.

**Automation and Security System:**

Building Management System should be envisaged to configure, monitor and control the HVAC System, Life Safety System (LSS) which consists of Surveillance System (CCTV), Fire Address System for BSL-3 lab area and Access Control System. Modification and up-gradation of Building Management System envisaged to monitor and control of HVAC System. Room temperature shall be controlled through BACK Talk Programmable Logic Controller - VLC supported by BACK Talk View port operator Terminal. DDC panel Enclosure for automatic control arrangement. RH shall be controlled by tubular type electrical heater mounted inside TFA/SA duct. The same heater shall be used for winter heating. Room differential pressure shall be maintained by VFD, supported by Air-Velocity sensors installed inside SA and EA main duct, this will ensure constant calculated air flow inside the BSL 3 lab facility.

**CCTV surveillance system** complete with 4 CH, 2.4 Megapixel Dome Camera with night vision, 500 GB HDD, BNC and DC Connector.

**Fire address and alarm system** with suitable sets of FIRE & SMOKE sensors in BSL-3 lab facility comprising of standalone 4 Zone CPRI approved Fire Panel and Sound & Light Buzzer.

**Water supply and drainage:**

Treated water connection should be connected to Wash/Autoclave room. Insect resistant SS drain trap should be installed in washing area and should be connected to central drainage pipeline network. Suitable waste water decontamination arrangement including KILL TANK, should be provided at the outlet of the water being released from the BSL-3 lab facility.

**Utility piping:**

Separate provision should be made for CO<sub>2</sub>, N<sub>2</sub> and O<sub>2</sub> gas for Incubators/ Bio Safety Cabinets etc. All utility piping shall be fitted with backflow prevention device/Non-return valve and manifold.

**Communication:**

Telephone and internet receptacles should be installed in BSL 3 labs and Control room area.

**Routine laboratory testing schedule**

BSL 3 laboratory rooms shall be tested for the following parameters. All tests shall be carried out in coordination and presence of nominated IISER-TIRUPATI, executive and 3<sup>rd</sup>, party invigilator.

1. Particle count for Biological laboratory cleanliness (class-100,000)
2. HEPA filter installation integrity leak test (DOP)
3. Differential Pressure check and Lab differential pressure cascade video clips
4. Room Temperature 24±1°C
5. Room Humidity 60±5%



6. ACPH as per actual flow rate
7. Room Illumination test
8. Process Instruments in scope validation and certification by 3<sup>rd</sup> party.

### Technical Specifications of Laboratory Instruments included in the scope of the tender.

Five units of Bio Safety Cabinet, Type-II, B2, (100% exhaust) 4 feet/1.2 m with stand and all other accessories. Microprocessor controlled Airstream with single piece SS interior finish.

Two number Semi-automatic wall mounted rectangular steam jacket type Autoclave of capacity 430 ltrs. Made of SS with double door radial locking system. Along with bio-seal arrangement and in-built steam generator.

Three number of static pass box: SS Static Pass Box of size 600 x 600 opening space 450 x 450 complete with PLC, UV Lamp with hour meter and double door interlocking arrangement with specified time delay mechanism.

One IVC set for housing 32 no mice cages in SS construction and suitable Ventilator arrangement with exhaust flexible pipe and clamping system.

200 kVA, Silent DG set comprising of engine coupled to suitable make (ISI) alternator of 200 kVA, 415 Volt AC – 3 Phase, 0.8 PF (Lag). Both mounted on a common base frame with Necessary statutory authority inspection and approval. DG comprising of:- Manual Control Panel, Silencer, Fuel tank, In-built AVM pads, DG set in Acoustic housing, First fill of fuel, Batteries with leads, Suitable AMF panel with single main incomer.

### List of makes for the major equipment's:

S	ITEM DESCRIPTION	MANUFACTURER / SUPPLIER
1	Motor	ABB/Siemens/Crompton/GEC/Equiv.
2	Double skin Air handling units	ZECO /Flaktwoods/Citizen/
3	Condensing Unit	Voltas/Blue Star/Hitachi/ Equivalent
4	Centrifugal Fan	Kruger/Nicotra/Comefri
5	Air filters (Pre, Micro & HEPA)	AAF/Thermadyne/ Dyna
6	VFD	ABB/Dahfoss
7	Fire Damper (Fusible-link type)	Caryaire/system air/Continental/Wq
8	GI ducting sheet-Lock forming	SAIL/TATA/Bhusan
9	Closed Cell Nitrile Rubber Insulation Aluminium faced – Class “O”	Armacell/Armaflex/Paramount or
10	Extruded aluminium Grill/Diffuser/	Caryaire/System air/Continental/ or
11	MCCB	Siemens/Schneider/L&T/GE/ABB
12	High pressure In-line Exhaust air Fan	GEC/Alstom/CGL/Humidine

13	BMS & Automation	Honeywell/Alarton/Delta
14	Field Sensors	Honeywell/Alarton/Delta
15	MCC Panel	Tricolite/Khokar/Trident/PTC
16	Power Cable	Polycab/CCE/Finolex/Skytone/KEI
17	Control Cable	Polycab/Finolex/Kalinga/KEI
18	Push Button STN	Siemens/Schneider/ABB
19	Electric Tubular Heater	DASS-PASS/KEPL/Rapid cool
20	Supply Air Terminal Perforated baffle	Fabtech / GMP
21	Interior clean room component	Fabtech / GMP / Clean Tech/Iclean
22	Antistatic PVC flooring	Wonderfloor/ DECO/ Turkit/xxxxxxx
23	Clean room "0"leak CFL light fixture	Wipro/PTC/Havells
24	Air filters	Thermadyne/ Dyna/ AAF/ Spectrum
25	Bio Safety Cabinet-Type II/B-2	ESCO / Thermo/ Epperdorf
26	Autoclave (>425 Ltr)	Natsteel / PSM
27	Static Pass Box – SS (600x600)	Fabtech/GMP/Iclean
28	IVC – 32 cages	Citizen /Techniplast/Orchid
29	Animal Change Station	Citizen/Orchid/ Techniplast
30	SS lab work bench-750x1250	Citizen/Labguard or equivalent
31	CCTV Surveillance system with DVR	CPPLUS / Hikvision/Honeywell
32	Fire address system & Extinguisher	Agni / Fire Pro / Ravel /Honeywell or
33	250 KVA silent DG with canopy& AMF	Kirloskar / Greaves
34	40 KVA UPS	Emerson/Numeric/Relio
35	Clean room compatible Doors and	Fabtech/Cleanroom system or Equivalent
36	Battery	Amaron/Exide

**Each of the above carries 50 marks for quality. A minimum total of 1600 out of 1800 marks are required for qualification.**

### Primary schedule of Materials:

Sl. No	Description	Unit	Qty
1	Structural work as required for establishing the NEW BSL 3 lab facility as per approved drawing. Suitable RCC foundation and structural shed for housing DG set. Construction of suitable structural foundations for new HVAC, Mechanical and Electrical components for new facility.	Set	1
2	Air cooled Condensing Unit complete with multiple compressors and accessories and FDN		
2.1	Refrigerant Copper Piping system including necessary control devices, modulating valves & fittings including thermal Insulation	Set	1

2.2	<p><b>Air Handling Units</b> Modular Outdoor type Double skin TFA Air Handling Units of 43+/-2 mm thick PUF injected panels with 24 gauge GI inner skin and pre-coated GI outer skin all as per specification including fan with TEFC motor. AHU shall have Air intake louver combined with pre filter (EU-3), Fine Filter section (EU-9), coil section with CHW 8 Row coil, blower section with DIDW centrifugal fan having static pressure of 140 mm/Wg - With TWIN MOTOR.</p> <p>AHU - 1 : Once Thru AHU with supply air quantity as required at 150 mm WG Static pressure (TWIN MOTOR)</p>	Set	2
3	<p><b>Exhaust Air Filtration System</b> Modular Double skin Exhaust air EAU , with 25+/-2 mm thick PUF injected panels with 24 gauge GI inner skin and pre-coated GI outer skin all as per specification including fan with TEFC motor. EXU shall have extruded aluminium construction, gear operated volume control damper at Air Inlet and outlet, with Microvee filter (EU-9), HEPA (EU-13) filter section flange type with HEPA filters, Cap=7500 CFM, With TWIN MOTOR ARRGT</p> <p>LAF / BSC Exhaust air On-line Centrifugal SISW/Plug Fan cap. As required static pressure with direct driven motor and vibration isolation mounting suitable for Bio Safety Cabinets of size 4 Ft. Class-II/B-2.</p> <p>SITC of required 300 mm Dia Circular UPVC / FRP exhaust air ducting system</p>	Set	2
4.0	<p><b>Air Distribution System</b> GI Ducting complete with MS painted flanges, all joints sealed with RTD silicon sealant with MS painted supports as per IS-266 with Zinc deposition 120gms/sqm. Complete with double deflection ceiling mounted diffusers, Class "O" thermal insulation, suitable fire damper and necessary air volume control dampers and electrical heating element as required for site.</p> <p>GSS-22 and GSS-24 Swg ducting including accessories and Support arrangement. Aluminium Gear Operated volume control dampers for AHU, ducting and exhaust fans. Duct insulation with 19 mm thick aluminium foil faced ARMAFLEX and all joints shall be provided with 2" aluminium tape.</p>	Lot	1
5.0	<p><b>Electricals</b></p>		

5.1	<ol style="list-style-type: none"> <li>1. MCC Panel – Main-250 Amps. Electrical Panel, IP-55, comprising of - MCCB, DOL Starter, Digital Volt meters, indication lamps and VFD enclosure with ventilation fan and protection MCCB.</li> <li>2. MCC Panel – Main-250 Amps. Electrical Panel, IP-55 comprising of Process Electrical Panel, IP-55, MCCB, DOL Starter, Digital Volt meters, indication lamps and required MCCB etc.</li> <li>3. MCC Panel - UPS Panel, IP-55, comprising of - MCCB, DOL Starter, Digital Volt meters, indication lamps Change over arrangement etc.</li> </ol>	Set	3
5.2	Electrical Power and Control Cabling 1.1 KV grade PVC/ XLPE insulated aluminium/ copper conductor armoured/ Unarmoured cables on cable tray. (Copper / Aluminium armoured / Flexible cables), control cables (copper), (for plug points and Power Sockets) Power cabling from Main MCC to BSL-3 lab distribution system and HVAC equipment termination to be considered. Including dedicated earthing arrangement for power and BMS system. Cable tray and necessary dressing included.	Lot	1
5.3	Variable Frequency Drive (VFD) ACS 550 with IP 55 protection and enclosure with exhaust air ventilation fan in-built	Set	8
5.4	Supplying all the fitting materials, cutting, peeling, terminating and connecting cable with cable gland and crimped aluminium lugs in respective Feeders and Equipments including any accessories necessary for turnkey completion of the project.	Set	1
6	Power sockets & Lighting arrangement		
6.1	Cleanroom Light fixtures: BSL lab compatible, 'O' leak, fitted with 5 mm Thick Toughened Glass, 2 x 36 watts CFL top opening type with electronic ballast with; Housing : CRCA powder coated frame-less. Lens: To provide Toughened glass with 3 M adhesive tape (to be fixed inside the opening provided in 60 mm ceiling) Reflector : Preanodized imported aluminium ballast : Philips electronic with pf>0.98 & THD < 10 %	Set	1
6.2	8 & 4 Module Box with inner plate and SS outer plate, suitable for 1 no 5/15 amp. Socket + 2/4 Nos. 5/15 amp. Switch (for power socket and light). Complete with Lighting DB/ Power DB with MCBs / MCCBs	Set	1
7	BSL-3 lab interior & clean room		
7.1	Double skin clean room Wall Cladding, Wall Partition Panel system 80 mm thick, PUF infilled powder coated GI sheet, as per specification complete with concealed conduits for power socket, data, telephone points and necessary cut-outs for double gazed view panels and doors.	Lot	1
7.2	Double skin powder coated GI sheet, PUF in-filled, Walkable Clean room Ceiling system 80 mm thick, including necessary utility cut-outs duly concealed, as per specification.	Lot	1

7.3	3 mm sheet of EPOXY Flooring with application of self-leveling compound to achieve smooth and even floor surface, non-skidding, abrasion resistant and chemical resistant with Flooring surface should be clean and dirt free and NO un-even surface should be allowed during and after installation.	Lot	1
7.4	R-45mm wall to floor sand-cement fabricated coving. Wall to ceiling and Wall to wall coving with Extruded aluminium powder coated (R=42) clutch-coving with silicon finish	Lot	1
8	Clean room compatible Doors		
8.1	Clean room compatible Double Leaf Doors 1500 (W) x 2100mm (H) as per specification with door closure, SS-'D' handle, Push plate and kick plate along with 480x750 double glazing view pane & Drop-seal	Lot	1
8.2	Clean room compatible Single Leaf Doors 1000 (W) x 2100mm (H) as per specification with door closure, SS-'D' handle, push plate and kick plate along with 480x750 double glazing view pane & Drop-seal	Lot	1
9	EMERGENCY 800 (W) x 2100mm (H) as per specification with SS-'D' handle, PANIC-BAR along with 480x750 double glazing view pane & Drop-seal	Lot	1
10	Double glazing windows with 6 mm thick toughened glass fitted (1200x1000), as per approved drawings.	Lot	1
11	SS Static Pass Box of size 600 x 600 opening space 450 x 450 complete with PLC, UV Lamp with hour meter and double door interlocking arrangement with specified time delay mechanism	Set	3
12	BMS Automation & Access control system	Set	1
12.1	Programmable Logic Controller, View port operator terminal	Set	1
12.2	DDC panel enclosure powder coated wall type with transformer, MCB & terminal block	Set	1
12.3	Duct mounted air velocity sensor	Set	1
12.4	Exhaust duct temperature sensors	Set	1
13	Access control & 2 - Door Interlock system with Electromagnetic Strike lock unit + Egress Button and 10 no. Access Proximity cards	Set	1
14	FIRE Control Address System & Communication cabling with termination.	Set	1
15	CCTV surveillance system with night vision movement detection auto-start IP based Cameras	Set	1
16	SITC of 40 KVA online UPS with 0.5 hours back-up	Set	1
17	SITC of ABC type Fire suppression devices of 3 & 6 Kg capacity	Set	3
18	Room communication port/socket with RJ 11 & RJ 45 and 2 core CAT 5 cabling for communication from BSL-3 lab	Set	2
19	NSF Approved Bio-safety cabinet (BSC-4 Ft.) of Type-II, B-2, Exhaust including necessary Exhaust system	No	5

20	Wall mounted double door sliding type Autoclave capacity >425 ltrs with inbuilt steam sterilizer and PLC controlled	Set	2
21	32 Cage IVC system for mice	Set	1
22	Animal Change Station	Set	1
23	Work Bench Table with Granite top – 750 x 1750	Set	1
24	200 KVA Silent DG complete with canopy and AMF Panel	Set	1
25	Validation, Testing and Documentation of BSL-3 lab facility	Lot	1
26	Operation Manual (SOP)	Set	1
27	On-Site Comprehensive operation and maintenance of the duly validated BSL-3 lab facility for next 48 months after successful completion and handing over of the facility.  Operation & maintenance of the newly validated BSL-3 facility including providing skilled operator cum technicians (round the clock) for operation and maintenance of BSL-3 facilities as per the site requirement to run the facility without any breakdown.	Job	1

### Terms and conditions

1. Prequalification criteria:

- a. The company should have successfully completed independently at least ONE similar work costing not less than 25% of estimated value. [The similar works means set-up /upgradation /conversion /revamping of uncontaminated BSL-3 laboratory] in any Central Govt./State Govt. /PSU /Autonomous Bodies /Reputed laboratory institutes and other Govt. Department etc. during last four years. This may be inspected (at the risk and cost of participating company) by the competent authority of IISER-TIRUPATI, if required.

Tenders shall be submitted with all supporting documents i.e satisfactory Completion certificate with schedule of work/Bill of Quantity.

The firm should have in-house personnel with experience in setting up and maintaining experience of minimum three BSL-3 facilities in INDIA on turnkey basis in the last 3 years.

The firm should have proven track record of successful operation and maintenance services of minimum three BSL-3 lab facilities in last 3 years.

Certificate of satisfaction is required from at least three institutions on original letterhead. (Please DO NOT submit any information pertaining to either Clean Room or BSL-2 facility)

The vendor should have qualified technical service personnel for the equipment based in India.

The lead time for the delivery of the equipment should not be more than 6 months from the date of receipt of our purchase order.

If the goods are found to be defective, they have to be replaced or rectified at the cost of the supplier within 15 days from the date of receipt of written communication from us.

If there is any delay in replacement or rectification, the warranty period should be correspondingly extended.

b. A proof to the effect must be furnished.

c. The company will not sublet or subcontract the work (if awarded to them) and if done so; the penalty shall be payable by him to IISER-TIRUPATI as may be decided by the Institute.

Copy of all documents of pre-qualification criteria and as asked for in the tender may please be attached with the Technical Bid ONLY.

#### **Criteria for evaluation of the technical BID**

1. All offers should be in Two parts viz., Technical and Price Bids separately. The proposal should include details of the technical design and bill of quantities (BOQ) to be addressed as per the actual requirement to complete operational BSL-3 lab facility as and whatever items are required considering this as a TURNKEY contract and IISER-TIRUPATI shall NOT be held responsible for rejecting any request after the award of the contract for any additional fund allocation that may be required for making the lab fully operational as per the user's suitability.
2. The interested vendor is requested to visit the site of the proposed BSL3 facility at IISER Tirupati. The visit to IISER Tirupati can be coordinated by emailing [purchase@iisertieupati.ac.in](mailto:purchase@iisertieupati.ac.in) the potential date and time the of visit. The prospective vendor will bear all the costs associated with the visit to IISER Tirupati Main Campus.
3. Only selected participating contractors will be called for a short presentation. The presentation should include a brief introduction, proposed facility layout, plan for project execution, timeline and new suggestions that might include a better alternate layout plan for a better utilization of the limited space considering the limited time frame.

The details submitted by the bidders will be evaluated in the following manner:

- a. Experience in similar nature of work during the last five years (20 marks)
- b. Performance on works completed on time and quality (20 marks)
- c. Experience of Personnel and understanding on establishment of BSL-3 lab (40 marks)

- d. Presentation of the best design (20 marks)

**To become eligible for short listing for opening of the price bid the bidder must secure at least fifty percent marks in each and sixty percent marks in aggregate. This is in addition to securing minimum of 1600 out of 1800 marks with regards to the list of equipment's (mentioned above).**

The institute, however, reserves the right to restrict the list of such qualified contractors to any number deemed suitable by it. Even though any bidder may satisfy the above requirements, he/she would be liable to disqualification if he/she has:

- a. Made misleading or false representation or deliberately withheld information in the forms, statements and enclosures required in the eligibility criteria document
- b. In case company is unable to provide satisfactory competency proof of understanding and knowledge of criticality of such facilities during technical presentation, the decision of competent authority of IISER-Tirupati, for opening of price bids will be final and binding without any prejudice.
- c. Record of poor performance such as abandoning work, not properly completing the contract, or financial failures/ weaknesses etc.

**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. Only material from the Approved Make List as per the technical specifications will be permitted. Any deviations from the Approved Make List will result in technical disqualification from the Tender.
6. The interested vendor is requested to visit the site of the proposed BSL3 facility at IISER Tirupati, The visit to IISER Tirupati can be coordinated by emailing [purchase@iisertirupati.ac.in](mailto:purchase@iisertirupati.ac.in) the potential date and time of visit. The prospective vendor will bear all the costs associated with the visit to IISER Tirupati Main Campus.





# भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

## INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

Transit campus: Sree Rama Engineering College Campus, Rami Reddy Nagar, Karakambadi Road, Mangalam (B.O), Tirupati  
- 517 507

Website: <http://www.iisertirupati.ac.in/>

### CHAPTER 5 PRICE SCHEDULE

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

Name of the Bidder \_\_\_\_\_

Tender No. \_\_\_\_\_

Sr. No	Item Description	Place of Manufacture in India	Qty	Unit	Unit Price	GST %	GST Amount	Total Amount Without taxes	Total Amount With taxes
01									
02									

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. (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

Transit campus: Sree Rama Engineering College Campus, Rami Reddy Nagar, Karakambadi Road, Mangalam (B.O), Tirupati  
- 517 507

Website: <http://www.iisertirupati.ac.in/>

**Annexure-'A'**

### FORMAT/QUESTIONNAIR FOR COMPLIANCE OF TERMS AND CONDITIONS

Tender No.: \_\_\_\_\_

Due Date \_\_\_\_\_

**NOTE:**

1. Quotation will not be considered without submission of this format.
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).

SNo	Terms & condition of Tender document	Whether acceptable (say 'Yes' or 'No' (preferably use different colour ink for 'No')	Deviation from tender terms, if any, with reasons for noncompliance or alternative condition quoted for
1	2	3	4
1	a.) Whether quotation is direct from Principal supplier/manufacturer or their own office in India (Please specify)		
	b) Whether quotation is being submitted by Indian Agent/authorized distributor/ dealer		



# भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

**INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI**

Transit campus: Sree Rama Engineering College Campus, Rami Reddy Nagar, Karakambadi Road, Mangalam (B.O), Tirupati  
- 517 507

Website: <http://www.iisertirupati.ac.in/>

<b>SNo</b>	<b>Terms &amp; condition of Tender document</b>	<b>Whether acceptable (say 'Yes' or 'No' (preferably use different colour ink for 'No')</b>	<b>Deviation from tender terms, if any, with reasons for noncompliance or alternative condition quoted for</b>
	c) Whether the agent is registered with NSIC/MSME		
2	Whether techno-commercial Bid contains, technical literature/leaflets, detailed specifications & commercial terms & conditions etc. as applicable.		
3	a) Whether the required Scanned copy of Tender Fee is being submitted with the quotation		
	b) Please specify the form of whether in the form of DD/NEFT		



# भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

**INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI**

Transit campus: Sree Rama Engineering College Campus, Rami Reddy Nagar, Karakambadi Road, Mangalam (B.O), Tirupati  
- 517 507

Website: <http://www.iisertirupati.ac.in/>

SNo	Terms & condition of Tender document	Whether acceptable (say 'Yes' or 'No' (preferably use different colour ink for 'No')	Deviation from tender terms, if any, with reasons for noncompliance or alternative condition quoted for
	C)Whether specific amounts or percentage of expenses like packing, forwarding, handling, freight, insurance, documentation etc. have been mentioned in quotation separately in clear terms.		
5	a) Whether prevailing rates of sales tax, excise duty & other govt. levies (for indigenous supplies) have been given in quotation		
6	Have you mentioned the validity period of the quotation as per our requirements		
7	a) Whether the Price reasonability Certificate is submitted with quotation		
	b) Whether copies of last three supply orders of the same item from other customers have been attached with the quotation		
8	Whether rates/amount of AMC after the warranty period is over has been mentioned		



# भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

## INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

Transit campus: Sree Rama Engineering College Campus, Rami Reddy Nagar, Karakambadi Road, Mangalam (B.O), Tirupati  
- 517 507

Website: <http://www.iisertirupati.ac.in/>

SNo	Terms & condition of Tender document	Whether acceptable (say 'Yes' or 'No' (preferably use different colour ink for 'No')	Deviation from tender terms, if any, with reasons for noncompliance or alternative condition quoted for
9	Have you gone through the specification Clause & complied with the same		
10	Whether the Make/Brand, Model number and name of manufacturer has been mentioned in the quotation and Printed technical literature/ leaflets of quoted items have been submitted		
11	Whether compliance statement of specifications has been attached with the quotation.		
12	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		



# भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

**INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI**

Transit campus: Sree Rama Engineering College Campus, Rami Reddy Nagar, Karakambadi Road, Mangalam (B.O), Tirupati  
- 517 507

Website: <http://www.iisertirupati.ac.in/>

SNo	Terms & condition of Tender document	Whether acceptable (say 'Yes' or 'No' (preferably use different colour ink for 'No')	Deviation from tender terms, if any, with reasons for noncompliance or alternative condition quoted for
13	Do you agree to the submission of Performance Bank Guarantee and have you mentioned in your quotation about this.		
14	Do you agree with the payment terms for indigenous supplies?		No deviation permitted
15	Do you agree about the date of commencement of warranty period & its extension is necessary.		
16	a) Who will install/commission and demonstrate the equipment <b>at IISER Tirupati, permanent campus FREE OF COST.</b>		
	b) Will you be able to do it within a month		
17	Have you mentioned the guarantee/warranty period in your quotation and do you agree with guarantee clause?		
18	Spare parts		



# भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

**INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI**

Transit campus: Sree Rama Engineering College Campus, Rami Reddy Nagar, Karakambadi Road, Mangalam (B.O), Tirupati  
- 517 507

Website: <http://www.iisertirupati.ac.in/>

<b>SNo</b>	<b>Terms &amp; condition of Tender document</b>	<b>Whether acceptable (say 'Yes' or 'No' (preferably use different colour ink for 'No')</b>	<b>Deviation from tender terms, if any, with reasons for noncompliance or alternative condition quoted for</b>
<b>19</b>	After Sales service		
<b>20</b>	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?		
<b>21</b>	Whether list of specific user's for the same item & model as quoted along-with performance certificates from the users is submitted with offer		
<b>22</b>	Whether you agree to the penalty clause for late delivery & installation?		



# भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

**INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI**

Transit campus: Sree Rama Engineering College Campus, Rami Reddy Nagar, Karakambadi Road, Mangalam (B.O), Tirupati  
- 517 507

Website: <http://www.iisertirupati.ac.in/>

SNo	Terms & condition of Tender document	Whether acceptable (say 'Yes' or 'No' (preferably use different colour ink for 'No'))	Deviation from tender terms, if any, with reasons for noncompliance or alternative condition quoted for
23	Whether training to our scientist/technical person <b>will be given free of cost</b> . If yes, have you specified in quotation whether it will be in our lab? Or at supplier's site in India or abroad.		
24	a) Whether all the pages have been page numbered?		
	b) Whether quotation has been signed and designation & name of signatory mentioned.		
25	Whether documentary evidence of bidders as given in Eligibility Criteria submitted		





**ANNEXURE - B**

**FORMAT OF COMPLIANCE STATEMENT OF SPECIFICATIONS**

1	2	3	4	5	6
S. N.	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"	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 points 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



**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**

Transit campus: Sree Rama Engineering College Campus, Rami Reddy Nagar,  
Karakambadi Road, Mangalam (B.O), Tirupati - 517 507

Website: <http://www.iisertirupati.ac.in/>

- 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]



**Bid Securing Declaration Form**

(on Company Letter-head)

Bidder's Name \_\_\_\_\_  
[Address and Contact Details]

Bidder's Reference No. \_\_\_\_\_ Date.....

To  
The Director,  
IISER Tirupati.

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

Sir/ Madam

We, the undersigned, solemnly declare that:

We understand that according to the conditions of this Tender Document, the bid must be supported by a Bid Securing Declaration in lieu of Bid Security.

We unconditionally accept the conditions of this Bid Securing Declaration. We understand that we shall stand automatically suspended from being eligible for bidding in any tender in Procuring Organisation for 2 years from the date of opening of this bid if we breach our obligation(s) under the tender conditions if we:

- 1) withdraw/ amend/ impair/ derogate, in any respect, from our bid, within the bid validity; or
- 2) being notified within the bid validity of the acceptance of our bid by the Procuring Entity:
  - (a) refused to or failed to produce the original documents for scrutiny or the required Performance Security within the stipulated time under the conditions of the Tender Document.
  - (b) Fail or refuse to sign the contract.

We know that this bid-Securing Declaration shall expire if the contract is not awarded to us, upon:

- 1) receipt by us of your notification
  - (a) of cancellation of the entire tender process or rejection of all bids or
  - (b) of the name of the successful bidder or
- 2) forty-five days after the expiration of the bid validity or any extension to it.

(Signature with date)

.....

(Name and designation)



## भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

**INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI**

Transit campus: Sree Rama Engineering College Campus, Rami Reddy Nagar,  
Karakambadi Road, Mangalam (B.O), Tirupati - 517 507

Website: <http://www.iisertirupati.ac.in/>

Duly authorized to sign bid for and on behalf of.....

[name & address of Bidder and seal of company]

Dated on ..... day of ..... [insert date of signing]

Place.....[insert place of signing]

DA:.....

(Note: In case of a Joint Venture, the Bid Securing Declaration must be in the name of all partners to the Joint Venture that submits the bid)



# भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

## INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

Transit campus: Sree Rama Engineering College Campus, Rami Reddy Nagar, Karakambadi Road, Mangalam (B.O), Tirupati  
- 517 507

Website: <http://www.iisertirupati.ac.in/>

**Annexure-'E'**

### PREVIOUS SUPPLY ORDERS FORMAT

Name of the Firm \_\_\_\_\_

Order placed by {Full address of Purchaser}	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?	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

Transit campus: Sree Rama Engineering College Campus, Rami Reddy Nagar,  
Karakambadi Road, Mangalam (B.O), Tirupati - 517 507  
Website: <http://www.iisertirupati.ac.in/>

**Annexure-'F'**

### **BIDDER INFORMATION FORM**

Company Name : **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)*

#### **1) 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

Transit campus: Sree Rama Engineering College Campus, Rami Reddy Nagar,  
Karakambadi Road, Mangalam (B.O), Tirupati - 517 507  
Website: <http://www.iisertirupati.ac.in/>

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

### 2) 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.*

### 3) 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,





## भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

### INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

Transit campus: Sree Rama Engineering College Campus, Rami Reddy Nagar,  
Karakambadi Road, Mangalam (B.O), Tirupati - 517 507

Website: <http://www.iisertirupati.ac.in/>

- 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.

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

#### 4) 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

Transit campus: Sree Rama Engineering College Campus, Rami Reddy Nagar,  
Karakambadi Road, Mangalam (B.O), Tirupati - 517 507  
Website: <http://www.iisertirupati.ac.in/>

**Annexure-'G'**

### **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

Place:

Name:

Designation:

Contact No.:



# भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

## INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

Transit campus: Sree Rama Engineering College Campus, Rami Reddy Nagar,  
Karakambadi Road, Mangalam (B.O), Tirupati - 517 507  
Website: <http://www.iisertirupati.ac.in/>

**Annexure-'H'**

### 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 county, has been registered with the Competent Authority (copy of the Registration Certificate enclosed) .

I hereby certify that this bidder fulfils all requirements in this regard and is eligible to be considered for this tender no. \_\_\_\_\_ dated \_\_\_\_\_ listed by IISER Tirupati.

Signature with Date and Stamp

Of the Bidder



# भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

## INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

Transit campus: Sree Rama Engineering College Campus, Rami Reddy Nagar,  
Karakambadi Road, Mangalam (B.O), Tirupati - 517 507  
Website: <http://www.iisertirupati.ac.in/>

### Annexure-'I'

#### **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:

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

Transit campus: Sree Rama Engineering College Campus, Rami Reddy Nagar,  
Karakambadi Road, Mangalam (B.O), Tirupati - 517 507  
Website: <http://www.iisertirupati.ac.in/>

**Annexure-'J'**

### **NO RELATIONSHIP CERTIFICATE**

(On Company Letterhead)

1. I/We hereby certify that I/We\* am/are\* related/not related (\*) to any officer of IISER Tirupati. (If Related 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 security deposit and I/We\* shall be liable to make goods 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:

Place:

Authorized Signatory

Name:

Designation:

Contact No.:



# भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

## INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

Transit campus: Sree Rama Engineering College Campus, Rami Reddy Nagar,  
Karakambadi Road, Mangalam (B.O), Tirupati - 517 507  
Website: <http://www.iisertirupati.ac.in/>

**ANNEXURE-'K'**

### 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) 1<sup>st</sup> year \_\_\_ % of the equipment value
- 2) 2<sup>nd</sup> year \_\_\_% of the equipment value
- 3) 3<sup>rd</sup> year \_\_\_% of the equipment value.

#### For Non - Comprehensive AMC

- 1) 1<sup>st</sup> year \_\_\_ % of the equipment value
- 2) 2<sup>nd</sup> year \_\_\_% of the equipment value
- 3) 3<sup>rd</sup> year \_\_\_% of the equipment value.

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

Date:

Place:

Authorized Signatory

Name:

Designation:

Contact No.:



# भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

## INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

Transit campus: Sree Rama Engineering College Campus, Rami Reddy Nagar,  
Karakambadi Road, Mangalam (B.O), Tirupati - 517 507

Website: <http://www.iisertirupati.ac.in/>

**ANNEXURE-'L'**

### UNDERTAKING FOR SUBMISSION OF PERFORMANCE BANK GUARANTEE

(On company Letter Head)

Date:.....

Tender No.:.....

We undertake to submit Performance Bank Guarantee (PBG) of 3% of the order value in case IISER Tirupati decides to award the contract to us against tender no. .... dated ..... for Supply, Installation and Commissioning of Fixed-Bed reactor. The PBG will be valid for 60 days beyond the expiry of post installation, 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**

Transit campus: Sree Rama Engineering College Campus, Rami Reddy Nagar,  
Karakambadi Road, Mangalam (B.O), Tirupati - 517 507  
Website: <http://www.iisertirupati.ac.in/>

**Annexure-'M'**

## 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.
  - 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,





# भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

## INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

Transit campus: Sree Rama Engineering College Campus, Rami Reddy Nagar,  
Karakambadi Road, Mangalam (B.O), Tirupati - 517 507  
Website: <http://www.iisertirupati.ac.in/>

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 on 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 prices, specifications, certifications, subsidiary contracts, submission or non-



# भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

## INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

Transit campus: Sree Rama Engineering College Campus, Rami Reddy Nagar,  
Karakambadi Road, Mangalam (B.O), Tirupati - 517 507  
Website: <http://www.iisertirupati.ac.in/>

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

Transit campus: Sree Rama Engineering College Campus, Rami Reddy Nagar,  
Karakambadi Road, Mangalam (B.O), Tirupati - 517 507  
Website: <http://www.iisertirupati.ac.in/>

- 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.

#### **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.



## भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

### INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

Transit campus: Sree Rama Engineering College Campus, Rami Reddy Nagar,  
Karakambadi Road, Mangalam (B.O), Tirupati - 517 507

Website: <http://www.iisertirupati.ac.in/>

- 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.
- 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



# भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

## INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

Transit campus: Sree Rama Engineering College Campus, Rami Reddy Nagar,  
Karakambadi Road, Mangalam (B.O), Tirupati - 517 507

Website: <http://www.iisertirupati.ac.in/>

transmit this information directly to the Central Vigilance Commissioner. The word 'Monitor' would include both singular and plural.

### Section 9 - Pact Duration

- 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.
- 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

- This agreement is subject to Indian Law. The place of performance and jurisdiction is the Registered Office of the Principal, i.e., New Delhi.
- Changes and supplements, as well as termination notices, need to be made in writing. Side agreements have not been made.
- If the contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.
- 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.
- Issues like Warranty/ Guarantee etc. shall be outside the purview of IEMs.
- 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)

For and on behalf of 'Bidder/ Contractor'



# भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

**INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI**

Transit campus: Sree Rama Engineering College Campus, Rami Reddy Nagar,  
Karakambadi Road, Mangalam (B.O), Tirupati - 517 507

Website: <http://www.iisertirupati.ac.in/>

(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

Transit campus: Sree Rama Engineering College Campus, Rami Reddy Nagar,  
Karakambadi Road, Mangalam (B.O), Tirupati - 517 507  
Website: <http://www.iisertirupati.ac.in/>

**Annexure-'N'**

### 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  
Tirupati – 517507. Andhra Pradesh, India

Sub: Acceptance of Terms & Conditions of 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/ Organisation 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 that we can be debarred for a period up to two years as, per Rule 151(iii) of GFR 2017, in case of false declaration.

Yours Faithfully,

(Signature of the Bidder, with Official Seal)



# भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

**INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI**

Transit campus: Sree Rama Engineering College Campus, Rami Reddy Nagar,  
Karakambadi Road, Mangalam (B.O), Tirupati - 517 507  
Website: <http://www.iisertirupati.ac.in/>

## **CHECKLIST FOR BIDDER**

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

<b>Envelope-1(Technical-Bid)</b> (Following documents to be provided as single PDF file)				
Sl. No.	Documents	Content	File Types	Document Attached
1	Technical Bid	SCAN COPIES OF TENDER FEE OF RS.1,180/-	.PDF	( Yes /No )
2		ANNEXURE – A - FORMAT/QUESTIONNAIRE FOR COMPLIANCE OF TERMS AND CONDITIONS	.PDF	( Yes /No )
3		ANNEXURE – B - FORMAT OF COMPLIANCE STATEMENT OF SPECIFICATIONS	.PDF	( Yes /No )
4		ANNEXURE – C- MANUFACTURER'S AUTHORIZATION FORM	.PDF	( Yes /No )
5		ANNEXURE – D- BID SECURING DECLARATION 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 - BLACKLIST CERTIFICATE	.PDF	( Yes /No )
9		ANNEXURE – H - CERTIFICATE BY BIDDER- DPIIT REGISTRATION	.PDF	( Yes /No )
10		ANNEXURE – I - SELF-CERTIFICATION REGARDING LOCAL CONTENT (LC) FOR GOODS, SERVICES OR WORKS	.PDF	( Yes /No )
11		ANNEXURE – J - NO RELATIONSHIP CERTIFICATE	.PDF	( Yes /No )
12		ANNEXURE – K – ANNUAL MAINTENANCE CONTRACT	.PDF	( Yes /No )
13		ANNEXURE – L- UNDERTAKING FOR SUBMISSION OF PERFORMANCE BANK GUARANTEE	.PDF	( Yes /No )
14		ANNEXURE – M PRE-CONTRACT INTEGRITY PACT		
15		ANNEXURE – N- ACCEPTANCE OF TENDER TERMS		
16		SELF-ATTESTED COPY OF GST NUMBER (AS APPLICABLE)	.PDF	( Yes /No )
17		TENDER TERMS & CONDITIONS ACCEPTANCE SIGNED WITH OFFICIAL SEAL IS ATTACHED	.PDF	( Yes /No )





# भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

## INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

Transit campus: Sree Rama Engineering College Campus, Rami Reddy Nagar,  
Karakambadi Road, Mangalam (B.O), Tirupati - 517 507

Website: <http://www.iisertirupati.ac.in/>

18		SOLVENCY CERTIFICATE FOR RS -----) (NOT OLDER THAN TWELVE MONTHS) ISSUED BY SCHEDULED/NATIONALIZED BANK WITH WHICH BIDDER HOLDS THE CURRENT ACCOUNT	.PDF	( Yes /No )
<b>Envelope-2(Financial-Bid)</b>				
Sl. No.	Documents	Content	File Types	Document Attached
1	Financial Bid	Price bid should be submitted in PDF Format along with bill of material	.pdf	( Yes /No )
2	Financial Bid	Price bid should be submitted in Excel (BOQ) Format	.xls	( Yes /No )



## भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

### INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

Transit campus: Sree Rama Engineering College Campus, Rami Reddy Nagar,  
Karakambadi Road, Mangalam (B.O), Tirupati - 517 507

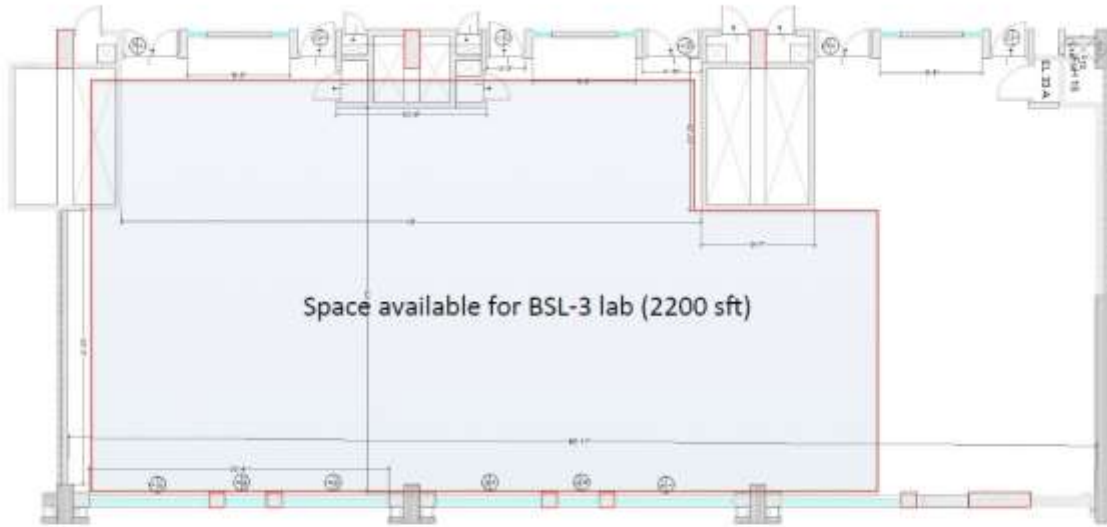
Website: <http://www.iisertirupati.ac.in/>

#### 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





# भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

## INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

Transit campus: Sree Rama Engineering College Campus, Rami Reddy Nagar,  
Karakambadi Road, Mangalam (B.O), Tirupati - 517 507  
Website: <http://www.iisertirupati.ac.in/>

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@sbci.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

Authorized  
Chief Manager, Korlagunta, (Tirupati)

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

Transit Campus Sree Rama Engineering College Karakambadi Road Mangalam (B.O.)  
Tirupati 517507 Andhra Pradesh India  
Tel +91 (0877) 2500 400 Fax +91 (0877) 2500 450 Website: [www.iisertirupati.ac.in](http://www.iisertirupati.ac.in)