



# INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH THIRUVANANTHAPURAM [IISERTVM]

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# IISER/PUR/PT/04/18-19 20/08/2018 INDEX FOR INVITATION FOR TENDER (IFT)

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IISER/PUR/PT/04/18-19

20/08/2018

**INVITATION FOR TENDER (IFT)** 

Sealed and super scribed **Two-Part** bids are invited for supply, installation and commission of the following equipment's.

I. Supply and Installation of Gamma Irradiator

1. IFT No.

: IISER/PUR/0538/SK/SB/18-19

2. DUE DATE

13<sup>TH</sup> SEPT 2018 [4 PM]

3. DATE OF OPENING OF TECHNICAL

14<sup>TH</sup> SEPT 2018 [3 PM]

BID

4. DATE OF OPENING OF PRICE BID

Will be notified later.

5. COST OF TENDER#

Rs. 500/- +12% GST [HSN code: 4911]

6. EMD [BID SECURITY] \*\*

Rs. 60,000/-

7 QTY REQUIRED

1no

- Please note Being an Institute under MHRD Govt of India IISER TVM will not entertain any type Advance Payment for the Equipment, AMC or any other Services.
- All the Commercial T&C should be made part of the Technical Bid.
- Index of the Enclosures in the Sealed Tender with a covering Letter is Mandatory for submission of Bids.
- Last Date for Reciept of Clarification:-31st AUG 2018
- Technical Specifications in Pg.2







#### Specifications for gamma irradiator

- The machine should be a gamma irradiator with Cs-137 as source or equivalent.
- The machine should be self-shielded so that no additional external shielding is required.
- Shielding material should be made up of Lead and Stainless Steel (SS 304L or better)
- It should include a sample rotating option for uniformity of field.
- There should be provision to control the irradiation temperature manually.
- The unit should have temperature detectors to monitor the irradiation temperature and should have a display panel outside.
- The door of the sample chamber should have a safety door interlocking system.
- The design should conform to the codes of Atomic Energy Regulatory Board (AERB), India, and/or American National Standards – ANSI - N433.1 – 1977 for safe design and use of self-contained dry source storage Gamma irradiator.
- The unit should be approved by Atomic Energy Regulatory Board (AERB), India for safety in transport of radioactive material as per relevant national and international safety standards.
- The supplier should undertake servicing and source replenishment whenever required.
- The supplier should take up responsibility of source disposal as and when required.
- The radiation source capacity should be at least 3 kilo Curie.
- Dose rate at maximum capacity should be ≤10 Gy/min, with radial variation of less than ±20% and axial variation of less than ±20%.
- Sample chamber should be of at least 3 liters in volume with at least 12 cm diameter and 20 cm height.
- The instrument should come with a rotating container for the sample, to be fixed in the sample chamber.
- Rotating container of sample chamber should have a speed of upto 60 RPM.
- The instrument should come with adjustable timer and adjustable dose.
- Control system should be electrical as well as PLC based with touch sensitive colored
   LCD screen and should be able to connect with printer for data printing.
- Power requirement should be 220/230 V, 50 Hz, 5 Amps, single-phase AC supply.
- The vendor should provide onsite training to the users free of cost.
- The vendor should provide at least three years warranty and quote for AMC for additional two years



#### 3 | Page

# II. Supply and Installation of IVC Cages and Cage changing Stations

1. IFT No. : IISER/PUR/0539/SK/SB/18-19

2. Due Date : 13<sup>TH</sup> Sept 2018 [4 PM]

3. Date of Opening of Technical: 14<sup>TH</sup> Sept 2018 [3 PM]

BID

4. DATE OF OPENING OF PRICE BID : Will be notified later.

5. Cost of Tender\* : Rs. 500/- +12% GST [HSN code: 4911]

6. EMD [BID SECURITY] \*\* : Rs. 32,000/-

7 QTY REQUIRED : As per Annexure

 Please note Being an Institute under MHRD Govt of India IISER TVM will not entertain any type Advance Payment for the Equipment, AMC or any other Services.

• All the Commercial T&C should be made part of the Technical Bid.

• Index of the Enclosures in the Sealed Tender with a covering Letter is Mandatory for submission of Bids.

• Last Date for Reciept of Clarification:-31st AUG 2018

• Technical Specifications in Pg4

• Interested vendors may participate in one or both (Part A-IVC System) and (Part B-Cage Changing Stations)

• The Tendered Specifications above mentioned in Annexure I (Part A) and Annexure-II (Part B) Bidders may quote either for Annexure I (Part A) and Annexure-II (Part B) separately. The tender also can be submitted for both the items Annexure I (Part A) and Annexure-II (Part B) with a clear break up of both Technical & Commercial Parts.

• The technical & financial portions of each part (Annexure- Part A & B) should be kept in sealed covers separately and these covers in turn to be kept in a bigger envelope with required superscription as stated in the IFT.

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Technical Specification Annexure I to IFT No.

11SER | PUR | 0539 | SK | SB | 18-19

Pg. 1

# Part A. Individually Ventilated Caging (IVC) System-Mice (8 units)

#### Specifications:

Each IVC system should include

- Air Handling Unit
- Single side racks (Separate quotations for all available sizes of racks with cages 40 and above)
- IVC cages of suitable size for the racks

#### Air handling Unit:

- 1. Should be independent and not rack mounting type.
- 2. Should be able to deliver 50-80 air changes per hour to each individually ventilated cage.
- 3. Should be able to maintain filter load compensation automatically.
- 4. Should be made up of rust-free polymer or stainless steel (above SS 304 grade), easily cleanable, compatible with gas/chemical sterilization.
- Should be compact and easy to move and handle.
- 6. Should have nylon/steel ball bearing castor wheels with pad lock for easy mobility and positioning.
- Should have provision to connect upto 4 single sided racks.
- 8. Should have built-in safety devices/ alarm system for fault indication.
- Should have microprocessor based control panel for setting and controlling supply and exhaust air quantity, average cage temperature, humidity and pressure.
- 10. HEPA Filters should be DOP Tested. The efficiency level of the filter should be 99.99% to prevent particles ≥0.3micron.
- 11. Maximum air speed limit is 0.2 m/sec above animal level.
- 12. Pre-filters must be easily accessible and cleanable.
- 13. Power supply should be 220-240 V, 50 Hz AC.
- 14. Should provide validation certificate and reports with all parameters (sensor calibration, aeraulic test etc.) tested.
- 15. Manufacturer should be ISO certified.
- 16. Should have silent operation Fans with AC motor and noise level should be ≤50 €b.
- 17. Should have the provision to regulate the fan speed.

#### **IVC Racks**

- 1. Frame structure, supply and exhaust air headers with air distribution system should be of stainless steel above SS 304 quality.
- 2. Castor wheels should be 4 in number and with at least two wheels having locking system.
- 3. Each single side rack should accommodate minimum of 45 cages.
- 4. Entire rack with all parts should be easy to clean, disinfect and should be autoclavable.
- 5. The rack must have self-locking system for docking the cages properly.

#### **IVC Cages**

- 1. Cages must be individually ventilated and should be able to run in both positive and negative pressure modes.
- 2. Cages should be of Polysulphone material with good transparency.



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- Each cage should have all necessary components such as cage bottom, cage grill (SS 304 grade), cage lid with breathing filter, cardholder along with water bottles and locking system.
- 4. All components of the cages must be washable and should be able to withstand repeated autoclaving.
- 5. Minimum floor area of the cage should be 500 cm<sup>2</sup>.
- 6. Should have self-locking system onto the rack with a proper docking.
- 7. Water bottles should be without any ball bearing.
- 8. Cage lid should be fitted with 0.3μm filter in a retainer to allow air entry in case of power failure.
- 9. The cages should be fitted with appropriate gasket to ensure efficient air sealing.
- 10. Water bottle should be of self-centering type and should hold a minimum of 250 ml of drinking water.
- 11. Bottle cap should be conical shaped to maximize water availability to animals.
- 12. The nozzle should be of high quality (SS 316 grade) and provide perfect sealing once the bottle is placed in position.
- 13. Air nozzles should be placed above animal height to prevent stress to the animals.
- 14. Water bottle port should be with self-closing isolators.
- 15. The vendor should quote for 30% extra cage units (in number) along with the set capacity of the racks.

#### **Desirable specifications:**

#### Air handling unit:

- 1. Should have provision to control or access through any portable or fixed external device that is equipped with a web browser/application, irrespective of the Operating System and display all the AHU information in the tablet/mobile phone/PC screen.
- 2. HEPA filter should be H13 or H14 grade and pre-filter should be of grade H4.
- 3. Provision for system alarm integration with the building management software.
- Provision for wireless/remote alarm through SMS, data logger, multiple ventilator connectivity with PC for remote monitoring, control and data download either through LAN or Wi-Fi.
- 5. Provision for external communication ports

#### IVC racks:

- 1. Duct couplers, endcaps, cage supply air nozzles & cage exhaust air nozzles in special grade rubber construction.
- 2. Castor wheels with SS 304 casing should be maintenance free, lockable and should not damage the flooring.
- 3. Plenums for air supply and exhaust should not have luminal acute angles or corners and allow equal air distribution.

#### Cages:

- 1. The air supply inlet should be positioned to prevent direct exposure to animals.
- Microbiological filter should be third party certified.

#### General requirements:

Annexuve I of Technical Specifications 11SER |POR | 0539 | SKISB118-19

1. The manufacturing company must comply with ISO 9001 (quality management system) and ISO 14001 (environmental management system) standards.

2. Validation for the entire system including cages, racks and AHU along with filter integrity

3. The vendor will be responsible for loading, unloading of material and provide

4. The equipment should come with detailed instruction manual.

5. The vendor should furnish information about the availability of after sales service and ability to attend emergency calls for troubleshooting. Availability of local service support and response time for a service call during and after the warranty should be specified.

6. The vendor must furnish a list of users of the product in India and certificate of performance from users preferably from national level institutions.

7. The vendor should provide at least 5 years warranty.

8. Post warranty AMC charges for three years should be quoted separately.

9. Hands on training should be provided at the site of installation, free of cost.

10. Sufficient numbers of spare parts such as tubings, gaskets, HEPA filters etc should be provided by the vendor for initial period.



Annexxure II

to technical Specifications of

Fender (IFT) No. 11SER) PUR/0539/

D. SK/SB/18-19

Part B. Animal cage changing stations (8 numbers)

#### **Specifications:**

- Should be suitable to use in GLP standard Lab/Clean Animal facility to change rodent cages.
- 2. Should be compact in size and over all dimension should not be more than  $1400 \times 800 \times 2000$  mm.
- 3. Should be calibrated and validated.
- Should be mobile and allow the user to easily move the cabinet inside animal room with lockable castor wheels.
- 5. Should have dual access so that users can work from both sides.
- 6. Should ensure protection and should be safe to use during cage changing.
- 7. There should not be any sharp corners or edges and surface should be clean.
- 8. Microprocessor driven airflow speed should be adjustable to provide safe working conditions.
- 9. The Barrier Air Flow Speed should protect the operator from allergens and particles while manipulating cages inside the cabinet.
- 10. Should ensure protection to the animals from contaminant by minimizing the exposure to aerosols.
- 11. The Incoming and outgoing air should be filtered through a particulate pre-filter (G4 efficiency) and then through an H13/H14 HEPA filter.
- 12. Filters efficiency should be of laminar air flow grade.
- 13. Integrity of HEPA should be DOP Tested and should meet ISO standards.
- 14. Efficiency should be more than 99.50% at 0.3  $\mu m$  to create a containment level as per ISO 4 standards.
- 15. Protective net or equivalent protection should be provided to avoid bedding and dust particles clogging the exhaust pre-filter, preserving the lifespan and the efficiency of the HEPA filters.
- 16. Should have acoustic and/or optical alarm indicator system according to performance criteria for microbiological safety cabinets. It should indicate when the system is out of range for airflow velocity, front air barrier flow rate, HEPA filters clogging and motor blower fault.
- 17. Should be equipped with EC motors and energy consumption, noise (<50db) and vibration should be minimum.
- 18. Should have LED lighting and two power sockets protected with drip-proof covers
- 19. Work top surface should be scratch resistant stainless steel material of SS 304 grade or above.
- 20. Power Supply should be 220-240 V, 50 Hz. AC.
- 21. Power cord should be at least 4 m length with 5/15 Amp. 3 pin plug.
- 22. Should provide validation certificate and test reports with all parameters.
- 23. Manufacturer should be ISO certified.
- 24. The vendor should provide at least 5 years warranty.
- Post warranty AMC charges for three years should be quoted separately.



# Page ? to technical Specifications of IFT No. 11SER/PUR/0539/SK/SB/18-19

- 26. The vendor should provide transportation, installation at the designated site and should provide hands on training to the staff free of cost at the installation site.
- 27. Vendor should furnish details of the local service support and response time for a service call during and after the warranty period.
- 28. The equipment should come with detailed instruction manual.
- 29. The vendor must furnish a list of users of the product/s in India and certificate of performance from users preferably from national level institutions.

#### Desirable specifications

- 1. Provision to record and save functional data.
- 2. Provision for adjusting height.
- Touch screen alpha-numeric display for airflow speed, barrier flow rate for easy
  monitoring of the working conditions, such as display for airflow velocity, front air
  barrier velocity, display of residual lifetime of HEPA filters, display of total time of
  cabinet operation etc.
- 4. The average airflow must be higher than 0.30 m/s in the whole internal chamber, equally distributed in the working area for animal protection and avoid cross contamination.
- 5. The vendor should provide a list of installations in India.
- 6. Should have regional service centre.
- 7. At least three years of warranty should be provided.

21/08/MP



# (8)

# **TERMS&CONDITIONS**

- 1) Bid with IFT No. & Item Name shall be quoted over cover
- 2) All the correspondence in this regard should be done in favour of Deputy Registrar (Purchase & Stores), Indian Institute of Science Education & Research Thiruvananthapuram, Maruthamala P.O, Vithura, Thiruvananthapuram- 695551.
- **3)** Instructions to Bidders [Annexure I] and General Terms and Conditions of the Contract [Annexure II] shall be followed.
- 4) \*Tender cost and Bid Security should be paid. EMD should be paid through State Bank Collect Tender No & Company Name must be mentioned in the Remarks column. Quotes should accompany a copy of Transaction slip /Print out OR Bank guarantee equivalent to the EMD value with validity 90 days.
- **5)** \*\*Bid Security [refundable without any interest] shall be as per clause 1.15 of Annexure I. In case the Bid security is provided by Bank Guarantee, specimen for the same is at Annexure III.
- 6) Clause 1.10[Bid Form] of Annexure I is not applicable for this Tender.
- 7) <u>Tenders without Tender Cost, and Bid Security shall not be considered and summarily to be disqualified from participating tender.</u>
- 8) Tenders are to be submitted to the Purchase & Stores
  Office 1st Floor, Shopping Complex Building, IISER
  Campus, Maruthamala Vithura. -695551 before the due
  date and time.
- 9) Tender Opening:

All tenders will be opened at P&S Office, Indoor Stadium, IISER Campus, Maruthamala Vithura. Authorized representatives of the bidders may attend the Tender Opening only with authorization letters and Valid Company ID Card. Persons who come without Authorization letters will not be permitted to attend Tender Opening process.

### Two - Part Tender

### PART I - TECHNICAL BID:

Consisting of all Technical details along with commercial terms and conditions. Tender Cost and Bid Security [EMD] signed shall be sent along with Technical bids, Clientele list and details of TWO major installations in India.

### PART II - PRICE BID:

Showing item-wise prices for the items mentioned in the Technical Bid.

The technical bid and the Price bid should be in separate sealed and super scribed covers. Both these covers are to be put in a sealed bigger cover super scribing Tender No and due date. Technical bids will be opened first and after evaluation, price bids of only the shortlisted bidders will be opened.

DEPUTY REGISTRAR [PURCHASE & STORES] IISERTVM



# **INSTRUCTIONS TO BIDDERS**

#### 1.1. ELIGIBLE BIDDERS.

- 1.1.1 This Invitation for Bids is open to all suppliers.
- Bidders should not be associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under this Invitation of Bids.

#### 1.2. Cost of Bidding

- 1.2.1 The Bidder shall bear all costs associated with the preparation and submission of its bid, and "the Purchaser", will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.
- 1.3. FRAUD AND CORRUPTION:
- 1.3.1 The purchaser requires that the bidders/suppliers and contractors observe the highest standard of ethics during the procurement and execution of such contracts.
- 1.3.2 The purchaser will reject a proposal for award if it determines that the 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;

  The Bidding Documents
- 1.4. Cost of Bidding Documents
- 1.4.1 Interested eligible bidders may download the document from our Website. However the bid document cost to be paid during the submission of the bid.
- 1.5. CONTENT OF BIDDING DOCUMENTS
- The goods required, bidding procedures and contract terms are prescribed in the bidding documents which should be read in conjunction.
- 1.5.2 The Bidder is expected to examine all instructions, forms, terms, and specifications in the bidding documents. Failure to furnish all information required by the bidding documents or submission of a bid not substantially responsive to the bidding documents in every respect will be at the Bidder's risk and may result in rejection of its bid.
- 1.6. CLARIFICATION OF BIDDING DOCUMENTS
- A prospective Bidder requiring any clarification of the Bidding Documents shall contact the Purchaser in writing via fax/email. The Purchaser will respond in writing to any request for clarification, provided that such request is received not later than ten (10) days prior to the deadline for submission of bids. The Purchaser shall forward copies of its response to all those who have acquired the Bidding Documents directly from it, including a description of the inquiry but without identifying its source. Should the Purchaser deem it necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure under clause relating to amendment of Bidding documents and Clause relating to Deadline for Submission of Bids. The clarifications and amendments issued would also be hosted on the website of the purchaser for the benefit of the other prospective bidders.
- 1.7. Amendment of Bidding Documents
- 1.7.1 At any time prior to the deadline for submission of bids, the Purchaser may, for any reason, whether at its own initiative or in response to a clarification requested by pa prospective bidder, modify the bidding documents by amendment.
- 1.7.2 All prospective bidders who have received the bidding documents will be notified of the amendment in writing or by e-mail and will be binding on them. The same would also be hosted on the website of the purchaser and all prospective bidders are expected to surf the website before submitting their bids to take cognizance of the amendments.
- 1.7.3 In order to allow prospective bidders reasonable time to take the amendment into account, while in preparing their bids, the Purchaser, at its discretion, may extend the deadline for the submission of bids and host the changes on the website of the purchaser.
- 1.7.4 In case of any amendment to the bid, it will be done at least 7 days before due date and will be published in website. Bidders are required to keep this in view before submission. Normally extension of due date will not be entertained. However in special cases if due date is extended, it will be notified under the same tender notice before 3 days of due date.

#### PREPARATION OF BIDS

- 1.8. LANGUAGE OF BID
- 1.8.1 The bid prepared by the Bidder, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser, shall be written in English language only especially when the details are technical.
  - However of GOI makes it mandatory under Rajbhasha Abhniyam in that case views of Rajbasha unit of IISER-TVM may be sought.
- 1.8.2 The Supplier shall bear all costs of translation, if any, to the English language and all risks of the accuracy of such translation, for documents provided by the Supplier.

#### 1.9. DOCUMENTS COMPRISING THE BID

- 1.9.1 The bid prepared by the Bidder shall include:
  - a) Bidder Information
  - b) Bid security as specified in the Invitation to Bids.
  - c) Service support details
  - d) Deviation Statement if any.



- e) Performance Statement.
- Manufacturer's Authorization.
- g) Documentary evidence establishing that the bidder is eligible to bid and is qualified to perform the contract if its bid is accepted.
- h) Bid form.
- i) Documents establishing goods eligibility and conformity to bidding documents.
- j) Applicable Price Schedule Form.
- k) DGS&D Registration certificate in case the items under procurement falls under the restricted category of the current export-import policy of the Govt. of India.

#### 1.10. BID FORM AND PRICE SCHEDULE

1.10.1 The bidder shall complete the Bid with the appropriate price schedule.

#### 1.11. BID PRICES

- 1.11.1 The Bidder shall indicate on the appropriate price schedule, the unit prices and total bid prices of the goods it proposes to supply under the contract.
- 1.11.2 Prices indicated on the price-schedule form shall be entered separately in the following manner:

#### (A) FOR GOODS MANUFACTURED WITHIN INDIA

(i) The price of the goods quoted Ex-works including taxes already paid.

(ii) VAT and other taxes like excise duty etc [shall be shown extra] which will be payable on the goods if the contract is awarded.

a. The charges for inland transportation, insurance and other local services required for delivering the goods at the desired destination as specified in the price schedule.

b. The installation, commissioning and training charges including any incidental services, if any.

#### (B) FOR GOODS MANUFACTURED ABROAD

Bidders are required to show break-up of Ex-works [which should include packing and handling charges], FOB/FCA and CIF/CIP price in the quotation. IISERTVM has a mechanism for consolidation and customs clearance. The consolidators will be nominated for this purpose at the time of awarding the contract if desires so.

(i) The price of the goods, quoted on FCA (named place of delivery abroad) or FOB (named port of shipment), as specified in the price schedule.

(ii) The charges for insurance and transportation of the goods to the port/place of destination.

(iii) The agency commission charges should be shown, if any.

(iv) The installation, commissioning and training charges including any incidental services, if any The terms FOB, FCA, CIF, CIP etc shall be governed by the rules prescribed in the current edition of the Incoterms published by the International Chambers of Commerce, Paris.

1.11.4 Where there is no mention of packing, forwarding, freight, insurance changes, taxes etc. such offer shall be rejected as incomplete.

1.11.5 The price quoted shall remain fixed during the contract period and shall not vary on any account

1.11.6 All lots and items must be listed and priced separately in the Price Schedules. If a Price Schedule shows items listed but not priced their prices shall be assumed to be included in the prices of other items. Lots or items not listed in the Price Schedule shall be assumed to be not included in the bid.

1.11.7 The purchases made by the purchaser for scientific purpose are exempt from excise duty under 10/97 notification and Custom Duty under notification 51/96.

1.12. BID CURRENCIES

1.11.3

1.12.1 Prices shall be quoted in Indian Rupees for offers received for supply within India and in freely convertible foreign currency in case of offers received for supply from foreign countries.

1.13. DOCUMENTS ESTABLISHING BIDDER'S ELIGIBILITY AND QUALIFICATIONS

1.13.1 The bidder shall furnish, as part of its bid, documents establishing the bidders' eligibility to bid and its qualification to perform the contract if its bid is accepted.

1.13.2 The documentary evidence of the bidders qualification to perform the contract if the bid is accepted shall establish to the purchasers satisfaction that;

(a) The bidder meets the qualification criteria listed in bidding documents, if any.

(b) Bidder that doesn't manufacture the goods it offers to supply shall submit to Manufacturers' Authorization Form (MAF) to demonstrate that it has been duly authorized by the manufacturer of the goods to quote and/or supply the goods.

(c) In case a bidder 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.

1.13.3 Conditional tenders shall not be accepted

#### 1.14. DOCUMENTS ESTABLISHING GOODS' ELIGIBILITY AND CONFORMITY TO BIDDING DOCUMENTS

To establish the goods' eligibility, the documentary evidence of the goods and services eligibility shall consist of a statement on the country of origin of the goods and services offered which shall be confirmed by a certificate of origin at the time of shipment.

To establish the conformity of the goods and services to the specifications and schedule of requirements of the bidding document, the documentary evidence of conformity of the goods and services to the bidding documents may be in the form of literature, drawings and data, and shall consist of:

(a) A detailed description of the essential technical and performance characteristics of the goods;

(b) A list giving full particulars, including available sources and current prices, of spare parts, special tools, etc., necessary for the proper and continuing functioning of the goods during the warranty period following commencement of the use of the goods by the Purchaser in the Priced bid; and

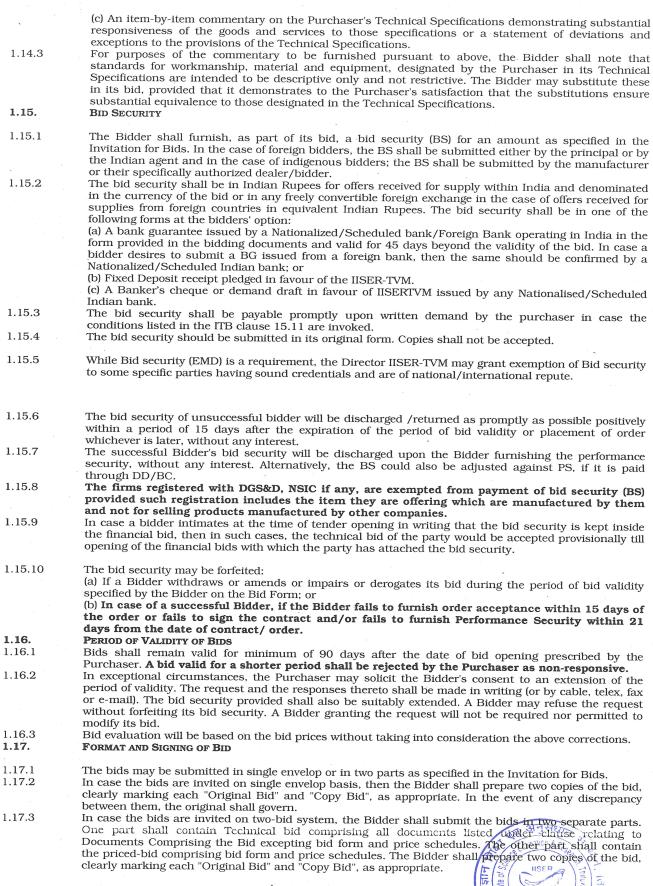
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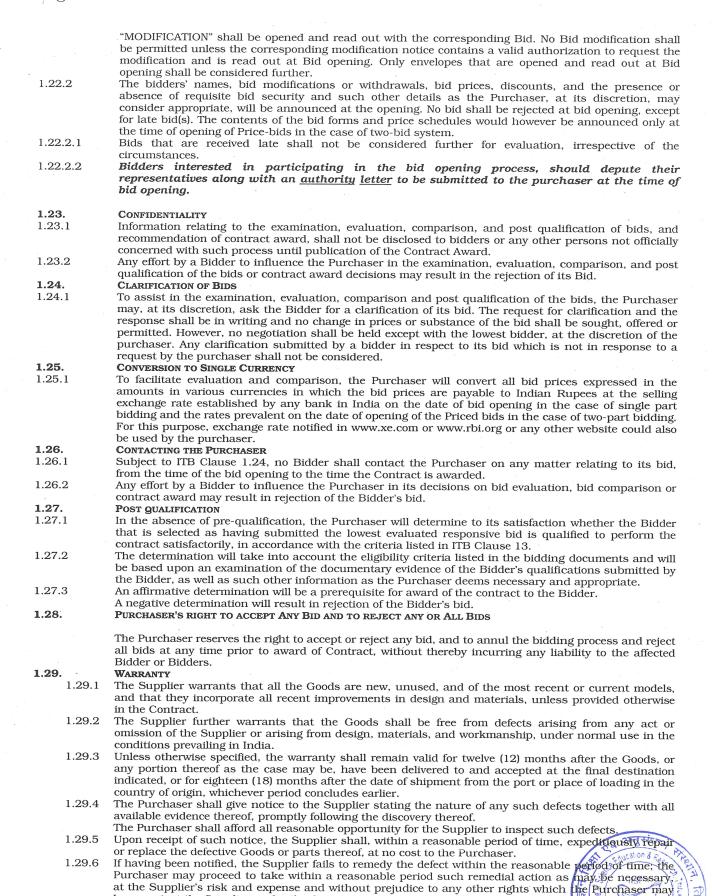
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Bidder or a person or persons duly authorized to bind the Bidder to the Contract. All pages of the bid, except for un-amended printed literature, shall be initialed by the person or persons signing the bid. 1.17.5 Any interlineations, erasures or overwriting shall be valid only if they are initialed by the persons or persons signing the bid. 1.18. SUBMISSION, SEALING AND MARKING OF BIDS 1.18.1 The bidders may submit their duly sealed bids generally by post or by hand. 1.18.2 In the case of bids invited on single envelop basis, the Bidders shall seal the original and each copy of the bid in separate inner envelopes, duly marking the envelopes as "original" and "copy". The envelopes shall then be sealed in an outer envelope. In the case of bids invited on two part basis, the Bidder shall seal the un-priced commercial and 1.18.3 technical bid comprising the documents as listed in ITB 1.9.1 excepting for h & j and the priced bid in two separate envelops duly marked as "Technical bid" and "priced bid". Both the envelopes shall then be sealed in one outer envelope. 1.18.4 (a) The inner and outer envelopes shall be addressed to the Purchaser indicated. (b) Bear the name and address of the bidder, Tender No., due date and a warning "Do not open before " to be completed with the time and date as specified in the invitation for bids. 1.18.5 If the outer envelope is not sealed and marked as required above, the Purchaser will assume no responsibility for the bid's misplacement or premature opening. In such cases, bids received in open condition within the due date and time will be accepted at the risk of the bidder if the same is presented to the Stores & Purchase Officer before expiry of the due date and time of opening of the bids. 1.18.6 Firms submitting bids in a single envelope against the requirement of two-bid system would be considered for further evaluation at the risk & responsibility of the bidder. However, the opened priced bid would be sealed immediately by the TOC without disclosing the price. 1.19. DEADLINE FOR SUBMISSION OF BIDS 1.19.1 Bids must be received by the Purchaser at the address specified in Invitation for bids not later than the time and date specified therein. In the event of the specified date for the submission of Bids being declared a holiday for the Purchaser, the Bids will be received up to the appointed time on the next working day. 1.19.2 The Purchaser may, at its discretion, extend the deadline for submission of bids by amending the bid documents in accordance with Clause relating to Amendment of Bidding Documents in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended. 1.20. LATE BIDS 1.20.1 Any bid received by the Purchaser after the deadline for submission of bids prescribed by the Purchaser will be rejected. 1.20.2 Such tenders shall be marked as late and not considered for further evaluation. They shall not be opened at all and be returned to the bidders in their original envelope without opening. 1.21. WITHDRAWAL, SUBSTITUTION AND MODIFICATION OF BIDS 1.21.1 A Bidder may withdraw, substitute, or modify its Bid after it has been submitted by sending a written notice in accordance with ITB Clause 18 duly signed by an authorized representative, and shall include a copy of the authorization in accordance with ITB Sub- Clause 17.4 (except that no copies of the withdrawal notice are required). The corresponding substitution or modification of the bid must accompany the respective written notice. All notices must be: (a) submitted in accordance with ITB Clauses 17 and 18 (except that withdrawal notices do not require copies), and in addition, the respective envelopes shall be clearly marked "WITHDRAWAL," "SUBSTITUTION," or "MODIFICATION;" and (b) Received by the Purchaser prior to the deadline prescribed for submission of bids, in accordance with ITB Clause 19. 1.21.2 Bids requested to be withdrawn in accordance with ITB Sub-Clause 21.1 shall be returned unopened to the Bidders. No bid may be withdrawn, substituted, or modified in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Bid Form or any extension thereof. Opening and Evaluation of Bids 1.22. OPENING OF BIDS BY THE PURCHASER 1.22.1

The original and all copies of the bid shall be typed or written in indelible ink and shall be signed by the

The Purchaser will open all bids one at a time in the presence of Bidders' authorized representatives who choose to attend, as per the schedule given in invitation for bids. The Bidders' representatives who are present shall sign the quotation opening sheet evidencing their attendance. In the event of the specified date of Bid opening being declared a holiday for the Purchaser, the Bids shall be opened at the appointed time and location on the next working day. In two-part bidding, the financial bid shall be opened only after technical evaluation. 1.22.2 First, envelopes marked "WITHDRAWAL" shall be opened and read out and the envelope with the corresponding bid shall not be opened, but returned to the Bidder. No bid withdrawal shall be permitted unless the corresponding withdrawal notice contains a valid authorization to request the withdrawal and is read out at bid opening. Next, envelopes marked "SUBSTITUTION" shall be opened and read out and exchanged with the corresponding Bid being substituted, and the substituted Bid shall not be opened, but returned to the Bidder. No Bid substitution shall be permitted unless the corresponding substitution notice contains a valid authorization to request the substitution and is read out at bid opening. Invelopes marked





1.29.7 Goods requiring warranty replacements must be replaced on free of cost basis to the purchaser.

have against the Supplier under the Contract.

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1.29.8 Performance Guarantee:

The successful bidder is required to submit a performance Guarantee of 10% of Purchase Order value valid during warranty period.

1.30 PENALTY CLAUSE

1.30.1 Subject to GCC Clause on Force Majeure, if the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Purchaser shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as penalty, a sum equivalent to the percentage specified in contract of the delivered price of the delayed Goods or unperformed Services or contract value for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the Percentage specified in contract. Once the maximum is reached, the Purchaser may consider termination of the Contract pursuant to GCC. Clause on Termination for Default. The SCC shall also indicate the basis for ascertaining the value on which the penalty shall be applicable

1.31 INSURANCE

- 1.31.1 Should the purchaser elect to buy on CIF/CIP basis, the Goods supplied under the Contract shall be fully insured in Indian Rupees against any loss or damage incidental to manufacture or acquisition, transportation, storage and delivery in the manner specified in contract.
- 1.31.2 Where delivery of the goods is required by the purchaser on CIF or CIP basis the supplier shall arrange and pay for Cargo Insurance, naming the purchaser as beneficiary and initiate & pursue claims till settlement, on the event of any loss or damage.

1.31.3 Where delivery is on FOB or FCA basis, insurance would be the responsibility of the purchaser.

1.31.4 With a view to ensure that claims on insurance companies, if any, are lodged in time, the bidders and /or the Indian agent shall be responsible for follow up with their principals for ascertaining the dispatch details and informing the same to the Purchaser and he shall also liaise with the Purchaser to ascertain the arrival of the consignment after clearance so that immediately thereafter in his presence the consignment could be opened and the insurance claim be lodged, if required, without any loss of time. Any delay on the part of the bidder/Indian Agent would be viewed seriously and he shall be directly responsible for any loss sustained by the purchaser on the event of the delay.

1.32 TRANSPORTATION

- 1.32.1 Where the Supplier is required under the Contract to deliver the Goods FOB, transport of the Goods, up to and including the point of putting the Goods on board the vessel at the specified port of loading, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract price. Where the Supplier is required under the Contract to deliver the Goods FCA, transport of the Goods and delivery into the custody of the carrier at the place named by the Purchaser or other agreed point shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract price.
- 1.32.2 Where the Supplier is required under the Contract to deliver the Goods CIF or CIP, transport of the Goods to the port of destination or such other named place of destination in the Purchaser's country, as shall be specified in the Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.
- 1.32.3 In the case of supplies from within India, where the Supplier is required under the Contract to transport the Goods to a specified destination in India, defined as the Final Destination, transport to such destination, including insurance and storage, as specified in the Contract, shall be arranged by the Supplier, and the related costs shall be included in the Contract Price.

  Packing

PACKING
Should be as per standards prescribed for international trade and movement of the goods.

1.34 STANDARDS

The Goods supplied and services rendered under this Contract shall conform to the standards mentioned in the Technical Specifications and Schedule of Requirements, and, when no applicable standard is mentioned, to the authoritative standard appropriate to the Goods' country of origin and such standards shall be the latest issued by the concerned institution.

1.35 PERFORMANCE SECURITY

- 1.35.1 Within 21 days of receipt of the notification of award/PO, the Supplier shall furnish performance security of 7% of Contract/ Purchase Order value in the amount specified in the Contract, valid till 60 days beyond the completion of contractual obligations.
- 1.35.2 The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.
- 1.35.3 The Performance Security shall be denominated in Indian Rupees for the offers received for supplies within India and denominated in the currency of the contract in the case of offers received for supply from foreign countries.
- 1.35.4 In the case of imports, the PS may be submitted either by the principal or by the Indian agent and, in the case of purchases from indigenous sources, the PS may be submitted by either the manufacturer or their authorized dealer/bidder.

1.35.5 The Performance security shall be in one of the following forms:

- (a) A Bank guarantee or stand-by Letter of Credit issued by a Nationalized/Scheduled bank located in India or a bank located abroad in the form provided in the bidding documents. Or,
- (b) A Banker's cheque or Account Payee demand draft in favour of the purchaser. Or,

(c) A/Fixed Deposit Receipt pledged in favour of the Purchaser.

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1.36 DELIVERY SCHEDULE

Delivery schedule should be specified clearly.

1.37 PAYMENT TERMS

For Indigenous supplies payment will be made within 30 days from the date of supply, installation and commissioning. For Imported goods, the preferred payment mode of the Institute is Sight Draft /Net 30 days. If Letter of Credit is insisted by the vendors, the LC will be established for 100% of Purchase Order value out of which 90% will be paid against shipping evidence and 10% after installation and commissioning and on submission of Performance Bank Guarantee for 10% of Purchase Order value which should be valid during warranty period. However the advance payment to the vendors is not encouraged.

Deputy Registrar
[Purchase & Stores]





#### GENERAL TERMS & CONDITIONS OF THE CONTRACT

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#### DEFINITIONS 2.1

- 2.1.1 The following words and expressions shall have the meanings hereby assigned to them:
  - "Contract" means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.
  - b) "Contract Documents" means the documents listed in the Contract Agreement, including any amendments thereto.
  - c) "Contract Price" means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract. d) "Day" means calendar day

  - "Completion" means the fulfillment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the e) Contract.
  - f) "GCC" means the General Conditions of Contract.
  - "Goods" means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply g) to the Purchaser under the Contract.
  - "Related Services" means the services incidental to the supply of the goods, such as transportation, insurance, installation, training and initial h) maintenance and other such obligations of the Supplier under the Contract.
  - i) "SCC" means the Special Conditions of Contract.
  - "Subcontractor" means any natural person, private or government entity, or a combination of the above, to whom any part of the Goods to be j) supplied or execution of any part of the Related Services is subcontracted by the Supplier.
  - k) "Supplier" means the natural person, private or government entity, or a combination of the above, whose bid to perform the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.
  - Indian Institute of Science Education and Research, Thiruvananthapuram (IISER-TVM) means a society registered under the Travancore 1) Cochin Literary Scientific and Charitable Societies' Registration Act, 1995 (12 of 1955) on 20.02.2008 at Kerala at no. T.342/08.

#### "The final destination," where applicable, means the place named in the SCC. **2.2** 2.2.1 CONTRACT DOCUMENTS

- Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole.
- The purchaser 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,
  - The terms set forth below are defined as follows:
    - "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a i) 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;
      "Collusive practice" means a scheme or arrangement between two or more bidders, with or without
    - iii) the knowledge of the Borrower, designed to establish bid prices at artificial, noncompetitive levels; and "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their prope iv) to influence their participation
  - in the procurement process or affect the execution of a contract: the purchaser will reject a proposal for award if it determines that the Bidder recommended for award h directly or through

engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract in question;

JOINT VENTURE, CONSORTIUM OR ASSOCIATION

2.4

2.13.6

If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfilment of 2.4.1 the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser. 2.5 SCOPE OF SUPPLY 2.5.1 The Goods and Related Services to be supplied shall be as specified in the Schedule of Requirements. 2.6 SUPPLIERS' RESPONSIBILITIES The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with Scope of Supply Clause of the GCC, 2.6.1 and the Delivery and Completion Schedule, as per GCC Clause relating to delivery and document. 2.7 2.7.1 Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid. 2.8 COPYRIGHT 2.8.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party. 2.9 APPLICATION 2.9.1 These General Conditions shall apply to the extent that they are not superseded by provisions in other parts of the Contract. 2.10 **STANDARDS** 2.10.1 The Goods supplied and services rendered under this Contract shall conform to the standards mentioned in the Technical Specifications and Schedule of Requirements, and, when no applicable standard is mentioned, to the authoritative standard appropriate to the Goods' country of origin and such standards shall be the latest issued by the concerned institution. 2.11 USE OF CONTRACT DOCUMENTS AND INFORMATION 2.11.1 The Supplier shall not, without the Purchaser's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample or information, furnished by or on behalf of the Purchaser in connection therewith, to any person other than a person employed by the Supplier in performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far, as may be necessary for purposes of such performance. 2.11.2 The Supplier shall not, without the Purchaser's prior written consent, make use of any document or information enumerated above except for purposes of performing the Contract. 2.11.3 Any document, other than the Contract itself, enumerated above shall remain the property of the Purchaser and shall be returned (in all copies) to the Purchaser on completion of the Supplier's performance under the Contract if so required by the Purchaser. 2.12 PATENT INDEMNITY The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 12.2, indemnify and hold harmless the Purchaser and its employees 2.12.1and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of: (a) the installation of the Goods by the Supplier or the use of the Goods in India; and (b) the sale in any country of the products produced by the Goods 2.12.2 If any proceedings are brought or any claim is made against the Purchaser, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claims. 2.13 PERFORMANCE SECURITY 2.13.1 Within 21 days of receipt of the notification of award/PO, the Supplier shall furnish performance security in the amount specified in SCC, valid till 60 days after the warranty period. Alternatively, the PS may also be submitted at the time of release of final payment in cases where part payment is made against delivery & part on installation. The PS, where applicable, shall be submitted in advance for orders where full payment is to be made on Letter of Credit (LC) or on delivery. In this case, submission of PS at the time of negotiation of documents through Bank would be stipulated as a condition in the LC and the BS should be kept valid till such time the PS is submitted. The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to 2.13.2 complete its obligations under the Contract. 2.13.3 The Performance Security shall be denominated in Indian Rupees for the offers received for supplies within India and denominated in the currency of the contract in the case of offers received for supply from foreign countries In the case of imports, the PS may be submitted either by the principal or by the Indian agent and, in the case of purchases from indigenous 2.13.4 sources, the PS may be submitted by either the manufacturer or their authorized dealer/bidder. 2.13.5 The Performance security shall be in one of the following forms:

> A Bank guarantee or stand-by Letter of Credit issued by a Nationalized/Scheduled bank located in India or a bank located abroad in the (a) form provided in the bidding documents. Or. A Banker's cheque or Account Payee demand draft in favour of the purchaser. Or,

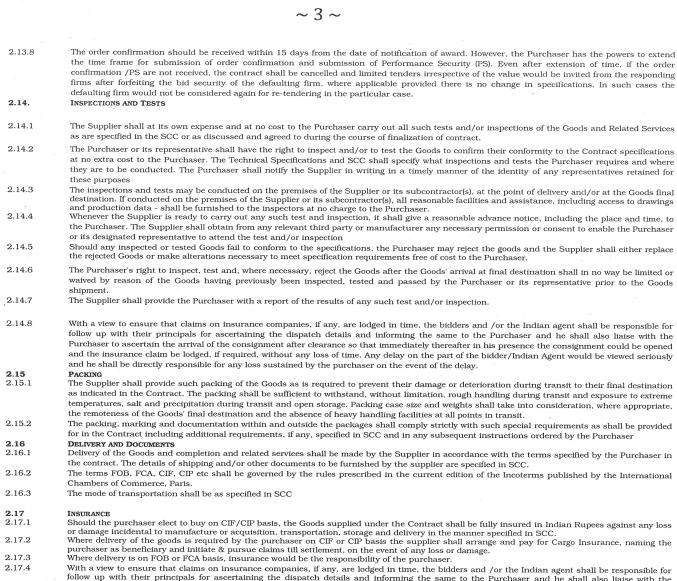
A Fixed Deposit Receipt pledged in favour of the Purchaser.

The performance security will be discharged by the Purchaser and returned to the Supplier not later than 60 days following the date of completion of the Supplier's performance obligations, including any warranty obligations, unless specified otherwise in SCC, without levy of any interest.

the event of any contract amendment, the supplier shall, within 21 days of receipt of such amendment, furnish the amendment to the formance security, rendering the same valid for the duration of the contract, as amended for further period of 60 days thereafter.

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With a view to ensure that claims on insurance companies, if any, are lodged in time, the bidders and /or the Indian agent shall be responsible for follow up with their principals for ascertaining the dispatch details and informing the same to the Purchaser and he shall also liaise with the Purchaser to ascertain the arrival of the consignment after clearance so that immediately thereafter in his presence the consignment could be opened and the insurance claim be lodged, if required, without any loss of time. Any delay on the part of the bidder/Indian Agent would be viewed seriously and he shall be directly responsible for any loss sustained by the purchaser on the event of the delay.

#### 2.18 TRANSPORTATION 2.18.1

- Where the Supplier is required under the Contract to deliver the Goods FOB, transport of the Goods, up to and including the point of putting the Goods on board the vessel at the specified port of loading, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract price. Where the Supplier is required under the Contract to deliver the Goods FCA, transport of the Goods and delivery into the custody of the carrier at the place named by the Purchaser or other agreed point shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract price.
- 2.18.2 Where the Supplier is required under the Contract to deliver the Goods CIF or CIP, transport of the Goods to the port of destination or such other named place of destination in the Purchaser's country, as shall be specified in the Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.
- 2.18.3 In the case of supplies from within India, where the Supplier is required under the Contract to transport the Goods to a specified destination in India, defined as the Final Destination, transport to such destination, including insurance and storage, as specified in the Contract, shall be arranged by the Supplier, and the related costs shall be included in the Contract Price. 2.19

#### INCIDENTAL SERVICES 2.19.1

The supplier may be required to provide any or all of the services, if any, specified in SCC 2.20 SPARE PARTS

#### 2.20.1

- The Supplier shall be required to provide any or all of the following materials, notifications,
  - and information pertaining to spare parts manufactured or distributed by the Supplier:

    (a) Such spare parts as the Purchaser may elect to purchase from the Supplier, providing that this election shall not relieve the Supplier of any warranty obligations under the Contract; and
    - (b) In the event of termination of production of the spare parts:
      - (i) Advance notification to the Purchaser of the pending termination, in sufficient time to permit the Purchaser to procure needed requirements; and (ii)
      - Following such termination, furnishing at no cost to the Purchaser, the blueprints, drawings and specifications of the spare parts, if requested.

#### 2.21 WARRANTY

- The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.

  The Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the
- 2.21.2 Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in India.

  Unless otherwise specified in the SCC, the warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the SCC, or for eighteen (18) months after the date of shipment from the 2.21.3
- port or place of loading in the country of origin, whichever period concludes earlier.

  The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following 2.21.4
- the discovery thereof The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.

- 2.21.5 Upon receipt of such notice, the Supplier shall, within a reasonable period of time, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser. If having been notified, the Supplier fails to remedy the defect within the reasonable period of time; the Purchaser may proceed to take within a 2.21.6 reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract. 2 21 7 Goods requiring warranty replacements must be replaced on free of cost basis to the purchaser. 2.22 TERMS OF PAYMENT 2.22.1 The method and conditions of payment to be made to the Supplier under this Contract shall be as specified in the SCC. The Supplier's request(s) for payment shall be made to the Purchaser in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and the Services performed, and by documents, submitted pursuant to Delivery and document Clause of the GCC and upon fulfillment of other obligations stipulated in the contract. 2.22.2 Payments shall be made promptly by the Purchaser but in no case later than thirty (30) days after submission of the invoice or claim by the Supplier. 2.22.3 Payment shall be made in currency as indicated in the contract. 2.22.4 CHANGE ORDERS AND CONTRACT AMENDMENTS. 2.23. 2.23.1 The Purchaser may at any time, by written order given to the Supplier pursuant to Clause on Notices of the GCC make changes within the general scope of the Contract in any one or more of the following: Drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser: The method of shipping or packing; (c) The place of delivery; and/or The Services to be provided by the Supplier. The delivery schedule. (e) If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or delivery schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this clause must be asserted within fifteen (15) days from the date of the Supplier's receipt of the 2.23.2 Purchaser's change order. 2.23.3 No variation or modification in the terms of the contract shall be made except by written amendment signed by the parties 2.24.1 ASSIGNMENT

  The Supplier shall not assign, in whole or in part, its obligations to perform under the Contract, except with the Purchaser's prior written consent. 2.25. SUBCONTRACTS The Supplier shall notify the Purchaser in writing of all subcontracts awarded under this Contract if not already specified in the bid. Such notification, in the original bid or later, shall not relieve the Supplier from any liability or duties or obligation under the Contract. 2.25.1 2.26 EXTENSION OF TIME. 2.26.1 Delivery of the Goods and performance of the Services shall be made by the Supplier in accordance with the time schedule specified by the Purchaser 2.26.2 If at any time during performance of the Contract, the Supplier or its sub-contractor(s) should encounter conditions impeding timely delivery of the Goods and performance of Services, the Supplier shall promptly notify the Purchaser in writing of the fact of the delay, it's likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may, at its discretion, extend the Supplier's time for performance with or without penalty, in which case the extension shall be ratified by the parties by amendment of the Contract.

  Except as provided under the Force Majeure clause of the GCC, a delay by the Supplier in performance of its delivery obligations shall render the 2.26.3 Supplier liable to the imposition of penalty pursuant to Penalty Clause of the GCC unless an extension of time is agreed upon pursuant to above clause without the application of penalty clause. 2.27 PENALTY CLAUSE 2.27.1 Subject to GCC Clause on Force Majeure, if the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Purchaser shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as penalty, a sum equivalent to the percentage specified in SCC of the delivered price of the delayed Goods or unperformed Services or contract value for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the Percentage specified in SCC. Once the maximum is reached, the Purchaser may consider termination of the Contract pursuant to GCC. Clause on Termination for Default. The SCC shall also indicate the basis for ascertaining the value on which the penalty shall be applicable **TERMINATION FOR DEFAULT** 2.28. 2.28.1 The Purchaser may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the Supplier, terminate the Contract in whole or part If the Supplier fails to deliver any or all of the Goods within the period(s) specified in the contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause on Extension of Time; or If the Supplier fails to perform any other obligation(s) under the Contract.

  If the Supplier, in the judgment of the Purchaser has engaged in corrupt or fraudulent or collusive or coercive practices as defined in (c)
  - GCC Clause on Fraud or Corruption in competing for or in executing the Contract.

    In the event the purchaser terminates the contract in whole or in part, he may take recourse to any one or more of the following action:
  - 2.28.2

    - The Performance Security is to be forfeited;
      The purchaser may procure, upon such terms and in such manner as it deems appropriate, stores similar to those undelivered, and the supplier shall be liable for all available actions against it in terms of the contract. However, the supplier shall continue to perform the contract to the extent not terminated.

2.29 FORCE MAJEURE 2.29.1

- Notwithstanding the provisions of GCC Clauses relating to extension of time, penalty and Termination for Default the Supplier shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that, it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
- 2.29.2
- fallure to perform its obligations under the Contract is the result of an event of Force Majeure. For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes. If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof within 21 days of its occurrence. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event. If the performance in whole or in part or any obligations under the contract is prevented or delayed by any reason of force majeure for a period exceeding 60 days, either party may at its option terminate the contract is prevented or delayed by any reason of force majeure for a period exceeding 60 days, either party may at its option terminate the contract is prevented or delayed by any reason of force majeure for a period 2.29.3 2.29.4
- exceeding 60 days, either party may at its option terminate the contract without any financial repercussions on either side.

TERMINATION FOR INSOLVENCY 2.30

- The Purchaser may at any time terminate the Contract by giving written notice to the Supplier, if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any 2.30.1 right of action or remedy, which has accrued or will accrue thereafter to the Purchaser.
- 2.31.1
  - The Purchaser, by written notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.
- 2.31.2 The Goods those are complete and ready for shipment within 30 days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:
  (a) To have any portion completed and delivered at the Contract terms and prices; and/or
- To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and for materials and parts previously procured by the Supplier.
- 2.32.1
- SETTLEMENT OF DISPUTES

  The Purchaser 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 Purchaser or
- 2.32.2 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.

2.32,3

The dispute settlement mechanism/arbitration proceedings shall be concluded as under:

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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 Chairman, Board of Governors of IISER TVM and if he is unable or unwilling to act, to the sole arbitration of some other person appointed by him willing to act as such Arbitrator. The award of the arbitrator so appointed shall be final, conclusive and binding on all parties to this order.

(b) In the case of a dispute between the purchaser and a Foreign Supplier, the dispute shall be settled by arbitration In accordance with provision of sub-clause (a) above. But if this is not acceptable to the supplier then the dispute shall be settled in accordance with provisions of UNCTRAL (United Nations Commission on International Trade Law) Arbitration Rules.

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

2.32.5Notwithstanding any reference to arbitration herein.

the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and the Purchaser shall pay the Supplier any monies due the Supplier.

GOVERNING LANGUAGE 2.33

The contract shall be written in English language which shall govern its interpretation. All correspondence and other documents pertaining to the Contract, which are exchanged by the parties, shall be written in the English language only. 2.33.1

2.34.1 The Contract shall be interpreted in accordance with the laws of the Union of India and all disputes shall be subject to place of jurisdiction as specified in SCC.

2.35 NOTICES 2.35.1

2.32.4

2.37

Any notice given by one party to the other pursuant to this contract/order shall be sent to the other party in writing or by cable, telex, FAX, e-mail or and confirmed in writing to the other party's address specified in the SCC.

2.35.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.

**2.36** 2.36.1 TAXES AND DUTIES

For goods manufactured outside India, the Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside India. 2.36.2

For goods Manufactured within India, the Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred till its final manufacture/ production. 2.36.3

If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in India, the Purchaser shall make its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent. RIGHT TO USE DEFECTIVE GOODS

2.37.1

If after delivery, acceptance and installation and within the guarantee and warranty period, the operation or use of the goods proves to be unsatisfactory, the Purchaser shall have the right to continue to operate or use such goods until rectifications of defects, errors or omissions by repair or by partial or complete replacement is made without interfering with the Purchaser's

2.38 PROTECTION AGAINST DAMAGE 2.38.1

The system shall not be prone to damage during power failures and trip outs.
The normal voltage and frequency conditions available at site as under:

(a) Voltage 230 volts – Single phase/ 415 V 3 phase (+\_ 10%)

Frequency 50 Hz.

2.39.

(b) Frequency 30 Hz.

SITE PREPARATION AND INSTALLATION

The Purchaser is solely responsible for the construction of the equipment sites in compliance with the technical and environmental specifications defined by the Supplier. The Purchaser will designate the installation sites before the scheduled installation date to allow the Supplier to perform a site inspection to verify the appropriateness of the sites before the installation of the Equipment, if required. The supplier shall inform the purchaser about the site preparation, if any, needed for installation, of the goods at the purchasers' site immediately after notification of award/contract.

[IN-CHARGE] [PURCHASE & STORES] IISERTVM





# MODEL BANK GUARANTEE FORMAT FOR FURNISHING BID SECURITY (BS)

Whereas
has submitted their offer datedfor the supply of
(hereinafter called the
"tender") against the Purchaser's tender enquiry No
KNOW ALL MEN by these presents that WE
of having our registered office at
(hereinafter called the "Purchaser) in
the sum offor which
payment will and truly to be made to the said Purchaser, the Bank binds itself, its
successors and assigns by these presents. Sealed with the Common Seal of the
said Bank this day of20

## THE CONDITIONS OF THIS OBLIGATION ARE:

- 1) If the tenderer withdraws or amends, impairs or derogates from the tender in any respect within the period of validity of this tender.
- 2) If the tenderer having been notified of the acceptance of his tender by the Purchaser during the period of its validity:
  - a) If the tenderer fails to furnish the performance security for the due performance of the contract.
  - b) Fails or refuses to accept/execute the contract.

We undertake to pay the Purchaser up to the above amount upon receipt of its first written demand, without the purchaser (IISER-TVM) having to substantiate its demand, provided that in its demand the purchaser will note that the amount claimed by it is due to it owing the occurrence of one or both the two conditions, specifying the occurred condition or conditions. This guarantee will remain in force up to and including 45 days after the period of tender validity and any demand in respect thereof should reach the bank not later than the above date.

Signature of the authorized officer of the bank

Name and designation of the officer

Seal, name and address of the Bank and address of the Branch.





### SPECIMEN

# PERFORMANCE SECURITY FORM MODEL BANK GUARANTEE FORMAT FOR PERFORMANCE SECURITY

To,

WHEREAS
(name and address of the supplier) (hereinafter called "the supplier") has undertaken, in pursuance
of contract no datedto supply (description of goods and
services) (herein after called "the contract").
services) (herein after called "the contract").  AND WHEREAS it has been stipulated by you in the said contract that the supplier shall furnish you with a bank guarantee by a scheduled commercial bank recognized by you for the sum specified therein as security for compliance with its obligations in accordance with the contract; AND WHEREAS we have agreed to give the supplier such a bank guarantee;  NOW THEREFORE we hereby affirm that we are guarantors and responsible to you, on behalf of the supplier, up to a total of
This guarantee shall be valid until the day of, 20
(Signature of the authorized officer of the Bank)
Name and designation of the officer
Seal, name & address of the Bank and address of the Branch
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