



TENDER DOCUMENT

FOR

Procurement of

Fuel Cell Test Station

ENTREPRENEURSHIP DEVELOPMENT CENTER
(VENTURE CENTER)
100, NCL Innovation Park, Dr. HomiBhabha Road,
Pashan, Pune – 411 008.

ENTREPRENEURSHIP DEVELOPMENT CENTER (VENTURE CENTER)

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Date: September 03, 2025

NOTICE INVITING TENDER

Venture Center strives to nucleate and nurture technology and knowledge-based enterprises by leveraging the scientific and engineering competencies of the institutions in the "Pune region" in India. The Venture Center is a technology business incubator specializing in technology startups offering products and services exploiting scientific expertise in the areas of materials, chemicals and biological sciences & engineering. EDC would like to procure the following equipment for its Protoshop facility. The Technical Specifications are given in **Chapter 4: Schedule of Requirements / Specifications and Allied Technical details** are appended herewith.

Item	5KW PEM Fuel Cell Test Station
Tender Reference No	EDC/H2CoE/2025-26/001
Pre-bid Conference Date & Time	September 09, 2025 02:30 pm – 03:30pm
Submission of Bids Due Date & Time	September 29, 2025, up to 02:00 pm
Opening of Technical Bids (Date & Time)	September 29, 2025 at 02:30 pm

Brief details of tender

EMD amount	Tender fee
Rs 6,00,000/-	Rs 2,500/-

Prospective BIDDERS may download the Tender Documents from EDC's website <https://www.venturecenter.co.in/tenders> and submit their offers to Entrepreneurship Development Center, 100, NCL Innovation Park, Dr. Homi Bhabha Road, Pashan, Pune – 411 008, India.

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CHAPTER-1

INVITATION FOR TENDER OFFERS

Entrepreneurship Development Center (EDC), Pune Invites tender for 5KW PEM Fuel Cell Test Station

1.1 The BIDDERS are requested to give detailed tender in two Bids i.e.

- a) Part - I: Technical Bid.
- b) Part - II: Commercial Bid.

1.2 The tender document can be downloaded from <https://www.venturecenter.co.in/tenders> and be submitted to the address given below so as to reach on or before September 29, 2025, up to 02:00 pm.

1.3 Supply means: "Supply, Installation, Commissioning and satisfactory demonstration of the whole items and training". If any charges extra are payable for Installation, Commissioning and training, the same should be specified in the commercial offer.

1.4 A Pre-bid conference will be held via video conferencing on September 09, 2025 from 02:30 PM to 03:30 PM (IST). The video conferencing link for the same will be shared to only those who register in advance on the provided link: (Registration link to participate in the pre-bid conference-[Link to register](#)). All prospective bidders are requested to kindly submit their queries to the address indicated above or email at anjan@web.venturecenter.co.in so as to reach latest by September 05, 2025 upto 04:00 pm. During Pre-bid meeting the answers / clarifications to the queries will be made available and also uploaded on our website. No additional queries will be entertained during and after the Pre-bid conference.

1.5 Two Bid System

The two bid system should be followed for this tender. In this system the BIDDER must submit his offer in **two separate sealed envelopes**. Both the technical bid and commercial bid envelopes should be securely sealed and stamped separately and clearly marked as "**Envelope No.1 – Technical Bid**" and "**Envelope No.2 – Commercial Bid**" respectively. Both the sealed envelopes should be placed in a third larger envelope. The main envelope which will contain both the bids should be super scribed with our tender enquiry EDC/H2CoE/2025-26/001 due on September 29, 2025 and to be submitted to the address given below so as to reach on or before September 29, 2025.

Entrepreneurship Development Center
100, NCL Innovation Park
Dr. Homi Bhabha Road
Pune - 411008
Phone: +91-8956457047

The envelopes must be super-scribed with the following information:

- Tender Reference Number
- Due Date
- Name of the Vendor

Envelope No. 1 : Shall contain “Technical Bid” and Earnest Money Deposit (EMD)

The technical offer should not contain any price information.

Technical Bid:

The Technical bid should comprise of the following:

- a) Compliance statement/questionnaire of tender terms and conditions as per Annexure- A
- b) Compliance statement of specifications as per Annexure- B
- c) Bid Security/EMD as per Annexure- C
- d) Manufacturer authorization as per Annexure –D
- e) Bidder Information Form as per Annexure –E
- f) Blacklist Certificate as per Annexure –F
- g) Important notice Annexure- G
- h) Solvency certificates (not older than twelve months) issued by Scheduled/Nationalized bank with which BIDDER holds the current account.
- i) Copy of GST/ PAN No. and TIN No. allotted by the concerned authorities. If registered with the National Small Industries Corporation, the registration number, purpose of registration and the validity period of registration and a copy of NISC/MSME registration wherever it is applicable should also be provided in Technical Bid.
- j) Technical literature/ leaflets and complete specifications of quoted model(s) along with commercial terms and conditions.
- k) Undertaking that the successful BIDDER agrees to give a security deposit amounting to 10% of the purchase order value by way of Demand Draft in favor of **Entrepreneurship Development Center** payable at Pune. This security deposit will not accrue any interest.
- l) In case of exemption from submission of Bid security, proof of registration with NSIC/MSME
- m) Details of supplies of similar equipment.
- n) Tender Fee & EMD and it is required to submit the same in original in a sealed envelope at the following address

Tender fee & earnest money deposit details

- a) Tender Fee of Rs. 2,500/- (Two Thousand Five Hundred Only) in the form of Demand Draft from Nationalized/Scheduled bank in favor of **“Entrepreneurship Development Center”**. 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. 6,00,000/-(Rupees Six Lakhs only) in the form of Bank guarantee (As per format enclosed as ANNEXURE-C or Demand Draft of a scheduled bank in the name of **“Entrepreneurship Development Center”** valid for 180 days from the date of opening of the tender. 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 BIDDER who submits the tender on behalf of their principals should produce documentary evidence in support of their authority to quote or submit proforma invoice of their principals. In case the BIDDER is not represented by any Indian Agent the Bank Guarantee valuing 7000 US \$. (Seven thousand US Dollars only) should accompany the Technical Bid towards EMD.
- II. In case of bids in Foreign Currency, the Indian Representative / dealers can submit the EMD in INR to **Entrepreneurship Development Center**, Pune without any relaxation.
- III. The Bank Guarantee is insisted due to steep fluctuations in foreign exchange hence the foreign DD's are not accepted towards EMD. Bids submitted without EMD will stand rejected. EMD will not be accepted in the form of cash /cheque. No interest is payable on EMD.
- IV. The EMD will be returned to the BIDDERS(s) whose offer is not accepted by Entrepreneurship Development Center, PUNE within one month from the date of the placing of the final order(s) on the selected BIDDER(s). In case of the BIDDER(s) whose offer is accepted the EMD will be returned on submission of Bank Guarantee as Security Deposit (SD). However, if the return of EMD is delayed for any reason, no interest / penalty shall be payable to the BIDDERS.
- V. The successful BIDDER, on 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.
- VI. The EMD shall be forfeited: In case a successful BIDDER fails to furnish the Security Deposit.

Commercial Bid:

The online envelope clearly marked as "Commercial Bid - Envelope No. 2" 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 the price for Equipment and software applicable for the **Not - for - profit (Section 8) R&D organizations/ Science and Technology Business Incubators**, 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:

- a. No request for extension of due date will be considered under any circumstances.
- b. 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

1.6 The technical bid should not contain any price information.

1.7 Specifications:

Specifications are basic essence of the product. It must be ensured that the offers must be strictly as per our specifications. At the same time it must be kept in mind that merely copying our specifications in the quotation shall not make the parties eligible for consideration of the quotation. A quotation has to be supported with the 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 technical leaflet/literature. Therefore the model quoted invariably be highlighted in the leaflet/literature enclosed with the quotation. Non-compliance of the above shall be treated as incomplete/ambiguous and the offer can be ignored without giving an opportunity for clarification/negotiation etc. to the quoting party.

1.8 Compliance Statements:

- a. 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.
- b. 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).
- c. The firms are advised to submit the compliance statement essentially along with their quotation failing which their offer may not be considered.

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

1.10 BID OPENING

- a) Technical Bids will be opened on September 29, 2025 at 2:30 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 via email or fax. EDC shall not be responsible for any postal delay.

1.9 Terms of the Technical Committee

- II. On the due date the Technical bids will be opened and referred to the Technical Committee which is duly constituted by the Director, EDC. 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.
- III. The technical evaluation will be an assessment of the Technical Bid. EDC 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, EDC will examine the information supplied by the BIDDERS, and shall evaluate the same as per the specifications mentioned in this tender.
- IV. The technical committee may formulate evaluation criteria in addition to the specifications and requirements indicated in the tender, in the interest of EDC and this criteria/recommendation will also form as a part of short-listing of the firms.
- V. 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 EDC and also call for Technical presentations from the BIDDERS if it is required so.
- VI. 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.
- VII. After the technical evaluation is completed and approved, EDC shall inform to the BIDDERS whose bids have been rejected technically with the reasons for rejection via E-mail. listed in Annexure E

The commercial offers of the vendors whose technical offers are found to be technically deficient or do not meet the qualification criteria as specified in this tender will be returned to them without opening along with their EMD.
- VIII. The successful BIDDERS will be informed regarding the date and time of Commercial bid opening via Email listed in Annexure E .
- 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. In the event of seeking any clarification from various BIDDERS by EDC, 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.

1.10 Opening of Commercial bid

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

- a) EDC 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) Selling exchange rate/equivalent to Indian currency will be as on the date of bid opening in the case of single bidding and the rate on the date of opening of the priced bids in the case of two-part bidding.
- c) **The bids shall be evaluated on the basis of final landing cost as per format given in Price Schedule in case of import / indigenous items.**
- d) The comparison between the indigenous and the foreign offers shall be made on FOB destination basis and CIF/CIP basis respectively. However the CIF/CIP prices quoted by any foreign bidders shall be loaded further as under :
 - Towards customs duty and other statutory levies-as per applicable rates.
 - Towards custom clearance, inland transportation etc. – 2% of the CIF/CIP value
- e) Where the price quoted on FOB/FCA and CIF/CIP basis are the same, the Contract would be made on CIF/CIP basis only.
- f) The Vague terms like “packing, forwarding, transportation etc. extra” without mentioning the specific amount/percentage of these charges will not be accepted. Such offers shall be treated as incomplete and rejected.
- g) After arriving at final pricing of individual offers of all the short listed firms, the lowest firm will be awarded with Contract/Purchase Order.
- h) The Integrity Pact is applicable against this tender. Therefore, please attach the Integrity Pact document duly signed along with your tender.

BID REJECTION / BID EVALUATION CRITERIA

The following clause will be applicable against this tender.

EDC shall be entering into an Integrity Pact with the BIDDERS as per format enclosed vide Chapter - 6 of the tender document. The proforma has to be returned by the BIDDER (along with the technical bid) duly signed by the same signatory who signed the bid, i.e., who is duly authorized to sign the bid.

Any bid not accompanied by Integrity Pact Proforma duly signed by the BIDDER shall be rejected straightway.

- 1.11 The Director, EDC reserves the right to buy the entire system from a single bidder or in parts from multiple bidders.
- 1.12 The Director, EDC reserves the right to accept the offer in full or in parts or reject summarily or partly.

CHAPTER-2

INSTRUCTIONS TO BIDDERS

2.1 PREPARATION AND SUBMISSION OF BID:

- 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-D.
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.
- 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.
- e) Before the deadline for submission of the bid, EDC 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 EDC website.
- f) Bids must be received by EDC before the time & date at address specified in the tender. In the event of specified date for the submission of bids being declared as a holiday for EDC, the bid-closing deadline will stand extended to the next working day. No communication is required in such cases, In the event of holiday on due date.
- g) EDC may extend this deadline for submission of bids; this will suitably be notified on the EDC website.
- h) EDC will not be responsible:
 - I. For delayed / late quotations submitted / sent by post / courier etc
 - II. For submission / delivery of quotations at wrong places other than the Reception of EDC.
 - III. Fax /E-mail /Telegraphic /Telex tenders will not be considered
 - IV. Any bid inadvertently received by EDC after the deadline i.e. due date & time for submission of bids, will not be accepted and returned unopened to the BIDDER.
- i) Conditional tenders will be summarily rejected.

2.2 Delivery Period / Timeliness:

The deliveries & installation must be completed within 90 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 EDC plans of completing the project within the time frame.

2.3 Security Deposit:

- 2.3.1 Within ten (10) days of the award of contract, the vendor shall furnish a Security Deposit amounting to 10% of the purchase order value in the form of Bank Guarantee (from Nationalised/Scheduled Bank only) favoring the **Entrepreneurship Development Center**.
- 2.3.2 EDC will forfeit the 10% security deposit if vendor fails to execute the order as per the Purchase Order.
- 2.3.3 This Security Deposit will be refunded to the vendor only on successful installation of the EQUIPMENT / SYSTEM.
- 2.3.4 The Security Deposit should be valid for a period of warranty period as we plan to extend the same as Performance Bank Guarantee.
- 2.3.5 Bank Guarantee wherever mentioned in this document may be read as "Bank Guarantee from any Scheduled Bank" only.

2.4 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.

2.5 Bid Validity Period:

- 2.5.1 Bids shall be valid for a period of 90 days from the date of opening the Technical bid.
- 2.5.2 EDC may ask for the BIDDER's consent to extend the period of validity. Such request and the response shall be made in writing only. The BIDDER is free not to accept such request without forfeiting the EMD. A BIDDER agreeing to the request for extension will not be permitted to modify his bid.
- 2.5.3 Bid evaluation will be based on the bid prices without taking into consideration the above corrections.

2.6 Award of Contract

- 2.6.1 EDC shall award the contract to the technically qualified eligible BIDDER whose bid has been determined as the lowest evaluated commercial bid.
- 2.6.2 If more than one BIDDER happens to quote the same lowest price, EDC reserves the right to award the contract to any BIDDER.

2.7 Purchaser's Right to vary Quantities at the time of Award

- 2.7.1 EDC reserves the right at the time of award of Contract to increase or decrease the quantity of items specified in the Schedule of Requirements without any change in price or other terms and conditions.
- 2.7.2 Firms which have already supplied similar equipment to EDC and have not completed required installation/commissioning/after sales service/ warranty replacements etc. Such firm offers will not be considered for further evaluation and no enquiries thereafter will be entertained.

2.8 Cargo Consolidation and Customs Clearance:

Order will be placed on CIF, Mumbai basis. So, the freight and insurance charges for the consignment will be part of the order. EDC has appointed its own Custom clearing Agent for all EDC imports, who will take care of customs clearance at Mumbai port. The address and contact details will be provided at the time of placing the Purchase Order

2.9 Fraud and Corruption:

EDC requires that the BIDDERS who wish to bid for this project have highest standards of ethics.

- 2.9.1 EDC will reject a bid if it determines that the BIDDER recommended for award has engaged in corrupt or fraudulent practices while competing for this contract.
- 2.9.2 EDC may declare a vendor ineligible, either indefinitely or for a stated duration, to be awarded a contract if it at any time determines that the vendor has engaged in corrupt and fraudulent practices during the execution of contract.
- 2.9.3 The terms set forth below are defined as follows:

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

“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, designed to establish bid prices at artificial, noncompetitive levels; and

“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.

2.10 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, EDC’s interpretation of the clauses shall be final and binding on all parties.**

CHAPTER - 3

CONDITIONS OF CONTRACT

3.1 Price

- 3.1.1 The price quoted shall be considered firm and no price escalation will be permitted.
- 3.1.2 BIDDER may bid in Foreign Currencies on behalf of their Principals or in INR.
- 3.1.3 The quotation should be only in Indian Rupees for indigenous items. In case of foreign quote, the vendors may quote their rates in Indian Rupees as well as in Foreign Currency.
- 3.1.4 In case of foreign currency bids, the price criteria should be on CIF, Mumbai basis.
- 3.1.5 Packing, forwarding, freight, insurance and commissioning charges, if any extra may be quoted separately in Commercial Bid.
- 3.1.6 In case your quote is Ex-works/FOB/FCA basis estimated insurance coverage charges may please be indicated.
- 3.1.7 CIF, Mumbai value both by Airfreight and Ocean freight.
- 3.1.8 In case of Foreign Quote, the mode of dispatch should be by Air Post/ Parcel/Ocean Freight/Air Freight and on Freight to-pay basis only. The approximate dimensions of the packages and weight of consignment are to be indicated.
- 3.1.9 In case of INR bids the price criteria should be on F.O.R. (i.e. free delivery to consignee's premises) at EDC. Govt. levies like GST shall be paid at actual rates applicable on the date of delivery. Rates should be quoted accordingly giving the basic price, and GST.
- 3.1.10 **EDC is registered with the Department of Scientific and Industrial Research (DSIR) for the purpose of availing Customs duty exemption under notification No.51/96 dated 23.07.1996.** Customs Duty, if any, should be shown separately. No other charges than those mentioned clearly in the quotation will be paid.

3.2 Bank Charges

All Bank charges inside India, including opening of LC, to EDC Account and outside India to Beneficiary's Account only. In case the BIDDER seeks confirmation of LC such confirmation charges are to the Beneficiary's account. This may please be noted and confirmed

3.3 Agency Commission & Services

- 3.3.1 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.
- 3.3.2 In case of foreign quote, the Principal supplier should clearly indicate the address of the Indian Agent and percentage (%) of Agency Commission and taxes if any payable to him. Such amounts will be paid in Indian Currency to the Indian Agent.
- 3.3.3 Details of services rendered by you as well as after-sales services offered by you are to be made clear in the tender.

3.4 Delivery Schedule

- 3.4.1 The BIDDERS may please note that the delivery of the system should be strictly within 2 months from the date of placement of firm order.
- 3.4.2 Goods should not be dispatched until the Vendor receives a firm order.

3.5 Security Deposit

The BUYER will forfeit the 10% security deposit if BIDDER 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 Multi angle light scattering detector.

3.6 Performance Bank Guarantee

The 10% Security Deposit which is mentioned above may be extended as Performance Bank Guarantee for the warranty period.

3.7 Performance Benchmarks

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

3.8 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 EDC 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.

Installation

- 3.8.1 BIDDER shall be responsible for installation / demonstration wherever applicable and for after sales service during the warranty and thereafter.
- 3.8.2 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.
- 3.8.3 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

3.9 Inspection

- 3.9.1 The inspection of the system will be done by our technical expert /scientist in the presence of firm's representative.
- 3.9.2 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 EDC Or CIF basis till satisfactory installation of the system.
- 3.9.3 The supplier should arrange for physical Inspection of the items directly or through their authorized representative within seven days of arrival of the consignment failing which they will be responsible for the losses. After the shipment is effected, the supplier/its representative/Indian agents must remain in touch with the EDC to ascertain the date of arrival of consignment.

3.10 Warranty / Support

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

3.10.2 The BIDDER shall assure the replacement, installation of any hardware update that occurs within 5 years from date of installation without any extra cost.

- 3.10.3 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, GST and other duties if any should be borne by the beneficiary or his agent. A clear confirmation should be given for this item.
- 3.10.4 The warranty on the associated software should cover providing of upgraded version/s, if any, released during the warranty period free of cost.
- 3.10.5 The BIDDER shall assure the supply of spare parts after warranty is over for maintenance of the equipment supplied if and when required for a period of 10 years from the date of supply of equipment on payment on approved price list basis.
- 3.10.6 The equipment must be supported by a Service Centre 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 contract the Principal's vendor support Centre on a toll free number/web/mail.
- 3.10.7 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.
- 3.10.8 The vendor will have to arrange for all the testing equipment & tools required for installation, testing & maintenance etc.
- 3.10.9 The principal vendor must have a local logistics support by maintaining a local spares depot in the country of deployment of the equipment. This is to ensure immediate delivery of spares parts from Principal Vendor of equipment to its channel partner/system integrator.
- 3.10.10 Details of onsite warranty, agency which 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.

3.11 Annual Maintenance Contract

- 3.11.1 The BIDDERS should also quote for Annual Maintenance Contract after warranty for subsequent years.
- 3.11.2 No sub-contracting will be allowed for installation or maintaining system/ equipment / instrument during or after warranty period.
- 3.11.3 Mention the charges for comprehensive maintenance contract separately in Commercial bid (for post warranty period).

3.12 Indemnity

The vendor shall indemnify, protect and save EDC 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 supplied by him.

3.13 Freight & Insurance

- 3.13.1 Imports : In case of imports, the freight & insurance charges will be part of the commercial bid.
- 3.13.2 Indigenous : The equipment 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 EDC site in case of Rupee transaction.

3.14 Payment

- 3.14.1 For Indigenous items, 90% payment shall be made against delivery, installation, commissioning and on acceptance as per Purchase Order at site and balance 10% shall be made after receipt of performance Bank Guarantee for 10% of the total order value to be valid till warranty period Year from date of installation and acceptance. If no Bank Guarantee is given, the balance 10% will be paid after assessing, after sales service during warranty period i.e. payment after warranty period.
- 3.14.2 For imported items, 90% payment shall be made by an Irrevocable Letter of Credit established in favour of the supplier through the ICICI Bank, Aundh Branch, Pune-411007 (India) for the order value, excluding the Agency Commission due to the Indian Agents, against the presentation of original Shipping documents. Balance 10% will be released after completion of satisfactory installation, commissioning, demonstration of the whole system, after imparting training and upon receipt of Bank Guarantee for 10% of total Order value towards performance security to be valid till warranty period from the date of installation. However Letter of Credit arrangement will be made for 100% order value.
- 3.14.3 The Agency Commission to the Indian Agent will be paid in INR only after successful installation, commissioning and satisfactory demonstration and acceptance of the items ordered for by the end user.
- 3.14.4 The payment of local currency portion shall be payable in equivalent Indian Rupees, within 30 days after the receipt of the equipment in good condition and after satisfactory installation and commissioning and demonstration.

3.15 Penalty for delayed Services / LD

- 3.15.1 As time is the essence of the contract, Delivery period mentioned in the Purchase Order should be strictly adhered to. Otherwise the EDC will forfeit EMD/SD and also LD clause will be applicable /enforced.
- 3.15.2 LD clause: 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.
- 3.15.3 EDC 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.

3.16 Jurisdiction

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

3.17 Force Majeure

EDC 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.

3.18 Arbitration

All disputes of any kind arising out of supply, commissioning, acceptance, warranty maintenance etc shall be referred by either party (EDC 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 EDC India. The jurisdiction of the courts shall be Pune, Maharashtra, India.

General Manager

EDC, PUNE

CHAPTER 4

SCHEDULE OF REQUIREMENTS, SPECIFICATIONS & ALLIED TECHNICAL DETAILS

Specifications for 5KW PEM Fuel Cell Test Station in Venture Center

Essential Capabilities and Performance characteristics

Aim: 5KW PEM Fuel Cell Test Station		
Application: The 5 kW PEM Fuel Cell Test Station shall be used for performance evaluation, durability testing, and optimization of fuel cell systems under controlled operating conditions.		
Sl. No	Parameter/Features	Specifications
Fuel Cell Stack Specifications (Supported by the System)-Essential Specifications		
1	Max Power Rating	5 kW (continuous)
2	Operating Voltage Range	0–150 V
3	Operating Current Range	0–300 A
4	Number of Cells	Up to 150 cells
5	Stack Operating Temperature	Up to 90 °C
6	Supported Modes	Constant Voltage, Constant Current, Constant Power
Fuel Supply Module		
7	Fuel Type	Hydrogen (H ₂)
8	Max Hydrogen Flow Rate	≥ 100 SLPM
9	Max Nitrogen Flow Rate	≥20 SLPM
10	Flow Accuracy	±0.8% of full scale
11	Operating Pressure Range	0–4 bar (adjustable)with Resolution: ≤0.01 bar andAccuracy: ±0.02 bar (or ±0.5% FS)
12	Humidification	RH 30% to 100% , Active, temperature-controlled bubble-type or membrane-type, with accuracy of ±2 %
13	Humidifier Temperature Range	Ambient to 90 °C, Accuracy: ±0.5°C
14	Backpressure Control	Electronically adjustable at outlet
15	Purge Valve	Solenoid-actuated; programmable
16	Hydrogen Leak Detection	Integrated sensor with interlock
Oxidant Supply Module		
17	Oxidant Type	Air (via compressor or lab air) or Oxygen

18	Max Air Flow Rate	≥ 350 SLPM
19	Max Air Nitrogen Rate	≥50 SLPM
20	Pressure Range	0–4 bar (adjustable)
21	Humidification	RH 30% to 100%, Active, independently controlled from fuel, with accuracy of ±2 %
22	Flow Control Accuracy	±0.8% of full scale
Cooling Module		
24	Cooling Type	Closed-loop liquid cooling (DI water/glycol)
25	Temperature Range	Ambient to 90 °C
26	Temperature Accuracy	±0.5 °C
27	Flow Rate Range	0–10 LPM
28	Pump Type	Variable speed, corrosion-resistant
29	Coolant Reservoir	≥ 5 litres
30	Chiller	Nominal cooling capacity: ≥ 5 kW Setpoint range (coolant outlet to stack): 20–85 °C (user-selectable)
Electrical Load		
31	Max Load Capacity	300 A, 150 V , 5kW
32	Load Type	Programmable Electronic DC Load
33	Load Control Modes	Constant Voltage, Constant Current, Constant Power, Constant Resistance
34	Load Resolution	Voltage: 1 mV, Current: 100 mA
Data Acquisition & Control System (DAQ)		
37	DAQ Interface	PC-based; software + manual controls
38	Communication	USB / Ethernet
39	Parameters Logged	Voltage, Current, Stack Temp, Cell Temp, Fuel/Air Flow, Pressure, Humidity, Coolant Temp, and other important parameters
40	Logging Interval	0.1 - 10 Hz, user-configurable
41	Software Features	Real-time visualization, trend logging, alarm configuration, fully programmable
42	Data Export Format	.csv, .xls, .tdms, etc.
Sensors and Instrumentation		
43	Voltage measurement	Stack voltage + optional individual cell measurement (up to 150 cells)
44	Current Measurement	Shunt-based or Hall-effect sensor
45	Temperature Sensors	RTD or Thermocouple (Type K/PT100), ≥ 8 points (At least 8 independent temperature measurement channels.) Example: 2 on anode gas inlet & outlet, 2 on cathode gas inlet & outlet, 2 on humidifier inlets/outlets, 2 on coolant inlets/outlets
46	Pressure Sensors	Digital, range 0–5 bar, accuracy ±1%
47	Flow Sensors	Thermal type
48	Humidity Sensors	accuracy ±2% RH, range 0–100% RH (Hydrogen & air feed lines)

Mechanical and Utilities		
49	Frame	SS/Aluminum powder-coated frame with castors
50	Dimensions (approx.)	≤ 2.5m2
51	Power Supply	230 V AC, 50 Hz, single phase
52	Hydrogen Inlet	Standard fittings (safety compliant)
53	Air/O ₂ Inlet	Standard fittings (safety compliant)
54	Coolant Inlet/Outlet	3/8" or 1/2" hose barbs
55	Operating Environment	Indoor, ambient temp: 20–30 °C, RH < 70%
Safety Features		
56	Hydrogen leak detection with auto shutdown	
57	Over-temperature protection for stack, coolant, humidifier	
58	Over-current and over-voltage protection	
59	Emergency stop button	
60	Pressure relief valves at all gas lines	
61	Electrical interlocks and software-based alarm system	
62	Leak Test	Helium leak test with report.
63	Ventilation interface port	
Documentation Requirement		
64	User Manual: A detailed and comprehensive user manual covering installation, operation, safety precautions, and maintenance shall be provided.	
65	Guides: The vendor shall supply all relevant guides, including but not limited to troubleshooting, error handling, access privilege matrix, and administrative control manuals.	
66	Compliance Certificates: The vendor must provide all relevant compliance certificates and calibration certificates traceable to NABL/NIST or equivalent standards, supported by technical literature and website references.	
67	Qualification: IQ, OQ, PQ protocols should be provided for equipment qualification and software validation.	
Qualification Requirement and Vendor Support		
68	Qualification: Vendor should carry out IQ and OQ of equipment as well as software and provide support for PQ of the equipment and software.	
69	Calibration, Performance Verification: Recommendation for calibration and performance verification to be provided by vendor.	
70	AMC & CMC : Vendor should provide quote for AMC and CMC package after warranty period.	
71	Accessories, consumables & Kits Vendor should clearly define requirement of kits, consumables & kits required for IQ and OQ.	
72	Equipment Warranty: 5 years of comprehensive warranty to be provided.The vendor must explicitly list all parts, subsystems, and consumables covered under the warranty.	

73	Analysis software should be supplied with a lifetime license
Additional items	
Consumables: All suitable and relevant consumables required for the smooth installation, commissioning, operation, and maintenance of the equipment shall be provided by the supplier.	
Software and database: Latest compatible licensed software required for operation, calibration, and maintenance of the equipment (not from open access) shall be provided, with provision for future upgradation to support all mentioned applications. Any future upgradation shall be made available at no additional cost to the purchaser.	
Computers and accessories: The supplier shall provide the system with the latest compatible Microsoft Windows operating system and Microsoft Office software, and shall ensure that the space requirement is adequately met for smooth installation and operation.	
Others: Spare Kit: A complete spare kit at no additional cost shall be supplied. All other essential accessories required for the efficient functioning of the Fuel Cell Test Station shall be provided by the vendor. Optional Items: All relevant libraries, software modules, and analytical tools required for performance analysis, data logging, efficiency mapping, degradation studies, and statistical evaluation shall be supplied. Training Specifications: - Onsite installation, commissioning, and operator training shall be provided. - Provision of offsite training for specific application use-cases shall be included.	

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.

ALL THE BIDDERS SHOULD QUOTE THEIR OFFER IN FOLLOWING FORMAT FOR UNIFORMITY

PRICE SCHEDULE FOR GOODS - FOREIGN CURRENCY

Name of Bidder: _____

Tender No. _____

1	2	3	4	5	6		7		8		9
Sr. No.	Item Description	HSN code	Unit	Quantity	Unit Price		Total price		Charges for Insurance & transportation to port/ place of destination		Total Price (7+8)
					FOB (named port of shipment)	FCA (named place of delivery)	FOB (named port of shipment)	FCA (named place of delivery)	Ocean	Air	CIF (Mumbai)
1											
2											
3											
Total Bid Price											
Total Bid Price in words											

Note:

The Bidder may add rows as per requirement to include the prices of all Components/Parts, Warranties, Installation etc. whichever applicable.

- Indian agents name & address _____
- Installation, commissioning & training charges, if any _____
- Cost of Spares _____
- The Indian agent's commission shall paid in Indian Rupees only based on the Exchange Rate prevailing on the date of negotiation of documents.
- The cost of optional items shall be indicated separately.

PRICE SCHEDULE FOR GOODS – INR

Name of Bidder: _____

Tender No. _____

1	2	3	4	5	6	7	8	9	10	11	12
Sr. No.	Item Description	HSN code	Unit	Qty	Ex-Works. Ex- Warehouse, Ex-show room off the shelf price (inclusive of tax already paid)	Total Price Ex-Works. Ex- Warehouse, Ex-show room off the shelf price (inclusive of tax already paid) 5x6	GST payable, if contract is awarded	Packing & forwarding up to station of dispatch, if any	Charges of inland transportation, insurance up to EDC	Installation, Commissioning & training charges, If any.	Gross Total(FOR)
1											
2											
3											
Total Bid Amount											
Total Bid Amount in Words:											

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

CHAPTER – 6
PRE CONTRACT INTEGRITY PACT

The specimen of the Pre-Contract Integrity Pact which is part of tender documents is as follows:-

INTEGRITY PACT

This pre-bid pre-contract Agreement (hereinafter called the Integrity Pact) is made on ____ day of the month _____ 2019 between the Entrepreneurship Development Center, 100, Innovation Park, Dr. Homi Bhabha Road, Pune-411008 (herein after referred to as 'BUYER'), which expression shall mean and include, unless the context otherwise requires, his successors in office and assigns) of the First Part and M/s _____ represented by Shri/Smt _____ (hereinafter called the " BIDDER / Seller" , which expression shall mean and include, unless the context otherwise requires, his successors and permitted assigns) of the Second Part.

Whereas the BUYER proposes to procure High Resolution Multi angle light scattering detector and the BIDDER / Seller is willing to offer / has offered the stores and

Whereas the BIDDER is a private company/public company/partnership/ registered export agency, constituted in accordance with the relevant law in the matter and

the BUYER is a Technology Business Incubator (TBI) at NCL Innovation Park (part of NCL, a CSIR Lab).

Now, therefore,

To avoid all forms of corruption by following a system that is fair, transparent and free from any influence/unprejudiced dealings prior to, during and subsequent to the currency of the contract to be entered into with a view to:

Enabling the BUYER to obtain the desired said stores/equipment at a competitive price in conformity with the defined specifications by avoiding the high cost and the distortionary impact of corruption on public procurement, and

Enabling BIDDERS to abstain from bribing or indulging in any corrupt practice in order to secure the contract by providing assurance to them that their competitors will also abstain from bribing and other corrupt practices and the BUYER will commit to prevent corruption in any form by its officials by following transparent procedures.

The parties hereto hereby agree to enter into this Integrity Pact and agree as follows:

1 Commitments of the BUYER

- 1.1 The BUYER undertakes that no official of the BUYER, connected directly or Indirectly with the contract, will demand, take a promise for or accept, directly or through intermediaries, any bribe, consideration, gift, reward, favour or any material or immaterial benefit or any other advantage from the BIDDER either for themselves or for any person, organization or third party related to the contract in exchange for an advantage in the bidding process, bid evaluation, contracting or implementation process related to the Contract.
- 1.2 The BUYER will, during the pre-contract stage, treat all Bidders alike, and will provide to all Bidders the same information and will not provide any such information to any particular Bidder which could afford an advantage to that particular Bidder in comparison to other Bidders.
- 1.3 All the officials of the BUYER will report to the appropriate Government office any attempted or completed breaches of the above commitments as well as any substantial suspicion of such a breach
- 1.4 In case any such preceding misconduct on the part of such official (s) is reported by the Bidder to the BUYER, with full and verifiable facts and the same is prima facie found to be correct by the BUYER, necessary disciplinary proceedings, or any other action as deemed fit, including criminal proceedings may be initiated by the BUYER and such a person shall be debarred from further dealings related to the contract process. In such a case while an enquiry is being conducted by the BUYER the proceedings under the contract would not be stalled.

2 Commitments of BIDDER

The BIDDER commits himself to take all measures necessary to prevent corrupt practices, unfair means and illegal activities during any stage of its bid or during any pre-contract or post-contract stage in order to secure the contract or in furtherance to secure it and in particular commits himself to the following:

- 2.1 The BIDDER will not offer, directly or through intermediaries, any bribe, Consideration, gift, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the BUYER, connected directly or indirectly with bidding process, or to any person, organization or third party related to the contract in exchange for any advantage in the bidding, evaluation, contracting and implementation of the Contract.
- 2.2 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.
- 2.3 BIDDERS shall disclose the name and address of agents and representatives and Indian BIDDERS shall disclose their foreign principals or associates.
- 2.4 BIDDERS shall disclose the payments to be made by them to agents/brokers on any other intermediary, in connection with this bid/contract.
- 2.5 The BIDDERS further confirms and declares to the BUYER that the BIDDER is the original manufacturer/ integrator/ authorized Govt. sponsored Export entity of the stores and has not engaged any individual or firm or company whether Indian or foreign to intercede, facilitate or in any way to recommend to the

BUYER, or any of its functionaries, whether officially or unofficially to the award of the contract to the BIDDER; nor has any amount been paid, promised or intended to be paid to any such individual, firm or Company in respect of any such intercession, facilitation or recommendation.

- 2.6 The BIDDER, either while presenting the bid or during pre-contract negotiations or before signing the contract, shall disclose any payments he has made, is committed to or intends to make to officials of the BUYER or their family members, agents, brokers or any other intermediaries in connection with the contract and the details of services agreed upon for such payments.
- 2.7 The BIDDER will not collude with other parties interested in the contract to impair the transparency, fairness and progress of the bidding process, bid evaluation, contracting and implementation of the contract.
- 2.8 The BIDDER will not accept any advantage in exchange for any corrupt practice, unfair means and illegal activities.
- 2.9 The BIDDER shall not use improperly, for purposes of competition or personal gain, or pass on to others, any information provided by the BUYER as part of the business relationship, regarding plans, technical proposals and business details; including information contained in any electronic data carrier. The BIDDER also undertakes to exercise due and adequate care lest any such information is divulged.
- 2.10 The BIDDER commits to refrain from giving any complaint directly or through any other manner without supporting it with full and verifiable facts
- 2.11 The BIDDER shall not instigate or cause to instigate any third person to commit any of the actions mentioned above.
- 2.12 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.

3 Previous Transgression

- 3.1 The BIDDER declares that no previous transgression occurred in the last three years -immediately before signing of this Integrity Pact, with any other company in any country in respect of any corrupt practices envisaged herein or with any Public Sector Enterprise in India or any Government Department in India that could justify BIDDERS' exclusion from the tender process.
- 3.2 The BIDDER agrees that if it makes incorrect statement on this subject, BIDDER can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

4 Earnest Money/Security Deposit

- 4.1 While submitting commercial bid, the BIDDER shall deposit an amount of Rs. 6,00,000/- (Rs Six Lakhs Only) as Earnest Money/ Security Deposit with the BUYER through any of the following instruments:
 - I. Bank Draft or a Pay Order in favour of the BUYER payable at location of/specified by the BUYER.
 - II. A confirmed guarantee by an Indian Nationalized Bank/ Scheduled bank, promising payment of the guaranteed sum to the BUYER, on demand within three working days without any demur whatsoever and without seeking any reasons whatsoever. The demand for payment by the BUYER shall be treated as conclusive proof for payment.

- 4.2 The Earnest Money/Security Deposit shall be valid up to a period of 1 (one) year or the complete conclusion of contractual obligations to complete satisfaction of both the BIDDER and the BUYER, including warranty period, whichever is later.
- 4.3 In the case of successful BIDDER a clause would also be incorporated in the Article pertaining to Performance Bond in the Purchase Contract that the provisions of Sanctions for Violation shall be applicable for forfeiture of Performance Bond in case of a decision by the BUYER to forfeit the same without assigning any reason for imposing sanction for violation of this pact.
- 4.4 No interest shall be payable by the BUYER to the BIDDER(s) on Earnest Money/Security Deposit for the period of its currency.

5 Sanctions for Violation

- 5.1 Any breach of the aforesaid provisions by the BIDDER or any one employed by him or acting on his behalf (whether with or without the knowledge of the BIDDER) shall entitle the BUYER to take all or any one of the following action, wherever required:-
- I. To immediately call off the pre-contract negotiations without assigning any reason or giving any compensation to the BIDDER. However the proceedings with the other BIDDER(s) would continue.
 - II. The Earnest Money (in pre – contract stage and /or/ Security deposit/Performance Bond after the contract is signed) shall stand forfeited either fully or partially, as decided by the BUYER and the BUYER shall not be required to assign any reason therefore.
 - III. To immediately cancel the contract, if already signed without giving any compensation to the BIDDER.
 - IV. To recover all sums already paid by the BUYER, and in case of an Indian BIDDER with interest thereon at 2% higher than the prevailing Prime Lending Rate, while in case of a BIDDER from a country other than India with interest thereon at 2% higher than the LIBOR. If any outstanding payment is due by the BUYER to the BIDDER in connection with any other contract for any other stores, such outstanding payment could also be utilized to recover the aforesaid sum and interest.
 - V. To encash the advance bank guarantee and performance bond/warranty bond, if furnished by the BIDDER, in order to recover the payments, already made by the BUYER, along with interest,
 - VI. To cancel all or any other Contracts with the BIDDER. The BIDDER shall be liable to pay compensation for any loss or damage to the BUYER resulting from such cancellation/rescission and the BUYER shall be entitled to deduct the amount so payable from the money due to the BIDDER.
 - VII. To debar the BIDDER from participating in future bidding process of the Government of India for a minimum period of five years, which may be further extended at the discretion of the BUYER.

VIII. To recover all sums paid in violation of this pact by the BIDDER(s) to any middleman or agent or broker with a view to securing the contract.

IX. In cases where irrevocable Letters of Credit have been received in respect of any contract signed by the BUYER with the BIDDER, the same shall not be opened.

X. Forfeiture of Performance Bond in case of a decision by the BUYER to forfeit the same without assigning any reason for imposing sanction for violation of this Pact.

5.2 The BUYER will be entitled to take or any of the actions mentioned at para 6.1 (i) to (x) of the Pact also on the Commission by the BIDDER or any one employed by it or acting on its behalf (whether with or without the knowledge of the BIDDER), of an offence as defined in Chapter IX of the Indian Penal Code, 1860 or Prevention of Corruption Act 1988 or any other statute enacted for prevention of corruption.

5.3 The decision of the BUYER to the effect that a breach of the provisions of this Pact has been committed by the BIDDER shall be final and conclusive on the BIDDER. However, the BIDDER can approach the independent Monitors appointed for the purpose of the Pact.

6 Fall Clause

The Bidder undertakes that he has not supplied/is not supplying the similar systems or subsystems at a price lower than that offered in the present bid in respect of any other Defense/ Public Sector Undertakings/Public sector undertakings/Ministry of Defense and if it is found at any stage that the similar system or sub-system was supplied by the BIDDER to any other Defense Public Sector Undertakings/Public Sector Undertaking/Ministry of Defense at a lower price, then that very price, with due allowance for elapsed time, will be applicable to the present case and the difference in the cost would be refunded by the BIDDER to the BUYER, if the contract has already been concluded.

7 Facilitation of Investigation

In case of any allegation of violation of any provisions of this Pact or payment of commission, the BUYER or its agencies shall be entitled to examine all the documents including the Books of Accounts of the BIDDER and the BIDDER shall provide necessary information and documents in English and shall extend all possible help for the purpose of such examination.

8 Law and Place of Jurisdiction

This Pact is subject to Indian Law. The place of performance and Jurisdiction is Pune.

9 Other Legal Actions

The actions stipulated in this Integrity Pact are without prejudice to any other legal action that may follow in accordance with the provisions of the extant law in force relating to any civil or criminal proceedings

10 Validity

- 10.1 The validity of this Integrity Pact shall be from date of its signing and extend upto 5 years or till the complete execution of the contract to the satisfaction of both the BIDDER and the BUYER, whichever is later.
- 10.2 Should one or several provisions of this Pact turn out to be invalid; theremainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions

11 The Parties hereby sign this Integrity Pact at _____ on _____

BUYER

BIDDER

Name of the Officer

Designation

EDC Pune

Witness

Witness

1. _____

1. _____

2 _____

2 _____

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).

1	2	3	4
S. No	Terms & condition of Tender document	Whether acceptable (say 'Yes' or 'No' (preferably use different color ink for 'No')	Deviation from tender terms, if any, with reasons for noncompliance or alternative condition quoted for
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		
	c) Whether the agent is registered with NSIC/MSME		
2	Whether techno-commercial Bid contains EMD, technical literature/leaflets, detailed specifications & commercial terms & conditions etc. as applicable/		

3	a) Whether the required Scanned copy of Tender Fee & EMD is being submitted with the quotation		
	b) Please specify the form of EMD whether in the form of DD/bank guarantee or TDR/FDR (Please mention No., date & amount of EMD documents.) or Bid Security Format at Annexure –‘C’		
	c) Pre-receipted bill for refund of EMD is enclosed (for bank drafts only)		
4	a. If the prices are on Ex-Works basis or FOB (names port of shipment) or FCA (named place of delivery abroad)		
	b. 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 two 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		
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		
13	Do you agree to the submission of Performance Bank Guarantee and have you mentioned in your quotation about this.		
14	a) Do you agree with the payment terms for indigenous supplies?		No deviation permitted
	b) Do you agree with the payment terms for imports supplies?		
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 at Entrepreneurship Development Center, Pune, FREE OF COST.		
	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		
19	After Sales service		

20	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?		
21	Whether list of specific user's for the same item & model as quoted along-with performance certificates from the users is submitted with offer		
22	Whether you agree to the penalty clause for late delivery & installation?		
23	Whether training to our scientist/technical person will be given free of cost at supplier's site in India and abroad.		
24	a) Whether all the pages have been page numbered?		
	b) Whether quotation has been signed and designation & name of signatory mentioned.		

Annexure-B

FORMAT OF COMPLIANCE STATEMENT OF SPECIFICATIONS

[illegible]

Annexure-C

BID SECURITY FORM

Whereas _____¹(hereinafter called “ the BIDDER”) has submitted its bid dated _____(date of submission of bid) for the supply of _____(name and/or description of the goods)(hereinafter called “the Bid”).

KNOW ALL PEOPLE by these presents that WE _____ (name of bank) of _____(name of the country), having our registered office at _____(address of bank)(hereinafter called “the Bank”), are bound unto _____(name of Purchaser) (hereinafter called “the Purchaser”) in the sum of _____ for which payment will and truly to be made to the said Purchaser, the Bank binds itself, its successors, and assigns by these presents. Sealed with the Common Seal of the said Bank this _____ day of _____ 20_____. THE CONDITIONS of this obligation are:

1. If the BIDDER withdraws it’s bid during the period of bid validity specified by the BIDDER on the Bid Form; or
2. If the BIDDER, having been notified of the acceptance of it’s bid by the Purchaser during the period of bid validity:
 - a) fails or refuses to execute the Contract Form if required ; or
 - b) fails or refuses to furnish the performance security, in accordance with the Instruction to BIDDERS.

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

This guarantee shall remain in force up to one year after the period of the bid validity, and any demand in respect thereof should reach the Bank not later than the above date.

(Name of the signatory)

(Stamp of the Bank)

¹ Name of BIDDER

Annexure-D

MANUFACTURER'S AUTHORIZATION FORM

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

Date: [Insert date (as Month Day, and Year) of Bid submission]

Tender No.: [Insert number from Invitation for Bids]

To: [Insert complete name and address of Purchaser] .

WHEREAS

We [insert complete name of Manufacturer], who are official manufacturers of [Insert type of goods manufactured] having factories at [insert full address of Manufacturer's factories], do hereby authorize [insert complete name of Bidder] to submit a bid the purpose of which is to provide the following goods, manufactured by us [insert name and or brief description of the goods], and to subsequently negotiate and sign the contract.

We hereby extend our full guarantee and warranty in accordance with the Terms and Conditions of Contract with respect to the Goods offered by the above firm.

Signed: [insert signature(s) of authorized representative(s) of the Manufacturer]

Name: [insert complete name(s) of authorized representative(s) of the Manufacturer]

Title: [insert title]

Duly authorized to sign this Authorization on behalf of: [insert complete name of Bidder]

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

Annexure-E

BIDDER INFORMATION FORM

Company Name: _____

Registration Number: _____

Registered Address: _____

Name of Partners /Director: _____

City: _____

Postal Code: _____

DIN number of Director: -----

Company's Establishment Year: _____

Company's Nature of Business: _____

Company's Legal Status 1) Limited Company

(tick on appropriate option) 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

CONTACT DETAILS

Contact Name: _____

Email Id: _____

Designation: _____

Phone No: (____) _____

Mobile No: _____

PAN no/ Aadhar no/ Passport No _____

BANK DETAILS

Name of Beneficiary: _____

A/c. No.CC/CD/SB/OD: _____

Name of Bank: _____

IFSC No. (Bank) : _____

Branch Address and Branch Code: _____

Other Details

Vendor's PAN No. _____

Vendor's GST No/LST No/WCT No/TIN No: _____

Annexure-F

CERTIFICATE

(to be provided on letter head of the firm)

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

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

Date:

Authorized Signatory

Name:

Place:

Designation:

Contact No.:

Annexure-G

<u>IMPORTANT NOTICE</u>
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. EDC PUNE WILL PROCESS THE TENDER AS PER EDC 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. EDC 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 organization.

(Signature of the Tenderer)

(Name and address of the tenderer)

Checklist for BIDDERS

S.No.	Technical Bid (Envelope 1)	Document Attached (yes/no)
1.	Tender Fee of Rs.2500/-and EMD of Rs. 6,00,000/-	
2.	Format/Questionnaire for compliance as per Annexure-‘A’	
3.	Format of compliance statement of specification as per Annexure-‘B’	
4.	Bid security Form as per Annexure-‘C’ (as applicable)	
5.	Manufacturer’s Authorization Form as per Annexure-‘D’	
6.	Important Notice Format as per Annexure-‘G’	
7.	Bidder Information form as per Annexure-‘E’	
8.	Blacklist certificate as per Annexure-‘F’	
9.	Details of supplies of similar equipment.	
10.	List of deliverables as per Chapter-4	
11.	Solvency certificate for Rs 2,00,00,000/- (Rs. Two crore only)(not older than twelve months) issued by scheduled/nationalized bank with which BIDDER holds the current account	
12.	Undertaking that the successful BIDDER agrees to give a 10 % security deposit and Performance Bank Guarantee	
13.	Self-Attested copy of GST Number (as applicable)	
14.	Tender Terms & Conditions Acceptance signed with official seal is attached	
	Commercial Bid (Envelope 2)	
15.	Price bid	

(Signature of the Tenderer)

(Name and address of the Tenderer)