#### TENDER ENQUIRY REF. NO. 0225/190618/1554/EQPT



# CSIR - CENTRE FOR CELLULAR & MOLECULAR BIOLOGY (CCMB) UPPAL ROAD, HYDERABAD- 500 007 (TELANGANA) INDIA

**BID DOCUMENT** 

**FOR** 

**OPEN / PRESS TENDER** 

(Multi Currency Bid)

**ITEM DESCRIPTION:** 

## **HPC CLUSTER**

e-Bids under **Two Bid System** (Technical Bid and Financial / Price Bid separately) shall be submitted **only** through Central Public Procurement Portal (URL: <a href="https://etenders.gov.in/">https://etenders.gov.in/</a>) only

**Stores & Purchase Officer** 

CSIR - Centre for Cellular & Molecular Biology (CCMB)

Uppal Road, Hyderabad - 500 007 (TELANGANA) INDIA

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## CSIR - Centre for Cellular & Molecular Biology (CCMB) Council of Scientific & Industrial Research (CSIR) Uppal Road, Hyderabad – 500 007 (TELANGANA) INDIA

#### **CHAPTER - I: OPEN / GLOBAL TENDER INVITATION**

CSIR-CCMB is an internationally acclaimed research Centre of CSIR situated in Hyderabad. The objectives of the Centre are to conduct high quality basic research and training in frontier areas of modern biology, and promote centralized national facilities for new and modern techniques in the inter-disciplinary areas of biology.

Director, CSIR-CCMB, Hyderabad (TELANGANA), India invites original Equipment Manufacturers, their Authorized Distributors and Indian agents of Foreign Principals, if any, submit their *ONLINE* bids under **Two Bid System** (**Technical Bid & Financial / Price Bid separately**) through Central Public Procurement Portal (CPPP) (URL: <a href="https://etenders.gov.in">https://etenders.gov.in</a>) only for the supply, installation and commissioning of the following item/s:

SI. No.	Name of Equipment	Qty.	File No.	Bid Type	EMD
1.	HPC CLUSTER	01 No.	0225/190618/1554/EQPT	TWO BID SYSTEM	Rs. 90,000/-

## PLEASE REFER TO THE DETAILED SPECIFICATIONS AND IMPORTANT CLAUSES / TERMS & CONDITIONS OF THE "HPC CLUSTER" AT THE END OF THIS TENDER DOCUMENT (ANNEXURE -M).

Cri	tical Date Sheet
Publishing Date & Time	14/08/2018
Pre-Bid Conference Date & Time	28/08/2018 (From 15.30 Hrs. onwards)
Pre-Bid Conference Venue	CCMB, Habsiguda, Uppal Road, Hyderabad-500007
Document Download Start Date & Time	14/08/2018
Seek Clarification start date	14/08/2018
Seek Clarification End date	24/08/2018 at 15:00 Hrs
Uploading of Amendment/ change to	On or before 30/08/2018 17:15 Hrs
Document after PBC, if any	
Start of Online Submission of Bids	30/08/2018 (17.30 Hrs onwards)
Last Date & Time For Online Submission of Bids	18/09/2018 (Up to 13.00 Hrs.)
Date / Time of Opening of Technical Bids	19/09/2018 (14.30 Hrs. onwards)
Mode of submission of Bid	e-procurement Bids ONLY THROUGH ONLINE on the CENTRAL PUBLIC PROCUREMENT PORTAL of e-tenders: (WEB LINK: https://etenders.gov.in)  HARD COPIES OF QUOTATIONS WILL NOT BE ACCEPTED
	BY CCMB

1. E-Bids are invited through the electronic tendering process and the Tender Document can be downloaded from the e-Tender portal of Central Public Procurement (CPP) portal of the Government of India i.e. <a href="https://etenders.gov.in">https://etenders.gov.in</a>. A copy of the Tender Document is also available on CSIR-CCMB Website <a href="http://www.ccmb.res.in">http://etenders.gov.in</a>. A copy of the Tender Document is also available on CSIR-CCMB Website <a href="http://www.ccmb.res.in">https://etenders.gov.in</a>. However, the submission of e-Bids will be only through the CPP e-Tender portal <a href="https://etenders.gov.in">https://etenders.gov.in</a>. Bids will not be accepted in any other form.

2. The address for submission of EMD/Bid Security and for obtaining further information:

STORES & PURCHASE OFFICER, CSIR-CCMB, Habsiguda, Uppal Road, Hyderabad - 500007, India.

Tel #: 00 91 40 2719 2681 Fax #: 00 91 40 2716 0252 Email: spo@ccmb.res.in Website: http://www.ccmb.res.in

3. The Bid Security/Earnest Money Deposit shall be submitted through Bank Guarantee/Demand Draft drawn in favour of "Director, CCMB payable at Hyderabad". The original Bid Security/EMD must be delivered to address mentioned in Sr.No.2 above till bid submission end date and time as mentioned in "Critical Date Sheet", failing which the bid shall be summarily rejected. Scanned copy of Bid Security shall be uploaded online along with Technical Bid.

For further details, please refer to Clause No.1.15 of Tender document.

- 4. For participation in e-procurement all bidders (including foreign bidders) need to enrol themselves on the **Central Public Procurement Portal** (URL: <a href="https://etenders.gov.in">https://etenders.gov.in</a>) which will be free of cost. For further information kindly refer "**Bidder Manual Kit**" in the said portal.
- 5. Only enrolled/registered bidders with the above said portal shall be allowed to participate in the etendering process.
- 6. In case of Indian Agents quoting on behalf of their Foreign Principal, the following documents are required to be submitted along with Technical Bid:
  - a. A self-certified copy of the agency agreement between the Principal and the Agent.
  - b. Foreign bidders to disclose the name and address of agent and representative in India and Indian bidder to disclose their foreign Principal or Associates. Accordingly, all prospective bidders are hereby requested to comply with the aforesaid guidelines.
- 7. The Director, CSIR- Centre for Cellular & Molecular Biology (CCMB), Hyderabad reserves the right to accept or reject any or all tenders / offers either in part or in full or to annul the tender process at any stage or to split the order without assigning any reasons thereof.

Sd/-

(Dharmendra Kumar) Stores & Purchase Officer

#### **CONTENTS OF TENDER / BIDDING DOCUMENT**

The bidding documents, apart from the Invitation for Bids / Notice Inviting Tender have been divided into Eight Chapters as under:

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2A	General Conditions of Contract (GCC)	18
2B	Special Conditions of Contract (SCC)	30
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4	Specifications, Allied Technical Details And Scope of Supply	33
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#### LIST OF SHORT FORMS AND FULL FORMS

SHORT FORM	FULL FORM
BG	BANK GUARANTEE
BS	BID SECURITY
CIF	COST INSURANCE &FREIGHT
CIP	CARRIAGE PAID TO
CSIR	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
CVC	CENTRAL VIGILANCE COMMISSION
DGS&D	DIRECTOR GENERAL OF SUPPLIES & DISPOSAL
EMD	EARNEST MONEY DEPOSIT
ESIC	EMPLOYEES STATE INSURANCE CORPORATION
FCA	FREE CARRIER
FOB	FREE ON BOARD
GCC	GENERAL CONDITIONS OF CONTRACT
GOI	GOVERNMENT OF INDIA
ICC	INTERNATIONAL CHAMBERS OF COMMERCE
IEMs	INDEPENDENT EXTERNAL MONITORS
IP	INTEGRITY PACT
IPC	INDIAN PENAL CODE
IST	INDIAN STANDARD TIME
IT	INCOME TAX
ITB	INSTRUCTIONS TO BIDDERS
JS (A)	JOINT SECRETARY (ADMINISTRATION)
LC	LETTER OF CREDIT
LD	LIQUIDATED DAMAGES
MAF	MANUFACTURER AUTHORISATION FORM
ССМВ	CENTRE FOR CELLULAR AND MOLECULAR BIOLOGY
NIT	NOTICE INVITING TENDER
NSIC	NATIONAL SMALL INDUSTRIES CORPORATION
PS	PERFORMANCE SECURITY
SCC	SPECIAL CONDITIONS OF CONTRACT
UNCITRAL	UNITED NATIONS COMMISSION ON INTERNATIONAL TRADE LAW

#### CHAPTER 1 -INSTRUCTIONS TO BIDDERS - TABLE OF CONTENTS

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#### A. Introduction

Instructions to Bidder (ITB) are broad guidelines to be followed while formulating the bid and its submission to the Purchaser. It also describes the methodology for opening and evaluation of bids and consequent award of contract.

#### 1.1 Eligible Bidders

- 1.1.1. This Invitation for Bids is open to all suppliers.
- 1.1.2. Bidders should not be associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under this Invitation of Bids.
- 1.1.3. Bidders who fulfil the Eligibility Criteria mentioned in **Chapter 5** will be considered for Technical Evaluation of bids.

#### 1.2 Cost of Bidding

The Bidder shall bear all costs associated with the preparation and submission of its bid, and "the Purchaser", will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.

#### 1.3 Fraud and corruption

1.3.1. The purchaser requires that the bidders, suppliers and contractors observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy, the following are defined:

Sr. No.	Term	Meaning
(a)	Corrupt practice	The offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution.
(b)	Fraudulent practice	a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract.
(c)	Collusive practice	means a scheme or arrangement between two or more bidders, with or without the knowledge of the purchaser, designed to establish bid prices at artificial, non-competitive levels.
(d)	Coercive practice	means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract.

1.3.2. The Purchaser will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract in question.

#### B. The Bidding Documents

#### 1.4 Cost of Bidding Documents

The bidding documents are to be downloaded Free of Cost from CPPP Website https://etenders.gov.in

#### 1.5 <u>Content of Bidding Documents</u>

- 1.5.1. The Goods / Services required, bidding procedures and contract terms are prescribed in the bidding documents which should be read in conjunction. The bidding documents, apart from the Invitation for Bids / Notice Inviting Tender have been divided into Eight Chapters.
- 1.5.2. The Bidder is expected to examine all instructions, forms, terms, and specifications in the bidding documents. Failure to furnish all information required by the bidding documents or submission of a bid not substantially responsive to the bidding documents in every respect will be at the Bidder's risk and may result in rejection of its bid.

#### 1.6 Clarification of bidding documents

#### 1.6.1. In case when there is NO PRE-BID CONFERENCE

A prospective Bidder requiring any clarification of the Bidding Documents shall contact the Purchaser in writing at the Purchaser's address specified in the Special Conditions of Contract (SCC). The Purchaser will respond in writing through e-mail to any request for clarification, provided that such request is received not later than ten (10) days prior to the due date for submission of bids. Should the Purchaser deem it necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure under Clause 1.7 relating to amendment of bidding documents and Clause 1.19 relating to Due date for Submission of Bids. The amendments issued would be hosted on the CPP portal website <a href="https://etenders.gov.in">https://etenders.gov.in</a> for the benefit of the prospective bidders, who are expected to take cognizance of the same before formulating and submitting their bids.

#### 1.6.2. In case when there is PRE-BID CONFERENCE

- a) A prospective Bidder requiring any clarification of the Biding Documents shall contact the Purchaser in writing at the Purchaser's address specified in the Special Conditions of Contract (SCC), latest by the date specified in the Invitation for Bids / NIT which would be deliberated as per Clause 1.6.2 (b) of Instructions to the Bidders. No request for clarification or query shall be normally entertained after the Pre-Bid Conference. Should the Purchaser deem it necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure under Clause1.7 relating to amendment of Bidding Documents and Clause 1.19 relating to Due Date for Submission of Bids. The clarifications and amendments issued would also be hosted on the CPP portal website <a href="https://etenders.gov.in">https://etenders.gov.in</a> for the benefit of the other prospective bidders.
- b) A Pre-bid Conference (PBC) shall be held as indicated in Invitation to Bid. All prospective bidders are requested to kindly attend the Pre-bid Conference. In order to facilitate CCMB for proper conduct of the Pre-bid Conference, all prospective bidders are requested to kindly submit their queries (with envelope bearing Tender No. and Date on top and marked "Queries for Pre-bid Conference") so as to reach CCMB as indicated in Invitation to Bid or send the same by *e-mail* to *spo@ccmb.res.in*. CCMB shall answer the queries during the Pre-bid conference (PBC). Accordingly, CCMB's response to clarifications / amendments requested by prospective bidders during PBC or before it will become part of the bidding documents and would become binding on all the prospective bidders. These proceedings/ changes/amendments would also be hosted on CPPP website <a href="https://etenders.gov.in">https://etenders.gov.in</a> for the benefit of all the prospective bidders. Before formulating and submitting their bids, all prospective bidders are advised to surf through the CPPP website <a href="https://etenders.gov.in">https://etenders.gov.in</a> after the Pre-bid Conference with due care and diligence, in order to take cognizance of the changes/ amendments made in the bidding document subsequent to PBC, if any.

#### 1.7 <u>Amendment to Bidding Documents</u>

- 1.7.1. At any time prior to the due date for submission of bids, the Purchaser may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the bidding documents by amendment.
- 1.7.2. All prospective bidders who have downloaded the Tender Document should surf CPPP website <a href="https://etenders.gov.in">https://etenders.gov.in</a> from time to time to know about the changes / modifications in the Tender Document. The changes / modifications would also be hosted on the CPPP website <a href="https://etenders.gov.in">https://etenders.gov.in</a>. All prospective bidders are expected to surf the CPPP website <a href="https://etenders.gov.in">https://etenders.gov.in</a> before formulating and submitting their bids to take cognizance of the amendments, if any, before submission of bid.
- 1.7.3. In order to allow prospective bidders reasonable time to take the amendment into account while formulating their bids, the Purchaser, at its discretion, may extend the due date for the submission of bids and host the changes/ amendments on the CPPP website <a href="https://etenders.gov.in">https://etenders.gov.in</a>.

#### C. Preparation of bids

#### 1.8 <u>Language of Bid</u>

1.8.1. The bid prepared by the Bidder, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser, shall be written in English language only especially when the details are technical. However, if GOI makes it mandatory under Rajbhasha Abhiyan, in that case views of Rajbhasha unit of CSIR may be sought.

1.8.2. The Supplier shall bear all costs of translation, if any, to the English language and bear all risks of the accuracy of such translation, for documents provided by the Supplier.

#### 1.9 <u>Documents Comprising the E-Bid</u>

1.9.1 The E-bid shall comprise of the following documents as per the requirement of the Tender Document. The documents should be scanned and **uploaded in PDF format**.

SI.No.	Document Required	Reference Clause &Forms of
		tender document
1	Bid Security / EMD	1.15 & Chapter-8: Annexure-C
2	Bidder Information Form	Chapter-8: Annexure-A
3	Certificate of Incorporation/ Registration	5.1 (a)
4	Manufacturers Authorisation Form (MAF)	Chapter-8: Annexure-B
5	Agency Agreement / MOU	5.1 (b)
6	Eligibility Certificate	5.1 (c) & Chapter-8: Annexure-K
7	Self-Certificate: Non-Black Listing	5.1 (d) & Chapter-8: Annexure-L
8	Performance Statement Form (PSF)	5.2 (b) & Chapter-8: Annexure-D
9	Service Support Details	5.2 (c) &Chapter-8: Annexure-F
10	Detailed Technical Specifications & Scope of	Chapter-4
	Supply	
11	Schedule of Requirement	Chapter-3
12	Deviation Statement	Chapter-8: Annexure-E (Part-I &
		II)
13	Bid Form	Chapter-8: Annexure-G
14	Price Schedule Form (s)	Chapter-6

The documents comprising bid should be submitted in the above sequence in an orderly manner.

#### 1.9.2 Documents comprising Single Bid

All the above documents should be submitted in Single E-Bid.

#### 1.9.3 Documents comprising Two Bid (Technical Bid & Price Bid)

**Technical bid** - should comprise of documents listed from **Sr.No.1 to 12** and Bid Form & Price Schedule Form **without mentioning** prices and discount.

**Price Bid** - should comprise of Bid Form & Price Schedule **Form SI. No. 13 to 14** by **mentioning** prices and discount.

#### 1.10 Bid form and Price Schedule

The bidder shall complete the Bid Form and the appropriate Price Schedule form as given in Chapter- 6 furnished in the bidding documents. These forms must be completed without any alterations to its format and no substitutes shall be accepted. All blank spaces shall be filled in with the information requested. The Bid Form and the appropriate Price Schedule form shall be submitted in accordance with **ITB Clauses 1.9.2 & 1.9.3** of the bidding documents.

#### 1.11 <u>Bid Prices</u>

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

#### (a) For Goods manufactured within India:

i)	The price of the goods quoted Ex-works
ii)	GST which will be payable on the goods if the contract is awarded.
iii)	Charges for inland transportation, insurance and other local services required for

	delivering the goods at the desired destination as specified in the price schedule form, if
	any.
iv)	The installation, commissioning and training charges including any incidental services, if
	any.

#### (b) For Goods manufactured abroad:

i)	The price of the goods, quoted on FCA (named Airport abroad) or FOB (named port of
	shipment), as specified in the price schedule form.
ii)	The charges for insurance and transportation of the goods to the port / place of
	destination.
iii)	The agency commission charges payable to Indian agent in Indian rupees, if any.
iv)	The installation, commissioning and training charges including any incidental services, if
	any

- 1.11.3. The terms FOB, FCA, CIF, CIP, et shall be governed by the rules prescribed in the current edition of the INCOTERMS published by the International Chambers of Commerce, Paris.
- 1.11.4. Where there is no mention of packing, forwarding, freight, insurance charges, taxes etc. such offer shall be rejected as incomplete.
- 1.11.5. The price quoted shall remain fixed during the contract period and shall not vary on any account.
- 1.11.6. All lots and items must be listed and priced separately in the Price Schedules. If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items. Lots or items not listed in the Price Schedule shall be assumed to be not included in the bid.
- 1.11.7. The CSIR-CCMB is registered with Department of Scientific & Industrial Research(DSIR) as a public funded Research Institution and eligible to pay concessional Custom Duty @5.15% for the goods purchased for research purpose in terms of Government of India Notification No.51/96-Customs dated 23.07.1996 and No. 43/2017- Customs dt. 30.06.2017.
- 1.11.8. In case of imports the freight & insurance will be paid by the Purchaser, as the consignments are to be shipped through the Purchaser nominated freight forwarder.
- 1.11.9. The quotation should be only in Indian Rupees for indigenous items. In case of foreign quote, the vendors may quote their rates in Indian Rupees as well as in Foreign Currency.
- 1.11.10. In case of INR bids the price criteria should be on Free Delivery to CCMB, Hyderabad. Govt. Levies like GST etc., if any, shall be paid at actual rates applicable on the date of delivery. Rates should be quoted accordingly giving the basic price, GST etc., if any.
- 1.11.11. Custom Duty is levied on all import meant for CSIR-CCMB. Hence, the suppliers are requested to quote only on FOB/FCA basis, freight, insurance and custom duty as applicable to R&D Institutions will be paid by the Purchaser.
- 1.11.12. CSIR-CCMB is registered with Department of Scientific & Industrial Research (DSIR) as a public funded Research Institution and eligible for concessional GST (IGST@5% OR CGST@2.5%) made applicable for the goods purchased for research purpose in terms of Ministry of Finance (Department of Revenue) Notification No.47/2017-Integrated Tax dated 14.11.2017 & Notification No.45/2017-Central Tax dated 14.11.2017, as amended from time to time.
- **Note:** All payments due under the contract shall be paid after deduction of statutory levies at source (like TDS, TCS, etc.), as may be made applicable from time to time.

#### 1.12 <u>Bid Currencies</u>

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

#### 1.13 Documents Establishing Bidder's Eligibility and qualifications

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

- 1.13.2. The documentary evidence of the bidders qualification to perform the contract if the bid is accepted shall establish to the purchasers satisfaction that:
  - (a) The bidder meets the qualification criteria listed in bidding documents, if any.
  - (b) Bidder who doesn't manufacture the goods it offers to supply shall submit Manufacturers' Authorization Form using the form specified in the bidding document to demonstrate that it has been duly authorized by the manufacturer of the goods to quote and / or supply the goods.
  - (c) In case a bidder not doing business within India, it shall furnish the certificate to the effect that the bidder is or will be represented by an agent in India, equipped and able to carry out the supply, maintenance, repair obligations etc. during the warranty and post warranty period or ensure a mechanism at place for carrying out the supply, maintenance, repair obligations etc. during the warranty and post-warranty period.
- 1.13.3. Conditional tenders / offers shall **not** be accepted.

#### 1.14 Documents Establishing Goods' Eligibility and Conformity to Bidding Documents

- 1.14.1. To establish the goods' eligibility, the documentary evidence of the goods and services eligibility shall consist of a statement on the country of origin of the goods and services offered which shall be confirmed by a certificate of origin at the time of shipment.
- 1.14.2. To establish the conformity of the goods and services to the specifications and schedule of requirements of the bidding document, the documentary evidence of conformity of the goods and services to the bidding documents may be in the form of literature, drawings and data, and shall consist of :
  - (a) A detailed description of the essential technical and performance characteristics of the goods;
  - (b) A list giving full particulars, including available sources and current prices, of spare parts, special tools, etc., necessary for the proper and continuing functioning of the goods during the warranty period following commencement of the use of the goods by the Purchaser in the Price- bid; and
  - (c) An item-by-item 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.
- 1.14.3. For purposes of the commentary to be furnished pursuant to above, the Bidder shall note that standards for workmanship, material and equipment, designated by the Purchaser in its Technical Specifications are intended to be descriptive only and not restrictive. The Bidder may substitute these in its bid, provided that it demonstrates to the Purchaser's satisfaction that the substitutions ensure substantial equivalence to those designated in the Technical Specifications.

#### 1.15 Bid Security (BS) / Earnest Money Deposit (EMD)

1.15.1. The Bidder shall furnish, as part of its bid, a Bid security (BS) / Earnest Money Deposit (EMD) of amount as specified in NIT in the form of a Bank Guarantee / Demand Draft drawn on any Scheduled / Nationalized Bank in India in favour of the Director, CCMB, Hyderabad.

#### A. In case of Foreign Bidder(s):

- a) The BS shall be submitted either by the principal or by the Indian agent.
- b) The bidder who submits the tender on behalf of their principals should produce documentary evidence in support of their authority to quote.

#### B. In the case of indigenous bidders:

- a) The BS shall be submitted by the manufacturer or their specifically authorized dealer/bidder.
- 1.15.2. E-Bids submitted without BS/EMD will stand rejected. BS/EMD will not be accepted in the form of cash / cheque or any other form other than DD/Bank Guarantee as per format given in Chapter-8: **Annexure A.** No interest is payable on BS/EMD under any circumstances.
- 1.15.3. The bid security is required to protect the Purchaser against the risk of Bidder's conduct, which would warrant the Bid security's forfeiture.
- 1.15.4. The bid security shall be in Indian Rupees for offers received for supply within India and denominated in the currency of the bid or in any freely convertible foreign exchange in the case of offers received for supplies

from foreign countries in equivalent Indian Rupees. The bid security shall be in one of the following forms at the bidders' option:

(a) A Bank Guarantee (BG) issued by a Nationalized / Scheduled Bank operating in India in the form provided in the bidding documents and valid for 45 days beyond the validity of the bid. In case a bidder desires to submit a BG issued from a foreign bank, then the same should be confirmed and counter guaranteed by a Nationalised / Scheduled Indian bank;

OR

- (b) A Banker's cheque or Demand Draft in favour of the **DIRECTOR**, **CCMB** issued by any Nationalised / Scheduled Indian bank payable at **Hyderabad**.
- 1.15.5. The bid security shall be payable promptly upon written demand by the purchaser in case the conditions listed in the **ITB clause 1.15.11** are invoked.
- 1.15.6. The bid security should be submitted in its original form to the following address giving Tender reference:

STORES & PURCHASE OFFICER, CSIR\_CCMB, Habsiguda, Uppal Road, HYDERABAD-500007 (TELANGANA) - INDIA

Scanned Copy of Demand Draft/Bank Guarantee towards bid security should be uploaded along with the E-bid

- 1.15.7. Bid security / EMD is the mandatory requirement and exemption is applicable to the firms registered with NSIC only for the manufacture of the tendered goods and not for selling products manufactured by other companies.
- 1.15.8. The Bid Security of unsuccessful bidder will be discharged / returned as promptly as possible within a period of 30 days after the expiration of the period of bid validity or placement of order, whichever is later, without any interest thereon.
- 1.15.9. The successful Bidder's bid security shall be discharged upon only after the Bidder furnishing the Performance Security, without any interest. Alternatively, the BS could also be adjusted against Performance Security, if it is paid through Demand Draft / Banker's Cheque.
- 1.15.10. The receipt of Bid security before time and date of submission of bid is mandatory requirement. The bid is liable to be rejected if the bid security is not received within stipulated time.
- 1.15.11. The bid security may be forfeited:
- 1.15.12. Whenever the bidder chooses to submit the Bid Security in the form of Bank Guarantee, then he should advise the banker issuing the Bank Guarantee to immediately send by Registered Post (A.D.) an unstamped duplicate copy of the Guarantee directly to the Purchaser with a covering letter to compare with the original BG for the correctness, genuineness, etc.

#### 1.16 Period of Validity of Bids

- 1.16.1. Bids shall remain valid for minimum of **90 days** after the date of bid opening prescribed by the Purchaser. A bid valid for a shorter period shall be rejected by the Purchaser as non-responsive.
- 1.16.2. In exceptional circumstances, the Purchaser may solicit the Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing (or by fax or e-mail). The bid security provided shall also be suitably extended. A Bidder may refuse the request without forfeiting its bid security. A Bidder granting the request will not be required nor permitted to modify its bid.
- 1.16.3. Bid evaluation will be based on the bid prices without taking into consideration the above corrections.

#### 1.17 Format and Signing of Bid

- 1.17.1. The bids shall be submitted as Single-bid or Two-bid as specifically specified in the Invitation for Bids / NIT.
- 1.17.2. In case the bids are invited on single bid basis, then the Bidder shall submit E-bid comprising all documents listed under clause 1.9 relating to documents comprising the bid.
- 1.17.3. In case the bids are invited on TWO-BID SYSTEM, the Bidder shall submit E-bid in TWO SEPARATE PARTS. First Part shall contain TECHNICAL BID comprising all documents listed under clause relating to Documents Comprising the Bid excepting bid form and price schedule forms. The second part shall contain the PRICE BID comprising Bid Form and Price Schedule forms.
- 1.17.4. The scanned copies of the E-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 bid, except for unamended printed literature, shall be initialled by the person or persons signing the bid.
- 1.17.5. Any interlineations, erasures or overwriting shall be valid only if they are initialled by the person or persons signing the bid.

#### D. Submission of E-Bids

#### 1.18 Submission of E-Bids

- 1.18.1 Bids shall be submitted online **only** at CPPP website: <a href="https://etenders.gov.in">https://etenders.gov.in</a> **Manual/ Offline bids shall not be accepted under any circumstances.**
- 1.18.2 The Bidder shall download the Tender Enquiry Document directly from the website <a href="https://etenders.gov.in">https://etenders.gov.in</a> and shall not tamper/modify it in any manner. In case if the same is found to be tampered/modified in any manner, Tender/Bid will be summarily rejected and EMD would be forfeited.
- 1.18.3 The complete bidding process is online. Bidders should be in possession of valid **Digital Signature**Certificate (DSC) of Class III for online submission of bids. Prior to bidding DSC need to be registered on the website mentioned above. If the envelope is not digitally signed & encrypted the Purchaser shall not accept such open Bids for evaluation purpose and shall be treated as non-responsive and rejected.
- 1.18.4 Bidders are advised to go through "Bidder Manual Kit", "System Settings"&"FAQ" links available on the login page of the e-Tender portal for guidelines, procedures & system requirements. In case of any technical difficulty, Bidders may contact the help desk numbers & email ids mentioned at the e-tender portal. For submission of Bids every Bidder will be required to obtain a Class-III Digital Signature (DSC) or any other class as prescribed by CCP portal from time to time.
- 1.18.5 Bidders are advised to visit CPPP website <a href="https://etenders.gov.in">https://etenders.gov.in</a> regularly to keep themselves updated, for any changes/modifications in the Tender Enquiry Document.
- 1.18.6 Intending bidders are advised to visit CPPP website <a href="https://etenders.gov.in">https://etenders.gov.in</a> regularly till closing date of submission of bid, for any corrigendum.
- 1.18.7 The Bid Security (BS) /Earnest Money Deposit (EMD) shall be deposited through Bank Guarantee(BG) / Demand Draft (DD) drawn in favour of "Director, CCMB payable at Hyderabad". The original Bid Security/EMD must be delivered at address mentioned in Sr.No.2 of NIT till bid submission date and time, as mentioned in "Critical Date Sheet" failing which the bid shall be summarily rejected.
- 1.18.8 Purchaser shall receive the bids online through CPPP portal only. The e-Tender portal shall automatically stop accepting bids after the scheduled date and time specified in the Tender Document. Partially submitted bids shall be treated as invalid and shall not be processed.

#### 1.19 Due date for Submission of E-Bids

- 1.19.1. EMD/BS must be received by the Purchaser at the address specified in NIT not later than the time and date specified in NIT.
- 1.19.2. Bidders are advised to upload and submit their E-bids timely within due date for submission of E-Bids in view of the electronic process so as to avoid last minute issues.

1.19.3 The Purchaser may, at its discretion, extend the due date for submission of E-bids by amending the tender documents in accordance with Clause relating to Amendment of Bidding Documents in which case all rights and obligations of the Purchaser and Bidders previously subject to the due date will thereafter be subject to the due date as extended.

#### 1.20 Late Submission of EMD

- 1.20.1. Any bid security /EMD received by the Purchaser after the due date for submission of bids prescribed by the Purchaser is liable to be rejected.
- 1.20.2. Bidders must note that the *e-tender* portal shall not permit uploading of bids after the scheduled time of submission.

#### 1.21 Withdrawal, substitution and Modification of Bids

The bidder may withdraw, correct or modify his digitally signed bid after submission prior to the deadline for submission of bids, through provisions of e-tendering portal, as applicable.

#### E. Opening and Evaluation of E-Bids

#### 1.22 Opening of E-Bids by the Purchaser

- 1.22.1 The E-bids shall be opened online by authorised officials of the Purchaser as per schedule given in Critical Date Sheet.
- 1.22.2 In case, the day of bid opening is declared a holiday by the government, the E-bids will be opened on the next working day at the same time. No separate intimation shall be sent to the bidders in this regard.
- 1.22.3 Since, E-bid is an online process; the E-bid opening or any other process may be delayed due to any unforeseen technical/server issue. If any such issue arises, this will not be tantamount to process delay and CSIR-CCMB will not be responsible for the same.
- 1.22.4 On opening of bids online, accepting the bid will not mean that the firm is technically or financially qualified.

#### 1.23 Confidentiality

- 1.23.1. Information relating to the examination, evaluation, comparison, and post qualification of bids, and recommendation of contract award, shall not be disclosed to bidders or any other persons not officially concerned with such process until Award of the Contract (AOC).
- 1.23.2. Any effort by a Bidder to influence the Purchaser in the examination, evaluation, comparison, and post qualification of the bids or contract award decisions may result in the rejection of its Bid, at the discretion of Director, CCMB.

#### 1.24 Clarification of Bids

To assist in the examination, evaluation, comparison and post qualification of the bids, the Purchaser may, at its discretion, ask the Bidder for a clarification of its bid. The request for clarification and the response shall be in writing and no change in prices or substance of the bid shall be sought, offered or permitted. However, no negotiation shall be held except with the lowest bidder, at the discretion of the purchaser. Any clarification submitted by a bidder in respect to its bid which is not in response to a request by the purchaser shall not be considered.

#### 1.25 Preliminary Examination

- 1.25.1. The Purchaser shall examine the bids to confirm that all documents and technical documentation requested in **ITB Clause 1.9** have been provided, and to determine the completeness of each document submitted.
- 1.25.2. The Purchaser shall confirm that the following documents and information have been provided in the Bid. If any of these documents or information is missing, the offer shall be rejected.
  - (a) All the tenders received will first be scrutinized to see whether the tenders meet the basic requirements as incorporated in the tender enquiry document. The tenders, who do not meet the basic requirements,

will be treated as non-responsive and ignored. The following are some of the important points, for which a tender may be declared as non-responsive and will be ignored, during the initial scrutiny:

i	The Bid is unsigned
ii	The Bidder is not eligible
iii	The Bid validity is shorter than the required period
iv	The Bidder has quoted for goods manufactured by a different firm without the required
	authority letter from the proposed manufacturer
٧	Bidder has not agreed to give the required performance security
vi	The goods quoted are sub-standard, not meeting the required specification, etc.
vii	Against the Requirement (Scope of supply) the bidder has not quoted for the entire
	requirement as specified in Chapter 4
viii	The bidder has not agreed to some essential condition(s) incorporated in the tender.

(b) Bid Form and Price Schedule Form, in accordance with **ITB Clause1.10.** In case of **two-bid system** these forms shall be examined after opening of the Price Bids of the technically qualified bidders.

#### 1.26 Responsiveness of Bids

1.26.1. Prior to the detailed evaluation, the purchaser will determine the substantial responsiveness of each bid to the bidding documents. For purposes of this clause, a substantive responsive bid is one, which conforms to all terms and condition of the bidding documents without material deviations, reservations or omissions. A material deviation, reservation or omission is one that:

(a)	affects in any substantial way the scope, quality, or performance of the Goods and
	Related Services specified in the Tender; OR
(b)	limits in any substantial way, inconsistent with the Bidding Documents, the Purchaser's
	rights or the Bidder's obligations under the Proposed Contract; OR
(c)	if rectified, would unfairly affect the competitive position of other bidders presenting
	substantially responsive bids.

- 1.26.2. The Purchasers' determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.
- 1.26.3. If a bid is not substantially responsive, it will be rejected by the Purchaser and may not subsequently be made responsive by the Bidder by correction of the material deviation, reservation or omission.

#### 1.27 Non-Conformity, Error and Omission

- 1.27.1. Provided that a Bid is substantially responsive, the Purchaser may waive any non-conformities or omissions in the Bid that do not constitute a material deviation.
- 1.27.2. Provided that a bid is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify non-material non-conformities or omissions in the bid related to documentation requirements. Such omission shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.
- 1.27.3. Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis:

(a)	if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected;
(b)	if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
(c)	if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.

1.27.4. Provided that a bid is substantially responsive, the purchaser may request that a bidder may confirm the correctness of arithmetic errors as done by the purchaser within a target date. In case, no reply is received then the bid submitted shall be ignored and its Bid Security may be forfeited.

#### 1.28 Examination of Terms & Conditions, Technical Evaluation

- 1.28.1. The Purchaser shall examine the Bid to confirm that all terms and conditions specified in the GCC and the SCC have been accepted by the Bidder without any material deviation or reservation.
- 1.28.2. The Purchaser shall evaluate the technical aspects of the Bid submitted in accordance with **ITB Clause**1.14, to confirm that all requirements specified in Chapter 4 of the Bidding Documents have been met without any material deviation or reservation.
- 1.28.3. If, after the examination of the terms and conditions and the technical evaluation, the Purchaser determines that the Bid is not substantially responsive in accordance with **ITB Clause 1.26**, it shall reject the Bid.

#### 1.29 Conversion to Single Currency

To facilitate evaluation and comparison, 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 selling exchange rate established by any bank in India as notified in the Newspapers on the date of bid opening in the case of single bid and the rates prevalent on the date of opening of the Price Bids in case of two-bid. For this purpose, exchange rate notified in <a href="https://www.rbi.org">www.rbi.org</a> or any other website would be used by the purchaser.

#### 1.30 Evaluation and comparison of bids

- 1.30.1. The Purchaser shall evaluate each bid that has been determined, up to this stage of the evaluation, to be substantially responsive.
- 1.30.2. To evaluate a Bid, the Purchaser shall only use all the factors, methodologies and criteria defined below. No other criteria or methodology will be used.
- 1.30.3. The bids shall be evaluated on the basis of final landing cost which shall be arrived as under:

(a) For Goods manufactured within India

i)	The price of the goods quoted Ex-works
ii)	GST which will be payable on the goods if the contract is awarded.
iii)	Charges quoted for inland transportation, insurance and other local services required for delivering the goods at the desired destination as specified in the price schedule form, if any.
iv)	The installation, commissioning and training charges including any incidental services, if any, as given in Scope of Supply (Chapter 4)

#### (b) For Goods manufactured abroad

i)	The price of the goods, quoted on FCA (named Airport abroad) or FOB (named port of
	shipment), as specified in the price schedule form.
ii)	The charges for insurance and transportation of the goods to the port / place of destination
	i.e. CIP/CIF Price.
iii)	The agency commission charges payable to Indian agent in Indian rupees, if any.
iv)	The installation, commissioning and training charges including any incidental services, if
,	any

- 1.30.4. The comparison between the indigenous and the foreign offers shall be made on FOR destination basis and CIF / CIP basis respectively. However, the CIF / CIP prices quoted by any foreign bidder shall be loaded further as under:-
  - (a) Towards customs duty and other statutory levies—as per applicable rates.
  - (b) Towards custom clearance, inland transportation etc.- 2% of the CIF / CIP value.

**Note:** Where there is no mention of packing, forwarding, freight, insurance charges, taxes etc., such offers shall be rejected as incomplete.

1.30.5. In case of Purchase of many items against one tender, which are not inter- dependent or, where compatibility is not a problem, normally the comparison would be made on ex-works, (in case of indigenous

- items) and on FOB / FCA (in the case of imports) prices quoted by the firms for identifying the lowest quoting firm for each item.
- 1.30.6. Orders for Imported Goods need not necessarily be on FOB / FCA basis rather it can be on the basis of any of the **INCOTERMS** latest edition as may be amended from time to time by the ICC or any other designated authority and favourable to CSIR -CCMB.
- 1.30.7. Wherever the price quoted on FOB / FCA and CIF / CIP basis are the same, the Contract would be made on CIF / CIP basis only.
- 1.30.8. The GCC and the SCC shall specify the mode of transport i.e. whether by air / ocean / road / rail.

#### 1.31 Comparison of Bids

The Purchaser shall compare all substantially responsive bids to determine the lowest valuated bid, in accordance with **ITB Clause1.30**.

#### 1.32 Contacting the Purchaser

- 1.32.1. Subject to **ITB Clause 1.24,** no Bidder shall contact the Purchaser on any matter relating to its bid, from the time of the bid opening to the time the Contract is awarded.
- 1.32.2. Any effort by a Bidder to influence the Purchaser in its decisions on bid evaluation, bid comparison or contract award may result in rejection of the Bidder's bid.

#### 1.33 Post qualification

- 1.33.1. In the absence of pre-qualification, the Purchaser will determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated responsive bid is qualified to perform the contract satisfactorily, in accordance with the criteria listed in **ITB Clause 1.13.**
- 1.33.2. The determination will take into account the Eligibility& Qualification criteria listed in the bidding documents and will be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, as well as such other information as the Purchaser deems necessary and appropriate.
- 1.33.3. 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.

#### F. Award of contract

#### 1.34 Negotiations

Normally, there shall not be any negotiation. Negotiations, if at all, shall be an exception and only in the case of items with limited source of supply. Negotiations shall be held with the lowest evaluated responsive bidder. Counter offers tantamount to negotiations, shall be treated at par with negotiations.

#### 1.35 Award Criteria

Subject to **ITB Clause 1.37**, the Purchaser will award the contract to the successful Bidder whose bid has been determined to be substantially responsive and has been determined to be the lowest evaluated bid, provided further that the Bidder is determined to be qualified to perform the contract satisfactorily. The details of the award would be hosted on the CPPP website <a href="https://etenders.gov.in">https://etenders.gov.in</a>.

#### 1.36 Purchaser's right to vary Quantities at Time of Award or later

The Purchaser reserves the right at the time of Contract award to increase or decrease the quantity of goods and services originally specified in the Chapter 4 without any change in unit price or other terms and conditions. Further, at the discretion of the purchaser, the quantities in the contract may be enhanced by 30% within the delivery period.

#### 1.37 Purchaser's right to accept any Bid and to reject any or all Bids

The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to award of Contract, without thereby incurring any liability to the affected Bidder or Bidders.

#### 1.38 Notification of Award

- 1.38.1. Prior to the expiration of the period of bid validity, the Purchaser will notify the successful bidder in writing by registered letter or by cable or telex or fax or *e-mail* that the bid has been accepted and a separate purchase order shall follow through post.
- 1.38.2. Until a formal contract is prepared and executed, the notification of award should constitute a binding contract.
- 1.38.3. Upon the successful Bidder's furnishing of the signed Contract Form and Performance Security pursuant to **ITB Clause 1.41**, the Purchaser will promptly notify each unsuccessful Bidder and discharge its bid security.

#### 1.39 Signing of Contract

- 1.39.1. Promptly after notification, the Purchaser shall send the successful Bidder the Purchase Order.
- 1.39.2. Within twenty-one (21) days of date of the Purchase Order, the successful Bidder shall enter into Contract Agreement as per Chapter 7.

#### 1.40 Order Acceptance

- 1.40.1. The successful bidder should submit Order acceptance within 15 days from the date of issue of Purchase Order, failing which it shall be presumed that the vendor is not interested and his bid security is liable to be forfeited pursuant to **ITB Clause1.15.11** at the discretion of Director, CCMB.
- 1.40.2. The order acceptance must be received within 15 days. However, the Purchaser has the powers to extend the time frame for submission of order acceptance and submission of Performance Security (PS). Even after extension of time, if the order acceptance / PS are not received, the contract shall be cancelled and limited tenders irrespective of the value shall be invited from the responding firms after forfeiting the bid security of the defaulting firm, where applicable, provided there is no change in specifications. In such cases the defaulting firm shall not be considered again for re-tendering in the particular case.

#### 1.41 <u>Performance Security</u>

Within 21 days of receipt of the notification of award / Purchase Order as per the GCC Clause 2.12, the Supplier shall furnish Performance Security for the amount specified in SCC, valid for the time 60 days after the warranty period.

#### 1.42 Assistance to Bidders:

- 1.42.1 Any queries relating to the Tender Enquiry Document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the NIT.
- 1.42.2 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.

## CHAPTER 2 CONDITIONS OF CONTRACT

#### A. GENERAL CONDITIONS OF CONTRACT

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Note: The General Conditions of Contract shall form the part of Purchase Order / Contract.

#### **A.GENERAL CONDITIONS OF CONTRACT**

#### 2.1. Definitions

The following words and expressions shall have the meanings hereby assigned to them:

Sr. No	Words / Expressions	Meaning
(a)	Contract	The Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.
(b)	Contract Documents	The documents listed in the Contract Agreement, including any amendments thereto.
(c)	Contract Price	subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract.
(d)	Day	Calendar day
(e)	Completion	The fulfilment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.
(f)	GCC	The General Conditions of Contract.
(g)	Goods	All of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract
(h)	Services	The services incidental to the supply of the goods, such as transportation, insurance, installation, training and initial maintenance and other such obligations of the Supplier under the Contract.
(i)	SCC	The Special Conditions of Contract.
(j)	Subcontractor	Any natural person, private or government entity, or a combination of the above, to which any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.
(k)	Supplier	The natural Person, Private or Government entity, or a combination of the above, whose bid to perform the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.
(I)	Council	The Council of Scientific & Industrial Research (CSIR), registered under the Societies Registration Act, 1860 of the Government of India having its registered office at 2, Rafi Marg, New Delhi-110001, India.
(m )	Purchaser	Any of the constituent Laboratory/Institute of the Council situated at any designated place in India as specified in SCC
(n)	The final destination	The place named in the SCC.

#### 2.2 <u>Contract Documents</u>

- 2.2.1 Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole.
- 2.2.2 Successful bidder shall have to enter into Contract Agreement on **Rs.500/** non judicial stamp paper as per Contract Form given in Chapter 7 within 21 days of placement of Purchase Order having value above Rs. 25 lakh or equivalent amount in Foreign Currency.

#### 2.3 Fraud and Corruption

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

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

I	Corrupt practice	The offering, giving, receiving, or soliciting, directly or indirectly, of
		anything of value to influence the action of a public official in the
		procurement process or in contract execution
II	Fraudulent	A misrepresentation or omission of facts in order to influence a

	practice	procurement process or the execution of a contract
III	Collusive practice	A scheme or arrangement between two or more bidders, with or without
		the knowledge of the Borrower, designed to establish bid prices at artificial, non-competitive levels
IV	Coercive practice	Harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract

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

#### 2.4 Joint Venture, Consortium or Association/Amalgamation/Acquisition, Patent Indemnity etc.

If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfilment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser.

#### 2.4.1. Amalgamation/Acquisition etc.:

In the event the Manufacturer/Supplier proposes for amalgamation, acquisition or sale its business to any firm during the contract period, the Buyer/Successor of the Principal Company are liable for execution of the contract and also fulfilment of contractual obligations i.e. supply, installation, commissioning, warranty, maintenance/replacement of spares accessories etc. You may confirm this condition while submitting the bid.

#### 2.4.2 Indemnity Bond

In order to safeguard the interest of CCMB, the supplier should submit Indemnity Bond as given in Chapter-8 (Annexure-J) on Rs.500/- non judicial stamp paper within 21 days of placing of the order for Purchase Order having value above Rs. 25 Lakh or equivalent amount in Foreign Currency.

#### 2.4.3 Patent Indemnity

a) The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 2.4.3(a), indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:

(I)	the installation of the Goods by the Supplier or the use of the Goods in India	
	AND	
(II)	the sale in any country of the products produced by the Goods	

b) If any proceedings are brought or any claim is made against the Purchaser, the Purchaser shall promptly give the Supplier a notice thereof and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claims.

#### 2.5 Scope of Supply

Scope of Supply (i.e. the Goods to be supplied and Related Services to be performed)shall be as specified in the **Chapter-4** clause 4.2 read with **ANNEXURE - M**.

#### 2.6 Suppliers' Responsibilities

The Supplier shall supply all the Goods and perform all Related Services included in the Scope of Supply-Clause 2.5 of the GCC and the Delivery &Completion Schedule, as per GCC Clause 2.15 relating to delivery and document.

#### 2.7 Contract price

Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid.

#### 2.8 Copy Right

The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party

#### 2.9 Application

These General Conditions shall apply to the extent that they are not superseded by provisions in other parts of the Contract.

#### 2.10 Standards

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

#### 2.11 Use of Contract Documents and Information

- 2.11.1 The Supplier shall not, without the Purchaser's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample or information furnished by or on behalf of the Purchaser in connection therewith, to any person other than a person employed by the Supplier in performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far, as may be necessary for purposes of such performance.
- 2.11.2 The Supplier shall not, without the Purchaser's prior written consent, make use of any document or information enumerated above except for purposes of performing the Contract.
- 2.11.3 Any document, other than the Contract itself, enumerated above shall remain the property of the Purchaser and shall be returned (in all copies) to the Purchaser on completion of the Supplier's performance under the Contract if so required by the Purchaser.

#### 2.12 Performance Security (PS)

- 2.12.1 Within 21 days of receipt of the notification of award of contract / Purchase Order, the Supplier shall furnish performance security in the amount specified in SCC, valid till 60 days after the warranty period. Alternatively, the PS may also be submitted at the time of release of final payment in cases where part payment is made against delivery & part on installation. The PS, where applicable, shall be submitted in advance for orders where full payment is to be made on Letter of Credit (LC) or on delivery. In this case, submission of PS at the time of negotiation of documents through Bank would be stipulated as a condition in the LC and the BS should be kept valid till such time the PS is submitted.
- 2.12.2 The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.
- 2.12.3 The Performance Security shall be denominated in Indian Rupees for the offers received for supplies within India and denominated in the currency of the contract in the case of offers received for supply from foreign countries.
- 2.12.4 In the case of imports, the PS may be submitted either by the principal or by the Indian agent and, in the case of purchases from indigenous sources, the PS may be submitted by the manufacturer or their authorized dealer / bidder.
- 2.12.5 The Performance security shall be in one of the following forms:
  - (a) A Bank guarantee or stand-by Letter of Credit issued by a Nationalized / Scheduled bank located in India or a bank located abroad in the form provided in the bidding documents to be counter guaranteed / endorsed by a Nationalized / Scheduled bank located in India OR
     (b) A Banker's cheque or Account Payee demand draft in favour of the Director, CCMB

- 2.12.6 The performance security will be discharged by the Purchaser and returned to the Supplier preferably within 60 days following the date of completion of the Supplier's performance obligations, including any warranty obligations, unless specified otherwise in SCC, without levy of any interest.
- 2.12.7 In the event of any contract amendment, the supplier shall, within 21 days of receipt of such amendment, furnish the amendment to the performance security, rendering the same valid for the duration of the contract, as amended for further period of 60 days thereafter.
- 2.12.8 The order confirmation should be received within 15 days from the date of notification of award. However, the Purchaser has the powers to extend the time frame for submission of order confirmation and submission of Performance Security (PS). Even after extension of time, if the order acceptance and PS are not received, the contract shall be cancelled and limited tenders irrespective of the value would be invited from the responding firms after forfeiting the bid security of the defaulting firm, where applicable provided there is no change in specifications. In such cases the defaulting firm would not be considered again for re-tendering in the particular case.
- 2.12.9 Whenever, the bidder chooses to submit the Performance Security in the form of Bank Guarantee, and then he should advise the banker issuing the Bank Guarantee to immediately send by Registered Post (A.D.) an unstamped duplicate copy of the Guarantee directly to the Purchaser with a covering letter to compare with the original BG for the correctness, genuineness, etc.

#### 2.13 Installation, Commissioning, Demonstration, Inspections and Tests

Bidder shall be solely responsible for Installation, Commissioning, Demonstration, Inspections and Tests wherever applicable and for after sales service during the warranty and thereafter as specified in Chapter 4.

#### 2.14 Packing

- 2.14.1. The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.
- 2.14.2. The packing, marking and documentation within and outside the packages shall comply strictly with such special requirements as shall be provided for in the Contract including additional requirements, if any, specified in SCC and in any subsequent instructions ordered by the Purchaser.

#### 2.15 Delivery and Documents

2.15.1. Delivery of the Goods and completion and related services shall be made by the Supplier in accordance with the terms specified by the Purchaser in the contract. The details of shipping and/or other documents to be furnished by the supplier are as given below or /and as specified in SCC.

Deta	ills of Shipping and other Documents to be furnished by the Supplier are :		
A)	For goods manufactured or supplied from within India		
	Within 24 hours of dispatch, the supplier shall invariably notify the purchaser (Pre-alert) the		
	complete details of dispatch and also supply following documents by registered post / speed		
	post and copies thereof by FAX/email		
(a)	Three copies of Supplier's Invoice indicating, inter-alia description and specification of the		
	goods, quantity, unit price, total value		
(b)	Packing list		
(c)	Certificate of country of origin		
(d)	Insurance certificate, if required under the contract		
(e)	Railway receipt/Consignment note		
(f)	Manufacturer's warranty certificate and in-house inspection certificate, if any		
(g)	Inspection certificate issued by purchaser's inspector, if any		
(h)	Any other document(s) as and when required in terms of the contract		
NOT	E:		
1	The nomenclature used for the item description in the invoice(s), packing list(s) and the		
	delivery note(s) etc. should be identical to that used in the contract. The dispatch particulars		
	including the name of the transporter should also be mentioned in the Invoice(s).		
2	The above documents should be received by the Purchaser before arrival of the Goods and,		
	if not received, the Supplier will be responsible for any consequent expenses.		

B)	For goods manufactured or supplied from abroad
	Within 24 hours of dispatch, the supplier shall notify the purchaser the complete details of
	dispatch and also supply following documents by Registered Post / courier and copies
	thereof by FAX.
(a)	Three copies of supplier's Invoice giving full details of the goods including quantity, value,
	etc.
(b	Packing list
(c)	Certificate of country of origin
(d)	Manufacturer's warrantee and Inspection certificate, if any
(e)	Inspection certificate issued by the Purchaser's Inspector, if any
(f)	Insurance Certificate, if required under the contract
(g)	Name of the Vessel / Carrier
(h)	Bill of Lading / Airway Bill
(i)	Port of Loading
(j)	Date of Shipment
(k)	Port of Discharge & expected date of arrival of goods
(l)	Any other document(s) as and when required in terms of the contract
NO	ΓE:
1 The nomenclature used for the item description in the invoice(s), packing list(s) and the	
	delivery note(s) etc. should be identical to that used in the contract. The dispatch particulars
	including the name of the transporter should also be mentioned in the Invoice(s).
2	The above documents should be received by the Purchaser before arrival of the Goods and,
	if not received, the Supplier will be responsible for any consequent expenses.
	The clearing of the consignment at Hyderabad Airport shall be done by our authorized
	Custom House Agents (CHA). The corresponding shipping documents may be forwarded to
	them accordingly. It is advised to give us and our CHA, a pre-alert before the consignment
	is dispatched. If there is delay in clearing of the consignment for <u>not</u> giving timely pre-alert
	then demurrage (Ware house charges), if applicable has to be refunded to us.

- 2.15.2. The terms FOB, FCA, CIF, CIP etc. shall be governed by the rules prescribed in the current edition of the **INCOTERMS** published by the International Chambers of Commerce (ICC), Paris.
- 2.15.3. The mode of transportation shall be as specified in SCC.
- 2.15.4. The Bidders may please note that the delivery of the system should be strictly within delivery schedule mentioned in the Chapter-4 / Purchase Order.
- 2.15.5. Goods should not be dispatched until the vendor receives a firm Purchase Order from CCMB.

#### 2.16 Insurance

- 2.16.1. Indigenous goods, the Goods supplied under the Contract shall be fully insured in Indian Rupees against any loss or damage incidental to manufacture or acquisition, transportation, storage and delivery in the manner specified in SCC.
- 2.16.2. Where delivery of the goods is required by the purchaser on CIF / CIP basis for imported goods or FOR destination for Indigenous goods, the supplier shall arrange and pay for Marine / Transit Insurance, naming the purchaser as beneficiary and initiate & pursue claims till settlement, in the event of any loss or damage.
- 2.16.3. Where delivery is on FOB or FCA basis for imported goods or FOR dispatch station for indigenous goods, then insurance would be the responsibility of the purchaser.
- 2.16.4. The equipments to be supplied will be insured by the supplier against all risks of loss or damage from the date of shipment till such time it is delivered at CCMB site in case of Rupee transaction
- 2.16.5. With a view to ensure that claims on insurance companies, if any, are lodged in time, the Bidders and / or the Indian agent shall be responsible for follow up with their principals for ascertaining the dispatch details and informing the same to the Purchaser and he shall also liaise with the Purchaser to ascertain the arrival of the consignment after clearance so that immediately thereafter in his presence the consignment could be opened and the insurance claim be lodged, if required, without any loss of time. Any delay on the part of the Bidder / Indian Agent would be viewed seriously and he shall be directly responsible for any loss sustained by the Purchaser on the event of the delay.

#### 2.17 Transportation

- 2.17.1. Where the Supplier is required under the Contract to deliver the Goods on FOB basis, transport of the Goods, up to and including the point of putting the Goods on board the vessel at the specified port of loading, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract price. Where the Supplier is required under the Contract to deliver the Goods on FCA basis, transport of the Goods and delivery into the custody of the carrier at the place named by the Purchaser or other agreed point shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract price.
- 2.17.2. Where the Supplier is required under the Contract to deliver the Goods CIF or CIP, transport of the Goods to the port of destination or such other named place of destination in the Purchaser's country, as shall be specified in the Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.
- 2.17.3. In the case of supplies from within India, where the Supplier is required under the Contract to transport the Goods to a specified destination in India, defined as the Final Destination, transport to such destination, including insurance and storage, as specified in the Contract, shall be arranged by the Supplier, and the related costs shall be included in the Contract Price.
- 2.17.4. The clearing of the consignment at Hyderabad Airport / ICD shall be done by CCMB's authorized Custom House Agents (CHA) for CIP / CIF consignments. The details of CHA will be given in the Purchase Order. The corresponding shipping documents may be forwarded to them accordingly. It is mandatory to give CCMB and its authorised CHA, a **pre-alert** before the consignment is dispatched. If there is delay in clearing of the consignment for <u>not</u> giving timely pre-alert, demurrage (Ware house charges), penalty, etc., if applicable, has to be refunded to us by the Supplier / Indian Agent or the same will be deducted from any payment due to Supplier / Indian Agent against this order or any other Purchase order.

#### 2.18 <u>Incidental Services</u>

The supplier may be required to provide any or all of the services, including training, if any, as specified in **Chapter 4: Clause-4.2** read with **Annexure - M.** 

#### 2.19 Spare Parts

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

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

#### 2.20 Warranty

- a) The Supplier shall warrant that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.
- b) The Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in India.
- c) Unless otherwise specified in the SCC, the warranty shall remain valid for THIRTY SIX (36) months after the Goods, or any portion thereof as the case may be, have been delivered and successfully installed and accepted at the final destination, as indicated in the SCC.
- d) The warranty on the associated software should cover providing of upgraded version/s, if any, released during the warranty period free of cost.

- e) The bidder shall assure the supply of spare parts after warranty is over for maintenance of the equipment supplied if and when required for a period of **10 years** from the date of supply of equipment on payment on approved price list basis.
- f) The equipment must be supported by a Service Centre manned by the principal vendor's technical support engineers. The support through this Centre must be available 24 hours in a day, seven days a week and 365 days a year. Also it should be possible to contact the Principal's vendor support Centre on a toll free number/web/mail.
- g) An undertaking from the manufacturer is required in this regard stating that they would facilitate the Bidder, Service provider on regular basis with technology / product updates & extend support for the warranty as well.
- h) Supplier will have to arrange for all the testing equipment & tools required for installation, testing & maintenance etc.
- i) The Principal Supplier must have a local logistics support by maintaining a local spares depot in the country of deployment of the equipment. This is to ensure immediate delivery of spares parts from Principal Supplier of equipment to its channel partner/system integrator.
- j) Details of onsite warranty, Name of Agency that shall maintain during warranty and undertake Annual Maintenance Contract/Comprehensive Service Maintenance Contract beyond warranty shall be given in the offer. In case of foreign quote, the name of Indian Agent who shall maintain during warranty and AMC beyond warranty shall be given in the Technical Offer.
- k) The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.
- I) Upon receipt of such notice, the Supplier shall, within a reasonable period of time, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.
- m) If having been notified, the Supplier fails to remedy the defect within a reasonable period of time; the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.
- n) In case the Equipment / System remains non-operational or performs below the desired level for more than 1 week after intimation of the fault in the Equipment / System then Warranty period shall be extended for further period for which Equipment / System remained non-operational or performed below the desired level, without prejudice to any other terms and conditions of the Contract.
- o) The defects, if any, during the warranty period are to be rectified **free of charge** by arranging free replacement wherever necessary.
- p) In case of any replacement during the warranty period the same shall be made free of cost i.e. DDP for import replacement and/or free delivery to CCMB for indigenous replacement. All the duties / taxes relating to these replacements have to be borne by the supplier. Dispatch details of such warranty replacements have to be informed in advance to enable us to provide documents for custom clearance.
- q) Any replacements during warranty period should be free of cost. If the defective item has to be sent back to the Principal Supplier, for such replacements / returns to the Principal Supplier / Indian Agent has to bear documentation charges. If the cost of replacement is uptoRs. 5 Lakh then the documentation charges will be Rs. 5,000 and above Rs. 5 Lakh it is Rs. 10,000. Such charges have to be paid in favour of The Director, CCMB, Hyderabad. These charges are only for documentation. Any charges regarding packing, forwarding, freight, insurance, etc. should be borne by the Principal supplier / Indian Agent for returning of defective items. In other words, any warranty replacement has to be done immediately/within a week (7 days) without expecting CCMB to export the defective items to Principal supplier for repair/replacements. All charges involved for re-export of defective items have to be borne by Principal supplier / Indian Agent.

#### 2.21 <u>Terms of Payment</u>

2.21.1. The method and conditions of payment to be made to the Supplier under this Contract shall be as specified in the SCC.

- 2.21.2. The Supplier's request(s) for payment shall be made to the Purchaser in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and the Services performed, and by documents, submitted pursuant to Delivery and document Clause of the GCC and upon fulfilment of other obligations stipulated in the contract.
- 2.21.3. Payments shall be made promptly by the Purchaser but in no case later than thirty (30) days after submission of the Invoice or claim by the Supplier.
- 2.21.4. Payment shall be made in currency as indicated in the contract.

#### 2.22 Change Orders and Contract Amendments

2.22.1. The Purchaser may at any time, by written order given to the Supplier pursuant to Clause on Notices of the GCC make changes within the general scope of the Contract in any one or more of the following:

a) Drawings, designs, or specifications, where Goods to be furnished under the Conf	
-	to be specifically manufactured for the Purchaser;
b)	The method of shipping or packing;
c)	The place of delivery; and/or
d)	The Services to be provided by the Supplier.
e)	The delivery schedule.
f)	Payment Term

- 2.22.2. If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or delivery schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this clause must be ascertained within fifteen (15) days from the date of the Supplier's receipt of the Purchaser's change order.
- 2.22.3. No variation or modification in the terms of the contract shall be made except by written amendment signed by the parties.

#### 2.23 Assignment

The Supplier shall not assign, in whole or in part, its obligations to perform under the Contract, except with the Purchaser's prior written consent.

#### 2.24 Subcontracts

The Supplier shall notify the Purchaser in writing of all subcontracts awarded under this Contract if not already specified in the bid. Such notification, in the original bid or later, shall not relieve the Supplier from any liability or duties or obligation under the Contract.

#### 2.25 Extension of time

- 2.25.1. Delivery of the Goods and performance of the Services shall be made by the Supplier in accordance with the Delivery schedule specified by the Purchaser.
- 2.25.2. If at any time during performance of the Contract, the Supplier or its sub-contractor(s) should encounter conditions impeding timely delivery of the Goods and performance of Services, the Supplier shall promptly notify the Purchaser in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may, at its discretion, extend the Supplier's time for performance with or without penalty, in which case the extension shall be ratified by the parties by amendment to the Contract.
- 2.25.3. Except as provided under the Force Majeure clause of the GCC, a delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of penalty pursuant to Penalty Clause of the GCC unless an extension of time is agreed upon by CCMB pursuant to above clause without the application of penalty clause.

#### 2.26 Penalty clause

Subject to GCC Clause on Force Majeure, if the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Purchaser shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as penalty, a sum equivalent to the percentage specified in SCC of the delivered price of the delayed Goods or unperformed Services or contract value for each week or part thereof of delay until actual delivery or performance, up to a maximum

deduction of the Percentage specified in SCC. Once the maximum is reached, the Purchaser may consider termination of the Contract pursuant to GCC Clause on Termination for Default. The SCC shall also indicate the basis for ascertaining the value on which the penalty shall be applicable.

#### 2.27 Termination for Default

- 2.27.1. The Purchaser may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the Supplier, terminate the Contract in whole or part:
  - (a) If the Supplier fails to deliver any or all of the Goods within the period(s) specified in the contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause on Extension of Time;
  - (b) If the Supplier fails to perform any other obligation(s) under the Contract
  - (c) If the Supplier, in the judgment of the Purchaser has engaged in corrupt or fraudulent or collusive or coercive practices as defined in GCC Clause on Fraud or Corruption in competing for or in executing the Contract.
- 2.27.2. In the event the purchaser terminates the contract in whole or in part, he may take recourse to any one or more of the following action:
  - (a) The Performance Security/EMD will be forfeited;
  - (b) The Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods similar to those undelivered, and the supplier shall be liable for all available actions against it in terms of the contract.
  - (c) However, the supplier shall continue to perform the contract to the extent not terminated.

#### 2.28 Force Majeure

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

#### 2.29 Termination for Insolvency

The Purchaser may at any time terminate the Contract by giving written notice to the Supplier, if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy, which has accrued or will accrue thereafter to the Purchaser.

#### 2.30 Termination for Convenience

2.30.1. The Purchaser, by written notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

2.30.2. The Goods that are complete and ready for shipment within 30 days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:

(a)	(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 / Services and for materials and parts previously procured by the Supplier	

#### 2.31 <u>Settlement of Disputes</u>

- 2.31.1. The Purchaser and the supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.
- 2.31.2. If, after twenty-one (21) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract.
- 2.31.3. The dispute settlement mechanism / arbitration proceedings shall be concluded as under:
  - (a) In case of Dispute or difference arising between the Purchaser and a domestic supplier relating to any matter arising out of or connected with this agreement, such disputes or difference shall be settled in accordance with the Indian Arbitration & Conciliation Act, 1996, the rules there under and any statutory modifications or re-enactments thereof shall apply to the arbitration proceedings. The dispute shall be referred to the **Director General**, **Council of Scientific & Industrial Research**, New Delhi and if he is unable or unwilling to act, to the sole arbitration of some other person appointed by him willing to act as such Arbitrator. The award of the Arbitrator so appointed shall be final, conclusive and binding on all parties to the Contract.
  - (b) In the case of a dispute between the purchaser and a Foreign Supplier, the dispute shall be settled by arbitration In accordance with provision of sub-clause (a) above. But if this is not acceptable to the supplier then the dispute shall be settled in accordance with provisions of UNCITRAL (United Nations Commission on International Trade Law) Arbitration Rules.
- 2.31.4. The venue of the arbitration shall be **Hyderabad**, India only.
- 2.31.5. Notwithstanding any reference to arbitration herein,
  - (a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and
  - (b) the Purchaser shall pay the Supplier any monies due the Supplier at the discretion of Director, CSIR-CCMB

#### 2.32 Governing Language

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

#### 2.33 Applicable Law / Jurisdiction

The Contract shall be interpreted in accordance with the laws of the Union of India and all disputes shall be subject to competent courts at Hyderabad only..

#### 2.34 Notices

- 2.34.1. Any notice given by one party to the other pursuant to this contract / order shall be sent to the other party in writing or by cable, telex, FAX, e-mail or / and confirmed in writing to the other party's address specified in the SCC.
- 2.34.2. A notice shall be effective when delivered or on the notice's effective date, whichever is later.

#### 2.35 Taxes and Duties

- 2.35.1. For goods manufactured outside India, the Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside India.
- 2.35.2. For goods Manufactured within India, the Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred till its final manufacture / production.
- 2.35.3. If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in India, the Purchaser shall make its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.
- 2.35.4. All payments due under the contract shall be paid after deduction of statutory levies (at source) (like ESIC, IT, etc.) wherever applicable.

#### 2.36 Right to use Defective Goods

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

#### 2.37 Protection against Damage

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

- (a) Voltage 230 volts Single phase or 415 Volt for 3 phase (±10%)
- (b) Frequency 50 Hz.

#### 2.38 Site preparation and installation

The Purchaser is solely responsible for the construction of the equipment sites unless otherwise specified in Chapter 4 in compliance with the technical and environmental specifications defined by the Supplier. The Purchaser will designate the installation sites before the scheduled installation date to allow the Supplier to perform a site inspection to verify the appropriateness of the sites before the installation of the Equipment, if required. The supplier shall inform the purchaser about requirement of the site preparation, if any, needed for installation of the goods at the purchaser's site immediately after notification of award / contract.

#### 2.39 Integrity Pact

- 2.39.1. As per directive of the CVC all organizations including CSIR laboratories / institutes have to adopt an Integrity pact (IP) to ensure transparency, equity and competitiveness in major Public procurement having procurement value above Rs.3 Crore. The Integrity pact envisages an agreement between the prospective bidders / vendors with the buyer committing the persons / officials of both the parties with the aim not to exercise any corrupt influence on any aspect of the contract. Only those bidders / vendors, who are willing to enter in to such an integrity pact with the Purchaser, would be competent to participate in the bidding.
- 2.39.2. IP also envisages Panel of Independent External Monitors (IEMs) which shall be provided / recommended by CSIR / its labs and institutes with the approval of by CVC, if required.
- 2.39.3. The integrity Pact would be effective from the date of invitation of bids till complete execution of the contract.
- 2.39.4. The SCC shall specify whether there is a need to enter into a separate integrity pact or not. If the Integrity Pact is required for the Tender then the format of Integrity Pact is as given in **Chapter 8.**

#### B. SPECIAL CONDITIONS OF CONTRACT (SCC)

The following Special Conditions of Contract (SCC) shall supplement and / or amend the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

	of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.				
GCC Clause GCC 2.1(m)	Special Condition of Contract (SCC) The Purchaser is:				
GCC 2.1(III)	The Fulchaser is.				
	THE DIRECTOR				
	CSIR- Centre for Cellular & Molecular Biology (CCMB),				
	Habsiguda, Uppal Road,				
	Hyderabad – 500007				
	Telangana, India.				
	Tel #: 00 91 40 2719 2681				
	Fax #: 00 91 40 2716 0252				
	Email:spo@ccmb.res.in Website: www.ccmb.res.in				
GCC 2.1(n)	The Final Destination is:				
300 2.1(11)					
	CSIR-Centre for Cellular & Molecular Biology (CCMB),				
	Habsiguda, Uppal Road, HYDERABAD-500007				
	(TELANGANA)- INDIA				
GCC 2.12.1	Performance Security(PS)/ Performance Bank Guarantee (PBG) – 10 % of Purchase Order/				
000 2.12.1	contract value.				
GCC 2.14.2	The marking and documentation within and outside the packages shall be marked with proper				
	paint / indelible ink.				
	(a) Each package should have a packing list within it detailing the Part No.(s), description,				
	quantity etc.				
	(b) Outside each package, the Contract No., the name and address of the Purchaser and the Final destination should be indicated on all sides and top.				
	(c) Each package should be marked as 1/x, 2/x, 3/xx/x, where "x" is the total No. of				
	packages contained in the consignment.				
	(d) All the sides and top of each package should carry an appropriate indication / label / stickers				
	indicating the precautions to be taken while handling / storage.				
GCC 2.15.3	(a) In case of supplies from within India, the <b>mode of transportation</b> shall be by <b>Air / Rail /</b>				
	Road.				
GCC 2.16.1	(b) In case of supplies from abroad, the <b>mode of transportation</b> shall be by <b>Air/Sea</b> .  The <b>Insurance</b> shall be for an amount equal to <b>110% of the CIF or CIP</b> value of the contract from				
GCC 2.16.1	"warehouse to warehouse (final destination)" on "all risk basis" including strikes, riots and civil				
	commotion, in addition to <b>storage policy for 60 days</b> is required so as to ensure the inspection by				
	the Indian Agent / Service Engineer of supplier at the time of opening the packages.				
	and making grown control in give or a supplied and an or a supplied and parameters				
GCC 2.20 (c)	The period of validity of the Warranty shall be:				
	The assessment of the line we're all it for THIRTY ON (OO) we also a fixed by Oo also are a section than of				
	The <b>warranty</b> shall remain valid <i>for</i> <b>THIRTY SIX (36)</b> months after the Goods, or any portion thereof as the case may be, have been delivered and accepted after successful installation and satisfactory				
	commissioning at the final destination.				
GCC 2.21.1	The <b>method and conditions of payment</b> to be made to the Supplier under this Contract shall be as				
	follows:				
	A Payment for Goods supplied from abroad:				
	Payment of foreign currency portion shall be made in currency of the Contractin the following				
	manner:				
	(a) On Shipment: Ninety (90)% percent of the Contract Price of the Goods shipped shall be paid				
	through irrevocable Letter of credit (LC) opened in favour of the Supplier in a bank in its				
	country, upon submission of documents specified in GCC Clause 2.15.				
	(b) On Acceptance: Ten (10)% percent of the Contract Price of Goods received shall be paid				
	within thirty (30) days of receipt of the Goods and successful installation & commissioning				
	upon submission of claim supported by the acceptance certificate issued by the Purchaser				
	along with the Performance Security, if any.				

		<b>T</b>				
	(c)	The LC for 100% value of the contract shall be established after deducting the agency commission payable if any, to the Indian agent from the FOB / FCA value.				
	(d)	The LC will be confirmed at the suppliers cost, if requested specifically by the supplier. All bank charges abroad shall be to the account of the beneficiary i.e. supplier and all bank charges in India shall be to the account of the opener i.e. purchaser. If LC is requested to be extended/ reinstated for reasons not attributable to the purchaser, the charges thereof would be to the suppliers' account. Payment of local currency portion shall be made in Indian				
		Rupees within thirty (30) days of presentation of claim supported by a certificate from the Purchaser declaring that the Goods have been delivered and that all other contracted Services have been performed.				
	В	Payment for Goods and Services supplied from India:				
		The payment shall be made in Indian Rupees, as follows:				
	(a)	On delivery in complete quantity in good condition: <b>Eighty (80%)</b> percent of the Contract Price shall be paid on receipt of the Goods and upon submission of the documents specified in <b>GCC Clause 2.15</b> , <b>subject to acceptance</b> of delivered goods by <b>CCMB user</b> . Otherwise 100% payment will be made only after successful installation and commissioning.				
	(b)	On successful installation: The remaining Twenty (20%)percent of the Contract value shall be paid to the Supplier within thirty (30) days after the date of the acceptance certificate issued by the Purchaser subject to submission of Performance Security, if any.				
	(c)	In case of supplies where installation & commissioning is not required payment will be made within 30 days from receipt of items by purchaser as per purchase order contract.				
	(d)	<b>E-Payment:</b> All payments, CCMB prefers to make Electronic Transfers (RTGS) through State Bank of India, Habsiguda Branch, Hyderabad or by Cheque drawn in favour of supplier.				
	NOTE					
		All payments due under the Contract shall be paid after deduction of statutory levies at source like TDS, TCS, etc.), wherever applicable.				
GCC 2.26.1	(a)	As time is the essence of the contract, Delivery period mentioned in the Purchase Order should be strictly adhered to. Otherwise we will have to forfeit EMD/PS and also LD clause will be applicable /enforced				
	(b)	If the supplier fails to Supply, Install and Commission the system as per specifications mentioned in the order within the due date, the Supplier is liable to pay liquidated damages of 1% of order value per week of delay subject to a maximum of 10% beyond the due date. Such money will be deducted from any amount due or which may become due to the supplier at the discretion of Director, CCMB.				
	(c)	Director, CCMB reserves the right to cancel the order in case the delay is more than 10 weeks. Penalties, if any, will be deducted from the EMD/PS				
	(d)	The maximum amount of penalty shall be 10%.				
	(e)	The liquidated damages shall be levied on the delivered price of the delayed Goods or				
GCC 2.33.1	The n	unperformed Services or contract value.  Slace of jurisdiction is competent local court at Hyderabad, India.				
GCC 2.34.1						
000 2.34.1	THE DIRECTOR CSIR-Centre for Cellular & Molecular Biology (CCMB),					
	Habsiguda, Uppal Road, HYDERABAD-500 007 (TELANGANA)- INDIA Telephone #: 0091-40-2719 2681					
	Facsimile number: 0091-40-2716 0252 E-mail address: spo@ccmb.res.in					
GCC 2.39.4						
200 2.00.4	effort must be made to realize the objectives & spirits thereof.					

(To be filled by the bidder and enclosed with the Technical Bid)

#### **SCHEDULE OF REQUIREMENT**

The Schedule of Requirement must clearly specify the time frame required (Schedule) for delivery of goods and services to be completed by the bidder (in reference to Scope of Supply given in Clause-4.2 of Chapter-4 read with Annexure - M) if the Contract is awarded for the offer / proposal submitted by the bidder in response to this Tender.

SI. N	No.	Brief Description of Good and Services	S Quantity & Unit	Delivery Schedule
		start from :		
	from Abro	•		
ime fra	from India ame requi	red for conducting install the arrival of consignment	r before dispatch of e	• •
Γime fra	ame requi etc. after	red for conducting install the arrival of consignment Activity	r before dispatch of e	of the equipment, accepta equipment: Frame
Fime fra	ame requi etc. after	red for conducting install the arrival of consignment	r before dispatch of e	equipment:
Fime fra raining, Sr. No.	ame requi etc. after	red for conducting install the arrival of consignment Activity	r before dispatch of e	equipment:
Fime fra raining, Sr. No.	ame requi etc. after	red for conducting install the arrival of consignment Activity  Paration (if required)  on & Commissioning	r before dispatch of e	equipment:
Fime fra raining, Sr. No.	ame requiretc. after	red for conducting install the arrival of consignment Activity  Paration (if required)  on & Commissioning	r before dispatch of e	equipment:

Date : \_\_\_\_\_

#### SPECIFICATIONS, ALLIED TECHNICAL DETAILS AND SCOPE OF SUPPLY

#### 4.1 Specification of "HPC CLUSTER".

SI. NO.	ITEM DESCRIPTION / SPECIFICATIONS	QUANTITY
1	ITEM NAME: HPC CLUSTER Make- DELL/HP/ IBM/ Fujitsu or equivalent as per detailed TECHNICAL SPECIFICATIONS & REQUIREMENT at ANNEXURE - M (Page 54 to 56)	01 No.

#### 4.2 Scope of Supply

#### Scope of Supply includes the following:

- (i) Supply of the equipment / system as specified in 4.1 above
- (ii) Installation & Commissioning
- (iii) Training as specified below in 4.4
- (iv) On site comprehensive Warranty as specified in 4.5 (i) below

#### 4.3 Inspection & Tests

#### 4.3.1 General

- i. The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified here. The Supplier shall at its own expense and at no cost to the CCMB carry out all such tests and/or inspections of the Goods and Related Services as are specified in the chapter 4 or as discussed and agreed to during the course of finalization of contract.
- ii. 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 reasonable facilities and assistance, including access to drawings and production data shall be furnished to the inspectors at no charge to the CCMB
- iii. Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.
- iv. The CCMB or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Contract specifications at no extra cost to the CCMB and what inspections and tests the CCMB requires and where they are to be conducted. The CCMB shall notify the Supplier in writing in a timely manner of the identity of any representatives retained for these purposes.
- v. Should any inspected or tested Goods fail to conform to the specifications, the purchaser may reject the goods and the Supplier shall either replace the rejected Goods or make alterations necessary to meet specification requirements free of cost to the Purchaser.
- vi. The Purchaser's right to inspect, test and, where necessary, reject the Goods after the Goods' arrival at final destination shall in no way be limited or waived by reason of the Goods having previously been inspected, tested and passed by the Purchaser or its representative prior to the Goods shipment.

- vii. The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.
- viii. With a view to ensure that claims on insurance companies, if any, are lodged in time, the bidders and /or the Indian agent, if any, shall be responsible for follow up with their Principals for ascertaining the dispatch details and informing the same to the Purchaser and he shall also liaise with the Purchaser to ascertain the arrival of the consignment after customs clearance so that immediately thereafter in his presence the consignment could be opened and the insurance claim be lodged, if required, without any loss of time. Any delay on the part of the bidder/ Indian Agent would be viewed seriously and he shall be directly responsible for any loss sustained by the purchaser on the event of the delay.
- ix. Before the goods and equipment are taken over by the Purchaser, the Supplier shall supply operation and maintenance Manuals together with Drawings of the goods and equipment built. These shall be in such details as will enable the Purchase to operate, maintain, adjust and repair all parts of the works as stated in the specifications.
- x. The Manuals and Drawings shall be in the ruling language (English) and in such form and numbers as stated in the Contract.
- xi. Unless and otherwise agreed, the goods and equipment shall not be considered to be completed for the purposes of taking over until such Manuals and Drawing have been supplied to the Purchaser.
- xii. On successful completion of acceptability test, receipt of deliverables, etc and after the Purchaser is satisfied with the working of the equipment, the acceptance certificate signed by the Supplier and the representative of the Purchaser will be issued. The date on which such certificate is signed shall be deemed to be the date of successful commissioning of the equipment. Acceptance certificate form as given in Annexure-I (Chapter 8) should be signed by authorised representative of Supplier & Purchaser.
- xiii. Installation demonstration is to be arranged by the supplier and the same is to be done within 15 days of the arrival of the equipment at site.

#### 4.3.2 Manufacturer's Inspection Certificate

After the goods are manufactured and assembled, inspection and testing of the goods shall be carried out at the supplier's plant by the supplier, prior to shipment to check whether the goods are in conformity with the technical specifications. Manufacturer's test certificate with data sheet shall be issued to this effect and submitted along with the delivery documents. The purchaser reserves the options to be present at the supplier's premises during such Pre- dispatch inspection and testing.

#### 4.3.3 Installation, Commissioning & Acceptance Test

The acceptance test will be conducted by the Purchaser, their consultant or other such person nominated by the Purchaser at its option after the equipment is installed at Purchaser's site in the presence of supplier's representatives. The acceptance will involve trouble free operation. There shall not be any additional charges for carrying out acceptance test. No malfunction, partial or complete failure of any part of the equipment is expected to occur. The Supplier shall maintain necessary log in respect of the result of the test to establish to the entire satisfaction of the Purchaser, the successful completion of the test specified.

In the event of the ordered item failing to pass the acceptance test, a period not exceeding two weeks will be given to rectify the defects and clear the acceptance test, failing which, the Purchaser reserve the right to get the equipment replaced by the Supplier at no extra cost to the Purchaser.

Successful conduct and conclusion of the acceptance test for the installed goods and equipment shall also be the responsibility and at the cost of the Supplier.

4.4 Training: Successful bidder shall be required to provide onsite training in operation and application of supplied equipment at the time of installation.

#### 4.5 Incidental Services

- (i) On site Comprehensive Warranty:
  - a) The warranty shall remain valid for THIRTY SIX (36) months after the Goods, or any portion thereof as the case may be, have been delivered to and successfully installed & satisfactorily commissioned and accepted at the final destination /CCMB site.
  - b) Down-time call attendance should be within 48 hrs
  - c) In case the Equipment / System remains non-operational for more than 7 days then warranty period will be extended for the equivalent period for which Equipment / System remained non-operational. Warranty extension in such case shall be done without prejudice to any other Term & condition of the contract

## 4.6 Expected Delivery Schedule6-8 weeks after Receipt of Order.

#### 4.7 Commercial evaluation of bid

The bid will be treated as <u>incomplete</u> if bidder has <u>not quoted</u> for all the components given in scope of supply (clause 4.2) and <u>the incomplete bid will be rejected</u>. The bidder should also quote for all incidental services (clause 4.5). The bid will be commercially evaluated for the components in the scope of supply.

#### **Eligibility & Qualification Requirements**

#### 5.1 Eligibility Criteria

#### a) Legal Valid Entity:

The Bidder shall necessarily be a legally valid entity either in the form of a registered firm or Limited Company or a Private Limited Company registered under the Indian Companies Act, 1956 or Country of Origin. Bidder in the form of consortium and Partnership is not permitted.

Copy of Certificate of Incorporation issued by Registrar of firms/companies is to be submitted in support of this criterion.

- b) Indian Agent quoting on behalf of Foreign Principal supplier should submit a certified **copy of an Agreement/Memorandum of understanding (MOU)** between both the parties.
- c) The bidder shall furnish documentary evidence to demonstrate that the bidder satisfies the bidders' **eligibility criteria**, as mentioned in **ITB Clause 1.1.2**in the form as per **Annexure-K of Chapter- 8**.
- d) An undertaking (self-certificate) is to be submitted that the Organization has not been blacklisted during last 3 years by any Central / State Government Department/Organization/ Autonomous Body / PSU, etc. in the form as per Annexure-L of Chapter- 8.

#### 5.2 Technical Qualification Criteria

- a) The Bidder should be a manufacturer /authorized representative of a manufacturer who must have designed, manufactured, tested and supplied the equipment(s) similar to the type specified in the "Technical Specification". Authorised representative / Indian Agent to submit the Manufacturers' Authorization Form Chapter-8: Annexure B with the technical bid.
- b) Equipment / System offered must be of the most recent series/models incorporating the latest improvements in design. The models should be in successful operation for at least one year as on date of Bid Opening. The bidder (OEM/Direct Distributor/Dealer) should have supplied and installed during past 3 years, at least two similar equipment / systems as mentioned in Chapter-4.
  The Bidder should furnish the information on all past supplies and satisfactory performance during past 3 years in the Performance Statement Form (Chapter-8, Annexure D). Bidders shall invariably furnish documentary evidence (Client's certificate) in support of the satisfactory operation of the equipment / system.
- c) Details of Service Centres and information on service support facilities that would be provided after the warranty period (in the **Service Support Form-Chapter-8 Annexure-F)**.
- d) Foreign bidder/suppliers quoting directly, should submit a letter of Authorisation in favour of Indian Agent/Representative indicating complete address, contact person and validity of Authorization if any along with their technical bid. Foreign bidder/suppliers quoting directlyshould ensure that adequate and specialized expertise is already available or will be made available following the execution of the contract in the Purchaser's country, to ensure that the support services are responsive and adequate as per ITB 1.13.2(c).
- 5.3 Either the Indian Agent on behalf of the foreign principal or the foreign principal directly could bid in a tender **but not both**. However, the offer of the Indian Agent should also accompany the authorization letter from their principal. Further, to maintain sanctity of tendering system **one Indian agent cannot represent two different foreign principals in one tender**.

# CHAPTER 6- A:PRICE SCHEDULE FOR GOODS BEING OFFERED FROM ABROAD

(Bidder should quote in this format however, if quoted in different format; all parameters given below should be <u>covered</u>)

render No.		16	Tenuer Date.				
Quotation No Date:		ate:		_ Quo	tation Valid	Upto:	
Count	ry of Origin:		_			Currency	:
Sr.No.	. Description of Item			Quantity	Unit	Rate	Amount
	Catalogue, Part/Model No.	Specification	ns				
1.	Item name						
2.	Required Essential (	Spares/Consumat	oles (if				
3.	Essential Accessorie	es (if any)					
4.	Additional Items						
					Total Ex-V	Vorks Price	
			(	-) LESS: [	Discount	% (if any)	
					Net Ex-V	Vorks Price	
(+) Packing & Forwarding Charges							
						ht Charges	
(INCO TERM): FOB / FCAInternational Airport, Country					Country		
		(+) F	reight upto F	lyderabad	& Insuran	ce Charges	
				CIF / CIF	HYDERA	BAD Price	
Appro	ximate Weight of the	Consignment	Appro	ximate D	imensions	of the Cons	signment

TENDER CLAUSE NO.	٦	ΓERM	CONI	DITION	
GCC/SCC 2.15.3	Mode of Shipm	nent	BY AIR / SEA / ROAI	D	
GCC 2.15.2	Delivery Term(	INCOTERM)			
CHAPTER 3	Delivery Scheo	dule			
	Period of delivery shall count from				
	Time Frame required for conducting Installation & commissioning of the equipment, Acceptance Test, Training, etc.		As enclosed in <b>Technical Bid</b> as per Chapter-3		
	Port of destination		Hyderabad, India		
	Final Destination		CSIR-CCMB, Hyderabad		
	Installation & Commissioning Charges				
4.4	Training Detail	s & Charges			
	Warranty		Period	Charges if any	
GCC/SCC 2.20 (c)					
	Annual	Comprehensive			
	Maintenance Non-				
	Contract Comprehensive				
GCC/SCC 2.21.1	Payment Term				
GCC/SCC 2.21.1 (d)	Bank Charges		Inside India to CCMB India to beneficiary's		

### **SIGNATURE OF AUTHORISED PERSON**

<u>CHAPTER 6- B</u>: <u>PRICE SCHEDULE FOR GOODS BEING OFFERED FROM INDIA</u> (Bidder should quote in this format however, if quoted in different format; all parameters given below should be covered)

Tender No: Quotation No Da		Tender ate:		Quotation Val	lid Upto:	
Sr.No.			Quant			Amount
	Catalogue, Part/Model No.	Specificatio				(Rs.)
1.	Item name					
2.	Essential Spares/Cons	sumables (if any	<i>'</i> )			
3.	Essential Accessories	(if any)				
4.	Additional Items					
				Total	Ex-Works Price	е
			(-) LES	S: Discou	nt% (if any	·)
	Net Ex-Works Price					е
			(+) Pack	ing & Forw	arding Charge	S
	(+) Transportation Charges				S	
	GST Charges					S
					SUB TOTA	L
					GRAND TOTA	L
Approx	ximate Weight of the C	Consignment	Approxima	e Dimens	ions of the Co	nsignment
-						

TENDER CLAUSE NO.	7	TERM	CONI	DITION
GCC/SCC 2.15.3	Mode of Shipm	nent	BY AIR / RAIL / ROA	D
GCC 2.15.2	Delivery Term		Free Delivery to CSIR-CCMB Hyderabad	
CHAPTER 3	Delivery Schedule			·
	Period of delive	ery shall count from		
	Time Frame re		As enclosed in Techn	ical Bid as per
	conducting Ins		Chapter-3	
	commissioning of the equipment,			
	Acceptance Test, Training, etc.			
	Port of destination		Hyderabad, India	
	Final Destination		CSIR-CCMB, Hydera	bad
	Installation & Commissioning			
	Charges			
4.4	Training Detail	s & Charges		
	Warranty		Period	Charges if any
GCC/SCC 2.20.3				
	Annual Comprehensive			
	Maintenance Non-			
	Contract Comprehensive			
GCC/SCC 2.21.1	Payment Term			

SIGNATURE OF AUTHORISED PERSON

#### **CHAPTER 7**

Contract For	Υ	١
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Contract No.	 Date:
THIS CONTRACT AGREEMENT is m the [insert: number]day of [insert:	

#### **BETWEEN**

- (1) The Council of Scientific & Industrial Research registered under the Societies Registration Act 1860 of the Government of India havingits registered office at 2, Rafi Marg, New Delhi-110001, India represented by National Chemical Laboratory, Hyderabad(hereinafter called "the Purchaser"), and
- (2) **[insert name of Supplier ]**,a corporation incorporated under the laws of **[insert: country of Supplier ]** and having its principal place of business at **[insert: address of Supplier ]**(hereinafter called "the Supplier").

WHEREAS the Purchaser invited bids for certain Goods and ancillary services, viz., [insert brief description of Goods and Services] and has accepted a Bid by the Supplier for the supply of those Goods and Services in the sum of [insert Contract Price in words and figures, expressed in the Contract currency(ies)] (hereinafter called "the Contract Price").

#### NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

- 01. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
- 02. The following documents shall constitute the Contract between the Purchaser and the Supplier, and each shall be read and construed as an integral part of the Contract:

(a)	This Contract Agreement
(b)	General Conditions of Contract
(c)	Special Conditions of Contract
(d)	Technical Requirements (including Schedule of Requirements and Technical
	Specifications)
(e)	The Supplier's Bid and original Price Schedules
(f)	The Purchaser's Notification of Award
(g)	[Add here any other document(s)]

- O3. This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.
- 04. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
- 05. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of Union of India on the day, month and year indicated above.

For and on behalf of the Council of Scientific & Industrial Research

Signed: [insert signature]

in the capacity of [ insert title or other appropriate designation ] in the presence of [ insert identification of official witness ]

Signed: [ insert signature ]

in the capacity of [ insert title or other appropriate designation ] in the presence of [ insert identification of official witness ]

For and on behalf of the Supplier

Signed: [insert signature of authorized representative(s) of the Supplier] in the capacity of [insert title or other appropriate designation] in the presence of [insert identification of official witness]

# **CHAPTER 8**

# **OTHER STANDARD FORMS**

Sr. No.	Name of the Form	Annexure
1	Bidder Information Form	А
2	Manufacturers' Authorization Form	В
3	Bid Security Form / Earnest Money Deposit	С
4	Performance Statement Form	D
5	Deviation Statement Form	E
6	Service Support Detail Form	F
7	Bid Form	G
8	Performance Security Form	Н
9	Acceptance Certificate Form	I
10	Indemnity Bond	J
11	Eligibility Certificate	К
12	Non Black List Certificate	L

NOTE: The Successful Bidder shall submit Documents with reference to Annexure – H, I & J after Award of Contract as mentioned in Purchase Order.

# **Bidder Information Form**

(a) [The Bidder shall fill in this Form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be accepted. This should be done of the letter head of the firm]

Date : [insert date (as day, month and year) of Bid Submission]

Tender No ::[insert number from Invitation for bids]

01.	Bidder's Legal Name [insert Bidder's legal name]				
02.	In case of JV, legal name of each party: [insert legal name of each party in JV]				
03.	Bidder's actual or intended Country of Registration: [insert actual or intended Country				
	of Registration]				
04.	Bidder's Year of Registration: [insert Bidder's year of registration]				
05.	Bidder's Legal Address in Country of Registration: [insert Bidder's legal address in				
	country of registration]				
06.	Bidder's Authorized Representative Information				
	Name: [insert Authorized Representative's name]				
	Address: [insert Authorized Representative's Address]				
	Telephone/Fax numbers: [insert Authorized Representative's telephone/fax				
	numbers]				
	Farail Address fines of Authorized Development fines and address I				
	Email Address: [insert Authorized Representative's email address]				
07.	Attached are copies of original documents of:				
	Articles of Incorporation or Registration of firm named in 1, above.				

Signature of Bidder	
Name	
Business Address	

### **MANUFACTURERS' AUTHORIZATION FORM \***

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

Date	: [insert date (as day, month and year) of Bid Submission]
Tender No.	:[insert number from Invitation For Bids]
То	: [insert complete name and address of Purchaser]
WHEREAS	
manufactured complete nam	complete name of Manufacturer], who are official manufacturers of [insert type of goods if], having factories at [insert full address of Manufacturer's factories], do hereby authorize [insert ne of Bidder] to submit a bid the purpose of which is to provide the following Goods, manufactured by ne and or brief description of the Goods], and to subsequently negotiate and sign the Contract.
•	tend our full guarantee and warranty in accordance with Clause 2.20 of the General Conditions of respect to the Goods offered by the above firm.
Signed: [inser	t signature(s) of authorized representative(s) of the Manufacturer]
Name: [insert	complete name(s) of authorized representative(s) of the Manufacturer]
Title: [insert ti	tle]
Duly authorize	d to sign this Authorization on behalf of: [insert complete name ofBidder]
Dated on	day of,[insert date of signing]

\*(Not required in case the bidder itself is the manufacturer)

### **BID SECURITY FORM**

Where	reas	
(herei	sinafter called the tenderer)	
has su	submitted their offer dated	
for the	e supply of	
(herei	inafter called the tender)	
Again	nst the Purchaser's Tender No	
KNOV	W ALL MEN by these presents that WE(Bai	nk Name)
of	having our registered office at	
	are bound unto(hereinafter called the "Pur	chaser")
by th	which payment well and truly to be made to the said Purchaser, the Bank binds itself, its successors these presents. Sealed with the Common Seal of the said Bank this  CONDITIONS OF THIS OBLIGATION ARE:	
(1)	If the tenderer withdraws or amends or modifies or impairs or derogates from the Tender in any respect within the period of validity of this tender.	
(2)	If the tenderer having been notified of the acceptance of his tender by the Purchaser during the period of its validity	
(a)	Fails to furnish the Performance Security for the due Performance of the contract.	
(b)	Fails or refuses to accept/execute the contract.	
We u	undertake to pay the Purchaser up to the above amount upon receipt of its first written demand	without the

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

This guarantee will remain in force up to and including 45 days after the period of tender validity and any demand in respect thereof should reach the Bank not later than the above date.

(Signature of the authorized officer of the Bank)

Name and designation of the officer Seal, name & address of the Bank and address of the Branch

Note: Whenever the bidder chooses to submit the Bid Security in the form of Bank Guarantee, then he should advise the banker issuing the Bank Guarantee to immediately send by Registered Post (A.D.) an unstamped duplicate copy of the Guarantee directly to the Purchaser with a covering letter to compare with the original BG for the correctness, genuineness, etc.

# PERFORMANCE STATEMENT FORM

# Details of similar equipment / systems supplied & installed during past 3 years in India & Abroad

ame of the Firm								
Order Placed by (full address of Purchaser)	Order No. and date	Description and quantity of ordered equipment	Value of order	Date of completion of deliver as per contract	Date of actual completion of delivery	Remarks indicating reasons for late delivery, if any	Has the equipment been installed/working satisfactory? (Attach a certificate from the purchaser / Consignee)	Name of Contact person along with Telephone No., FAX No. and e-mail address

Signati	ure and Seal of the manufacturer/Bidder
Place	:
Date	:

# **DEVIATION STATEMENT FORM**

### PART -I

The following are the particulars of deviations from the requirements of the tender specifications:

CLAUSE	DEVIATION	REMARKS (INCLUDING JUSTIFICATION)

Place:

Date:

Signature and seal of the Manufacturer/Bidder

### NOTE:

Where there is no deviation, the statement should be returned duly signed with an endorsement indicating "No Deviations".

# ANNEXURE - E

# <u>PART – II</u> (Refer Clause 1.25 of Tender Document)

Sr.No	TENDER REQUIREMENT	COMPLIANC E	Documen t Submitte d
1	Bid is Signed	Yes / No	Yes / NA
2	Bid Validity (90 days after the date of Bid opening)	Yes / No Bid valid up to	Yes / NA
3	Warranty: THIRTY SIX (36) months from date of successful installation, commissioning and acceptance	Yes / No	Yes / NA
4	Agree to submit Performance Security 10% of PO/ contract value as per Clause 2.12.1	Yes / No	Yes / NA
5	Original Equipment Manufacturer agree to submit Indemnity Bond as per Chapter-8 Annexure-J (For procurements above Rs.25 Lakhs)	Yes / No	Yes / NA

The Bidder should **submit other documents** such as Schedule of Requirement (Chapter-3) and various forms as specified in Chapter-8.

# **ANNEXURE-F**

# **SERVICE SUPPORT DETAIL FORM**

Sr. No.	List of similar type of equipments serviced in the past 3 years	Address, Telephone Nos., Fax No. and e-mail address of the buyer	Nature of training Imparted/ service provided	Name and address of service provider

Signature and Seal of the manufacturer/Bidder
Place :
Date:

# **Bid Form**

[The Bidder shall fill in this Form in accordance with the instructions indicated No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date	: [ins	sert date (as day, moi	ith and year) of Bid	Submissionj
Tend	ler No. :			
То	: Dire	ector, CSIR-CCMB, Hy	derabad	
We,	the undersigned, declare	that:		
(a)	We have examined an			cuments, including Addenda
(b)	Delivery Schedulesspe	cified in the Schedule	of Requirements the t	and in accordance with the following Goods and Related ed Services] as specified in
(c)				d) below, is: [insert the total ounts and the respective
(d)		s accepted, the followi	ng discounts shall ap	re: ply. [Specify in detail each Requirements to which it
(e)				
(f)	Clause 1.41 and GCC	Clause 2.12 for the due	e performance of the	
(g)	the bidding process or	execution of the Cont	ract: [insert complet	re to be paid with respect to e name of each Recipient,
	its full address, the amount and currency			gratuity was paid and the
Nam				Amount
Nam	amount and currency	of each such commi	ssion or gratuity]	
Nam	amount and currency	of each such commi	ssion or gratuity]	
Nam	amount and currency	of each such commi	ssion or gratuity]	
	amount and currency	Address	Reason	
	amount and currency ne of Recipient  ne has been paid or is to We understand that the	Address  Address  be paid, indicate "nor his bid, together with shall constitute a bindi	Reason   ne.")  your written accepta	
(If no	amount and currency ne of Recipient  ne of Recipient  ne has been paid or is to the second of award, so prepared and executed	Address  Address  be paid, indicate "nor his bid, together with shall constitute a bindid.	Reason  Reason  Pe.")  your written accepta ng contract between	Amount
(If no	amount and currency ne of Recipient  ne of Recipient  where the second of the second o	Address  Address  be paid, indicate "nor his bid, together with shall constitute a bindid.  bu are not bound to act of person whose name	Reason  Reason  Pe.")  your written accepta and contract between cept the lowest evalues and capacity are sl	Amount  nce thereof included in your us, until a formal contract is ated bid or any other bid that
(If no (h) (i) Signature	amount and currency ne of Recipient  The of Reci	Address  Address  be paid, indicate "nor his bid, together with shall constitute a bindid.  bu are not bound to act of person whose name all capacity of person whose name all c	Reason  Reason  Pe.")  your written accepta and contract between cept the lowest evalues and capacity are slesigning the Bid Subsequence.	Amount  nce thereof included in your us, until a formal contract is ated bid or any other bid that  nown] mission Form]

# PERFORMANCE SECURITY FORM

### MODEL BANK GUARANTEE FORMAT FOR PERFORMANCE SECURITY

To,

WHEREAS
AND WHEREAS it has been stipulated by you in the said contract that the supplier shall furnish you with a bank guarantee by a scheduled commercial bank recognized by you for the sum specified therein as security for compliance with its obligations in accordance with the contract;
AND WHEREAS we have agreed to give the supplier such a bank guarantee;
NOW THEREFORE we hereby affirm that we are guarantors and responsible to you, on behalf of the supplier, up to a total of
We hereby waive the necessity of your demanding the said debt from the supplier before presenting us with the demand.
We further agree that no change or addition to or other modification of the terms of the contract to be performed there under or of any of the contract documents which may be made between you and the supplier shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.
This guarantee shall be valid until the day of, 20
(Signature of the authorized officer of the Bank)
Name and designation of the officer
Seal, name & address of the Bank and address of the Branch
Note: Whenever, the bidder chooses to submit the Performance Security in the form of Bank

Guarantee, then he should advise the banker issuing the Bank Guarantee to immediately send by Registered Post (A.D.) an unstamped duplicate copy of the Guarantee directly to the Purchaser with a covering letter to compare with the original BG for the correctness, genuineness, etc.

		Acceptance Ce	rtificate	
No.				Dated:
M/s.			-	
			-	
		Sub: Certificate of com	missionin	a of equipment
01.	alon	is to certify that the equipment as detailed g with all the standard and special access		
(a)	Cont	n installed and commissioned. tract No.		
(b)	Date	eription of the equipment		
(b)		e of the consignee		
(d)		eduled date of delivery of the consignment	to the	
(=)		oratory / Institutes		
(e)		al date of receipt of consignment by the La	boratory	
		titutes		
(f)		eduled date for completion of		
(a)		Illation/commissioning al date of completion of installation/commi	ccionina	
(g) (h)		alty for late delivery (at Laboratory / Institu		
(11)	Rs.	any for face delivery (at Eaboratory / motitude	ics icvei)	
(i)		alty for late installation (at Laboratory / Inst	itutes	
` '	level	Rs.		
00	D-	talla af a casa a sia a lita mana mat unt a uma lia d		avian to be used a so that account.
02 Sr		tails of accessories/items not yet supplied  Description	and recove	Amount to be recovered
No		Description		Amount to be recovered
03		e acceptance test has been done to our er ntractual obligations satisfactorily OR	ntire satisfa	action. The supplier has fulfilled his
	The	e supplier has <b>failed to fulfil</b> his contractu	al obligatio	ons with regard to the following:
Sr		Failure		Amount to be recovered
No	).			
(a	)			
(b				
(c)	)			
		nt of recovery on account of failure of the para03.	e supplier	to meet his contractual obligations is as
For S	Suppli ature	er For	Purchase Signat	
Name			Name	
Desig	 gnatio		Desigr	nation
Name	of th	e firm Nam	ne of the La	aboratory / Institute
Date			Date	

# **INDEMNITY BOND**

No	Date:
1) Amalgamation/Acquisition	
In the event of M/sproposition proposition of the Principal Company are liable deviations. For this purpose M/s	ct period, M/s and proposed to execute, fulfill contractual obligations without any/M/s and proposed demnify itself to the Director, Centre for Cellular & ontractual obligations as per the terms of the CCMBNo dated and D. No
2) Joint Venture, Consortium or Association	
If the Supplier is a joint venture, consortium, or assoliable to the CCMB for the fulfillment of the provisions as a leader with authority to bind the joint venture, constitution of the joint venture, consortium, or associof the CCMB.	of the Contract and shall designate one party to act consortium, or association. The composition or the
3) Patent Indemnity	
The Supplier shall, subject to CCMB's compliance are officers harmless from and against any and all sudemands, losses, damages, costs, and expenses of which CCMB may suffer as a result of any infringemodel, registered design, trademark, copyright, or ot existing at the date of the Contract by reason of: (a) use of the Goods in India; and (b) the sale in any course.	any nature, including attorney's fees and expenses, ement or alleged infringement of any patent, utility her intellectual property right registered or otherwise the installation of the Goods by the Supplier or the
For M/s Principal Supplier.	For M/s Indian Agent.

# **ANNEXURE-K**

# **Eligibility Certificate**

inis is to certify that	at we are not associate	a, or nave been as	ssociated in the p	ast, directly o
indirectly, with a firm or an	y of its affiliates which	have been engag	ed by the Purcha	ser to provide
consulting services for the p	reparation of the design	, specifications, and	d other documents	to be used fo
the procurement of the	goods to be purchase	•		
dated _	·			
			Authoricad Ciana	toni
			Authorised Signat	tory
Name:				
Designation:				

# **ANNEXURE-L**

# Non-Black listing Self Certificate

This is to certify that M/s.	_has not been blacklisted by any Central /
State Government Department / organization/Autonomous I	Bodies, PSUs, etc. in the last 3 years.
	Authorised Signatory
	Authorised Signatory
Nome	
Name:	
Designation:	

CCMB File Ref: 0225/190618/1554/EQPT

# Specifications for HPC CLUSTER, QTY.01 No

### 1. General Specifications

- 1.1. Cluster make: DELL/ HP/ IBM / Fujitsu or equivalent
- 1.2. HPC Cluster can be factory integrated or can be integrated onsite also.
- 1.3. Hardware and software higher than specified ones are acceptable
- 1.4. Entire cluster system comprising of master node, compute nodes and all the associated accessories to be housed within one 42U rack.
- 1.5. The chassis/rack must have been configured to match the power, cooling thresholds.
- 1.6. Cluster should support remote console access to all the servers.
- 1.7. Installation, Commissioning & cabling of all supplied hardware equipment and software shall be sole responsibility of the vendor
- 1.8. Vendor should provide the peak power consumption rating (watts), peak air conditioning rating (tonnage) and peak cold air flow rating to the servers (CFM) required for the proposed solution.
- 1.9. Vendor should also provide total weight and total Rack Space consumed by all equipment of the quoted subsystems.
- 1.10. All the equipment must be compatible with Indian electrical standards and codes.
- 1.11. **Three years** comprehensive onsite warranty for the supplied hardware and three years maintenance for software and cluster management.

### 2. Master Node with Storage Server - 1 Number

- 2.1. Intel chipset
- 2.2. Dual Intel Xeon 10 core processor 2.10 GHz clock (Single or Double processor). Total 10 cores
- 2.3. 64 GB ECC DDR4 RAM in balanced configuration for optimizing the memory bandwidth (expandable upto128 GB)
- 2.4. Two 1GbE network ports
- 2.5. One Infiniband QDR PCIe HCA card
- 2.6. One number (Internal or External is accepted) DVD RW/ DVD Combo
- 2.7. 80 TB (usable after RAID 5) 7.2K RPM 6Gbps NLSAS HDD for storage
- 2.8. 500 GB10K RPM SAS HDD for cluster management 2 Nos.
- 2.9. RAID 0, 1, 5 Controller with Battery Backup unit

- 2.10. IPMI 2.0 or equivalent Support with KVM and Media over LAN features.
- 2.11. Latest version of 64 bit Open Source Linux (Cent OS / Scientific Linux/GNU Linux) to be supplied with 3 years patch management and upgrade
- 2.12. Redundant and hot pluggable power supply in auto mode
- 2.13. Power cables compatible with the quoted rack
- 2.14. Rack mountable form factor

### 3. Compute nodes – 3 Numbers

- 3.1. Intel chipset
- 3.2. Dual Intel Xeon 32 core processor 2.2 GHz clock speed (Dual processors). Total 32 cores
- 3.3. 256 GB ECC DDR4 RAM in balanced configuration for optimizing the memory bandwidth (expandable upto 512 GB)
- 3.4. Two 1GbE network ports with PXE boot capability
- 3.5. One Infiniband QDR PCIe HCA card
- 3.6. 2.4 TB 10K RPM SAS HDD -1 No.
- 3.7. IPMI 2.0 or equivalent Support with KVM and Media over LAN features.
- 3.8. Latest version of 64 bit Open Source Linux (Cent OS / Scientific Linux/GNU Linux) to be supplied with 3 years patch management and upgrade
- 3.9. Redundant and hot pluggable power supply in auto mode
- 3.10. Power cables compatible with the quoted rack

#### 4. Switches:

- 4.1 Infiniband FDR switch: 12/18 ports with 56Gbps.
- 4.2 Ethernet switch: The Gigabit Ethernet switch with 16/24 ports should be able to connect to all the blades inside the enclosure and Gigabit copper RJ45 connectivity interfaces outside
- 4.3 Management Module: The Enclosure should provide an IP based interface for managing and monitoring all the blades populated in the enclosure.

#### 5. RACK Enclosure -1 No.

- 5.1. 42U Rack to accommodate the supplied hardware
- 5.2. Fully perforated front and back doors
- 5.3. Required number of PDUs (Including ports required for Redundant power supply)
- 5.4. Required number of cooling fans
- 5.5. Required number of Cable management units and Cable ties.

#### 6. Software

- 6.1. Open Source cluster management Software for Cluster management and provisioning.
- 6.2. Open source compilers including parallel version, development tools like debuggers &profilers including parallel version and libraries for MPI based programming.
- 6.3. Open Source GUI based Job Scheduler and resource manager to accommodate whole cluster, should tightly integrate with cluster management software.
- 6.4. Open source accounting and job submission portal to be provided with updates and patches for 3 years.
- 6.5. Open source auto shutdown software/script to shut down the cluster when operating on UPS back up with a preset time delay.
- 6.6. The server/chassis management/monitoring software must be from the OEM itself at free of cost.

### 7. Tests

- 7.1 All functionalities of HPC (running MPI programs, PFS) should be tested and demonstrated.
- 7.2 Performance test as per LINPAC rating to be demonstrated.

### 8. Eligibility Criteria

- 8.1. The vendor should have set up at least 2 and more HPCs in the last five years with similar or higher configurations (Government installations preferable). Purchase order copies of previous Installations to be submitted along with contact no of the person.
- 8.2. Prior experience with installation and management at Government Laboratories/ Private/Universities/ IITs required.
- 8.3. Vendor has to quote exactly as per mentioned specifications for entire solution, partial offers are not acceptable.
- 8.4. Vendor must provide authorization letters from respective OEM.
- 8.5. Vendor should be an ISO 9001 certified organization. Proof to be attached.
- 8.6. Registration/Incorporation certificate in support of company is in existence from last 5 (five) years.