



भाकुअनुप—राष्ट्रीय पशुरोग जानपदिक एवं सूचना विज्ञान संस्थान
ICAR–National Institute of Veterinary Epidemiology and Disease Informatics
रामगोंडनहल्ली, येलहंका, बेंगलुरु – 560064
Ramagondanahalli, Post Box No: 6450, Yelahanka, Bengaluru – 560064
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**STANDARD ONLINE (E-PROCUREMENT MODE)
BIDDING DOCUMENTS FOR PURCHASE OF GOODS**

**Document to be submitted online
for
(Technical & Financial Bid as per Schedule of requirement)**



NOTICE INVITING ON-LINE TENDER

File No. 5-454/P&S/NIVEDI/2018-19/

Dated: 19-01-2019

National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI) is a public funded Research Organization under Indian Council of Agricultural Research, Department of Agricultural Research and Education, Ministry of Agriculture and Farmers Welfare, Government of India.

For and on behalf of the Secretary, ICAR, the Director, ICAR-National Institute of Veterinary Epidemiology and Disease Informatics, Bengaluru, India, invites in online e-tenders through the website [URL:http://eprocure.gov.in/eprocure/app](http://eprocure.gov.in/eprocure/app) under different bid systems as mentioned against each item from reputed Manufacturers/Dealers in the line for supply of the scientific equipments/item mentioned below:-

Sl. No.	Name of item	Quantity of purchase	EMD	Type of bid/ Cover system
1.	Inverted Microscope with photography unit	01 No	12,000	Two Bid System
2.	Shaker cum Incubator	01 No	10,000	Two Bid System
3.	Autoclave	02 Nos	24,000	Two Bid System
4.	CO2 Incubator	01 No.	12,000	Two Bid System
5.	Gradient Thermal Cyclor	02 Nos	18,000	Two Bid System
6.	U. V. Spectro photometer	01 No.	16,000	Two Bid System
7.	Biosafety cabinet	01 Nos.	12,000	Two Bid System
8.	Gel Documentation System	01 No.	12,000	Two Bid System
9.	Refrigerated centrifuge	01 No.	5,000	Single Bid System
10.	Ice Flaker	01 No.	4,000	Single Bid System
11.	Automated chromatography (Aktastart apparatus)	01 No.	40,000	Two Bid System
12.	Ultra Sonicator	01 No	8,000	Single Bid System
13.	Electrophoresis unit with power pack	01 No.	4,800	Single Bid System
14.	-20 Deep Freezer	01 No.	0	Single Bid System
15.	Elisa Reader	01 No.	15,000	Two Bid System

Custom duty exemption certificate (CDEC) will be issued only when the bid is quoted in foreign currency in case of foreign made goods only and meant for ICAR-NIVEDI, Bengaluru.

The following are the tender schedule:-

Tender ID (To be allotted by portal after uploading of tender)	Shall notify on the website of ICAR-NIVEDI www.nivedi.res.in
Tender Reference No.	File No. 5-454/P&S/NIVEDI/2018-19/ Dated: 19.01.2019
Date of release of Tender through e-procurement Portal	21.01.2019
Last date & time for submission of online bid	11.02.2019 13.00 hrs.
Date & time for opening of technical bid	12.02.2019 14.00 hrs.
Date & time for opening of financial bid	To be notified later.
Address for Communication	Director, ICAR-NIVEDI, Post Box No. 6450, Ramagondanahalli, Yelahanka, Bengaluru-560 064

IMPORTANT NOTES:-

1. Tender Documents can be downloaded from ICAR-NIVEDI website www.nivedi.res.in or from the Central Public Procurement Portal [URL:http://eprocure.gov.in/eprocure/app](http://eprocure.gov.in/eprocure/app) Bidders should enroll/register in the e-procurement module of Central Public Procurement Portal through the website: [URL:http://eprocure.gov.in/eprocure/app](http://eprocure.gov.in/eprocure/app) for participating in the bidding process. Bidders should also possess a valid Digital Signature Certificate (DSC) for online submission of bids.
2. **Bids received on e-tendering portal only will be considered. Bids in any other form sent through sealed cover/email/post/fax etc. will be rejected.**
3. ICAR-NIVEDI reserves the right to accept/reject any or all the tenders in part/full without assigning any reason thereof.
4. ICAR-NIVEDI will not be responsible for any delay in enrollment / registration as bidder or submitting /uploading the offer tender portal. Hence, bidders are advised to register in e-tendering website [URL:http://eprocure.gov.in/eprocure/app](http://eprocure.gov.in/eprocure/app) and enroll their Digital Signature Certificate and upload their quotation well in advance.
5. **Any change/corrigendum/extension of opening date in respect of this tender shall be issued through websites only and no press notification will be issued in this regard. Bidders are therefore requested to regularly visit our website for updates.**
6. The bidders need not upload the scan copy of signed tender documents, however they should upload the scanned copy of duly signed tender acceptance letter as per Section VII/6.
7. **WHILE UPLOADING BOQ FOR EACH EQUIPMENT PLEASE NOTE THE FOLLOWING POINTS CAREFULLY.**
(A) IF YOU CHOOSE FULL CONVERSION IN COL. 12 (L VALUE) , THEN THE VALUE (AMOUNT) MENTIONED IN COL.14 (N VALUE) WILL BE CONVERTED FULLY BASED ON THE SELECTED CURRENCY IN COL.12 (L VALUE), IF YOU CHOOSE PARTIAL CONVERSION, THEN THE VALUE (AMOUNT) MENTIONED IN COL.14 (N VALUE) WILL BE TAKEN AS INR.

10. THOSE FIRMS WHICH ARE QUOTING THEIR BIDS ON F.O.B. BASIS ONLY SHOULD NECESSARILY MENTION THE FREIGHT (SPECIFY AIR FREIGHT OR SEA FREIGHT) AND INSURANCE CHARGES IN THE TECHNICAL BID FOR COMPARING THE PRICE, FAILING WHICH THEIR BID IS LIABLE TO BE REJECTED STRAIGHTAWAY AND NO FURTHER CLARIFICATION FROM THE BIDDERS WILL BE SOUGHT.

11. SUBMISSION OF TECHNICAL BID INDICATING THE DETAILS OF MODEL, MAKE, PART NOS. WHICH THE BIDDER HAS CONSIDERED IN THEIR OFFER IS MANDATORY WITHOUT WHICH THE BID IS LIABLE TO BE REJECTED STRAIGHTAWAY.

Place: Bengaluru
Date: 19-1-2019

For Director

Administrative Officer



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INSTRUCTIONS TO THE TENDERERS

The tender shall be submitted in accordance with these instructions and any tender not confirming to the instructions as under is liable to be rejected. These instructions shall form the part of the tender and the contract.

1. For Online Bid Submission as per the directives of Department of Expenditure, this tender document has been published on the Central Public Procurement Portal ([URL:http://eprocure.gov.in/eprocure/app](http://eprocure.gov.in/eprocure/app)). The bidders are required to submit copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates.

More information useful for submitting the online bids on the CPP Portal is available/obtained at [URL:http://eprocure.gov.in/eprocure/app](http://eprocure.gov.in/eprocure/app)

For Registration

2. Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal ([URL:http://eprocure.gov.in/eprocure/app](http://eprocure.gov.in/eprocure/app)) by clicking on the link “Click here to Enroll”. Enrolment on the CPP Portal is free of charge.
3. Foreign Bidders have to refer “**DSC details for foreign Bidders**” for Digital signature Certificates requirements which comes under Download Tab at <http://eprocure.gov.in/eprocure/app?page=Standard Bidding Documents &service=page> and the remaining part is same as above and below.
4. The intending Tenderer, in case of Prime Equipment Manufacturers shall upload a self-declaration on their letter-head as PDF file in Cover-I of e-tender along with the tender documents confirming that they are regularly manufacturing, supplying, installing, testing & commissioning of the similar equipment for the last 2 years.
5. The intending Tenderer, in case of Authorized Distributor/ Authorized Dealer shall possess valid authorized Distributorship /Dealership license from Original Equipment Manufacturers. The tenderer shall enclose the copy of the same as PDF file in Cover-I of the e-tender while submitting the tender.
6. The equipment shall be in compliance with the specifications mentioned in Annexure – I of the tender and shall be of the latest technology, best quality and high standards.
7. Any optional accessories/ tooling, besides the standard equipment recommended for the better performance of the equipment, if offered, be provided with their full technical details including their use and advantage in a separate sheet with the tender documents. Warranty has to be provided for the equipment as mentioned in the specification against each equipment.

8. No extra payment shall be paid on account of any discrepancy in nomenclature of items.
9. **While submitting the tender, if any of the prescribed conditions are not fulfilled or are incomplete in any form, the tender is liable to be rejected. If any tenderer stipulate any condition of his own, such conditional tender is liable to be rejected.**
12. **Submission of technical bid indicating the details of model, make, Part Nos. which the bidder has considered in their offer is mandatory without which the bid is liable to be rejected straightaway.**
13. **Those firms which are quoting their bids on F.O.B. basis only should necessarily mention the freight (air freight or sea freight) and insurance charges in the Technical bid for comparing the price, failing which their bid is liable to be rejected straightaway and no further clarification from the bidders will be sought.**
14. The Technical Committee constituted by the Director, ICAR-NIVEDI shall have the right to verify the particulars furnished by the bidder independently.
15. Tenderer shall take into account all costs including installation, commissioning, cartage etc. for giving delivery of material at site i.e. ICAR-NIVEDI, Bengaluru before quoting the rates. In this regard no claim for any extra payment for any reason shall be entertained.
16. The item should be delivered at ICAR-NIVEDI, Bengaluru and the supplier shall be responsible for any damage during the transit of goods.
17. **All the tender documents & price bid to be uploaded as per this tender are to be digitally signed by the bidder.**
18. Director, ICAR-NIVEDI, reserves the right to reject any tender/bid wholly or partly without assigning any reason.
19. All the communications with respect to the tender shall be addressed to:

The Director,
ICAR-NIVEDI,
Post Box No. 6450,
Ramagondanahalli,
Yelahanka,
Bengaluru-560 064.



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1. Interested bonafide and reputed manufacturers/Indian agents (on behalf of their foreign principals) may **submit online bids separately for each equipment** along with all requisite documents/Bid Security.
2. **The Bidder(s) may note that ONLINE BIDS will ONLY be accepted. All the requisite supporting documents as mentioned in the bid document should and must be uploaded On-line <http://eprocure.gov.in/eprocure/app>. The Bids sent through FAX, E-mail, by hand and/or by post shall not be accepted/ processed, in any case.**
3. The bidders may submit duly filled and completed bidding document ONLINE as per instruction contained in the bidding documents. Incomplete bid shall be rejected. The conditions of tender shall be governed by the details contained in complete bid document.
4. In case, holiday is declared by the Government on the day of opening the bids, the bids will be opened on the next working day at the same time. The ICAR- NIVEDI, Bengaluru reserves the right to accept or reject any or all the tenders.
5. The detailed instruction for online submissions of bid(s) through e-procurement module of Central Public Procurement of NIC, the bidder(s) may visit following link:- <http://eprocure.gov.in/eprocure/app?page=HelpForContractors> & [service page](#).
6. **Bid Security (EMD):** The units registered with Central Purchase Organization (DGS&D), National Small Industries Corporation (NSIC) or the concerned Ministry or Department or Micro and Small Enterprises (MSEs) as defined in MSE Procurement Policy issued by Department of Micro, Small and Medium Enterprises (MSME) or Startups as recognized by Department of Industrial Policy & Promotion (DIPP) shall be exempted from the payment of Bid Security (Earnest Money Deposit) as defined under Rule 170(1) of General Financial Rules (GFR), 2017. In such case, copy of the certificate showing registration with the abovementioned institutions to be uploaded in Cover-I of the e-tender in PDF format. **The Indian Agents of foreign firms registered with DGS&D are not eligible for exemption from submission of Bid Security.**
7. In case the unit is not covered as above, it shall submit the offer along with the **Bid Security (EMD) for the amount mentioned against each equipment/Instrument.**
8. The Bid Security can be submitted in the form of Account Payee Demand, Fixed Deposit Receipt/Bankers cheque drawn in favour of “ICAR Unit - N I V E D I A / c ” p a y a b l e at Bengaluru. This has to be submitted to this office on or before **11.02.2019**. Bankers Cheque/Fixed deposit should be included in Cover-I of the E-tender. The offers without bid security will be rejected.

9. The EMD will be returned to the unsuccessful bidders after the orders are placed with the successful bidder.
10. The EMD will be forfeited if the bidder fails to accept the order based on his/her offer/bid or fails to supply the items.

Preparation of bids

1. Bidder should take into account any corrigendum published on the tender document before submitting their bids.
2. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers (**e-tender system**) in which the bid documents have to be submitted, the number of documents including the names and content of each of the document that need to be submitted. Any deviations from the same may lead to rejection of the bid.
3. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document/schedule and generally, they can be in PDF/ XLS/ RAR/DWF formats. Bid documents may be scanned with 100 dpi with black and white option.
4. To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use “**My Space**” area available to them to upload such documents. These documents may be directly submitted from the “**My Space**” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

SUBMISSION OF BIDS

- 1) Bidder should log into the site well in advance for bid submission so that he/she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 3) A standard BoQ format has been provided with the tender document to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their financial bid in the format provided and no other format is acceptable. The bidders are required to download the BOQ file, open it and complete the white coloured (unprotected cells with their respective financial quotes and other details (such as the name of the bidder) No other details should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the file name. If the BOQ file found to be modified by the bidder, the bid will be rejected.
- 4) The server time (which is displayed on the bidders’ dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- 5) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is

maintained using the secured Socket Layer128 bit encryption technology. Data storage encryption of sensitive fields is done.

- 6) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 7) Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- 8) Kindly add scanned PDF of all relevant documents in a single PDF file of compliance sheet.

ASSISTANCE TO BIDDERS

- 1) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority or the relevant contact person indicated in the tender.
- 2) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The contact number for the helpdesk is **18002337315**.

General Instructions to the Bidders

- 1) The tenders will be received online through <https://eprocure.gov.in/eprocure/app>. In the technical bids, the bidders are required to upload all the documents in pdf format.
- 2) Possession of a Valid Class II/III Digital Signature Certificate (DSC) in the form of smart card/e-token in the company's name is a prerequisite for registration and participating in the bid submission activities through <https://eprocure.gov.in/eprocure/app>. Digital Signature Certificates can be obtained from the authorized certifying agencies, details of which are available in the web site <https://eprocure.gov.in/eprocure/app> under the link "Information about DSC".
- 3) Tenderer are advised to follow the instructions provided in the "Instructions to the Tenderer" for the e-submission of the bids online through the Central Public Procurement Portal for e-Procurement at <http://eprocure.gov.in/eprocure/app>

KIND ATTENTION: FOR TAKING ASSISTANCE, IF ANY

CPP Portal website: www.eprocure.gov.in CPP Portal Help Desk Toll Free No.:18002337315, 180030702232 Mobile: 91+7878007972, 91+7878007973

Administrative Officer



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ONLINE BIDDING DOCUMENTS FOR PURCHASE OF GOODS

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INSTRUCTION TO BIDDERS (ITB)

A. INTRODUCTION

1. Source of funds

The expenditure to be incurred for this intended purchase will be met from the funds available with the purchaser named in the Schedule of requirements, hereinafter referred to as “the purchaser”.

2. Eligible bidders

2.1 This invitation for online bids is open to all suppliers, who fulfill the eligibility criteria as well as the Qualification criteria, incorporated in this document.

3. Cost of bidding

3.1 The bidder shall bear all costs associated with the preparation and submission of its online bid including samples, drawings, literatures etc. if any. The purchaser will in no case be responsible or liable any such cost regardless of the conduct or outcome of the online bidding process.

B. THE ONLINE BIDDING DOCUMENTS

4. Content of online bidding documents

4.1 The goods required, online bidding, procedures and contract terms are prescribed in the online bidding documents. In addition to the invitation for Online Bids, the online bidding documents include.

- a. Instruction to Bidders (ITB).
- b. General Conditions of Contract (GCC)
- c. Schedule of Requirements
- d. Technical specification and Quality Control Requirements
- e. Questionnaire
- f. Online Bid Form and Price Schedules
- g. Bank Guarantee Form for Bid Security.
- h. Manufacturers Authorization Form
- i. Prime Equipment Manufacturers Self-Declaration
- j. Bank Guarantee Form for Performance Security.
- k. Contract Form

- 4.2 In case of any contradiction between the stipulations made in ITB & GCC and Schedule of Requirements, the stipulations incorporated in the Schedule of Requirements will prevail over the corresponding stipulation contained in the ITB and/or GCC.
- 4.3 The bidder is expected to examine all instructions, forms, terms and specifications in the online bidding documents. Failure to furnish all information required by the online bidding documents or submission of a bid not substantially responsive to the bidding documents in every respect will be at the bidders risk and may result in rejection of its online bid.

5. Clarification of online bidding documents

- 5.1 A prospective bidder requiring any clarification in connection with the online bidding documents may notify the purchaser in writing or by email at the purchaser's mailing address (aaonivedi@icar.gov.in) or director.nivedi@icar.gov.in indicated in the **Schedule of Requirements**. The purchaser will respond in writing to any request for clarification of online bidding documents which it receives not later than 21 (twenty one) days prior to the deadline for submission of online bids prescribed by the purchaser. The purchaser, at its discretion, may send the relevant text of this correspondence (without identifying the source of inquiry) to all the prospective bidders, which have received the online bidding documents.

6. Amendment of online bidding documents

- 6.1 At any time prior to the deadline for submission of online bids, the purchaser may, for reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the online bidding documents by amendment.
- 6.2 The amendment will be notified in writing or by fax or email to all prospective bidders, which have received the online bidding documents and will be binding on them.
- 6.3 In order to provide the prospective bidders with reasonable time in which to take the amendment into account in preparing their online bids, the purchaser may, at its discretion, extend the deadline for the submission of online bids and other allied time frame having linkage with that deadline.

C. PREPARATION OF ONLINE BIDS

7. Language of online bid

- 7.1 The online bid submitted by the bidder and all correspondence and documents relating to the online bid exchanged by the bidder and the purchaser, shall be written in English Language, Supporting documents and printed literature furnished by the bidder may be written in other languages, provided they are accompanied by an English translation of their relevant passages in which case, for the purpose of interpretation of the online bid, the English translation shall govern.
- 7.2 The online bid submitted by the bidder and all correspondence and documents relating to the online bid exchanged by the bidder and the purchaser, may also be written in Hindi language, provided that the same is accompanied by an English translation shall govern.

8. Document constituting the online bid

- 8.1 The online bid submitted by the bidder shall comprise of the following documents.
- (a) Online bid form and a price schedule in accordance with ITB clauses 9, 10 and 11.

- (b) Documentary evidence established in accordance with ITB clause 13 that the bidder is eligible to online bid and is qualified to perform the contract if its online bid is accepted.
- (c) Documentary evidence established in accordance with ITB clause 14 that the goods and ancillary services to be supplied by the bidder conform to the ancillary services to be supplied by the bidder conform to the online bidding documents.
- (d) Bid security furnished in accordance with ITB clause.
- (e) The questionnaires (attached with the online bidding documents) duly filled in.

NOTE: An online bid which does not fulfill any of the above requirements and/or gives evasive information/reply against any such requirement, shall be liable to be declared non responsive and summarily rejected.

9. Online Bid Form

- 9.1 The bidder shall complete the online bid form and the appropriate price schedule furnished in the online bidding documents in section VII/1, indicating, inter alia for the goods to be supplied, a brief description of the goods, their country of origin, quantity and prices.

10. Online Bid prices

10.1 The Bidder shall indicate on the Price Schedule the unit price and total bid prices of the goods it proposes to supply under the Contract. To this end, the Bidders are allowed the option to submit the online bids for any one or more schedule specified in the **“Schedule of Requirement”** and to **Offer discounts for combined schedules. However, Bidders shall quote for the complete requirement of goods and services specified under each schedule on a single responsibility basis, failing which such bids (for the schedule in question) will not be taken into account for evaluation and will not be considered for award.**

10.2 Prices indicated in the online price schedule shall be entered separately in the following manner.

I. For goods offered from within India

- a) the price of the goods, quoted ex-factory, ex-showroom, ex-warehouse or off-the-shelf, as applicable, including customs, excise and any other duties and sales and other taxes already paid or payable on the components and raw materials used in the manufacture or assembly of the goods quoted ex-factory or on the previously imported goods of foreign origin quoted ex-showroom, ex-warehouse or off-the-shelf.
- b) Any sales or other taxes/duties including excise duty, which will be payable on the goods in India if the contract is awarded.
- c) Charges for inland transportation, insurance and other local costs incidental to delivery of goods to their final destination. The final destination is specified in the **schedule of requirements**.
- d) The price of incidental services as and if listed in **Schedule of Requirements**.
- e) Any element of cost, taxes, duties levies etc. not specifically indicated in the online bid, shall not be paid by the purchaser.

II For goods offered from abroad-

- a) The price of goods shall be quoted CIF port of entry in India or CIP named place of destination in India as and if specified in the **Schedule of Requirements**. In quoting the prices, the bidder shall use ocean transportation through Indian flag vessels of Indian origin or through vessels of Shipping Conference Lines in which India is a member country. Similarly, the bidder may obtain insurance services from any nationalized insurance company in India.
 - b) The online price of goods shall be quoted FOB port of shipment, as and if specified in the **Schedule of Requirements**.
 - c) Charges for inland transportation, insurance and other local costs incidental to delivery of the goods from the port of entry in India to their final destination, which is specified in the **Schedule of Requirements**.
 - d) The price of incidental services as and if listed in the **schedule of Requirements**.
 - e) Any element of cost, taxes, duties, levies etc not specifically indicated in the online bid, shall not be paid by the purchaser.
- 10.3 The terms FOB, CIF, CIP etc shall be governed by the rules and regulations prescribed in the current edition of INCOTERMS, published by the Chamber of Commerce, Paris.
- 10:4 The bidder's separation of the price components in accordance with ITB clause 10.2 above will be solely for the purpose of facilitating the comparison of online bids by the purchaser and will not in any way limit the purchaser's right to contract on any of the terms offered.
- 10.5 Prices quoted by the bidder shall remain firm and fixed during the currency of the contract and not subject to variation on any account, unless otherwise specified in the **Schedule of Requirements**. If the requirement is for a fixed price bid, an online bid submitted with an adjustable price quotation will be treated as non-responsive and rejected, pursuant to ITB clause 23.

11 Bid currencies

- 11.1** For domestic goods prices shall be quoted in Indian rupees only. Commission for Indian Agent, if payable, shall also be quoted in Indian Rupees only in a manner as specified in ITB Clause No.12.2. For imported goods prices shall be quoted either in Indian rupees or may be quoted in foreign currency (currencies) and the portion of the allied work and services, which are to be Undertaken in India (like installation & commissioning of equipment) are to be quoted in Indian currency.

12. Indian Agent

- 12.1 If a foreign bidder has engaged an agent in India in connection with its online bid it will be required to give the following information in the online bid:
- i) The name and address of the Indian agent with their permanent income tax number, GST No.
 - ii) The details of the services the agent will render.
 - iii) The amount of remuneration for the agent, included in the FOB component of the bid price.

12.2 The agency commission shall be indicated in the space provided for in the price schedule and will be paid to the bidders's agent in Indian rupees using the telegraphic transfer buying rate of exchange ruling on the date of award of contract and shall not be subject to any further exchange variation.

13. Documents establishing bidder's eligibility and qualifications

13.1 Pursuant to ITB clause 8, the bidder shall furnish, as part of its bid, documents establishing the bidder's eligibility to bid and its qualifications to perform the contract if its bid is accepted.

13.2 The documentary evidence of the bidders' qualifications to perform the contract if its online bid is accepted, shall establish to the purchaser's satisfaction:

- a) That, in the case of bidder offering to supply goods under the contract which the bidder did not manufacture or otherwise produce, the bidder has been duly authorized (as per authorization form in section VII/3) by the **good's** manufacturer or producer to supply the goods in India. **The Authorization Certificate should be from the "Manufacturer" only and certificate from any other firm/person including OEM arrangements would be not be accepted.**
- b) That the bidder has financial, technical and production capability necessary to perform the contract and, also, it meets the criteria indicated in the Schedule of Requirements.
- c) That, in the case of bidder not doing business in India, the bidder is or will be (if successful) represented by an agent in India equipped and able to carry out the Supply, maintenance, repair and spare parts stocking obligations prescribed by the conditions of contract and or technical specifications.
- d) That such an agent (w.r.t sub para c above) is enlisted with Directorate General of Supplies & Disposals, Jeevan Tara Building, Sansad Marg, New Delhi 110 001 under the scheme of Ministry of Finance, Govt. of India for compulsory enlistment of Indian agents.
- e) If an agent in its bid submits quotations on behalf of more than one manufacturer, it is necessary that each such bid is accompanied by a separate bid form and bid security for each such quotation and authorization from the respective manufacturer (as per authorization form in section VII/3). Otherwise all such quotations will be rejected as non-responsive.

14. Documents establishing good's eligibility and conformity to online bidding document.

14.1 **Pursuant to clause 8, the bidder shall furnish, as part of its online bid, documents establishing the eligibility and conformity to the bidding documents of all goods and services which the bidder proposes to supply under the contract.**

14.2 The documentary evidence for eligibility of the goods and services shall consist of a statement in the price schedule, about the country of origin of the goods and services offered which shall be confirmed by a certificate of origin issued at the time of shipment.

14.3 **The documentary evidence of conformity of the goods and services to the bidding documents may be in the form of literature, drawings, data etc. and shall consists of:-**

- a) A detailed description of the goods, essential technical and performance characteristics.
- b) A list giving full particulars, including available sources and current prices, of all spare

parts, special tools, etc., necessary for the proper and continuing functioning of the goods for a period of two years (or more, if specified in the schedule) following commencement of the use of the goods by the purchaser;

- c) **In case the bidder is quoting their offer on F.O.B basis, the cost of freight (Please specify Sea or Air) and insurance should be mentioned in their technical bid; and**
- d) **A clause – by- clause commentary on the purchaser’s “Technical Specifications” demonstrating substantial responsiveness of the goods and services to those specifications or a statement of deviations and exceptions to the provisions of the “Technical specifications”.**

14.4 For purposes of the commentary to be furnished to ITB clause 14.3 c above, the bidder shall note that the standards of workmanship, material and equipment and reference to brand names or catalogue numbers, if any designated by the purchaser in its "Technical Specifications" are intended to be descriptive only and not restrictive. The bidder may substitute alternative standards, brand names and/or catalogue numbers in its bid, provided that it demonstrates to the purchaser's satisfaction that the substitutions are substantially equivalent or superior to those mentioned in the "Technical Specifications".

15. Bid Security

- 15.1 Pursuant to clause 8, the bidder shall furnish as part of its online bid, a bid security of an amount specified in the Schedule of Requirements.
- 15.2 The bid security is required to protect the purchaser against risk of bidder's conduct, which would warrant the security's forfeiture, pursuant to ITB clause 15.7.

- 15.3 The bid security shall be denominated in the currency of the bid or in Indian Rupees and shall be in one of the following forms:
- a) The Bid Security can be submitted in the form of Demand Draft/Bankers cheque/Fixed Deposit receipt in favour of “ICAR Unit - N I V E D I A / c ” p a y a b l e at Bengaluru should be submitted to this office on or on or before the last date/time of filing/ submission of the bids on the portal. Name of the Tender and Tender reference number has to be furnished behind the EMD DD/Bankers cheque. The scanned copy of Earnest Money Deposit by way of Demand Draft/Bankers Cheque/Fixed Deposit receipt should be included in Cover-I of the E-tender. The offers without bid security will be rejected.
- 15.4 Any online bid from a bidder, not secured in accordance with ITB clauses 15.1 and 15.3 OR not supported with a valid NSIC Certificate for exemption of tender fee and EMD/Bid Security, will be summarily rejected by the purchaser, as non-responsive, pursuant to ITB clause 24.
- 15.5 Bid Security of unsuccessful bidders will be discharged/returned as promptly as possible after the expiration of the period of bid validity prescribed by the purchaser, pursuant to ITB clause 16, but barring any unforeseen circumstances, not later than 45 days of the award of contract.
- 15.6 The successful bidder’s bid security will be discharged/returned upon the bidder, signing and accepting the contract pursuant to ITB clause 33 and furnished the performance security, pursuant to ITB clause 34.
- 15.7 The bid security may be forfeited.
- a. If a bidder:
- i. Withdraws its online bid or impairs or derogates from the bid in any respect during the period of bid validity specified by the bidder on the bid form;
- OR**
- ii. does not accept the correction of errors pursuant to ITB clause 24.2
- b. in the case of successful bidder, if the bidder fails:
- i To accept and sign the contract in accordance with ITB clause 33.
- ii To furnish performance security in accordance with ITB clause 34.

16. Period of validity of Online bids

- 16.1 Online Bids shall remain valid for acceptance for **120** (One Hundred and twenty days) after the date of bid submission prescribed by the purchase, pursuant to ITB clause 19. A bid valid for a shorter period shall be rejected by the purchaser as non- responsive.
- 16.2 In exceptional circumstances, the purchaser may solicit the bidder’s consent to an extension of the period of bid validity up to a specified period. The request and the response thereto shall be made in writing (or by facsimile or cable or telex, which will be followed by a signed confirmatory copy simultaneously).The bid security provided under ITB clause 15 shall also be suitably, extended. A bidder may refuse the request without forfeiting its bid security. However, a bidder agreeing to the request will not be required nor permitted to modify its bid.
- 16.3 If the date up to which the bid is to remain valid happens to be a closed holiday for the purchaser, the bid shall automatically remain valid up to the next working day of that organization.

17. Format and signing of online bid

- 17.1 The bidder shall prepare the online bid by using the prescribed format of Bid document issued on the purchaser (NIVEDI).
- 17.2 The online bid shall be typed or written in indelible ink and shall be signed by the bidder or a person or persons duly authorized to bind the bidder to the contract. All pages of the online bid, including unamended printed literature, shall be submitted online in the shape of scanned copy by the person or persons signing the online bid.
- 17.2.1 Any interlineations, erasures or overwriting in the online bid shall be valid only if they are initiated by the persons signing the online bid.
- 17.2.2 The front page of the online bidding documents, containing the signature with date of the official (of the purchase organization) uploading the documents and the seal of that office must be submitted by the bidder online, failing which the online bid is liable to be ignored.

D. SUBMISSION OF ONLINE BIDS

- 18. Online Bids will be accepted **ONLY** through e-procurement portal **<http://eprocure.gov.in/eprocure/app>** of GOI/NIC. Bids sent by hand, Fax, e-mail or by post/ Offline shall not be accepted in any case, and will be rejected.

19. Deadline for submission of online bids

- Online Bids must be submitted by the bidder on the portal specified under ITB clause 18.3 not later than the time and date specified in the **Schedule of Requirements**.

- 19.2 The purchaser may at its discretion, extend this deadline for the submission of online bids by amending the bidding documents in accordance with ITB clause 6, in which case all rights and obligations of the purchaser and bidders previously subject to the deadline will thereafter be Subject to the deadline will thereafter be subject to the deadline as extended.

20. Late bids

- Any online bid received by the purchaser after the deadline for submission of online bids Prescribed by the purchaser, pursuant to ITB clause 19 will not be accepted.

21. Modification and withdrawal of online bids

- 21.1 The bidder may not modify its online bid after submitting the same.
- 21.2 No bid may be modified subsequent to the deadline for submission of online bids.
- 21.3 No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the bidder in the bid form. Withdrawal of a bid during this interval may result in forfeiture of the Bidder's bid security pursuant to ITB clause 15.7.

E. ONLINE BID OPENING AND ONLINE BID EVALUATION

22. Opening of online bids by purchaser

- 22.1 The purchaser will open the online bids on the date and time specified in the online bid documents. If the specified date of online bid opening is declared a holiday for the purchaser, the online bids shall be opened at the appointed time and location on the next working day.

23 Clarification of online bids

23.1 During scrutiny and evaluation of online bids, the purchaser may, at its discretion, ask a bidder for a clarification of its online bid. The request for clarification and the response shall be in writing and no change in the price or substance of the online bid shall be sought, offered or permitted.

24. Preliminary examination of online bids-unresponsive, substantially responsive & responsive bids

24.1 The purchaser will examine the online bids to determine whether they are complete, whether the required bid validity is available, whether any computational error have been made, whether required bid Security has been furnished, whether the documents have been properly signed, and whether the online bids are generally in order. While examining the online bids, the purchaser will also keep in view the requirements as per ITB Clause 8.

24.2 Arithmetical errors, if any, in an online bid will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected accordingly. If there is a discrepancy between the words and figures, the amount in words shall prevail. If the supplier does not accept the correction of such error, its online bid will be rejected.

24.3 Prior to the detailed evaluation pursuant to ITB clause 26, the purchaser will determine the substantial responsiveness of each online bid to the online bidding documents. A substantially responsive online bid is one which conforms to all the requirements and terms & conditions of the online bidding documents, including the specification and technical parameters of the goods as projected in the online bidding document, without material deviations. Deviations from or objections or reservations to the online bidding documents critical provisions, such as those concerning bid validity, technical specification, performance security, warranty obligations, Force Majeure, taxes & duties and applicable law (governing the contract) will be deemed to be material deviations. Bids from an agent without proper authorization from the manufacturer as per ITB clause 13.2(a), shall be treated as non-responsive.

The purchaser's determination of an online bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.

24.4 The purchaser may waive any minor infirmity, non-conformity or irregularity in a online bid, which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any bidder.

24.5 The conclusion drawn by the purchaser as to the substantial responsiveness or otherwise of a bid or consideration of a minor infirmity or non-conformity or irregularity in a bid is final.

24.6 If an online bid is determined as not substantially responsive, it will be rejected by the purchaser and may not subsequently be made responsive by the bidder by correction of the non-conformity.

25. Conversion to single currency

25.1 To facilitate evaluation and comparison of bids, the purchaser will convert all bid

prices expressed in the amounts in various currencies in which the bid prices are payable, to Indian rupees at the BC selling market rate of exchange established by the State Bank Of India for similar transactions as on the date of bid opening.

26. Evaluation and comparison of online bids

- 26.1 The purchaser will evaluate and compare the online bids, which have been determined to be substantially responsive, pursuant to ITB clause 24 for each **schedule separately**. The online bid for a schedule will not be considered if the complete requirements covered in the schedule is not included in the bid. However, as stated in ITB clause 10, bidders are allowed the option to bid for any one or more schedule and to offer discounts for combined schedules. These discounts will taken into account in the evaluation of the online bids so as to determine the online bid or combination of online bids offering the lowest evaluated cost for the purchaser in deciding award(s) for each schedule.
- 26.2 The comparison shall be on CIP destination basis, duly delivered and commissioned (as the case may be) at the destination.
- 26.3 The purchaser's evaluation of an online bid will include and take into account, in addition to online bid price and price of the incidental services:
- a) In the case of goods manufactured in India or goods of foreign origin already located in India, GST & other similar taxes and excise duty & other similar duties, which will be payable on the goods if a contract is awarded to the bidder.
 - b) In case of goods of foreign origin offered from abroad, customs duties and other similar import duties/taxes, which will be payable on the goods if the contract is awarded to the bidder.
- 26.4 The purchaser's evaluation of online bid will also take account the following factors in the manner and to the extend specified in the **Schedule of Requirements** and amplified in ITB clause 26.5:
- a. Cost of inland transportation, insurance and other costs within India incidental to delivery of the goods to their final destination as stipulated in the **Schedule of Requirements**.
 - b. Delivery schedule offered in the online bid,
 - c. the cost of components, spare parts and service,
 - d. the availability of spare parts and after-sale service in India for the goods offered
 - .
- in the online bid.

- e. The projected operating and maintenance cost during the life of the equipment.
- f. Specific additional criteria.

26.5 Pursuant to clause 26.4, following evaluation methods will be followed:

a) **Inland transportation, insurance and incidentals:**

Bidder shall quote separately for inland transportation, insurance and other incidentals for delivery of goods to required destination as already indicated in the **Schedule of Requirements**. These Costs, incurred in India, shall be quoted in Indian currency. Such cost will be added by the purchaser to the EXW/CIF/CIP bid price.

b) **Delivery Schedule :**

The purchaser requires that the goods mentioned in the „Schedule of Requirements“ shall be delivered at the destination within the time schedule specified therein. As and if necessary, the estimated time of arrival of goods from ex-works/port of entry to the destination will be calculated by the purchaser for each bid after allowing for reasonable transportation time based on the published tariff of Railways, appropriate Road Transport Agencies etc. Bids offering deliveries (as worked out on above lines), which are later than the specified delivery but within the allowable range (as specified in the **Schedule of Requirements**) will be adjusted during the evaluation by adding a factor equal to the percentage specified in the **Schedule of Requirements**, to the EXW/CIF/CIP price per week of variation from the specified delivery schedule.

c) **Cost of components and spare parts :**

- i) the list of items and quantities of major assemblies, components and selected spare parts, likely to be required during the initial period off operation as specified in the **Schedule of Requirements**, is annexed to the Technical specification. The total cost of these items, at the unit prices quoted in each online bid, will be added to the bid price.

OR

- ii) The purchaser will draw up a list of high usage and high value items of components and spare parts, along with the estimated quantities of usage in the initial period of operation as indicated in the Schedule of Requirements. The total cost of these items and quantities will be computed from the corresponding unit prices quoted by the bidder and added to the bid price.

- iii) The purchaser will estimate that cost of spare parts usage in the initial period of operation specified in the Schedule of Requirements, based on the information furnished by each bidder, as well as on the past experience of the purchaser or other purchaser in similar situations. Such costs shall be added in the bid price for evaluation.

d. Availability of spare parts and after sales service facilities in India:

The cost to the purchaser of establishing the required service facilities and parts inventories, as outlined in the Schedule of Requirements of elsewhere in the online bidding documents, if quoted separately, shall be added to the online bid price.

e. The projected operating and maintenance cost during the life of the equipment:

These costs, which form a major portion of the life cycle cost of the equipment, will be Evaluated in accordance with the criteria specified in the **Schedule of Requirements** and/or in the Technical Specifications.

f. Specific additional criteria:

Other specific additional criteria to be considered in the online bid evaluation and the corresponding evaluation method shall be incorporated in the **Schedule of Requirements** and/or in the Technical Specifications.

27. Bidder's capability to perform the contract

- 27.1 The purchaser will determine to its satisfaction whether the bidder, which is selected as having submitted the lowest evaluated responsive bid, is qualified and prima facie capable to perform the contract satisfactorily.
- 27.2 The determination will take into account the bidder's financial, technical and production capabilities for fulfilling all the requirements of the purchaser as specified in the online bidding documents. This exercise will be based upon the examination of the documentary evidence of the bidder's qualifications submitted by the bidder, pursuant to ITB clause 2 and 13, as well as such other allied information as the purchaser deems necessary and appropriate.
- 27.3 An affirmative determination will be a prerequisite for award of the contract to the bidder. A negative determination will result in rejection of the bidder's bid, in which event the purchaser will proceed to the next lowest evaluated bid to make a similar determination of the bidder's capabilities to perform satisfactorily.

28. Purchaser's right to vary quantities at the time of award.

- 28.1 The purchaser reserves the right at the time of awarding the contract to increase or decrease by up to 25%, the quantity of goods and services specified in the schedule of requirements without any change in the unit price or other terms and conditions.

29. Contacting the purchaser

- 29.1 From the time of the online bid opening to the time of awarding the contract, if a bidder wishes to contact the purchaser on any matter related to the online bid, it should do so in writing.
- 29.2 Any effort by a bidder to influence the purchaser in the purchaser's decision on online bid evaluation, bid comparison or contract award shall result in the rejection of the bidder's online bid, besides other suitable administrative actions against the bidder, as deemed fit by the purchaser.

F. AWARD OF CONTRACT

30 Award Criteria

- 30.1 Subject to ITB clause 28, the purchaser will award the contract to the successful bidder whose bid has been determined as the lowest evaluated bid, provided further that the bidder is determined to be qualified and prima capable to perform the contract satisfactorily.

31. Purchaser's right to accept any online bid and to reject any or all online bids

- 31.1 The purchaser reserves the right to accept or reject any online bid and to annul the bidding process and reject all online bids at any time prior to the award of contract, Without thereby incurring any liability, whatsoever, to the affected bidder or bidders.

32. Notification of award

- 32.1 Before the expiry of the period of bid validity, the purchaser will notify the successful bidder in writing, by registered letter or by cable/fax/telegram/telex, to be confirmed in writing by registered letter that its bid has been accepted. The schedule(s) of requirement and the corresponding quantity of the item(s) ordered, which has been accepted, will, inter-alia, be mentioned in the notification.
- 32.2 The notification of award will constitute the formation of the contract.
- 32.3 Upon the successful bidder's furnishing the performance security, pursuant to ITB clause 34, the purchaser will promptly notify each unsuccessful bidder and will discharge its bid security, pursuant to ITB clause 15.

33. Signing of contract

- 33.1 At the same time as purchaser notifies the successful bidder that its bid has been accepted, the purchaser will send to the bidder by registered post or speed post, the contract form provided in the bidding documents, incorporating all agreements between the parties.
- 33.2 Within twenty –one (21) days of issue of the contract from by the purchaser, the successful bidder shall sign and date the contract and return it to the purchaser by registered post or speed post.

34. Performance security

- 34.1 Within twenty-one (21) days of the issue of notification of award by the purchaser, the successful bidder shall furnish the performance security in accordance with and as per the instructions incorporated in the general conditions of contract with regard to performance security.
- 34.2 Failure of the successful bidder to comply with the requirement of clause 33 or clause 34 shall constitute sufficient grounds for annulment of the award and forfeiture of the bid security, in which event the purchaser may make the award to the next lowest evaluated bidder or call for new bids.

SECTION –III
GENERAL CONDITIONS OF CONTRACT (GCC)

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GENERAL CONDITIONS OF CONTRACT (G.C.C)

1. Definitions

1.1 In this contract the following terms shall be interpreted as indicated.

- a) “IFB” means invitation for bids
- b) “ITB” means Instruction to Bidders.
- c) “GCC” means General Conditions of Contract
- d) “RC” means Rate Contract
- e) “Contract” means a legal agreement entered into between the purchaser and the supplier, as recorded in the agreement signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
- f) “Contract Price” means the price payable to the supplier under a contract for the full and proper performance of its contractual obligations.
- g) “Goods” means all the items, materials, equipment and/or machinery, which the supplier is required to supply to the purchaser in terms of a contract.
- h) “Services” means the services ancillary to the supply of the goods, such as transportation and insurance and any other incidental services, such as installation, commissioning, provision of technical assistance, training and other such obligations of the supplier covered under contract.
- i) “Purchaser” means the buyer named in a bidding document and in the corresponding contract, purchasing the goods ordered and includes its successor and/or assignees.
- j) “Consignee” means the individual or body to whom the contracted goods are required to be delivered as per the terms and the conditions incorporated in a contract.
- k) “Supplier” means the individual or firm supplying the goods under a contract and includes its successor and/assignees.
- l) “Day” means calendar day of the Gregorian calendar.
- m) “Month” means calendar month of the Gregorian Calendar.

2. Application

2.1 These general conditions of contract (as contained in this section) shall apply to the extent they are not superseded by provisions in other parts of the contract:

3. Country of origin

3.1 All goods and services supplied under the contract shall have their origin in India or in the countries, with which the Government of India has trade relations.

3.2 For purposes of this clause, “Origin” means the place where the goods are mined, grown or produced or from which the services are supplied. Goods are produced when through manufacturing, processing and substantial or major assembling of components, a commercially recognized new product results that is substantially different in basic characteristics or in purpose or utility from its components.

3.3 The origin of goods and services is distinct from the nationality of the supplier.

4. Standards

4.1 The goods supplied under this contract shall conform to the standards mentioned in the Technical Specifications and when no applicable to the goods country of origin.

5. Use of contract documents and information

5.1 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 the performance of the contract. Also, disclosure to any such employed person shall be made in confidence and shall extend only as far as may be necessary for the purposes of such performance.

5.2 The supplier shall not without the purchaser's prior written consent, make use of any document or information enumerated in GCC sub clause 5.1 except for the purpose of performing the contract.

5.3 Every document other than the contract itself, mentioned in GCC sub-clause 5.1, 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.

6. Patent rights

6.1 The supplier shall at all times indemnify the purchaser, free of cost, against all third-party claims of infringement of patent, trade mark or industrial design rights arising from use of the goods or any part thereof in India.

7. Performance Security

7.1 Within 21(twenty one) days after the issue of notification of award by the purchaser the supplier, shall furnish performance security to the purchaser for an amount off 10% (ten per cent) of the contract value, valid upto 60 (sixty) days after the date of completion of all contractual obligations by the supplier, including the warranty obligations.

7.2 In the event of any correction of defects or a replacement of defective material during the warranty period, the warranty for the corrected/replaced material shall be extended to a further period of twelve months from the date of the correction/replacement and the Performance Security for the proportionate value (which will be determined by the purchaser in consultation with the supplier) shall be extended by 60 (sixty) days over and above the extended warranty period.

7.3 In the event of any contract amendment, the supplier shall, within 21 (twenty one) days of issue of such amendment, furnish the necessary amendment to the performance Security, rendering the same valid in all respects in terms of the contract as amended.

7.4 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.

7.5 The performance security shall be denominated in Indian Rupees or in the currency of the contract and shall be in one of the following forms:

- a) Cash in Indian currency,
- b) Demand Draft on any scheduled commercial bank in India, to be drawn in favour of the purchaser as indicated in the Schedule of Requirements.
- c) Bank Guarantee issues by a scheduled commercial bank in India, in the prescribed form as provided in section VII/4 of this bidding document.

7.6 Subject to GCC sub-clause 7.4 above, the performance security will be discharged by the purchaser and returned to the supplier on completion of the supplier's contractual

Obligations including the warranty obligations under the contract.

8. Inspection and tests

- 8.1 The purchaser and/or its nominated representative(s) shall have the right to inspect and/or to test the goods to confirm their conformity to the contract specification and other technical details incorporated in the contract at no extra cost to the purchaser. The **Schedule of Requirements** and the Technical Specification incorporated in the bidding document, shall specify what inspections and tests, the purchaser requires and where and how they are to be conducted. The purchaser shall notify, in advance, the supplier in writing, of the identity of any representative(s) for this purpose.
- 8.2 The inspections and tests may be conducted on the premises of the supplier or its subcontractor(s) at the point of delivery and/or at the goods final destination. If conducted on the premises of the supplier or its subcontractor(s), all details and production data, shall be furnished by the supplier to the inspectors at no charge to the purchaser.
- 8.3 Should any inspected or tested goods fail to conform to the required specifications and standards, the purchaser may reject them and the supplier shall either replace the rejected goods or make all alteration necessary to meet the specifications and standards, as required, as required, free of cost to the purchaser and resubmit the same to the purchaser For conducting the inspections and tests again.
- 8.4 Where the contract stipulates pre-dispatch inspection by the purchaser's nominated inspecting agency, the supplier shall put up the goods for inspection to the inspecting agency well ahead of time so that the inspecting agency is able to complete the inspection within the stipulated delivery period. If the goods are tendered for inspection at the last moment without providing reasonable time to the inspection agency for completing the inspection, the inspecting agency may carry out the inspection and complete the formality beyond the contractual delivery period at the risk and expense of the supplier. The fact that the items have been inspected after the contractual delivery period will not have the effect of keeping the contract alive and this will be without any prejudice to the legal rights and remedies available to the purchaser under the terms & conditions of the contract.
- 8.5 The purchaser's right to inspect, test and where necessary reject the goods after the goods arrival at the final destination shall in no way be limited or waived by reason of the goods having previously been inspected, tested and passed by purchaser or its representatives prior to the dispatch of the goods from the country of origin or from the supplier premises.
- 8.6 Nothing in GCC clause 8 shall in any way, release the supplier from any warranty or other obligations under the contract.

9. Packing

- 9.1 the supplier shall provide such packing of the goods as is required to prevent their damage or deterioration during their transit to their final destination as indicated in the contract. The packing shall be sufficient to withstand without limitation rough handling and exposure to extreme temperatures, humid weather and precipitation during transit and open storage. The sizes and weights of the packing cases shall also take into consideration, where applicable, the available inland mode(s) of transport in India, the remoteness of the goods final destination and the absence of heavy handling facilities at all points in transit Further limitations and / or mandatory instructions, if any, in the weights, volumes and sizes of the packages shall also be taken care of by the supplier.
- 9.2 The packing, marking and documentation within and outside the packages shall

comply strictly with such special requirements if any, as shall be expressly provided for in the contract, including additional requirements, if any, specified in the **Schedule of Requirements** and any subsequent instructions given by the purchaser.9.3 Packing instructions:

The supplier will be required to make separate packages for each consignee named in the contract. Each package will be marked by the supplier at its own expense, on three sides with indelible ink/paint, with following details:

- a) Contract no. and date
- b) Name and address of the consignee
- c) Name and address of the supplier
- d) Brief description of goods
- e) Gross weight and outer dimension of the package
- f) Country of origin of goods
- g) Packing list reference no. and
- h) Any other requirement, relevant to the contract.

10. Delivery of goods

- 10.1 Delivery of the goods shall be made by the supplier in accordance with the terms specified by the purchaser in the notification of award and in the contract.
- 10.2 For the purposes of the contract, “FOB”, “CIF”, “CIP” and other trade terms used to describe the obligations of the parties shall have the meaning assigned to them in the current edition of “Incoterms” which are international commercial shipping terms, published by International Chamber of Commerce, Paris, France.

11. Transportation

- 11.1. Where the supplier is required under the contract to deliver the goods F.O.B. transportation 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.
- 11.2. Where the supplier is required under the contract to deliver the goods CIF or C.I.P. transportation of the goods to the port of destination or such other specified place of destination in India, shall be mentioned in the contract, shall be arranged and paid for by the supplier and the cost thereof shall be included in the contract price.
- 11.3. Where the supplier is required under the contract to deliver the goods CIF or CIP within India, the supplier shall arrange the shipment by Indian flag vessels or vessels belonging to Conference lines in which India is a member. Where the supplier is required under the contract to deliver the goods F.O.B and also to arrange on behalf and the expense of the purchaser for ocean transportation on Indian flag vessels or Conference line vessels are not available to transport the goods within the time frame specified in the contract. However, before arranging such alternative transportation, the supplier shall obtain prior concurrence of the purchaser for the same.
- 11.4. The supplier shall not arrange part-shipments and/or trans-shipment without the prior written consent of the purchaser.
- 11.5. In case the supplier violates any of the aforementioned instructions, the supplier shall be liable for all consequences (including financial loss) that the purchaser may face due to such violations.

12. Insurance

- 12.1 The goods supplied under the contract, shall be fully insured in a freely convertible currency against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery as indicated below in this clause (viz. GCC clause).
- 12.2 Where delivery of the goods is required by the purchaser on CIF or CIP basis, the supplier shall arrange and pay for the cargo insurance, naming the purchaser as the beneficiary. Where delivery is on FOB basis, the insurance shall be the responsibility of the purchaser.
- 12.3 In the case of contract on CIF or CIP basis, the insurance shall be for an amount equal to 110% (one hundred and ten per cent) of the CIF or CIP value of the goods from “Warehouse” (final destination) on “all risks” basis including war risks and strikes.

13. Distribution of dispatch documents

- 13.1 The shipping and other documents as well as dispatch details to be furnished by the supplier to the purchaser and/or to the purchaser “s nominated authorities to enable the purchaser and/or its nominated authorities to clear and/or accept the goods will depend on the mode of dispatch of the goods and the terms of delivery, as specified in the Schedule of Requirements and in the contract and, subject to the same, the instructions in this regard will be as indicated below:

a) **For goods supplied from abroad :**

Within 24 hours of shipment, the supplier shall notify the purchaser and its nominated authorities (as specified in the contract) and the insurance company by cable or telex or fax, the full details of the shipment including contract number, description of goods, quantity, the vessel, the bill of lading number and date/airway bill number and date, port of loading, date of shipment, port of discharge, expected date of arrival at the port of entry etc. Further, the supplier shall also immediately dispatch by registered air-mail the specified number of copies of the following documents to the above authorities:

- i) Supplier’s invoice showing contract number, description of goods, quantity, unit price and total amount;
- ii) Original and copies of the negotiable, clean, on-board bill of lading marked freight to pay and copies of non-negotiable bill of lading;

OR

Original and copies of the negotiable Airway bill marked freight to pay and copies of non-negotiable airway bill.

In case the bidder’s offer is an FOB basis amount of Sea freight/insurance or airfreight/insurance should be mentioned in Technical bid for comparing the rates.

- iii) Copies of packing list identifying the contents of each package;
- iv) Insurance certificate;
- v) Manufacturer’s/supplier’s warranty certificate;
- vi) Pre-dispatch inspection certificate issued by the purchaser’s nominated inspection agency (if so specified) and the supplier’s factory inspection report; and
- vii) Certificate of origin.

The above documents shall be received by the purchaser and other authorities mentioned above at least one week before the arrival of goods at the port or place of arrival and, if not received, the supplier will be responsible for any consequent expenses.

b) For goods supplied from within India:

Within 24 hours of dispatch of the goods, the supplier shall notify the complete dispatch details to the purchaser and/or the purchaser's nominated authorities (as specified in the contract) and the insurance company. The supplier shall also mail the specified number of copies of the following documents to them:

- i) The supplier's invoice showing contract number, description of goods, quantity, unit price and the total amount;
- ii) Railway receipt or Delivery note;
- iii) Packing list identifying contents of each package;
- iv) Insurance certificate;
- v) Manufacturer's/Supplier's warranty certificate;
- vi) Pre-dispatch inspection certificate issued by the purchaser's nominated inspection agency (is so specified) and the supplier's factory inspection report; and
- vii) Certificate of origin.

The purchaser shall receive the documents at least one week before the arrival of the goods (except where it is handed over to the consignee with all the documents) and if not received, the supplier will be responsible for any consequent expenses.

The documents to be provided by the supplier for claiming payment are specified in GCC clause 17 ("Payment").

14. Incidental Services

14.1 The purchaser may include in the contract any or all following services and/or some additional services, if specified in the **Schedule of Requirements** and the supplier is required to provide the same:

- a) Performance or supervision of onsite assembly and/or start-up of the supplied goods,
- b) Furnishing of tools required for assembly and/or maintenance of the supplied goods,

- c) Furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied goods,
- d) Performance or supervision or maintenance and/or repair of the supplied goods, for a period of time agreed to by the parties, provided that this service shall not relieve the supplier of any warranty obligations under the contract, and
- e) Training the purchaser's personnel, at the supplier's plant and/or on site, in assembly, start-up, operation, maintenance and/or repair of the supplied goods.

14.2 Prices charged by the supplier for the above mentioned incidental services, if not included in the quoted price for the goods, shall be quoted separately in the bid itself and shall not exceed the prevailing rates, charged to other parties by the supplier for similar services.

15. Spare parts

15.1 As specified in the Schedule of Requirements, the supplier may be required to provide any or all of the following materials, notifications and information pertaining to spare parts manufactured and/or distributed by the supplier

- A) Such spare parts as the purchaser may elect to purchase from the supplier provided that this will 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 notice to the purchaser of the pending termination, in sufficient time to permit the purchaser to procure needed requirements and
 - ii) Immediately following such termination, furnishing at no cost to the purchaser, the blueprints, drawings and specifications of the spare parts, if requested.
- 15.2 Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spares for the goods. Other spare parts and components shall be supplied as promptly as possible but in any case within three months of placement of order and opening the letter of credit.

16. Warranty

16.1 The supplier warrants that the goods supplied under the contract is new unused of the most recent models and incorporate all recent improvements in design and materials unless provided otherwise in the contract. The supplier further warrants that the goods supplied under the contract shall have no defect arising from design, materials (except when the design adopted and/or the material used are as per the purchaser's specifications) or workmanship or from any act or omission of the supplier, that may develop under normal use of the supplied goods under the conditions prevailing in India.

16.2 This warranty shall remain valid for 12 (twelve) months **or for the period mentioned in the technical specification against each equipment,** after the goods or any portion thereof as the case may be, have been delivered to the final destination and installed and commissioned at the final destination and accepted by the purchaser in terms of the contract or for 18 (eighteen) months from the date of dispatch from the supplier's works for domestic goods or for 21 (twenty-one) months after the date of shipment from the port or place of loading in the source country for imported goods, whichever is earlier, unless specified otherwise in the Schedule of Requirements.

16.3 The purchaser shall promptly notify the supplier in writing of any claim arising under this warranty.

16.4 Upon receipt of such notice, the supplier shall with all reasonable (or within the period), if specified in the Schedule of Requirements and the contract), repair or replace the defective goods or parts thereof, free of cost, at the ultimate destination. The supplier shall take over the replaced parts/goods at the time of their replacement. No claim whatsoever shall lie on the purchaser for the replaced parts/goods thereafter.

16.5 In the event of any correction of a defect or replacement of any defective material during the warranty period, the warranty for the corrected/replaced material shall be extended to a further period of 12(twelve) months from the date, such corrected/replaced material starts functioning to the satisfaction of the purchaser.

16.6 If the supplier, having been notified, fails to remedy the defect(s) within a reasonable period, if specified in the Schedule of Requirements and the contract), the purchaser may proceed to take 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.

17. Payment

- 17.1 The payment shall be made in the currency/currencies specified in the contract. The supplier shall send its claim (with relevant documents, as required) to the appropriate paying authority as specified in the Schedule of Requirements and the contract. Before claiming any payment, the supplier shall ensure that all the contractual obligations for claiming that payment have been duly fulfilled.
- 17.2 The payment shall be made in the following manner and on production of the following documents.
- A) Payment for goods supplied from abroad:
- i) On shipment:**
90% of the contract price shall be paid through irrevocable letter of credit established in favour of the foreign supplier in a scheduled commercial bank in the supplier's country acceptable to the purchaser, upon submission of the following documents:
- a) Certified copy of the fax sent by the supplier to the purchaser and others as per GCC sub-clause 10.3(a).
 - b) Supplier's signed commercial invoice showing contract number, description of the supplier goods, corresponding quantity, unit price and the total value and name(s) of the name(s) of the consignee(s) for the supplied goods.
 - c) Original clean on board bill of lading marked freight pre-paid consigned to the interim/port consignee evidencing description of these goods, quantities, relevant details about the contract number etc.
 - d) Packing list, identifying contents of each package.
 - e) Insurance policy or certificate in duplicate endorsed in blank with claims payable in India in the currency of the letter of Credit.
 - f) Manufacturer's/supplier's warranty certificate and supplier's factory inspection report.
 - g) Pre-dispatch inspection certificate issued by the purchaser's nominated inspection agency, if so specified.
 - h) Certificate of origin.
 - i) Supplier's certificate confirming that the required documents have been sent to all concerned in terms of GCC sub-clause 10.3(a).
 - j) Supplier's certificate confirming that the amounts shown in the invoice are correct in terms of the contract and that all the terms and conditions of the contract have been complied with for claiming this payment.
 - k) Any other document(s) and/or modification of above documents specified in the **schedule of Requirements** and the contract.
- ii) On final acceptance**
10% of the contract price of goods received shall be paid within 30(thirty) days of receipt of goods on submission of the claim supported by the acceptance / installation / commissioning certificate issued by the purchaser or the purchaser's nominated representative.

OR

100% contract price shall be paid through wire transfer after satisfactory completion of supply and installation of the equipment.

iii) **Payment of agency commission:**

Payment shall be made in Indian rupees within 30 (thirty) days of presentation of claim supported by a certificate from the purchaser confirming that the goods have been delivered, full 100% payment has been made to the foreign supplier and all other contractual obligations, have been performed by the supplier and its agent for claiming this payment.

This payment (towards agency commission) will be made by the purchaser's paying authority specified in the contract and not through letter of credit.

B) Payment for goods supplied from India:

Payment shall be made in Indian rupees by the purchaser's paying authority, as specified in the contract (and not through letter of credit), in the following manner:

- i) 100% of the contract price shall be paid on receipt of the goods by the consignee and upon submission of following documents to the paying authority.
- a) The supplier's invoice showing contract number description of goods, quantity, unit price and the total amount.
- b) Railway receipt or Delivery note.
- c) Packing list identifying contents of each package.
- d) Insurance certificate;
- e) Manufacturer's/Supplier's warranty certificate.
- f) Pre-dispatch inspection certificate issued by the purchaser's nominated inspection agency, if so specified and the supplier's factory inspection report.
- g) Certificate of origin
- h) Provisional receipt certificate for the corresponding delivery, issued by the consignee and
- i) Any other document(s) and/or modification of above documents specified in the Schedule of Requirements and the contract.
- j) Final acceptance and installation / commissioning certificate for the corresponding delivery issued by the Purchasers representative.

C) Payment of incidental services and supervision:

The incidental services and supervision, if required separately, will be specified in the Schedule of Requirements and in the contract. The payment terms applicable for such services and supervision will also be specified therein.

17. Operation of the letter of credit:

- 3 i) The payments effected through letter of credit, shall be subject to the latest Uniform Customs and Practice for Documentary Credit of the International Chamber of Commerce.
- ii) If requested specifically by the supplier, the letter of credit will be confirmed but the cost for the same shall be charged to the suppliers account.
- iii) If the letter of credit is required to be extended/reinstated for reasons not attributable to the purchaser, the charges thereof shall be to the supplier's account.

18. Prices

- 18.1 Prices charged by the supplier for the goods supplied and the services performed under the contract shall not vary from the prices quoted by the supplier in its bid with the exception of any price adjustment authorized in the Schedule of Requirements.

19. Modification of contract.

- 19.1 The purchaser may at any time, by a written order given to the supplier pursuant to GCC clause 31, make changes and modifications within the general scope of contract in any one or more of the following:
 - a) Drawings, designs or specifications, where goods to be supplied under the contract are to be specifically manufactured for the purchaser,
 - b) the mode of packing
 - c) the mode of dispatch
 - d) the place of delivery
 - e) the services to be provided by the supplier, and/or
 - f) Any other area(s) of the contract, depending on the merits of the case.
- 19.2 If any change causes an increase or decrease in the cost of or in the time required for the supplier is performance of any provision under the contract, an both and the contract shall be amended accordingly. Any claim by the supplier for adjustment under this clause must be asserted within 21(twenty-one) days from the date of the supplies receipt of the purchaser's amendment/modification of the contract.
- 19.3 Subject to GCC sub-clauses 19.1 and 19.2 no variation in or modification of the terms of the contract shall be made except by written amendment signed by both the parties.

20. Assignment

- 20.1 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.

21. Sub Contracts

- 21.1 The supplier shall notify the purchaser in writing of all sub-contracts awarded under the contract, if not already specified in its bid. Such notifications, in its original bid or later, shall not relieve the supplier from any liability or obligation, whatsoever under the contract.
- 21.2 Subcontract shall be only for bought-out items and sub-assemblies.
- 21.3 Subcontracts must comply with the provisions of GCC clause 3.

22. Delays in the Supplier's performance

- 22.1 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 in the **“Schedule of Requirements”**.
- 22.2 Except as provided under GCC clause 25, any unexcused delay by the supplier in Maintaining its contractual delivery obligations shall render the supplier liable to any or all of the following sanctions:
“imposition of liquidated damages, forfeiture of its performance security and/or termination of the contract for default”.
- 22.3 If at any time during the performance of the contract, the supplier or its sub-contractor(s) should encounter conditions hindering timely delivery of the goods and performance of services, the supplier shall promptly notify the purchaser in writing of the fact of the delay, its likely duration and its cause(s). After the receipt of the supplier's notice, the purchaser as soon as practicable, shall evaluate the situation and may at its discretion extend the supplier's time for performance, in which case the extension of the delivery period shall be ratified by issuing an amendment to the contract.
- 22.4 The supplier shall not dispatch the goods after expiry of the delivery period. The supplier is required to apply to the purchaser for extension of delivery period and obtain the same before dispatch. In case the supplier dispatches the goods without obtaining an extension, it would be doing so at its own risk and no claim for payment for such supply and/or any other expense related to such supply shall lie against the purchaser.

23. Liquidated damages

- 23.1 Subject to GCC clause 25, if the supplier fails to deliver any or all of the goods or perform the services within the time period(s) specified in the contract, the purchaser shall without prejudice to its other remedies under the contract, deduct from the Contract price, as liquidated damages, a sum equivalent to 0.5% (half percent) of the delivered price of the delayed goods or unperformed services for each week of delay or part thereof until actual delivery or performance, up to a maximum deduction of 10% (ten percent) of the delayed goods or services contract price. Once the maximum is reached, the purchaser may consider
- 23.2 Termination of the contract, if the same have not been terminated already.
Further, during the above mentioned delayed period of supply and/or performance, the supplier, notwithstanding any stipulation in the contract for increase in price for any ground, shall not be entitled to any increase in price and cost, whatsoever, which take place during the period of delay. But, nevertheless, the purchaser shall be entitled to the benefit any decrease in price and cost on any ground during the period of delay.

24. Termination for default

- 24.1 The purchaser, without prejudice to any other remedy for breach of contract may by written notice of default sent to the supplier, terminate the contract in whole or in part, if the supplier fails to deliver any or all of the goods or fails to perform any other contractual obligation(s) within the time period specified in the contract, or within any extension thereof granted by the purchaser pursuant to GCC clause 22.
- 24.2 In the event the purchaser terminates the contract in whole or in part pursuant to GCC sub-clause.

24.1, The purchaser may procure, upon such terms and conditions and in such manner as it deems appropriate, goods and/or services similar to those undelivered and the supplier shall be

liable to the purchaser for any excess cost for such similar goods and/or services. However, the supplier shall continue to perform the contract to the extent not terminated.

25. Force Majeure

- 25.1 Notwithstanding the provisions of GCC clauses 22,23 and 24, the supplier shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that its delay in performance or other failure to perform its obligations under the contract is the result of an event of Force Majeure.
- 25.2 For purposes of this clause, “Force Majeure” means an event beyond the control of the supplier and not involving the supplier’s fault or negligence and not foreseeable. Such events may include, but are not restricted to acts of the purchaser in its Sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.
- 25.3 If a Force Majeure situation arises, the supplier shall promptly notify the purchaser in writing of such conditions and the cause thereof. Unless otherwise directed by the purchaser in writing, the supplier shall continue to perform its obligations under the contract as far as reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

26. Termination for insolvency

- 26.1 If the supplier becomes bankrupt or otherwise insolvent, the purchaser may terminate the contract by giving written notice to the supplier, without any Compassion to the supplier, provided, that such termination will not prejudice or affect any right of action or remedy which has accrued and/or will accrue thereafter to the purchaser.

27. Termination for convenience

- 27.1 The purchaser, by written notice sent to the supplier, may terminate the contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that the termination is for the purchaser’s convenience, the extent to which performance of the supplier under the contract is terminated, and the date with effect from which such termination becomes effective.
- 27.2 The goods that are complete and ready for shipment within 30 (thirty) 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
 - b) to cancel the remainder and pay to the supplier an agreed amount for partially completed goods and services and for materials and parts already procured by the supplier for fulfilling the contractual obligations.

28. Resolution of disputes

- 28.1 If any dispute or difference of any kind shall arise between the purchaser and the supplier in connection with or arising out of the contract, the parties shall make every effort to resolve the same amicably by mutual consultations.
- 28.2 If, after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the purchaser or the supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given.

28.3 Any dispute or difference, in respect of which a notice of intention to commence arbitration has been given in accordance with GCC sub-clause 28.2, shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the goods under the contract.

- 28.4. The dispute resolution mechanism to be applied pursuant to GCC sub-clause 28 shall be as follows:-
- a) In the case of a dispute or difference arising between the purchaser and the supplier relating to any matter arising out of or connected with the Contract such disputes or difference shall be settled in accordance with the Arbitration and Conciliation Act, 1996. The arbitral tribunal shall consist of three arbitrators, one each to be appointed by the purchaser and the supplier. The third arbitrator shall be chosen by the two arbitrators so appointed by the parties and shall act as presiding arbitrator. In case of failure of the two arbitrators appointed by the parties to reach upon a consensus within a period of thirty days from the appointment of the arbitrator appointed subsequently, the presiding arbitrator shall be appointed by the Indian Council of Arbitration or President of the Institution of Engineers (India).
 - b) The decision of majority of arbitrators shall be final and binding upon both the parties.
 - c) The cost and expenses of the arbitration proceedings will be paid as determined by the arbitral tribunal. However, the expenses incurred by each party in connection with preparation, presentation etc. of its proceedings as also fees and expenses paid to the Arbitrator appointed by such party or on its behalf shall be borne by each party itself.
- 28.5. However, where the value of the contract is Rs. 15 (Rupees one and half million) and below, the disputes or differences arising in it shall be referred to a sole arbitrator. The Sole arbitrator shall be appointed by mutual agreement between the parties. If the parties fail to agree on arbitrator within 30 (thirty) days from the days from the receipt of a Request by one party from the other party to so agree, the appointment shall be made upon request of a party, by the Indian Council of Arbitration or the President of the Institution of Engineers (India).
- 28.6 The venue of arbitration shall be the place from where the contract is issued.
- 29. Governing language**
- 29.1 The contract shall be written in English language. All correspondence and other documents pertaining to the contract, which the parties exchange, shall also be written in English.
- 30. Applicable law**
- 30.1 The contract shall be interpreted in accordance with the laws of India.
- 31. Notice**
- 31.1 Any notice given by one party to the other pursuant to the contract shall be sent in writing or by cable, telex or facsimile and confirmed in writing to the addresses specified in the Schedule in the **Schedule of Requirements**.
- 32. Taxes and duties**
- 32.1 A foreign supplier shall be entirely responsible for all taxes, stamps duties, license fees and other such levies imposed outside India.

- 32.2 A local supplier shall be entirely responsible for all taxes, duties, license fees etc. incurred until delivery of the contracted goods to the purchaser.
- 32.3 Further instruction if any shall be as provided in the **Schedule of Requirements**.



SECTION-IV

SCHEDULE OF REQUIREMENTS

Part-1: Schedule of Requirement

Sl. No.	Name of item	Quantity of purchase	EMD	Delivery schedule
	Inverted Microscope with photography unit	01 No	12,000	For Indian Supply : Maximum of six weeks from the date of supply order For Foreign supply : Maximum of 8 weeks from the date of supply order/Opening of Letter of credit.
2.	Shaker cum Incubator	01 No	10,000	
3.	Autoclave	02 Nos	24,000	
4.	CO2 Incubator	01No.	12,000	
5.	Gradient Thermal Cyler	02 Nos	18,000	
6.	U. V. Spectro photometer	01 No.	16,000	
7.	Biosafety cabinet	01 Nos.	12,000	
8.	Gel Documentation System	01 No.	12,000	
9.	Refrigerated centrifuge	01 No.	5,000	
10.	Ice Flaker	01 No.	4,000	
11.	Automated chromatography (Aktastart apparatus)	01 No.	40,000	
12.	Ultra Sonicator	01 No	8,000	
13.	Electrophoresis unit with power pack	01 No.	4,800	
14.	-20 Deep Freezer	01 No.	0	
15.	Elisa Reader	01 No.	15,000	

- 0 (a) Cost of Installation of equipments/items at **ICAR-National Institute of Veterinary Epidemiology and Disease Informatics, Ramagondanahalli, Post Box No: 6450, Yelahanka, Bengaluru - 560064.**

Rupees in Figure:

Rupees in Words:

- (b) Cost of Training :

Rupees in Figures

Rupees in Words:

- (C) Cost of Commissioning and Demonstration:

Rupees in Figures

Rupees in Words



Part – 2 of Schedule of requirements (Section-IV)

Preparation of Online Bids

1. The Price quoted shall be FOB, port of shipment/F.O.R ICAR-NIVEDI, Bengaluru as the case may be.
 2. The price shall be inclusive of all costs, charges and incidents which shall be the responsibility of the bidder alone.
 3. The bidder should have successfully manufactured and supplied at least 50% (fifty percent) of the required quantity of goods under this invitation for bids during the last two years counted from the date of bid opening. The bidder shall also furnish certificate documentary evidence to the effect including all relevant details. The bidder should specify the details of past supplies along with the name of the purchasers for the same or similar items.
 4. Original pay orders of Bid security, must be deposited in the form of Demand draft/Fixed Deposit Receipt/Banker's Cheque payable to "ICAR Unit, NIVEDI" payable at Bengaluru should be submitted **on or before the last date/time of filing/submission of the online bids on the portal**. The particulars of the Earnest Money deposited must also be super scribed on the top of the envelope by mentioning the draft/pay order number(s), date and amount and name of the Equipment, failing which the bids will not be accepted. **However, the bidder has to furnish scan copies of P.O./D.D. of bid security with online tender**. The online Tenders received without scan copies of prescribed Bid Security will not be considered/rejected.
 5. The Successful bidder shall have to deposit an amount equivalent to 10 percent of the total cost involved as Performance Security either in Bank Guarantee or in the shape of DD/S.D.R/F.D.R before placing supply order with them.
- 4.1 **The Bidder(s) may note that ONLINE BIDS will ONLY be accepted. All the requisite supporting documents as mentioned in the bid document should and must be uploaded On-line <http://eprocure.gov.in/eprocure/app>. The Bids sent through E-mail, FAX, by hand and/or by post shall not be accepted/ processed, in any case.**

Tender ID (To be allotted by portal after uploading of tender)	Shall notify on the website of NIVEDI www.nivedi.res.in
Date of release of Tender through e-procurement Portal	21.01.2019
Last date & time for submission of online bid	11.02.2019 13.00 hrs.
Date & time for opening of technical bid	12.02.2019 14.00 hrs.
Date & time for opening of financial bid	To be notified later.
Address for Communication	Director, ICAR-NIVEDI, Post Box No.6450, Ramagondanahalli, Yelahanka, Bengaluru-560 064.



Section – V

Schedule of Quantities, Technical Specification and Quality Control Requirement

(1) Inverted Microscope with photography unit. (Quantity: One Unit)

Specification:

A trinocular inverted bright field and fluorescent research microscope with high resolution digital camera attachment, image analysis software and built in Fly-Eye lens array or other similar optics device to provide uniform illumination throughout the visual field with computer (ANTI-FUNGUS TYPE).

Sl No.	Item	Specifications
1.	Optical System	Infinity Optical System
2.	Type of observation	Bright Field and Fluorescence
3.	Illumination type for bright filed	LED illuminator (white)
4.	Tube	Inclination: 45 degree, Pupillary distance: 50-75mm, with attachable camera port, Eyepiece/ Port: 100/ 0:0/100 antifungal type.
5.	Eyepiece lens	10x
6.	Objectives lens	10x, 20x, 40x and 100x
7.	Type of lens and tubes	Antifungal type
8.	Coarse/ Fine strokes	Via nose piece up/down movement, Stroke (manual): Up 6-8mm down 1-2mm, should also have coarse stroke (35 -40mm per rotation), Fine stroke (0.1 – 0.2mm per rotation) and torque adjustable
9.	Nosepiece	Quadruple or Quintuple nosepiece
10.	Stage	Mechanical stage with 120-130 mm (X-axis) x 75-85 mm (Y-axis) mm with universal holder including cell culture plate/ELISA, glass slide, dish etc.,
11.	Fluorescence filters	Blue filter (450-490 excitation) and Green filter (510-550 excitation)
12.	Photography unit	Digital camera capable of handling very low light with >5.5 megapixels capacity with supporting image analysis software preferably from the same manufacture. Interface card along with compatible C-mount lens with cooling. A high end latest PC with i5 or above processer having minimum 1 TB HDD and 16-32GB RAM and advanced graphics with DVD and LAN. 22-25” LED monitor should be supplied.
13.	Warranty	2-3 years
14.	Other conditions	The equipment should be supplied with appropriate dust cover, instruction manual. On-site training/ demonstrations of the equipment operation/ functions should be provided to the user scientists. The supplier should be an ISO certified well established company with good reputation and experience and should be able to provide onsite service whenever required. The equipment should be supplied with the compatible stabilizer and installed satisfactorily in the pathology laboratory of the ICAR-NIVEDI, Bengaluru.
15.		Shifting/Installation of the equipment to the respective places in first or second floor in the Laboratory block of ICAR-NIVEDI, Bengaluru.

(2) Shaker cum incubator ((Quantity: One Unit)

Specification:

1. Temperature range: 15⁰C below ambient to 60⁰C
2. Temperature Accuracy/Uniformity: $\pm 0.1^{\circ}\text{C}$ to $\pm 0.5^{\circ}\text{C}$
3. Agitation speed: 50 - 400 rpm
4. Shaker should be set to run upto 99.9 hrs
5. Auto-resume on power interruption
6. Corrosion-resistant stainless steel chamber
7. Sealed compressor with CFC free refrigerant
8. Front transparent pan for viewing
9. Display of speed, temperature and time
10. Audible and Visible Alarms alerts.
11. Fitted with universal platform and clamps for holding cultures of volume 25ml-1L
12. Suitable voltage stabilizer for 240V operation
13. Accessories such as clamps (to hold flasks) should be quoted separately on unit basis.
14. Onsite Warranty-minimum one year
15. Standard Certification: cETLus, CE marked, UL, cUL
16. Should be complete with all accessories.

(3) Autoclave (Quantity: Two Units)

Specification:

1. Automatic Microprocessor based Portable Autoclave of 75- 120 L internal chamber volume capacity.
2. The working Chamber, Steam jacket, outer chamber and the lid should be made of superior quality stainless steel more than AISI 304 (316L grade preferred).
3. It should have abrasion resistance and durable finish by heat cured epoxy coating on exterior chamber stainless steel.
4. Lockable antistatic castors.
5. Lid lock should be released by pedal push with Vertical Opening. Way of opening lip should be flip type.
6. LED digital display: User friendly Fuzzy logic or Touch screen panel HMI. Graphical display of working status parameters (Time, temperature and pressure), sterilization mode and other necessary parameters of equipment along with safety audio and visual alarms. Provision for pre-set time for starting operation should be provided.
7. It should have automatic water filling, purging and exhaust.
8. Separate analogue pressure gauge.
9. Temperature range: For sterilizing 105-135°C, for heating 45 -104°C and for warming 45 - 95°C. PT 1000 RTD flexible probe for liquid sterilization. The temperature can be set within range in steps of 1°C
10. Operating pressure: 5-30 Psi & Analogue display range should be 0 -0.4MPa
11. System should be fully automatic system with built-in electrical steam generator and vacuum pump or vessel cooling fan (Built in steam exhaust bottle) for fast and efficient heat up and complete drying.
12. Should have leak proof joint-less silicon gasket.
13. Used for multiple purpose (Sterilization and Incubation)
14. Cycle programmes: Should have minimum 5 course of sterilization mode, customizable cycle programmes
15. Should be operated power: 3.0 kW electric heater, 230V AC, 50 Hz, 10-15A
16. Should have following functions & Features
 - Last run memory
 - F₀ value calculation
 - Lid opening/closing detection Mechanism
 - Exhaust bottle detection mechanism or pre and post vacuum control
 - Leakage breaker
17. Safety Device: Water level sensor, current leakage breaker, lid interlock, over heat & pressure Prevention, open temperature sensor detection & safety valve.
18. Minimum three year warranty should be provided.
19. RS 232- interface port for data communication. Real time printing of temperature sensor along with F₀ summation and pressure channel is preferred.
20. Should complied with temperature safety norm as per Indian and international standards (ASME and steam sterilizers for laboratory CE). In addition, certification like EN 285:2006, DIN 58951-2:2003, US-FDA / WHO and EMC Directive 89/336 EEC are preferred.

21. Minimum five equipment performance certificate previous three years should be provided along with customer contact number and details.
22. Accessories: Stainless steel baskets 2 numbers and stainless steel bucket 1 number.
23. **Shifting/Installation of the equipment to the respective places in first or second floor in the Laboratory block of ICAR-NIVEDI, Bengaluru.**

(4) CO₂ Incubator (Quantity: One Unit)

Specification:

1. Table top Model.
2. Temperature range: Ambient to 45⁰ Centigrade Adjustable atleast @ 0.5⁰ Centigrade increment/ reduction.
3. With Air jacket
4. With microprocessor control.
5. Digital display of Temperature, RH, and CO₂.
6. Alarms for high/ low temperature, CO₂ pressure.
7. In built decontamination facility.
8. With HEPA filter.
9. 220-240V, 50 watts, 50-60Hz.
10. Capacity: 150-200 lit.
11. Should have SS removable shelves.
12. Two nos. CO₂ cylinders (each cylinder of approx. 6 ft. high , 6 inch dia. and weighing 32 kg)
13. Two stage regulator with pipe connection with incubator and cylinder.
14. Should have an inlet for passing the cable to connect to the portable shaker.
15. Automatic voltage stabilizer 2 KVA.
16. Minimum two year after sales warranty.
17. **Shifting/Installation of the equipment to the respective places in first or second floor in the Laboratory block of ICAR-NIVEDI, Bengaluru**

(5) Gradient Thermal Cycler (Quantity: Two Units)

Specification:

1. Gradient Thermal Cycler with two or more blocks with a block format to accommodate minimum of 0.2 ml PCR tubes
2. Temperature range from: 4⁰C-99⁰C
3. Temperature accuracy: $\pm 0.20^{\circ}\text{C}$ to $\pm 0.25^{\circ}\text{C}$
4. Temperature Uniformity: $< 0.5^{\circ}\text{C}$
5. Block Ramp Rate: 3⁰C-6⁰C
6. Display interface for monitoring cycle
7. PCR volume capacity: minimum of 10 ul onwards
8. Power supply: 220-240 V
9. Auto Re-start after power resumption
10. Calibration/Safety Certification: Calibration in accordance with NIST (USA) or DKD/PTB (Germany) or UKAS/NPL (UK) /EN 6101/IEC/EN 61000 series
11. Suitable UPS back Up for 1 hr per each unit
12. Warranty: On-site one year.
13. **Shifting/Installation of the equipment to the respective places in first or second floor in the Laboratory block of ICAR-NIVEDI, Bengaluru**

(6) UV Spectrophotometer (Quantity: One Unit)

1. A spectral scanning unit for UV-visible-NearIR wavelength range, with dedicated cuvette port (with no extra attachments) and should be able to read 96 & 384 micro well plate format .
2. Should be able to run with computer controlled software.
3. Analysis Software supplied should be supplied with unlimited user license.
4. Should be able to read end point, kinetics, spectral scanning and also Kinetic spectral scan.
5. Instrument should be able to read low volume samples ranging from 2µl-10µl in case of DNA/RNA purity & concentration check in standalone mode. Should support the absorbance assays for DNA, RNA, ELISA, cell based assays etc.,
6. The instrument should have a memory of 90-100 inbuilt protocols
7. Communication options : minimum of 4 USB ports to PC and other data transfer devices and port for Ethernet.
8. Access data via cloud based capabilities, wired or wireless network connection.
9. Instrument should be able to provide the wavelength range from 200nm to 1000nm with 1 nm steps.
10. Spectral scanning speed: 10 sec or higher from 200 to 1000 nm with 1 nm steps per sample.
11. Performance Specifications: Bandwidth: < 2.5 nm or better and Xenon flash lamp life should be for minimum of 10 million 96 well microplates.
12. The instrument should have inbuilt incubation and linear shaking options for longer kinetic assays etc.
13. Incubation temperature: from ambient +2°C to +45 °C.
14. Measurement speed should be maximum of 6 sec. for 96 well
15. System should have Power Save function for reduced energy consumption when the instrument is 'ON' but not in use.
16. Visualize data in both numerical mode and heat-map/virtual image of the plate.
17. Instrument should be provided with necessary accessories to support the micro volume, cuvette and microplate measurement of the samples.
18. Should have automated path length correction.
19. Instrument should be certified for safety/quality by international regulatory agencies
20. Instrument should be with warranty of minimum of one year
- 21. Data Analysis Software :**
22. Software should allow multiple absorbance/photometry steps in a single program for differentially analysis assays, including plate out option during the program to add required compounds and then continue the program for further analysis.
23. Database based software to run backups of all data, restore back up data (in case of hardware failure of original computer).
24. Should have area selection option, for different measuring parameters for different area in a same plate.
25. Spectral scanning of all 96 samples or 384 samples should be able to view in single graph plot.
26. Data export can be .pdf, excel, xml and note format.
- 27. Shifting/Installation of the equipment to the respective places in first or second floor in the Laboratory block of ICAR-NIVEDI, Bangalore**

Following has to be supplied along with the equipment:

28. Suitable Computer with minimum of 8GB RAM and 1TB HD space,
29. Suitable UPS with at least 30 min backup.

(7) Biosafety Cabinet (Quantity: One Unit)

Specification:

1. Type: Class II B2
2. Size: 4 feet long
3. Exhaust: 100% with suitable ducting system matching the requirement of place of installation
4. NSF/ANSI 49 certified and CE/UL compliant
5. Microprocessor controlled control panel including alarms
6. Automatic /motorized view screen sliding
7. Main Body: Electrogalvanized steel with epoxy antimicrobial powder coated finish
8. Workspace (removable) and walls around be one piece, corrosion resistant stainless steel with smooth/coved corners
9. Antimicrobial coating on all painted surfaces to protect against surface contamination.
10. Should have provisions for electrical points.
11. Should have UV lights and illumination option.
12. Noise level should not exceed 67 dBA and minimum heat emission and sanitary certification complied.
13. Filter type: HEPA with maximum filtering efficiency at 0.3 microns
14. Should have Alarm/check system to trigger in case of safety failure
16. Should be complete with all accessories (stand and others)
17. Frameless, shatterproof sash for easier cleaning, and for larger, unobstructed viewing area.
18. Suspended Sash counterbalance and lock into position facility
19. Electrical: 220-240 volts, 50-60Hz, single phase to suit local requirement
20. 3HP PP / FRP Exhaust Blower, PP / FRP Ducting/Damper /Canopy
21. Accessories: UV Lamp, Electrical Outlets (2Nos), Support Stand, Service Fitting
- 22. Should provide Complete Training on equipment operation and detailed safety procedures to be adapted to the end user after installation**
23. A certificate from the vendor assuring availability of spares and services for minimum ten years after the sale
24. Warranty: 2 years including spare parts
25. Quality/Safety Certification as per National/International standards
26. Ducting: length <25 feet and 250-300mm diameter and two to three bends
- 27. **Shifting/Installation/Commissioning of the Biosafety cabinet to the respective places in first or second floor in the Laboratory block of ICAR-NIVEDI, Bengaluru.****

(8) Gel Documentation System (Quantity: One Unit)

Specification:

1. The system should be capable of reading agarose gel and protein gels and should have provisions for documentation and analysis.
2. The system should be capable of fluorescent, white light and blue light imaging.
3. The system should have minimum due compatibility for –SYBR® Safe, SYBR family, Ethidium Bromide, coomassie Blue, Silver stain, SYPRO® Ruby.
4. System should have integrated camera hood with the base (platform) for gel reading and documentation.
5. Should have UV shielded viewport for real-time preview
- 6) Viewing dimensions (WxD): 12x15 cm minimum
- 7) The system should have option for automatic and manual exposure
- 9) The system should have Multi user software
- 10) Optional accessories (thermal printer, thermal paper, filteres, white light/bluelight conversion screen etc) should be quoted separately for intendor’s selection depending on the budget availability.
- 11) Power requirements: 220-240 volts 50/60 Hz
- 12) Surge protecting powerstrip to protecting power strip of good brand should be quoted in Indian rupees
- 13) Desktop computer with following specifications should also be quoted

S.No.	Specification
1.	Central processing unit (CPU) with Intel Core 6 th Generation i7-6700 Processor (Quad Core, upto 4.0 GHz, 8MB Cache, 65W)
2.	Windows 10 Professional
3.	8 GB RAM
4.	Hard Drive 1 TB
5.	Integrated Video Card 2 GB AMD Radeon R7 350 X
6.	Optical Drive Tray load DVE Drive (Reads and Writes to DVC/CD)
7.	Minimum Ports 4 USB
8.	LCD Monitor Screen size: 24 inches Maximum display resolution: 1920 x 1080
9.	Optical mouse
10.	Standard key board
11.	Minimum three years Warranty

14. The system should be complete in all aspects
15. The system should carry minimum one year warranty
- 16. Shifting/Installation of the equipment to the respective places in first or second floor in the Laboratory block of ICAR-NIVEDI, Bengaluru.**

(9) Refrigerated Centrifuge (Quantity: One Unit)

Specifications:

1. Table top Refrigerated centrifuge
2. Separate short-spin button – for fast and short spins.
3. Maximum RPM: 14,000 rpm; Maximum RCF : 16,873 x g.
4. Temperature setting range from 0°C to 40°C.
5. Acceleration time to Maximum Speed : 5-11s
6. Braking time from Maximum Speed : 5-12s
7. LED/Digital display of speed
8. Maintenance of Temperature (range +3° to +6°C), even at maximum speed.
9. Fast Temp for rapid pre-cooling.
10. Noise Level : ~ 55dB(A) : Power consumption : 320W
11. Electric power requirement: 220-240 volts, suitable to Indian condition
12. Standard aerosol tight rotor (18 or more positions) for 1.5/2.0 ml tubes with adapters for 0.2 ml, 0.5 ml tubes.
13. Quality/Safety Certification as per National/International standards (CE and others)
14. Warranty: 2 years
15. **Shifting/Installation of the equipment to the respective places in first or second floor in the Laboratory block of ICAR-NIVEDI, Bengaluru.**

(10) Ice Flaker(Quantity: One Unit)

Specifications:

1. Ice Flake output: Approximately 40 to 80 kg per day
2. Collecting Bin Capacity: 8 to 20 kg
3. External case should be corrosion resistant (stainless Steel preferably)
4. Thermal insulation
5. Automatic switch off facility when ice capacity full & water storage
6. Indicator for flake production, water storage and ice tank full
7. Standard drainage for collecting water left in bin
8. Quality/Safety Certification as per National/International standards (CE)
9. Warranty: 2 years
10. **Shifting/Installation of the equipment to the respective places in first or second floor in the Laboratory block of ICAR-NIVEDI, Bengaluru.**

(11) Automated Chromatography (Aktastart apparatus) (Quantity: One Unit)

Specifications:

1. Apparatus should be compact, stand alone as well as PC controlled automated chromatography system for one-step purification of recombinant proteins from diverse expression systems
2. It should be able to perform gradient affinity chromatography, ion-exchange chromatography, gel filtration and desalting procedures on column and supplier should have column for all functions
3. It should work in the temperature range: 4°C to 35°C
4. It should have relative humidity tolerance range: 10% to 95% ; and pressure range: 84 to 106 kPa
5. It should have biocompatible, corrosion resistance and chemical resistance for buffers (8M Urea/Guanidine etc.,)
6. It should have LED display with user friendly interface and error message/alarm system
7. It should have built-in functions for Gradient Pump and make accurate and automatic gradient (0 to 100%) formation over the entire flow range
8. It should have Motorised 6-8 port buffer selection valve and sample injection valve
9. It should have real time monitor for UV (280nm), pressure, conductivity (0-300mS/cm) and optional pH j) It should have Flow rate in between 0.5 ml/min to 5ml/min with low pulsation peristaltic pump for the entire flow range and pressure limit of 0.5MPa or, 72psi.
10. It should have programmed spill free fraction collector (~30 fractions) with volume ranging from 0.5 ml to 15 ml, with use of micro centrifuge tubes (1.5/2 ml) and regular tubes (5/12/15 ml)
11. A different and assorted size sample loops/super loops (Capacity: 5 ml, 10 ml, 50-150 ml) along with appropriate fittings/adapters
12. Appropriate advanced software for programming automation of purification procedures and evaluation of chromatography runs with quality data output
13. The system should be compatible with PC/Desktop/Laptop and printer
14. It should have noise level: < 80 dB A
15. Power supply: 220-240 V AC, 50 to 60 Hz
16. Equipment Service provider should be locally available on call
17. The equipment should include the following compatible accessories;
 - I. One Desktop/Laptop system to monitor chromatographic curves and storage of data
 - II. Two sets of Histrap columns, 5x 5 ml
 - III. Two sets of HItrap columns, 5x 5 ml
 - IV. Two set of HItrap Desalting column, 5x 5 ml
 - V. Two sets of Sample loops/ Superloops(Capacity: 5 ml, 10 ml, 50-150 ml)
 - VI. pH electrode, including cell (Optional)

- VII. Two sets of Gel filtration columns or HiLoad 16/600 Superdex column (200/300 pg)
 - VIII. A set of appropriate tubing, fittings and column adopters
18. Warranty for 2 years
- 19. Shifting/Installation of the equipment to the respective places in first or second floor in the Laboratory block of ICAR-NIVEDI, Bengaluru**

(12) Ultra Sonicator (Quantity: One Unit)

Specifications:

1. Ultrasonic processor of capacity : 500-750 watts and 20KHz
2. Probe (13mm) suitable for 10-250 ml of sample volume
3. Automatic tuning, energy (joules) monitor, energy controller,
4. It should have digital wattmeter, temperature controller
5. It should be microprocessor based and programmable
6. LCD/digital screen with user prompts, alphanumeric display
7. Program storage capacity (Minimum-1 and up to 10 programs)
8. Process timer up to 10 hour
9. Variable power output control, amplitude control, full function pulser with ON/OFF cycle
10. Independently controllable pulsar from 1 to 59 seconds
11. Power circuit for overload protection
12. Electrical power requirements: 220-240 volts, suitable to Indian condition
13. Quality/Safety Certification as per National/International standards (CE)
14. Warranty: 2 years
15. **Shifting/Installation of the equipment to the respective places in first or second floor in the Laboratory block of ICAR-NIVEDI, Bangalore**

Accessories:

- a) Solid Probe (3/4") 19 mm for 25-500 ml volume
- b) Enclosure for sound reduction with transparent door
- c) Probe Support rod and converter clamp
- d) Probe Extender
- e) Sample adjusting platform

(13) Electrophoresis Unit With Power Pack (Quantity: One Unit)

Specifications:

a) Horizontal electrophoresis:

1. Suitable for running Agarose mini gels
2. Dimensions for gel casting tray (W x L): 10-25 cm x 20-40 cm
3. Suitable buffer Chamber with Leveling Base/ bubble level
4. Multiple well Combs: 12, 16, and 20 well, 1.5mm Thick
5. Multiple notches on gel tray for simultaneous inclusion of multiple combs
6. Buffer capacity: 1-2 Liters
7. Power: 20-250 volts
8. Multi load UV Transmissible (UVT) gel tray with Gasketed End Gates with 5-10 slots
9. Lid with attached Power Supply Leads (2)

b) Vertical Electrophoresis:

1. Suitable for running SDS-PAGE mini gels either precast or manual cast gels
2. Dimensions for Mini gel: 8-10 cm x 8-10 cm
3. Gel Cassette : Approximately 10 cm x 10 cm
4. Gel Thickness: 1.0 mm or 1.5 mm
5. Suitable buffer tank/chamber
6. Body: Polycarbonate or suitable material
7. Platinum electrode wire
8. Separate dual or multiple independent gel caster apparatus
9. Additional Western blot module for wet transfer of proteins on to membrane
10. Multiple combs: for 10 wells, 12 wells, 15 wells and 20 wells
11. Maximum Voltage Limit: 1500 VDC
12. Maximum Power Limit: 75 Watts
13. Maximum Operating Temperature Limit: 50-70°C
14. Proper gel tension wedge and gel knife for removal of gels
15. Power supply: 20-250 volts

c) Power pack

1. Bench top, and should support most of electrophoresis appliances
2. Two to four sets (pairs) of outlet terminals
3. Microprocessor controlled power supply with LCD display
4. Provide Constant Voltage (V), Current (mA) and Power (W) Modes
5. Input power: 220 Volts, 50/60 Hz.
6. Output power: up to 300 W; Voltage: 5 to 250 Volts; Current: 10mA to 3Amp
7. Capability to specify run time

General specifications for all three above:

1. Warranty: Minimum of 1 year
2. Should have ISO certification for **electrical** and **chemical** safety
3. **Shifting/Installation of the equipment to the respective places in first or second floor in the Laboratory block of ICAR-NIVEDI, Bangalore**

(14) -20 Deep Freezer (Quantity: One Unit)

Specifications:

1. Vertical
2. Single door
3. Capacity: 300-400 liters
4. Temperature range: -16°C to -25°C
5. No. of shelves: minimum 8
6. Digital display of temperature, Frost free, CFC free
7. Suitable Stabilizer: One
8. On-site Warranty: One year
9. Certificate: CE compliance
10. Warranty: 1 year.
11. **Shifting/Installation of the equipment to the respective places in first or second floor in the Laboratory block of ICAR-NIVEDI, Bengaluru.**

(15) Elisa Reader (Quantity: One Unit)

Specifications:

1. Detection mode: Absorbance
2. Should be able to read 96 microwell format
3. Reading Time: <10-15 Seconds for 96-wells.
4. Absorbance Range: 0- 4 OD
5. Resolution: 0.001 Abs.
6. accuracy and linearity- $\pm 1\%$
7. Type of optical system: Single beam
8. Wavelength range: 400nm to 750nm or more
9. Should have memory
10. Should have automatic calibration before each reading
11. PC based system
12. Instrument may be supplied with compatible operating software and software for connecting to PC and printer
13. Instrument should be supplied with Computer. Desktop Requirements (All in one PC)
: Intel core i3 or more processor, 16 GB RAM, 1 TB hard disc, Full HD LED monitor 19", 64 bit and latest version of Microsoft Windows, with MS office licensed, Laser Printer (>20pages/min.) – Black and white
14. Optional : Cuvette Port, multimode
15. **Shifting/Installation of the equipment to the respective places in first or second floor in the Laboratory block of ICAR-NIVEDI, Bengaluru.**

Section-VI

QUESTIONNAIRE

ONLINE BIDDERS SHOULD FURNISH SPECIFIC ANSWERS TO ALL THE QUESTIONS GIVEN BELOW. IN CASE A QUESTION DOES NOT APPLY TO A BIDDER, THE SAME SHOULD BE ANSWERED WITH THE REMARK “NOT APPLICABLE”. BIDDERS MAY PLEASE NOTE THAT IF THE ANSWERS SO FURNISHED ARE NOT CLEAR AND/OR ARE EVASIVE THE BID WILL BE LIABLE TO BE IGNORED.

1. Bid No.....
2. Date for bid opening on.....
3. Offer _____ is _____ open _____ for acceptance_____
4. Brand of goods offered
5. Name & address of manufacturer
6. Station of Manufacturer.
7. What is your permanent Income Tax A/c No.:
8. Confirm whether you have attached your latest/current ITCC or certified photocopy Thereof.
9. Status :
 - (a) Are you currently registered with the Directorate General of Supplies & Disposals (DGS&D) for the item(s) quoted? If so, indicate the date up to which you are registered and whether there is any monetary limit on your registration.
 - (b) Are you a small scale unit currently registered with the National Small Industries Corporation (NSIC) under Single Point Registration Scheme for the items(s) quoted? If so, indicate the date up to which you are registered and whether there is any monetary limit on your registration.
 - (c) If you are not registered either with NSIC or DGS&D, please state whether you are currently registered with Directorate of Industries of the State Government concerned. If so indicate the date up to which you are registered and whether there is any monetary limit on your registration.
 - (d) Are you registered under the Indian Companies Act, 1956 or any other Act? Please attach certified copy (copies) of the relevant registration certificate(s) in confirmation to you above answer(s).
10. Please indicate
Name & Full address of your Banker(s):
11. Whether you are :

Manufacturer of the goods quoted; or
Manufacturer’s authorized agent for those goods.
12. State whether business dealings with you have been currently banned by any Ministry/Dept. Of Central Govt. or any State Govt.:

Signature of Witness Full name, designation & address of the person signing above For and on Behalf of Messrs.

Name & address of Witness

Name & address of bidding firm)

Signature of Bidder



SECTION VII/1

ONLINE BID FORM AND PRICE SCHEDULES

Reference No. Date.....

To,

The Director,
ICAR-National Institute of Veterinary Epidemiology and Disease Informatics,
Post Box No. 6450,
Ramagondanahalli,
Yelahanka,
Bengaluru-560 064,
Karnataka, India

Ref:- Your bidding documents

No.....dated.....

Having examined the above mentioned online bidding documents, including agenda Nos..... (if any), the receipt of which is hereby duly acknowledged, we the undersigned, offer to supply and deliver equipment's/items mentioned in Part-1 of Schedule of requirements in conformity with the said bidding documents for the sum as shown in the price schedules, attached herewith and made part of this bid.

We undertake if our online bid is accepted, to deliver the goods and complete the services in accordance with the delivery schedule specified in the **Schedule of requirements** after fulfilling all the applicable requirements incorporated in the above referred online bidding documents.

If our bid is accepted, we will provide you with performance security as per the instructions specified in GCC clause 7 and in a form accept bit to you in terms of GCC clause 7.5 for a sum equivalent to 10% (ten percent) of the contract price for the due performance of the contract.

We agree to abide by this online bid for the bid validity period specified in the ITB clause 15 (read with modification, if any, in the Bid Data Sheet) or for the subsequently extended period, if any, agreed to by us and it shall remain binding up on us and may be accepted at any time before the expiration of that period.

Until a format contract is prepared and executed this bid together with your written acceptance thereof and your notification of award, shall constitute a binding contract between us.

We understand that you are not bound to accept the lowest or any online bid you may receive.

Dated this..... day
of.....2016.....

Signature
(in the capacity of)

Duly authorized to sign bid for and on behalf of)

FORMAT-I

PRICE SCHEDULE FOR DOMESTIC GOODS OR GOODS OF FOREIGN ORIGIN LOCATED WITHIN INDIA

1	2	3	4				5	6	7	
Schedule No.	Item description no	Accounting unit & Quantity	Ex-factory/ex-warehouse use/ex-showroom off the shelf	Excise duty if any	Packing and for warding	Insurance other duties and taxes, if any other (than Goods and Service Tax) and incident at costs	Incidental services (Including supervision)	Overall unit price (a+b+c+d+e+f)	Total price	Goods and services payable, if contract is awarded
			(a)	(b)	©	(d)	(e)	(f)	3x5	

Total bid price in Rupees: (in figure)

.....
(in words)
.....

Place
Date

Signature of bidder

**Name
Business address**

Note:

- I. In case of discrepancy between unit price and total price, the unit price shall prevail.
- II. If nothing to the contrary to this effect is mentioned under Section VII (Technical Specification and Quality Control Requirement), the bidder shall give list of spare parts for two years operation separately indicating description, quantity, unit price and total price in the above format for those items whose scope includes spare parts as per “Technical Specifications” give is Section VII.

FORMAT-II

PRICE SCHEDULE FOR GOODS TO BE IMPORTED FROM ABROAD

1	2	3	4	5				6	7	8	9	10
	Item description	Country of origin	Accounting unit &	Unit price FOB port of loading	Unit price CIF at port of entry	Inland transportation charges, Insurance and other local costs incidental to delivery, if specified	Incidental services including supervision	Over all unit price (a+b+c+d)	Total price	India agent's name	Indian agent's commission As a% of FOB price included in the quoted price	Shipment weight and volume
				(a)	(b)	(c)	(d)					

Total bid price in Rupees: (in figure)
 (in words)

Place
 Date

Signature of bidder

**Name
 Business
 address**

Note
 :

- I. In case of discrepancy between unit price and total price, the unit price shall prevail.

- II. If nothing to the contrary to this effect is mentioned under Section VII (Technical Specification and Quality Control Requirement), the bidder shall give list of spare parts for two years operation separately indicating description, quantity, unit price and total price in the above format for those items whose scope includes spare parts as per “Technical Specifications” give is Section VII.
- III. Indian agent’s commission shall be paid in Indian Rupees only, No, change due to exchange variation shall be allowed
- IV. Those firms which quote prices on FOB basis, Amount of freight and insurance should compulsorily mention in the space provided in the technical bid.



भाकृअनुप—राष्ट्रीय पशुरोग जानपदिक एवं सूचना विज्ञान संस्थान
ICAR—National Institute of Veterinary Epidemiology and Disease Informatics

रामगोंडनहल्ली, येलहंका, बेंगलुरु – 560064

Ramagondanahalli, Post Box No: 6450, Yelahanka, Bengaluru – 560064

Ph: +91 80 23093110/+ 91 80 23093111 Fax: + 91 80 23093222



SECTION VII/2

MANUFACTURER'S AUTHORISATION FORM

To

**The Director,
ICAR - NATIONAL INSTITUTE OF VETERINARY EPIDEMIOLOGY AND DISEASE
INFORMATICS
Post Bag No.6450,
Ramagondanahalli,
Yelahanka,
Bengaluru-560 064**

Ref: your Bidding Documents

No.....dated.....

Dear Sir,

We....., who are established and reputable manufacturers of
.....(name and description of the goods offered in the online bid) having
factories at.....hereby authorize
Messrs.....(name and address of the agent) to submit a bid, negotiate
(as and if necessary) and conclude the contract with you against your above mentioned Bidding
Documents for the above goods manufactured by us.

No company or firm or individual other than Messrs..... (name and address of
the above agent) is authorized to bid, negotiate and conclude the contract against this specific
Bidding Documents for the above mentioned goods manufactured by us.

We hereby extend our full guarantee and warranty as per clause 15 of the General
Conditions of Contract, read with modification, if any in the Special Conditions of contract for
the goods and services offered for supply against this Bidding Document by the above firm.

Yours faithfully,

(Signature name and designation)

for and behalf of
Messrs.....
[Name& address of the manufacturers]

Note: This letter of authorization should be on the letter head of the manufacturing firm and should be signed by a person competent and having the power of attorney to legally bind the manufacturer. The authorization Certificate should be from the “Manufacturer” only and certificate from any other firm/person including OEM arrangements would not be accepted.



भाकृअनुप—राष्ट्रीय पशुरोग जानपदिक एवं सूचना विज्ञान संस्थान
ICAR—National Institute of Veterinary Epidemiology and Disease Informatics

रामगोंडनहल्ली, येलहंका, बेंगलुरु – 560064

Ramagondanahalli, Post Box No: 6450, Yelahanka, Bengaluru – 560064

Ph: +91 80 23093110/+ 91 80 23093111 Fax: + 91 80 23093222



SECTION VII/3

SELF-DECLARATION OF PRIME EQUIPMENT MANUFACTURER

To

**The Director,
ICAR - NATIONAL INSTITUTE OF VETERINARY EPIDEMIOLOGY AND DISEASE
INFORMATICS
Post Bag No.6450,
Ramagondanahalli,
Yelahanka,
Bengaluru-560 064**

Ref: Your Bidding Documents

No.....dated.....

Dear Sir,

We....., who are established and reputable manufacturers of
..... (Name and description of the goods offered in the online
bid) having factories at.....hereby declare and conform that
we are regularly manufacturing, supplying, installing, testing and commissioning of the similar
equipment for the last 2 years.

Yours faithfully,

(Signature name and designation)

for and behalf of Messrs.....

[Name& address of the manufacturers]



भाकृअनुप-राष्ट्रीय पशुरोग जानपदिक एवं सूचना विज्ञान संस्थान
ICAR-National Institute of Veterinary Epidemiology and Disease Informatics
रामगोंडनहल्ली, येलहंका, बेंगलुरु - 560064
Ramagondanahalli, Post Box No: 6450, Yelahanka, Bengaluru - 560064
Ph: +91 80 23093110/+ 91 80 23093111 Fax: + 91 80 23093222



SECTION VII/4

BANK GUARANTEE FORM FOR PERFORMANCE SECURITY

To

**The Director,
ICAR - NATIONAL INSTITUTE OF VETERINARY EPIDEMIOLOGY AND DISEASE
INFORMATICS
Post Bag No.6450,
Ramagondanahalli,
Yelahanka,
Bengaluru-560 064**

Whereas.....(name and address of the supplier) herein after called "The supplier") has taken, in pursuance of contract NO..... dated.....to supply.....(description of goods and services) (hereinafter 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 recognized bank acceptable to you, for the sum specified therein as security for compliance with its (supplier's) 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 (amount of the guarantee in words and figures), such sum being payable in the types and proportions of currencies in which the contract price is payable, and we undertake to pay you, upon your first written demand declaring the supplier to be in default under the contract and without cavil or argument, any sum or sums within the limits of (amount of guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

We further undertake to pay you the sum so demanded notwithstanding any dispute or disputes raised by the supplier in any suit or proceedings pending before any court or tribunal relating liability under this present being absolute and univocal.

We also hereby waive the necessity of your demanding the said amount from the supplier before presenting us with the demand.

We further agree that you shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the contract or to extend the time of performance by the supplier from time to time or to postpone for any time or from time to time any of the powers exercisable by you against the supplier and to forbear or enforce any of the terms and conditions relating to the contract and we shall not be relieved from our liability under this guarantee.

This guarantee shall be valid and shall remain in force until.....day
of
.....20.....

Dated the.....day of.....20 For
.....
(name of the Bank)

Signature.....
Name of the officer.....
(in Block letters)
Designation of the officer.....
Code No.....
Name of the Bank and full address



भाकृअनुप-राष्ट्रीय पशुरोग जानपदिक एवं सूचना विज्ञान संस्थान
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SECTION VII/5

TENDER ACCEPTANCE LETTER (To be given on Company Letter Head)

To,

**The Director,
ICAR - NATIONAL INSTITUTE OF VETERINARY EPIDEMIOLOGY AND DISEASE
INFORMATICS
Post Bag No.6450,
Ramagondanahalli,
Yelahanka,
Bengaluru-560 064**

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No: _____

Name of Tender/Work: _____

Dear Sir,

1. I/ We have downloaded/obtained the tender documents(s)for the above mentioned 'Tender/Work' from the web site(s) namely:

_____ as per your advertisement, given in the above mentioned website(s).

2. I/ We hereby certify that I/ We have read the entire terms and conditions of the tender documents from Page No. ____ to ____ (including all documents like a annexure(s), schedule(s), etc.), which form part of the contract agreement and I / We shall abide hereby by the terms / conditions / clauses contained therein.
3. The Corrigendum(s) issued from time to time by your department / organization too have also been taken into consideration, while submitting this acceptance letter.
4. I /We hereby unconditionally accept the tender conditions of above mentioned tender documents(s) / corrigendum(s) in its totality / entirely.
5. I /We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking.
6. I/We certify that all information furnished by the our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated then your department /organization shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,
(Signature of the Bidder, with Official Seal)

Advance tender search in Central Public Procurement Portal Website

URL: <http://eprocure.gov.in/eprocure/app>

**Government of India
Central Public Procurement Portal
(eProcurement)**

20-Dec-2016 Search | Latest Active Tenders | Tenders by Closing Date | Corrigendum | Bid Awards | CPPP Home Contact Us SiteMap

Welcome to eProcurement System
The eProcurement System of India enables the Tenderers to download the Tender Schedule free of cost and then submit the bids online through this portal.

Latest Tenders

Tender Title	Reference No	Closing Date	Bid Opening Date
4. C/O 02 NOS SENTRY POST AND 03 NOS TOILET/BATHROOM AT SANCHUTALA FORWARD POST OF ITBP (SUPPLY OF ITEMS FOR SANCHUTLA)	NO/ITBP/8TH BN /ENGR./TENDER /2016-17-10890-92	03-Jan-2017 03:30 PM	04-Jan-2017 03:30 PM

Latest Corrigendums

Corrigendum Title	Reference No	Closing Date	Bid Opening Date
4. Corrigendum	AK-52919SUPPLY OF SURGE SUITS FOR FIRE AND SAFETY.	27-Dec-2016 10:30 AM	27-Dec-2016 11:30 AM
5. CORRIGENDUM-1 Extend the Due Date of AK-52919.	AQ-52795_FOR_PORTABLE IRAM SYSTEM	27-Dec-2016 10:30 AM	27-Dec-2016 11:30 AM

Tender Search
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**Government of India
Central Public Procurement Portal
(eProcurement)**

20-Dec-2016 Search | Latest Active Tenders | Tenders by Closing Date | Corrigendum | Bid Awards | CPPP Home Contact Us SiteMap

Government working days from 2.30 PM to 4.30 PM in English only. All Users are hereby informed that for any Technical related queries on ePublishing and eProcure

Advanced Tender Search

Tender Type: Open Tender
Organisation: Department of Agricultural Res
Department: Indian Council of Agricultural R
Division: NIVEDI-Bengaluru - DoARE
Sub Division: -Select-
Form of Contract: -Select-
Pincode: 560064
Value Criteria: -Select-
Date Criteria: -Select-
Tender ID:
Tender Reference Number:
Work/Item Title:
Tender Category: -Select-
Product Category: -Select-
From: To:
Clear Search

Advanced Tender Search

Tender Type ➡ **Open Tender/Single/Limited/etc.**

Organization ➡ **Department of Agricultural Research and Education**

Department ➡ **Indian Council of Agricultural Research, DoARE, MoA**

Division ➡ **NIVEDI-Bengaluru – DoARE**