 Government eProcurement System	Government eProcurement System	
	Tender Details	
	Date : 13-Aug-2020 05:07 PM	

 Print
Basic Details

Organisation Chain	Council of Scientific and Industrial Research CDRI-Lucknow - CSIR Purchase-CDRI - CSIR		
Tender Reference Number	2019-20/IND63065/BSL-3/RIZVAN		
Tender ID	2020_CSIR_55083_1		
Tender Type	Open Tender	Form of contract	Turn-key
Tender Category	Works	No. of Covers	2
General Technical Evaluation Allowed	No	ItemWise Technical Evaluation Allowed	No
Payment Mode	Offline	Is Multi Currency Allowed For BOQ	Yes
Is Multi Currency Allowed For Fee	No	Allow Two Stage Bidding	No

Payment Instruments

Offline	S.No	Instrument Type
	1	Bank Guarantee
	2	Demand Draft
	3	R-T-G-S
	4	ECS
	5	NEFT
	6	LOC
	7	Others

Cover Details, No. Of Covers - 2

Cover No	Cover	Document Type	Description
1	Fee/PreQual/Technical	.pdf	CREDENTIALS OF THE FIRM
		.pdf	TECHNICAL BID (IN COMPLIANCE OF TENDER DOCUMENT CHAPTER-4)
2	Finance	.xls	FINANVCIAL BID(IN COMPLIANCE OF BOQ ATTACHED)

Tender Fee Details, [Total Fee in ₹ * - 0.00]

Tender Fee in ₹	0.00		
Fee Payable To	Nil	Fee Payable At	Nil
Tender Fee Exemption Allowed	No		

EMD Fee Details

EMD Amount in ₹	20,00,000	EMD through BG/ST or EMD Exemption Allowed	Yes
EMD Fee Type	fixed	EMD Percentage	NA
EMD Payable To	THE DIRECTOR CDRI	EMD Payable At	LUCKNOW

Foreign Currency BOQ Details

S.No	Currency	Conversion rate in ₹
1	US Dollar	NA
2	European Euro	NA
3	British Pound	NA
4	Swiss Franc	NA
5	Japanese yen	NA
6	Singapore Dollar	NA

Work /Item(s)					
Title	ESTABLISHMENT OF BSL 3 LAB FACILITY				
Work Description	ESTABLISHMENT OF BSL 3 LAB FACILITY AS PER TENDER DOCUMENT				
Pre Qualification Details	AS PER TENDER DOCUMENT				
Independent External Monitor/Remarks	NA				
Show Tender Value in Public Domain	No				
Tender Value in ₹	10,00,00,000	Product Category	Miscellaneous Works	Sub category	Establishment of BSL-3 lab facility
Contract Type	Tender	Bid Validity(Days)	120	Period Of Work (Days)	120
Location	CSIR CENTRAL DRUG RESEARCH INSTITUTE	Pincode	226031	Pre Bid Meeting Place	CSIR CDRI LUCKNOW
Pre Bid Meeting Address	CDRI STORES AND PURCHASE SECTION MMETING ROOM	Pre Bid Meeting Date	28-Aug-2020 11:00 AM	Bid Opening Place	CDRI LUCKNOW
Should Allow NDA Tender	No	Allow Preferential Bidder	No		

Critical Dates					
Publish Date	13-Aug-2020 05:30 PM	Bid Opening Date	28-Sep-2020 10:00 AM		
Document Download / Sale Start Date	13-Aug-2020 05:45 PM	Document Download / Sale End Date	25-Sep-2020 05:30 PM		
Clarification Start Date	13-Aug-2020 06:00 PM	Clarification End Date	25-Aug-2020 05:30 PM		
Bid Submission Start Date	04-Sep-2020 05:00 PM	Bid Submission End Date	25-Sep-2020 05:30 PM		

Tender Documents					
NIT Document	S.No	Document Name	Description	Document Size (in KB)	
	1	Tendernotice_1.pdf	TENDER DOCUMENT	2793.34	
Work Item Documents	S.No	Document Type	Document Name	Description	Document Size (in KB)
	1	Tender Documents	TENDERDOCUMENT.PDF.pdf	TENDER DOCUMENT	2780.52
	2	BOQ	BOQ_59300.xls	BOQ	388.00

Bid Openers List			
S.No	Bid Opener Login Id	Bid Opener Name	Certificate Name
1.	ms.eproc@csir.res.in	Mahipal Singh	MAHIPAL SINGH
2.	amitkumar.eproc@csir.res.in	Amit Kumar	AMIT KUMAR
3.	anil245.eproc@csir.res.in	Anil Kumar	ANIL KUMAR
4.	rijwan.eproc@csir.res.in	Mohammad Rijwan	MOHAMMAD RIJWAN

Tender Inviting Authority	
Name	SPO
Address	STORES AND PURCHASE SECTION

Tender Creator Details

Created By	Mohammad Rijwan
Designation	Asst. SO
Created Date	13-Aug-2020 04:20 PM



सी.एस.आई.आर.-केन्द्रीय औषधि अनुसंधान संस्थान
(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद्)
बी.एस. 10/1, सेक्टर 10, जंकिपुरम विस्तार, सीतापुर रोड, पोस्ट बॉक्स नं. 173, लखनऊ - 226021 (भारत)
CSIR-Central Drug Research Institute
(Council of Scientific & Industrial Research)
B.S. 10/1, Sector 10, Jankipuram Extension, Sitapur Road, Post Box No.: 173, Lucknow- 226021 (India)
Phone : (0522) 2771940, 2771980, 2961202, Fax : 91- (522) 2771941
Gram : CENDRUG, Web : <http://www.cdriindia.org>



Annexure-5B

Open Tender document

TENDER NO :2019-20/IND63065/RIZVAN

Date:13.08.2020

TENDER DOCUMENT

FOR

THE PROCUREMENT OF "(Design, Supply, Installation, Testing, Validation and Commissioning of Bio-Safety Laboratory Level-3 containing (1) BSL-3 lab (2) Animal Biosafety lab (ABSL-3) (3) Aerosol challenge room and instrumentation room as per below specifications and reference design layout on a Turnkey basis at New Campus of CSIR-CDRI, Lucknow".

CSIR- Central Drug Research Institute,
Sector-10, Jankipuram extension Sitapur Road,
Lucknow- 226031

Tel: 0522-2771940/1960

NOTE:

1- PERFORMANCE BANK GUARRANTY- 10% of the purchase Order value valid from the date of contract award to Five year+02 Months.

2- EMD Rupees=2000000.00(Twenty Lakh Only) ((Please refer Tender Document for NEFT/RTGS Details).

3- Price Bid must be submitted through BOQ (attached from BOQ-A to E) and the Final cost should be provided as per summery sheet of BOQ (attached) in compliance of reference BOQ's attached in the Tender Document at Chapter-4.

4- (Bids received by FAX/E-mail/POST shall not be considered for evaluation.)

5-Pre Bid Conference (PBC)- All the parties willing to participate in the Pre-Bid Conference(PBC) are required to submit their written/email queries well within time in advance to enable the CDRI committee to have a structured discussion on their queries and their proper resolution. The outcome of the PBC shall be uploaded on the Central Public Procurement (CPP) Portal and all the bidders shall be required to check the notice subsequent to PBC before submitting their Final Bids.

INVITATION FOR BIDS / NIT

01. Director, CSIR- CSIR- Central Drug Research Institute, Sector-10, Jankipuram extension Sitapur Road, Lucknow- 226031, invites sealed bids from manufacturers, their authorised distributors and Indian Agent of Foreign principals, if any, for purchase of items listed below:

Sl. No.	Tender No.	Description of items	Quantity	Single/Double bid	Bid Security (EMD) (in INR)
1	2019-20/IND63065/BSL-3/RIZVAN	(Design, Supply, Installation, Testing, Validation and Commissioning of Bio-Safety Laboratory Level-3 containing (1) BSL-3 lab (2) Animal Biosafety lab (ABSL-3) (3) Aerosol challenge room and instrumentation room as per below specifications and reference design layout on a Turnkey basis at New Campus of CSIR-CDRI, Lucknow.	One	Single Bid (Two Cover)	2000000.00 Twenty Lakh only

02. Interested Bidders may obtain further information from the office of the Stores & Purchase officer, CDRI Lucknow.

03. A Pre-bid Conference will be held on 28.08.2020 at 11:00AM hours (IST) in the conference hall of Stores & Purchase at CSIR-CDRI, Lucknow. All prospective bidders are requested to kindly submit their queries, if any well i advance, to the address indicated above so as to reach the Stores & Purchase Officer, latest by (25.08.2020 (upto 05:30PM)).

05. All bids must be accompanied with a bid security as specified above (Please refer Tender Document for NEFT/RTGS Details), and must be delivered to the above office at the date and time indicated above. Bids will be opened electronically through CPP portal. In the event of the date specified for bid receipt and opening being declared as a closed holiday for purchaser's office, the due date for submission of bids and opening of bids will be the following working day at the appointed time.

06. As per Govt. of India procurement policies,

- The purchaser intends to give purchase preference to local suppliers* in case the cost of procurement is up to Rs. 50.00 lakhs.
- There is no restriction on the eligibility of the suppliers.
- The procuring entity intends to give purchase preference to products/goods manufactured by micro, small and medium enterprises.

*"Local supplier" means a supplier or service provider whose product or service offered for procurement meets the minimum local content of 50% as prescribed in DIPP Order No.P45021/2/2017-PP (BE-II) dated 28th May, 2018 or by the competent Ministries/Departments in pursuance of this order.

'Local content' means the amount of value added in India which shall, unless otherwise prescribed by the Nodal Ministry, be the total value of the items procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all customs duties) as a proportion of the total value, in percent.

07. The Director, CSIR- Central Drug Research Institute, reserves the right to accept or reject any bids or accept all tenders either in part or in full or to split the order, or to annul the bidding process without assigning any reason.

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Chapter Content

- 1 Instructions to Bidders
- 2 Conditions of Contract
- 3 Schedule of Requirement
- 4 Specifications and Allied Technical Details
- 5 Price Schedule Forms
- 6 Qualification Requirements
- 7 Contract Form
- 8 Other Forms

CRITICAL DATE SHEET

Sl. No	Stage	Date & Time
1	Publish Date & Time	13.08.2020 (17:30 HRS)
2	Sale/document Download Start Date & Time	13.08.2020 (17:45 HRS)
3	Last Date & time for receipt of queries	25.08.2020 (17:30 HRS)
4	Pre-bid Conference	28.08.2020 (11:00 HRS)
5	Bid Submission Start Date & time	04.09.2020 (17:00 HRS)
6	Bid Submission End Date & Time	25.09.2020 (17:30 HRS)
7	Bid Opening Date & Time	28.09.2020 (10:00 HRS)

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CHAPTER - 1
INSTRUCTIONS TO BIDDERS

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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 subject to para 06 of the invitation for bids/NIT.

1.1.2 A supplier or bidder shall be considered to be from a country if (i) the entity is incorporated in that country, or ii) a majority of its shareholding or effective control of the entity is exercised from that country; or (iii) more than 50% of the value of the item being supplied has been added in that country. Indian suppliers shall mean those entities which meet any of these tests with respect to India.

1.1.3 MSEs would be treated as owned by Scheduled Caste/Schedule Tribe enterprises as under:

(a) In case of proprietary MSE, proprietor(s) shall be SC /ST.

(b) In case of partnership MSE, the SC/ST partners shall be holding at least 51% (fifty one percent) shares in the unit.

(c) In case of Private Limited Companies, at least 51% (fifty one percent) share shall be held by SC/ST promoters.

1.1.4 MSEs owned by women shall also be determined as per the above analogy/criteria.

1.1.5 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.

1.1.6 Bids from Joint Ventures, Consortium or Associations so long as they are formed and registered prior to the bid submission date.

1.1.7 The bidders who have been temporarily suspended or removed from the list of registered suppliers by the purchaser or banned from Ministry/country wide procurement shall be ineligible for participation in the bidding process.

1.2 Cost of Bidding

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

1.3 Code of Integrity

1.3.1 The bidders/suppliers should sign a declaration about abiding by the Code of Integrity for Public Procurement in bid documents. In case of any transgression of this code, the bidder is not only liable to be removed from the list of registered suppliers, but it would be liable for other punitive actions such as cancellation of contracts, banning and blacklisting or action in Competition Commission of India, and so on.

1.3.2 Code of integrity for Public Procurement: The Purchaser as well as bidders, suppliers, contractors and consultants should observe the highest standard of ethics and should not indulge in the following prohibited practices, either directly or indirectly, at any stage during the procurement process or during execution of resultant contracts:

i) "corrupt practice": making offers, solicitation or acceptance of bribe, rewards or gifts or any material benefit, in exchange for an unfair advantage in the procurement process or to otherwise influence the procurement process or contract execution;

ii) "Fraudulent practice": any omission or misrepresentation that may mislead or attempt to mislead so that financial or other benefits may be obtained or an obligation avoided. This includes making false declaration or providing false information for participation in a tender process or to secure a contract or in execution of the contract;

iii) "anti-competitive practice": any collusion, bid rigging or anti-competitive arrangement, or any other practice coming under the purview of the Competition Act, 2002, between two or more bidders, with or without the knowledge of the purchaser, that may impair the transparency, fairness and the progress of the procurement process or to establish bid prices at artificial, non-competitive levels;

iv) "coercive practice": harming or threatening to harm, persons or their property to influence their participation in the procurement process or affect the execution of a contract;

v) "conflict of interest": participation by a bidding firm or any of its affiliates that are either involved in the consultancy contract to which this procurement is linked; or if they are part of more than one bid in the procurement; or if the bidding firm or their personnel have relationships or financial or business transactions with any official of purchaser who are directly or indirectly related to tender or execution process of contract; or improper use of information obtained by the (prospective) bidder from the purchaser with an intent to gain unfair advantage in the procurement process or for personal gain; and

vi) "Obstructive practice": materially impede the purchaser's investigation into allegations of one or more of the above mentioned prohibited practices either by deliberately destroying, falsifying, altering; or by concealing of evidence material to the investigation; or by making false statements to investigators and/or by threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or by impeding the purchaser's Entity's rights of audit or access to information;

1.3.3 Obligations for Proactive disclosures

i) The Purchaser as well as bidders, suppliers, contractors and consultants, are obliged under Code of Integrity for Public Procurement to sue-

must proactively declare any conflicts of interest (coming under the definition mentioned above – preexisting or as and as soon as these arise at any stage) in any procurement process or execution of contract. Failure to do so would amount to violation of this code of integrity; and

ii) The bidder must declare, whether asked or not in a bid document, any previous transgressions of such a code of integrity with any entity in any country during the last three years or of being debarred by any other Procuring Entity. Failure to do so would amount to violation of this code of integrity;

iii) To encourage voluntary disclosures, such declarations would not mean automatic disqualification for the bidder making such declarations. The declared conflict of interest would be evaluated and mitigation steps, if possible, taken by the purchaser.

1.3.4 Punitive Provisions Without prejudice to and in addition to the rights of the Purchaser to other penal provisions as per the bid documents or contract, if the Purchaser comes to a conclusion that a (prospective) bidder/supplier, directly or through an agent, has violated this code of integrity in competing for the contract or in executing a contract, the purchaser may take appropriate measures including one or more of the following:

i) If his bids are under consideration in any procurement: a) Forfeiture or encashment of bid security; b) Calling off of any pre-contract negotiations; and c) Rejection and exclusion of the bidder from the procurement process.

ii) If a contract has already been awarded a) Cancellation of the relevant contract and recovery of compensation for loss incurred by the purchaser; b) Forfeiture or encashment of any other security or bond relating to the procurement; c) Recovery of payments including advance payments, if any, made by the purchaser along with interest thereon at the prevailing rate.

iii) Provisions in addition to above: a) Removal from the list of registered suppliers and banning/debarment of the bidder from participation in future procurements of the purchaser for a period not less than one year; b) In case of anti-competitive practices, information for further processing may be filed under a signature of the Joint Secretary level officer, with the Competition Commission of India; c) Initiation of suitable disciplinary or criminal proceedings against any individual or staff found responsible.

B. The Bidding Documents

1.4 Cost of Tender Documents

1.4.1 The bidding documents can be downloaded Free of Cost from the website of CPP Portal <https://etenders.gov.in> or CDRI website <https://www.cdri.res.in>

1.5 Content of Tender Documents

1.5.1 The goods 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 and Critical Date Sheet have been divided into 8 Chapters as under:

Chapter 1: Instructions to Bidder (ITB)

Chapter 2: General Conditions of Contract (GCC) and Special Condition of Contract (SCC)

Chapter 3: Schedule of Requirements

Chapter 4: Specifications and Allied Technical Details

Chapter 5: Price Schedule Forms

Chapter 6: Qualification requirements

Chapter 7: Contract Form

Chapter 8: Other Standard Forms comprising:

- (1) Bidder Information Form
- (2) Manufacturer's Authorization Form (MAF);
- (3) Bid Security Form
- (4) Bid Securing declaration
- (5) Performance Statement form
- (6) Deviation Statement Form;
- (7) Service Support details;
- (8) Bid form
- (9) Performance Security Form;
- (10) Acceptance Certificate Form
- (11) Integrity pact
- (12) Format of letter of authority for participating in bid opening
- (13) Format for declaration by the bidder for code of integrity and Conflict of interest.

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 tender documents

1.6.1 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), latest by the date specified in the critical date sheet. No request for clarification or query shall normally be entertained after the deadline/pre-bid conference if any. Should the Purchaser deem it necessary to amend the Tender Documents as a result of a clarification, it shall do so following the procedure under Clause relating to amendment of Tender Documents and Clause relating to Deadline for Submission of Bids.

The queries, clarifications and amendments issued would also be hosted on the website of the Purchaser for the benefit of the other prospective bidders and also shall be sent to all bidders who have purchased the tender documents.

1.7 Amendment of Tender Documents

1.7.1 At any time prior to the deadline for submission of bids, the Purchaser may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the tender documents by amendment. The same would also be hosted on the website of the Purchaser and all prospective bidders are expected to surf the website before submitting their bids to take cognizance of the amendments. However, the copies of the amendments would be sent by registered post/speed post/courier/e-mail to all the bidders who have purchased the tender documents.

1.7.2 In order to allow prospective bidders' reasonable time in which to take the amendment into account in preparing their bids, the Purchaser, at its discretion, may extend the deadline for the submission of bids and host the changes on the website of the Purchaser.

C. PREPARATION OF BIDS

1.8. Language of Bid

1.8.1 The bid prepared by the Bidder, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser shall be written in English language only.

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 Purchase Preference Policies

1.9.1 The purchaser intends to give product reservation/purchase preference/price preference in line with current Govt. of India procurement

policies to help inclusive national economic growth by providing long term support to Small and Medium enterprises (SMEs) and disadvantaged sections of the society and to address environmental concerns along with preferential market access in govt. procurements.

1.9.2 For the above purpose, local supplier means a supplier or service provider whose product or service offered for procurement meets the minimum local content as prescribed in DIPP Order No.P-45021/2/2017-PP (BE-II) dated 28th May, 2018 or by the competent Ministries/Departments in pursuance of this order and local content means the amount of value added in India which shall, unless otherwise prescribed by the Nodal Ministry, be the total value of the items procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all customs duties) as a proportion of the total value, in percent.

1.10.1 Documents comprising the bid

The bid prepared by the Bidder shall include documents as under:

A. Technical bid

- (a) Bidder Information Form;
- (b) Declaration abiding by the Code of Integrity and no conflict of interest for public procurement;
- (c) Bid security as specified in the Invitation to Bids;
- (d) Service support details form; (e) Deviation Statement Form;
- (f) Performance Statement Form;
- (g) Manufacturer's Authorization Form along with a certified copy of the Agency Agreement between the bidders and the Indian Agent;
- (h) Documentary evidence establishing that the bidder is eligible to bid and is qualified to perform the contract if its bid is accepted;
- (i) Integrity Pact, if required;
- (j) Documents establishing goods eligibility and conformity to bidding documents; indicating the Indian Customs Tariff Number (ICT & HSN No.) .
- (k) Schedule of requirements.
- (l) Self certification that the item offered meets the minimum local content of 50% giving details of the location(s) at which the local value addition is made in case the bidder wishes to avail the benefits under the make in India policy, if applicable.
- (m) In cases of procurement for a value in excess of ₹ 10 crores, the local supplier shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content to avail the benefits under the make in India policy, if applicable.
- (n) Documentary evidence about the status of the bidder i.e. whether MSE or not, owned by SC/ST or not and whether the MSE is owned by a women entrepreneur or not.

B Price bid

- (i) Bid form;
- (ii) Applicable Price Schedule Form;

1.11. Bid form and price schedule

1.11.1 The bidder shall complete the Bid Form and the appropriate price schedule form 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 Clause 1.18.3 of the bidding documents.

1.12. Bid Prices

1.12.1 The Bidder shall indicate on the appropriate price schedule form, the unit prices and total bid prices of the goods it proposes to supply under the contract.

1.12.2 Prices indicated on the price-schedule form shall be entered separately in the following manner:

(a) For Goods manufactured within India

- (i) The price of the goods quoted Ex-works including taxes already paid.
- (ii) GST and other taxes, if any which will be payable on the goods if the contract is awarded.
- (iii) The charges for inland transportation, insurance and other local services required for delivering the goods at the desired destination as specified in the price schedule form.
- (iv) Wherever applicable, the cost towards the installation, commissioning, spares, extended warranty, AMC/CMC, site preparation and training including any incidental services, if any.

(b) For Goods manufactured abroad

- (i) The price of the goods, quoted on FCA (named place of delivery abroad) or FOB (named port of shipment), as specified in the price schedule form.
- (ii) The charges for insurance and transportation of the goods to the port / place of destination both by Air/Sea.
- (iii) The agency commission charges, if any.
- (iv) Wherever applicable, the cost towards the installation, commissioning, spares, extended warranty, AMC/CMC, site preparation and training including any incidental services, if any.

1.12.3 The terms FOB, FCA, CIF, CIP etc. shall be governed by the rules prescribed in the current edition of the Incoterms published by the International Chambers of Commerce, Paris.

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

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

1.12.6 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.

1.12.7 The Purchaser is registered with Dept. of Scientific & Industrial Research, Govt. of India and concessional customs duty and GST & IGST are leviable vide notification No. 54/2002-Customs on all imports covered under Notification No.51/96-Customs dated 23.07.1996, Notification No.47/2017-Integrated Tax (Rate) and Notification No. 45/2017-Central Tax (Rate) both dated 14th November, 2017

1.12.8 Please state specifically in your offer whether the duties and taxes are extra over the prices quoted, failing which it will be presumed that the prices are inclusive of taxes and duties and no claim would be entertained for statutory variations at a later date.

1.12.9 Stipulations like “GST is presently not applicable but the same will be charged if it becomes leviable later on” is not acceptable unless in such cases it is clearly stated that GST will not be charged if the same becomes applicable later on due to increase in turn over etc. If a bidder fails to comply with this requirement, his quoted price shall be loaded with the quantum of duty which is normally applicable on the item in question for the purpose of comparison with the prices of other tenderers.

Note: All payments due under the contract shall be paid after deduction of statutory levies at source (like TDS etc.), wherever applicable.

1.13. Bid Currencies

1.13.1 Prices shall be quoted in Indian Rupees for offers received for supply within India and in freely convertible foreign currency in case of offers received for supply from foreign countries i.e. domestic tenderers are to quote and accept their payment in Indian currency; Indian agents of foreign suppliers are to receive their agency commission in Indian currency; cost of imported goods & services rendered in India, which are directly imported against the contract, may be quoted in foreign currency (currencies).

1.14. Documents Establishing Bidder's Eligibility and qualifications

1.14.1 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.

1.14.2 The documentary evidence of the bidder's qualification to perform the contract if the bid is accepted shall establish to the purchaser's 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 (MAF) 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.

1.14.3 Conditional tenders shall not be accepted.

1.15 Documents Establishing Goods' Eligibility and Conformity to Bidding Documents

1.15.1 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.

1.15.2 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 Priced-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.

1.15.3 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.

1.15.4 Alternate offers/makes/models would not be considered.

1.16. Bid Security

1.16.1 The Bidder shall furnish, as part of its bid, a bid security (BS) for an amount as specified in the Invitation for Bids. In the case of foreign bidders, the BS shall be submitted either by the principal or by the Indian agent and in the case of indigenous bidders; the BS shall be submitted by the manufacturer or their specifically authorized dealer/bidder.

1.16.2 The bid security is required to protect the Purchaser against the risk of Bidder's conduct, which would warrant the security's forfeiture.

1.16.3 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 issued/confirmed by a Scheduled Commercial Bank 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 by a Scheduled commercial bank in India; or

(b) Fixed Deposit receipt pledged in favour of the Lab. /Institute.

(c) A Banker's cheque or demand draft in favour of the purchaser issued by any Scheduled commercial bank in India.

(d) Bid Securing Declaration

1.16.4 The bid security shall be payable promptly upon written demand by the purchaser in case the conditions listed in the ITB clause 1.16.9 are invoked.

1.16.5 The bid security should be submitted in its original form to the address mentioned below on or before End date and time of bid submission (Copies shall not be accepted).

Stores & Purchase Officer
CSIR-Central Drug Research Institute
Jankipuram Extension, Sector-10, Near Seva Hospital
Lucknow-226031

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

1.16.6 The bid security of unsuccessful bidder will be discharged /returned as promptly as possible positively 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.

1.16.7 The successful Bidder's bid security will be discharged upon the Bidder furnishing the performance security, without any interest.

1.16.8 Bidders that are currently registered with the purchaser or registered as MSEs will continue to remain registered during the tender validity period also and are exempted from payment of EMD. In case the tenderer falls in these categories, the bidder should furnish a certified copy of its valid registration details. Except for MSEs, this exemption is valid for the trade group and monetary value of registration only. The MSEs are provided tender document free of cost and are exempted from the payment of Bid Security provided the goods are produced and the services are rendered by them and not for any trading activities undertaken by them. Further firms who are having Udyog Aadhar Memorandum are entitled to all benefits available for MSEs under the Public Procurement Policies for MSEs and can get registered with any of the following agencies:

a) District Industries Centre b) Khadi and Village Industries Commission c) Khadi and Village Industries Board d) Coir Board e) National Small Industries Corporation f) Directorate of Handicraft and handloom and g) Any other body specified by the Ministry of MSME

1.16.9 Where any aggregator has been appointed by the Ministry of MSME, themselves quote on behalf of some MSE units, such offers will be considered as offer from MSE units and all such facilities would be extended to these aggregators also.

1.16.10 The bid security may be forfeited:

(a) If a Bidder withdraws or amends or modifies or impairs or derogates its bid during the period of bid validity specified by the Bidder on the Bid Form; or

(b) In case of a successful Bidder, if the Bidder fails to furnish order acceptance within 14 days of the order or fails to sign the contract and/or fails to furnish Performance Security within 21 days from the date of contract/ order.

1.16.11 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.

1.17. Period of Validity of Bids

1.17.1 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.

1.17.2 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 (by post, fax or e-mail). The bid security provided shall also be suitably extended failing which the bid would be summarily ignored. 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.

1.17.3 Bid evaluation will be based on the bid prices without taking into consideration the above corrections.

1.18. Format and Signing of Bid

1.18.1 The bids may be submitted in single envelop or in two parts as specified in the Invitation for Bids.

1.18.2 In case the bids are invited on single envelop basis, then the Bidder shall prepare two copies of the bid, clearly marking each "Original Bid" and "Copy Bid", as appropriate. In the event of any discrepancy between them, the original shall govern.

1.18.3 In case the bids are invited on two-bid system, the Bidder shall submit the bids in two separate parts. One part shall contain Technical bid comprising all documents listed under clause relating to Documents Comprising the Bid excepting bid form and price schedules. The other part shall contain the priced-bid comprising bid form and price schedules. The Bidder shall prepare two copies of the bid, clearly marking each "Original Bid" and "Copy Bid", as appropriate.

1.18.4 The original and all copies of the 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 un-amended printed literature, shall be initialled by the person or persons signing the bid detailing his/her name and contact details.

1.18.5 Any interlineations, erasures or overwriting shall be valid only if they are initialled by the persons or persons signing the bid.

D. Submission and sealing of Bids

1.19. Submission, Sealing and Marking of Bids

1.19.1 The bidders may submit their duly sealed bids generally by post or by hand. **(Bids received by FAX/E-mail would not be considered for evaluation.)**

1.19.2 The Bidder shall download the Tender Enquiry Document directly from the website <https://etenders.gov.in> 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.

1.19.3 In the case of bids invited on single envelop basis, the Bidders shall submit e-bid in one part along with price. However, in the case of bids invited on Two Part basis, the Bidder shall submit Technical Bid comprising the documents as listed in ITB 1.10.1 excepting Price Bid as part of Technical Bid / first cover. Price Bid needs to be uploaded as second / separate e-cover as per instructions given in CPPP for TWO BID system. Price Bids covers of technically qualified bidders only will be opened online after uploading Technical Evaluation Report (TER) in CPPP website for further evaluation.

1.19.4 The Bidder shall download the Tender Enquiry Document directly from the website <https://etenders.gov.in> 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.

1.19.5 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.

1.19.6 Bidders are advised to go through —Bidder Manual Kitl, —System Settingsl & —FAQl 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. Every Bidder will be required to obtain a Class-III Digital Signature (DSC) for submission of Bids.

1.19.7 Bidders are advised to go through —Bidder Manual Kitl, —System Settingsl & —FAQl 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. Every Bidder will be required to obtain a Class-III Digital Signature (DSC) for submission of Bids.

1.19.8 Bidders are advised to visit CPPP website <https://etenders.gov.in> regularly to keep themselves updated, for any changes/modifications in the Tender Enquiry Document. Intending bidders are advised to visit CPPP website <https://etenders.gov.in> regularly till closing date of submission of bid, for any corrigendum.

1.19.9 The Bid Security/Earnest Money Deposit shall be deposited through Bank Guarantee / Demand Draft drawn in favour of " Director, CDRI payable at LUCKNOW. The **original Bid Security/EMD** must be delivered at address mentioned in **Sl.No.2** of NIT on or before bid submission **End date and time** as mentioned in —Critical Date Sheetl, failing which the bid shall be summarily rejected.

1.19.10 Purchaser shall receive the e-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.

1.20. Deadline for Submission of Bids

1.20.1 Bids must be received by the Purchaser at the address specified at Clause 1.19.4 (a) not later than the time and date specified in invitation for bids. In the event of the specified date for the submission of Bids being declared a holiday for the Purchaser, the Bids will be received up to the appointed time on the next working day.

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

1.21. Late Bids

1.21.1 Any bid received by the Purchaser after the deadline for submission of bids prescribed by the Purchaser will be rejected.

1.21.2 Such tenders shall be marked as late and not considered for further evaluation. They shall not be opened at all and be returned to the

bidders in their original envelope without opening.

1.22. Withdrawal, substitution and Modification of Bids.

1.22.1 A Bidder may withdraw, substitute, or modify its Bid after it has been submitted by sending a written notice in accordance with ITB Clause 1.19 duly signed by an authorized representative, and shall include a copy of the authorization in accordance with ITB Sub-Clause 1.18.4 (except that no copies of the withdrawal notice are required). The corresponding substitution or modification of the bid must accompany the respective written notice. All notices must be:

(a) Submitted in accordance with ITB Clauses 1.18 and 1.19 (except that withdrawal notices do not require copies), and in addition, the respective envelopes shall be clearly marked “WITHDRAWAL,” “SUBSTITUTION,” or “MODIFICATION”; and

(b) Received by the Purchaser prior to the deadline prescribed for submission of bids, in accordance with ITB Clause 1.20.

1.22.2 Bids requested to be withdrawn in accordance with ITB Sub-Clause 1.22.1 shall be returned unopened to the Bidders. No bid may be withdrawn, substituted, or modified in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Bid Form or any extension thereof.

E. Opening and Evaluation of Bids

1.23 Opening of Bids by the Purchaser

1.23.1 The Purchaser will open all bids one at a time in the presence of bidders' authorized representatives who choose to attend, as per the schedule given in invitation for bids. The Bidders' representatives who are present shall sign the quotation opening sheet evidencing their attendance. In the event of the specified date of Bid opening being declared a holiday for the Purchaser, the Bids shall be opened at the appointed time and location on the next working day. In two-part bidding, the financial bid shall be opened only after technical evaluation.

1.23.2 First, envelopes marked “WITHDRAWAL” shall be opened and read out and the envelope with the corresponding bid shall not be opened, but returned to the Bidder. No bid withdrawal shall be permitted unless the corresponding withdrawal notice contains a valid authorization to request the withdrawal and is read out at bid opening. Next, envelopes marked “SUBSTITUTION” shall be opened and read out and exchanged with the corresponding Bid being substituted, and the substituted Bid shall not be opened, but returned to the Bidder. No Bid substitution shall be permitted unless the corresponding substitution notice contains a valid authorization to request the substitution and is read out at bid opening. Envelopes marked “MODIFICATION” shall be opened and read out with the corresponding Bid. No Bid modification shall be permitted unless the corresponding modification notice contains a valid authorization to request the modification and is read out at Bid opening. Only envelopes that are opened and read out at Bid opening shall be considered further.

1.23.3 The bidders' names, bid modifications or withdrawals, bid prices, discounts, and the presence or absence of requisite bid security and such other details as the Purchaser, at its discretion, may consider appropriate, will be announced at the opening. No bid shall be rejected at bid opening, except for late bid(s). The contents of the bid forms and price schedules would however be announced only at the time of opening of Priced-bids in the case of two-bid system.

1.23.4 Bids that are received late shall not be considered further for evaluation, irrespective of the circumstances.

1.24. Confidentiality

1.24.1 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 publication of the Contract Award.

1.24.2 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.

1.25. Clarification of Bids

1.25.1 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.

1.26. Preliminary Examination

1.26.1 The Purchaser shall examine the bids to confirm that all documents and technical documentation requested in ITB Clause 1.10 have been provided, and to determine the completeness of each document submitted. 1.26.2 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) Bid Form and Price Schedule, in accordance with ITB Clause 1.10;

(b) 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**, are to be treated as unresponsive and ignored. The following are some of the important points, for which a tender may be declared as unresponsive and to 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.
- (v) Bidder has not agreed to give the required performance security or has not furnished the bid security.
- (vi) The goods quoted are sub-standard, not meeting the required specification, etc.
- (vii) Against the schedule of Requirement (incorporated in the tender enquiry), the bidder has not quoted for the entire requirement as specified in that schedule.
- (viii) The bidder has not agreed to some essential condition(s) incorporated in the tender enquiry.

1.27 Bidder's right to question rejection.

1.27.1 A Bidder shall have the right to be heard in case he feels that a proper procurement process is not being followed and/or his tender has been rejected wrongly. Only a directly affected bidder can represent in this regard as under:

- i) Only a bidder who has participated in the concerned procurement process i.e. pre-qualification, bidder registration or bidding, as the case may be, can make such representation;
- ii) In case pre-qualification bid has been evaluated before the bidding of Technical bids, an application for review in relation to the technical bid may be filed only by a bidder who has qualified in pre-qualification bid;
- iii) In case technical bid has been evaluated before the opening of the financial bid, an application for review in relation to the financial bid may be filed only by a bidder whose technical bid is found to be acceptable.
- iv) Following decisions of the purchaser in accordance with the provision of internal guidelines shall not be subject to review:
 - a) Determination of the need for procurement;
 - b) Selection of the mode of procurement or bidding system;
 - c) Choice of selection procedure;
 - d) Provisions limiting participation of bidders in the procurement process;
 - e) The decision to enter into negotiations with the L1 bidder;
 - f) Cancellation of the procurement process except where it is intended to subsequently re-tender the same requirements;
 - g) Issues related to ambiguity in contract terms may not be taken up after a contract has been signed, all such issues should be highlighted before consummation of the contract by the vendor/contractor; and
 - (h) Complaints against specifications except under the premise that they are either vague or too specific so as to limit competition may be permissible.

1.27.2 In case a Bidder feels aggrieved by the decision of the purchaser, he may then send his representation in writing to the Purchaser's address as indicated in special conditions of contract (SCC) within 05 working days from the date of communication of the purchaser intimating the rejection for reconsideration of the decision by the purchaser.

1.28 Responsiveness of Bids

1.28.1 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 Contract;
- or
- (b) Limits in any substantial way, inconsistent with the Bidding Documents, the Purchaser's rights or the Bidder's obligations under the Contract; or
- (c) If rectified, would unfairly affect the competitive position of other bidders presenting substantially responsive bids.

1.28.2 The purchasers' determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.

1.28.3 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.

1.28.4 If a bidder quotes Nil Charges/consideration, the bid shall be treated as unresponsive and will not be considered.

1.29 Non-Conformity, Error and Omission

1.29.1 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.

1.29.2 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 nonmaterial nonconformities 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.

1.29.3 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.

1.29.4 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.

1.30 Examination of Terms & Conditions, Technical Evaluation

1.30.1 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.

1.30.2 The Purchaser shall evaluate the technical aspects of the Bid submitted in accordance with ITB Clause 1.15, to confirm that all requirements specified in Schedule of Requirements of the Bidding Documents have been met without any material deviation or reservation.

1.30.3 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 1.28, it shall reject the Bid.

1.31 Conversion to Single Currency

1.31.1 To facilitate evaluation and comparison, the Purchaser will convert all quoted prices expressed in various currencies 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 (techno-commercial bid in the case of two-part bidding) For this purpose, exchange rate notified in www.xe.com or www.rbi.org or any other website could also be used by the purchaser.

1.32 Evaluation and comparison of bids

1.32.1 The Purchaser shall evaluate each bid that has been **determined**, up to this stage of the evaluation, to be substantially responsive.

1.32.2 To evaluate a Bid, the Purchaser shall only use all the factors, methodologies and criteria defined below. No other criteria or methodology shall be permitted.

1.32.3 Purchase preference shall be given to all local suppliers in all procurements undertaken by the purchaser in the following manner:

(a) Where the purchaser has restricted the eligibility of suppliers to Indian suppliers only, as per para 06 of the invitation to bid/NIT. This is applicable only for those items for which the Nodal Ministry has communicated that there is sufficient local capacity and local competition for the cost of procurement up to Rs. 50.00 lakhs.

(b) If the tendered items are not listed by the Nodal Ministry indicating the local capacity and local competition, the following procedure of evaluation shall be followed, irrespective of value:

(i) Among all qualified bids, the lowest bid will be termed as L1. If L1 is from a local supplier, the contract for full quantity will be awarded to L1.

(ii) If L1 bid is not from a local supplier, 50% of the order quantity shall be awarded to L1. Thereafter, the lowest bidder among the local suppliers, will be invited to match the L1 price for the remaining 50% quantity, subject to the local supplier's quoted price which should fall within the margin of purchase preference of 20%. The contract for that quantity shall be awarded to such local supplier, who matches the L1 price. In case such lowest eligible local supplier fails to match the L1 price or accepts less than the offered quantity, the next higher local supplier within the margin of purchase preference shall be invited to match the L1 price for the remaining quantity and so on. The contract shall be awarded accordingly. In case some quantity is still left uncovered on the part of local suppliers, the balance quantity may also be ordered to the L1 bidder.

(c) If the tendered item is not divisible, the following procedure of evaluation shall be followed:

i. Among all qualified bids, the lowest bid will be termed as L1. If L1 is from a local supplier, the contract will be awarded to L1.

ii. If L1 is not from a local supplier, the lowest bidder among the local suppliers will be invited to match the L1 price, subject to local supplier's quoted price falling within the margin of purchase preference of 20%. Accordingly, the contract shall be awarded to the local supplier matching the L1 price.

iii. In case such lowest eligible local supplier fails to match the L1 price, the local supplier with the next higher bid within the margin of purchase preference shall be invited to match the L1 price. This may be repeated until all the local suppliers are given an opportunity to match the L1 price. The contract shall be awarded accordingly. In case none of the local suppliers within the margin of purchase preference match the L1 price, the contract may be awarded to the L1 bidder.

1.32.4 Further, In tender, where the items are divisible, the participating Micro and Small Enterprises (MSE) quoting price within price band of L1+15 (fifteen) per cent shall also be allowed to supply a portion of requirement by bringing down their price to L1 price in a situation where L1 price is from someone other than a MSE and such MSE shall be allowed to supply up to 25 (twenty five) per cent of total tendered value. The 25 (twenty five) per cent quantity is to be distributed proportionately among these bidders, in case there are more than one MSMEs within such price band.

1.32.5 Within this 25% (Twenty five Percent) quantity, a purchase preference of 25 (twenty five) per cent out of 25 (twenty five) per cent is reserved for MSEs owned by Scheduled Caste (SC)/Scheduled Tribe (ST) entrepreneurs (if they participate in the tender process and match the L1 price). Further, out of the total annual procurement from the MSEs, (3%) three percent from within the 25% target shall be earmarked for procurement from MSEs owned by women. Provided that, in the event of failure of such SC/ST MSE to participate in tender process or

meet tender requirements and L1 price, four per cent sub-target shall be met from other MSE.

1.32.6 In case the items are not divisible, then the MSE quoting price within price band L1 + 15% may be awarded for full/complete supply of total tendered quantity to MSE, considering the spirit of the policy for enhancing the Government procurement from MSEs.

1.32.7 The bids shall be evaluated on the basis of final landing cost which shall be arrived as under:

For goods manufactured in India

- (i) The price of the goods quoted ex-works including all taxes already paid.
- (ii) GST and other taxes, if any 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.
- (iv) Wherever applicable, the cost towards the installation, commissioning, spares, extended warranty, AMC/CMC, site preparation and training including any incidental services, if any.

For goods manufactured abroad

- (i) The price of the goods, quoted on FCA (named place of delivery abroad) or FOB (named port of shipment), as specified in the bidding document.
- (ii) The charges for insurance and transportation of the goods to the port/place of destination.
- (iii) The agency commission etc., if any.
- (iv) Wherever applicable, the cost towards the installation, commissioning, spares, extended warranty, AMC/CMC, site preparation and training including any incidental services, if any. 1.32.8 The comparison between the indigenous and the foreign offers shall be made on FOB destination basis and CIF/CIP basis respectively. However, the CIF/CIP prices quoted by any foreign 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.**

The bidder should give a clear cut breakup of EXW, FOB/FCA, CIF/CIP prices to facilitate proper comparison with the purchaser reserving the right to order on either basis, failing which the bid would be summarily ignored.

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

1.32.9 Orders for imported stores need not necessarily be on FOB/FCA basis rather it can be on the basis of any of the incoterm specified in ICC Incoterms 2010 as may be amended from time to time by the ICC or any other designated authority and favourable to the purchaser.

1.32.10 Wherever the price quoted on FOB/FCA and CIF/CIP basis are the same, the Contract would be made on CIF / CIP basis only.

1.32.11 The GCC and the SCC shall specify the mode of transport i.e., whether by air/ocean/road/rail.

1.32.12 There is no provision to purchase optional items. The specifications embodied in the tender documents would be the basis of evaluating the responsiveness of bids received.

1.32.13 The Purchaser shall compare all substantially responsive bids to determine the lowest valued bid, in accordance with ITB Clause 1.32.

1.33 Contacting the Purchaser

1.33.1 Subject to ITB Clause 1.25, 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.

1.33.2 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.

1.34 Post qualification

1.34.1 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 1.14.

1.34.2 The determination will take into account the eligibility 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.

1.34.3 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

1.35 Negotiations

1.35.1 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 and shall be treated at par with negotiations in the case of one time purchases.

1.36 Award Criteria

1.36.1 Subject to ITB Clause 1.39, 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 website of the Purchaser.

1.37 Purchaser's right to vary Quantities at Time of Award

1.37.1 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 Schedule of Requirements to the extent of 25% without any change in unit price or other terms and conditions.

1.38 Option Clause

1.38.1 The Purchaser reserves the right to increase or decrease the quantity of the required goods up to 25% (Twenty-Five) per cent at any time, till final delivery date (or the extended delivery date of the contract), by giving reasonable notice even though the quantity ordered initially has been supplied in full before the last date of the delivery period (or the extended delivery period)

1.39 Purchaser's right to accept Any Bid and to reject any or All Bids

1.39.1 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.

1.40 Notification of Award

1.40.1 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.

1.40.2 Until a formal contract is prepared and executed, the notification of award should constitute a binding contract.

1.40.3 Upon the successful Bidder's furnishing of the signed Contract Form and performance security pursuant to ITB Clause 1.43, the Purchaser will promptly notify each unsuccessful Bidder and will discharge its bid security.

1.41 Signing of Contract

1.41.1 Promptly after notification, the Purchaser shall send the successful Bidder the Agreement/Purchase Order.

1.41.2 Within twenty-one (21) days of date of the Purchase Order, the successful Bidder shall sign, date, and return it to the Purchaser.

1.42 Order Acceptance

1.42.1 The successful bidder should submit Order acceptance within 14 days from the date of issue of order/signing of contract, failing which it shall be presumed that the vendor is not interested and his bid security is liable to be forfeited pursuant to clause 1.16.9 of ITB. 1.42.2 The order confirmation must be received within 14 days. However, the Purchaser has the powers to extend the time frame for submission of order confirmation beyond the original date. Even after extension of time, if the order confirmation is not received, the contract is liable to be cancelled provided that the purchaser, on being satisfied that it is not a case of cartelization and the integrity of the procurement process has been maintained, may, for cogent reasons, offer the next successful bidder an opportunity to match the financial bid of the first successful bidder, and if the offer is accepted, award the contract to the next successful bidder at the price bid of the first successful bidder.

1.43 Performance Security

1.43.1 Within 21 days of receipt of the notification of award/PO, the Supplier shall furnish performance security (PS) in the amount specified in SCC, valid till 60 days after the warranty period.

1.43.2 The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

1.43.3 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 or in equivalent Indian rupees in case the performance security is submitted by the Indian Agent.

1.43.4 In the case of imports, the PS may be submitted either by the principal or by the Indian agent and, in the case of purchases from

indigenous sources, the PS may be submitted by either the manufacturer or their authorized dealer/bidder.

1.43.5 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 Foreign bank with preferably its operating branch in India in the form provided in the bidding documents. Or

(b) A Banker's cheque or Account Payee demand draft in favour of the purchaser. Or,

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

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

1.43.7 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.

1.43.8 The performance security must be received within 21 days. However, the Purchaser has the powers to extend the time frame for submission of Performance Security (PS). Even after extension of time, if the PS is not received, the contract is liable to be cancelled provided that the purchaser, on being satisfied that it is not a case of cartelization and the integrity of the procurement process has been maintained, may, for cogent reasons, offer the next successful bidder an opportunity to match the financial bid of the first successful bidder, and if the offer is accepted, award the contract to the next successful bidder at the price bid of the first successful bidder.

1.43.9 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.

1.44. Pre-bid Conference (PBC)

1.44.1

A Pre-bid Conference shall be held as indicated in invitation to bid, if any. All prospective bidders are requested to kindly attend the Pre-bid Conference. In order to facilitate the purchaser the 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 or through email to id - spo@cdri.res.in with copy to so.purchase@cdri.res.in / rizvan.khan@cdri.res.in specifically mentioning the same in subject of the e-mail on or before 25.08.2020 (upto 05.00 PM).**). The purchaser shall answer the queries during the pre-bid conference, which would become a part of the proceedings of the Pre-bid Conference. The proceeding of the Pre Bid Conference would be hosted on the website of the purchaser. Before formulating and submitting their bids, all prospective bidders are advised to surf through the purchaser's website after the Pre-bid Conference, in order to enable them take cognizance of the revised tender conditions.

1.45 Integrity Pact

1.45.1 Integrity Pact binds both buyers and sellers to ethical conduct and transparency in all activities from pre-selection of bidders, bidding and contracting, implementation, completion and operation related to the contract.

1.45.2 The Integrity pact essentially envisages an agreement between the prospective vendors/bidders and the buyer, committing the persons/officials of both sides, not to resort to any corrupt practices in any aspect/stage of the contract. Only those vendors/bidders, who commit themselves to such a Pact with the buyer, would be considered competent to participate in the bidding process. In other words, entering into this Pact would be a preliminary qualification. The essential ingredients of the Pact include:

(i) Promise on the part of the Purchaser to treat all bidders with equity and reason and not to seek or accept any benefit, which is not legally available;

(ii) Promise on the part of bidders not to offer any benefit to the employees of the Purchaser not available legally and also not to commit any offence under Prevention of Corruption Act, 1988 or Indian Penal Code 1860;

(iii) Promise on the part of bidders not to enter into any undisclosed agreement or understanding with other bidders with respect to prices, specifications, certifications, subsidiary contracts; etc.

(iv) Undertaking (as part of Fall Clause) by the bidders that they have not and will not sell the same material/equipment at prices lower than the bid price;

(v) Foreign bidders to disclose the name and address of agents and representatives in India and Indian Bidders to disclose their foreign principals or associates;

(vi) Bidders to disclose the payments to be made by them to agents/brokers or any other intermediary;

(vii) Bidders to disclose any past transgressions committed over the specified period with any other company in India or Abroad that may impinge on the anti-corruption principle;

(viii) Integrity Pact lays down the punitive actions for any violation.

1.45.3 Each page of such Integrity pact proforma would be duly signed by Purchaser's competent signatory. All pages of the Integrity Pact are to be returned by the bidder (along with the technical bid) duly signed by the same signatory who signed the bid, i.e. who is duly authorized

to sign the bid and to make binding commitments on behalf of his company. Any bid not accompanied by Integrity Pact duly signed by the bidder shall be considered to be a non-responsive bid and shall be rejected straightway.

1.45.4 The SCC shall specify whether there is a need to enter into a separate Integrity pact or not.

1.45.5 The Integrity Pact would be effective from the date of invitation of bids till complete execution of the contract.

1.45.6 The names and contact details of the Independent External Monitors (IEM) on the event of the need of IP is as detailed in the SCC.

CHAPTER 2

CONDITIONS OF CONTRACT

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

GENERAL CONDITIONS OF CONTRACT (GCC)

2.1 Definitions

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

(a) "Contract" means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.

(b) "Contract Documents" means the documents listed in the Contract Agreement, including any amendments thereto.

(c) "Contract Price" means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract.

(d) "Day" means calendar day.

(e) "Completion" means the fulfilment of the Goods and related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.

(f) "GCC" means the General Conditions of Contract.

(g) "Goods" means 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) “Related Services” means 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” means the Special Conditions of Contract.

(j) “Subcontractor” means any natural person, private or government entity, or a combination of the above, to whom any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.

(k) Supplier” means the natural person, private or government entity, or a combination of the above, whose bid to perform the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.

(l) The “Council” means the Council of Scientific & Industrial Research (CSIR), registered under the Societies Registration Act, 1860 of the Govt. of India having its registered office at 2, Rafi Marg, New Delhi-110001, India.

(m)The “Purchaser” means any of the constituent Laboratory/Institute of the Council situated at any designated place in India as specified in SCC.

(n) “The final destination,” where applicable, means the place named in the SCC.

2.2 Contract Documents

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.

2.3 Code of Integrity

2.3.1 Without prejudice to and in addition to the rights of the Purchaser to other penal provisions as per the bid documents or contract, if the Purchaser comes to a conclusion that a (prospective) bidder/supplier, directly or through an agent, has violated this code of integrity in competing for the contract or in executing a contract, the Purchaser may take appropriate measures including one or more of the following:

- a) Cancellation of the relevant contract and recovery of compensation for loss incurred by the purchaser;
- b) Forfeiture or encashment of any other security or bond relating to the procurement;
- c) Recovery of payments including advance payments, if any, made by the Purchaser along with interest thereon at the prevailing rate.
- d) Provisions in addition to above:

1) Removal from the list of registered suppliers and banning/debarment of the bidder from participation in future procurements of the purchaser for a period not less than one year; 2) In case of anti-competitive practices, information for further processing may be filed under a signature of the Joint Secretary level officer, with the Competition Commission of India; 3) Initiation of suitable disciplinary or criminal proceedings against any individual or staff found responsible.

2.4 Joint Venture, Consortium or Association

2.4.1 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.

2.5 Scope of Supply

2.5.1 The Goods and Related Services to be supplied shall be as specified in Chapter 4 i.e. Specifications and allied technical details.

2.6 Suppliers’ Responsibilities

2.6.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with Scope of Supply Clause of the GCC, and the Delivery and Completion Schedule, as per GCC Clause relating to delivery and document.

2.7 Contract price

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

2.8 Copy Right

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

2.9 Application

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

2.10 Standards

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

2.11 Use of Contract Documents and Information

2.11.1 The Supplier shall not, without the Purchaser's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample or information furnished by or on behalf of the Purchaser in connection therewith, to any person other than a person employed by the Supplier in performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far, as may be necessary for purposes of such performance.

2.11.2 The Supplier shall not, without the Purchaser's prior written consent, make use of any document or information enumerated above except for purposes of performing the Contract.

2.11.3 Any document, other than the Contract itself, enumerated above shall remain the property of the Purchaser and shall be returned (in all copies) to the Purchaser on completion of the Supplier's performance under the Contract if so required by the Purchaser.

2.12 Patent Indemnity

2.12.1 The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 2.12.2 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:

- (a) the installation of the Goods by the Supplier or the use of the Goods in India; and
- (b) the sale in any country of the products produced by the Goods.

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

2.13 Performance Security

2.13.1 Within 21 days of receipt of the notification of award/PO, the Supplier shall furnish performance security in the amount specified in SCC, valid till 60 days after the warranty period.

2.13.2 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.

2.13.3 The Performance Security shall be denominated in Indian Rupees for the offers received for supplies within India and denominated in the currency of the contract in the case of offers received for supply from foreign countries or in equivalent Indian Rupees in case the Performance Security is submitted by the Indian Agent. 2.13.4 In the case of imports, the PS may be submitted either by the principal or by the Indian agent and, in the case of purchases from indigenous sources, the PS may be submitted by either the manufacturer or their authorized dealer/bidder.

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

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

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

2.13.7 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.

2.13.8 The order confirmation must be received within 14 days. 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 confirmation /PS are not received, the contract shall be cancelled provided that the purchaser, on being satisfied that it is not a case of cartelization and the integrity of the procurement process has been maintained, may, for cogent reasons, offer the next successful bidder an opportunity to match the financial bid of the first successful bidder, and if the offer is accepted, award the contract to the next successful bidder at the price bid of the first successful bidder.

2.13.9 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.

2.14 Inspections and Tests

2.14.1 The inspections & test, training required would be as detailed in Chapter-4 of the Bidding Document relating to Specification and Allied Technical details.

2.15 Packing

2.15.1 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.

2.15.2 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.

2.16 Delivery and Documents

2.16.1 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 specified in SCC.

A. For goods manufactured or supplied within India	
	Within 24 hours of dispatch, the Supplier shall notify the purchaser the complete details of dispatch and also supply following documents by registered post / speed post and copies thereof by FAX/email .
a.	Two copies of Supplier's Invoice indicating, inter-alia description and specification of the goods, quantity, unit price, total value and e-Way Bill
b	Packing List
c	Certificate of country of origin
d	Insurance certificate, if required under the contract
e	Relevant Railway receipt/Consignment note
f	Manufacturer's warrantee 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
Note:-	
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 Bidder will be responsible for any consequent expenses.

B. For goods manufactured or supplied from abroad	
	Prior to dispatch or within 24 hours of dispatch, the Supplier shall notify the purchaser the complete details of dispatch and also supply following documents by registered post / speed post and copies thereof by FAX/email
a	Two copies of Bidder's Invoice giving full details of the goods including quantity, value, etc.
b	Packing List
c	Certificate of country of origin
d	Manufacturer's guarantee 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 / Airport
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
Note:-	
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 Bidder will be responsible for any consequent expenses / demurrage, etc.
3.	The clearing of the consignment at New Delhi, IGI Airport / ICD shall be done by authorized Custom House Agents (CHA) of CSIR-CDRI. The corresponding shipping documents shall invariably be forwarded to them accordingly. It is mandatory to give us as well as our CHA, a PRE-ALERT before the consignment is dispatched. If there is delay in clearing of the consignment for not giving timely Pre-Alert, demurrage (Ware house charges), if applicable has to be refunded to us by the bidder/ supplier without exception.

2.16.2 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, Paris.

2.16.3 The mode of transportation shall be as specified in SCC. In case the purchaser elects to have the transportation done through Air, then air lifting needs to be done through Air India only. In case Air India does not operate in the Airport of despatch, then the bidder is free to engage the services of any other Airlines.

2.17 Insurance

2.17.1 Should the purchaser elect to buy on CIF/CIP basis, the Goods supplied under the Contract shall be fully insured against any loss or damage incidental to manufacture or acquisition, transportation, storage and delivery in the manner specified in SCC.

2.17.2 Where delivery of the goods is required by the purchaser on CIF or CIP basis the supplier shall arrange and pay for Cargo Insurance, naming the purchaser as beneficiary and initiate & pursue claims till settlement, on the event of any loss or damage.

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

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

2.18 Transportation

2.18.1 Where the Supplier is required under the Contract to deliver the Goods FOB, transport of the Goods, up to and including the point of putting the Goods on board the vessel at the specified port of loading, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract price. Where the Supplier is required under the Contract to deliver the Goods FCA, transport of the Goods and delivery into the custody of the carrier at the place named by the Purchaser or other agreed point shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.

2.18.2 Where the Supplier is required under the Contract to deliver the Goods CIF or CIP, transport of the Goods to the port of destination or such other named place of destination in the Purchaser's country, as shall be specified in the Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.

2.18.3 In the case of supplies from within India, where the Supplier is required under the Contract to transport the Goods to a specified destination in India, defined as the Final Destination, transport to such destination, including insurance and storage, as specified in the Contract, shall be arranged by the Supplier, and the related costs shall be included in the Contract Price.

2.19 Incidental Services

2.19.1 The supplier may be required to provide any or all of the services, including training, if any, specified in chapter 4.

2.20 Spare Parts

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

(a) Such spare parts as the Purchaser may elect to purchase from the Supplier, providing that this election shall not relieve the Supplier of any warranty obligations under the Contract; and

(b) In the event of termination of production of the spare parts: (i) Advance notification to the Purchaser of the pending termination, in sufficient time to permit the Purchaser to procure needed requirements; and

(ii) Following such termination, furnishing at no cost to the Purchaser, the blueprints, drawings and specifications of the spare parts, if requested.

2.21 Warranty

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

2.21.2 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.

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

2.21.4 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.

2.21.5 Upon receipt of such notice, the Supplier shall, within a reasonable period of time, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.

2.21.6 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.

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

2.22 Terms of Payment

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

2.22.2 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.

2.22.3 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. While claiming the payment, the supplier should certify in the bill/invoice that the payment being claimed strictly in terms of the contract and all obligations on the part of the supplier for claiming the payment have been fulfilled as required under the contract.

2.22.4 Payment shall be made in currency as indicated in the contract.

2.23 Change Orders and Contract Amendments

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

- (a) Increase or decrease in the quantity required, exercise of quantity opinion clause;
- (b) Changes in schedule of deliveries and terms of delivery;
- (c) The changes in inspection arrangements;
- (d) Changes in terms of payments and statutory levies;
- (e) Changes due to any other situation not anticipated;

2.23.2 No changes in the price quoted shall be permitted after the purchase order has been issued except on account of statutory variations.

2.23.3 No variation or modification in the terms of the contract shall be made except by written amendment signed by the parties.

2.24 Assignment

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

2.25 Subcontracts

2.25.1 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.

2.26 Extension of time.

2.26.1 Delivery of the Goods and performance of the Services shall be made by the Supplier in accordance with the time schedule specified by the Purchaser.

2.26.2 If at any time during performance of the Contract, the Supplier or its subcontractor(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 liquidated damages, in which case the extension shall be ratified by the parties by amendment of the Contract.

2.26.3 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 liquidated damages pursuant to liquidated damages Clause of the GCC unless an extension of time is agreed upon pursuant to above clause without the application of penalty clause.

2.27 Liquidated Damages

2.27.1 Subject to GCC Clause on Force Majeure, if the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Purchaser shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as penalty, a sum equivalent to the percentage specified in SCC of the delivered price of the delayed Goods or unperformed Services or contract value in case the delivered price of the delayed goods or unperformed services cannot be ascertained from the contract, 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.

2.28 Termination for Default

2.28.1 The Purchaser may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the Supplier, terminate the Contract in whole or part

(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; or

(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 etc as defined in GCC Clause and ITB clause on code of integrity in competing for or in executing the Contract.

2.28.2 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 is to be forfeited;

(b) The purchaser may procure, upon such terms and in such manner as it deems appropriate, stores similar to those undelivered, and the supplier shall be liable for all available actions against it in terms of the contract.

(c) However, the supplier shall continue to perform the contract to the extent not terminated.

2.29 Force Majeure

2.29.1 Notwithstanding the provisions of GCC Clauses relating to extension of time, Liquidated damages 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.

2.29.2 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.

2.29.3 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.

2.29.4 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.

2.30 Termination for Insolvency

2.30.1 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.

2.31 Termination for Convenience

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

2.31.2 The Goods 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) To have any portion completed and delivered at the Contract terms and prices; and/or

(b) To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and for materials and parts previously procured by the Supplier.

2.32 Settlement of Disputes

2.32.1 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.

2.32.2 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.

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

(a) If any dispute or difference arises between the parties hereto as to the construction, interpretation, effect and implication of any provision of this agreement including the rights or liabilities or any claim or demand of any party against other or in regard to any other matter under these presents but excluding any matters, decisions or determination of which is expressly provided for in this Agreement, such disputes or differences shall be referred to an Arbitral Bench consisting of three Arbitrators, one each to be appointed by each party and the two Arbitrators shall appoint a third Arbitrator who shall be the presiding Arbitrator. A reference to the Arbitration under this Clause shall be deemed to be submission within the meaning of the Arbitration and Conciliation Act, 1996 and the rules framed thereunder for the time being in force. Each party shall bear and pay its own cost of the arbitration proceedings unless the Arbitrators otherwise decides in the Award.

(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.

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

2.32.5 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.

2.33 Governing Language

2.33.1 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.

2.34 Applicable Law

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

2.35 Notices

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

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

2.36 Taxes and Duties

2.36.1 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.

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

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

2.36.4 All payments due under the contract shall be paid after deduction of statutory levies (at source) (like IT, etc.) wherever applicable.

2.36.5 Customs Duty – If the supply is from abroad this Institute is permitted to import goods as per notification No.51/96 – Customs and pay a concessional duty up to 5% as per notification 24/2002 – Customs on all imports.

2.37 Right to use Defective Goods

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

2.38 Protection against Damage

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

(a) Voltage 230 volts – Single phase/ 415 V 3 phase (+_ 10%) (b) Frequency 50 Hz.

2.39 Site preparation and installation

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

2.40 Import and Export Licenses

2.40.1 If the ordered materials are covered under restricted category of EXIM policy in India the Vendor / Agent may intimate such information for obtaining necessary, license in India.

2.40.2 If the ordered equipment is subject to Vendor procuring an export license from the designated government agency / country from where the goods are shipped / sold, the vendor has to mention the name, address of the government agency / authority. The vendor must also mention the time period within which the license will be granted in normal course.

2.41 Risk Purchase Clause

2.41.1 If the supplier fails to deliver the goods within the maximum delivery period specified in the contract or Purchase Order, the purchaser may procure, upon such terms and in such a manner as it deems appropriate, Goods or Services similar to those undelivered and the Supplier shall be liable to the purchaser for any excess costs incurred for such similar goods or services.

2.42 Option Clause

2.42.1 The Purchaser reserves the right to increase or decrease the quantity of the required goods up to 25% (Twenty-Five) per cent at any time, till final delivery date (or the extended delivery date of the contract), by giving reasonable notice even though the quantity ordered initially has been supplied in full before the last date of the delivery period (or the extended delivery period)

2.43 Integrity Pact

2.43.1 The SCC shall specify whether there is a need to enter into a separate Integrity pact or not.

2.43.2 The names and contact details of the Independent External Monitors (IEM) on the event of the need of IP is as detailed in the SCC.

2.44 Order Acceptance

2.44.1 The successful bidder should submit Order acceptance within 14 days from the date of issue of order/signing of contract, failing which it shall be presumed that the vendor is not interested and his bid security is liable to be forfeited pursuant to clause 1.16.9 of ITB.

B SPECIAL CONDITIONS OF CONTRACT

Note-(Please Refer to Chapter-4 of the tender document for detailed T&C of the Tender)

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.

Special conditions of contract (SCC)

Sl. No.	GCC Clause Ref	Condition
1	GCC 2.1.1(l)	The Purchaser is: The Director, CSIR-Central Drug Research Institute, jankipuram Extension, Sector-10 Lucknow, Uttar Pradesh-226031
2	GCC 2.1.1(m)	The Final Destination is: CSIR-Central Drug Research Institute, jankipuram Extension, Sector-10 Lucknow, Uttar Pradesh-226031
3	GCC 2.13.1	The amount of the Performance Security shall be 10 % of the contract value.
4	GCC 2.15.2	<p>The marking and documentation within and outside the packages shall be: (a) Each package should have a packing list within it detailing the part No(s), description, quantity etc.</p> <p>(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.</p> <p>(c) Each package should be marked as 1/x, 2/x, 3/x.....x/x, where "x" is the total No. of packages contained in the consignment.</p> <p>(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.</p>
5	GCC 2.16.1	<p>Details of Shipping and other Documents to be furnished by the Supplier are : For goods manufactured within India Within 24 hours of dispatch, the supplier shall notify the purchaser the complete details of dispatch and also supply following documents by registered post / speed post and copies thereof by FAX/Email. (a) Two 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 guarantee certificate and in-house inspection certificate;</p> <p>(g) Inspection certificate issued by purchaser's inspector, if any; and (h) Any other document(s) as and when required in terms of the contract.</p> <p>Note: 01. The nomenclature used for the item description in the invoices(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). 02. 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.</p> <p>For goods manufactured 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/Email. (a) Two copies of supplier's Invoice giving full details of the goods including quantity, value, etc.; (b) Packing list; (c) Certificate of country of origin issued by supplier; (d) Manufacturer's guarantee and Inspection certificate; (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</p>

		<p>Lading/Airway Bill; (l) Any other document(s) as and when required in terms of the contract.</p> <p>Note: 01. The nomenclature used for the item description in the Invoices (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).</p> <p>02. 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.</p>
6	GCC 2.16.3	<p>In case of supplies from within India, the mode of transportation shall be by by Road.</p> <p>In case of supplies from abroad, the mode of transportation shall be by Air.</p>
7	GCC 2.17.1	<p>Insurance From Abroad: The Insurance shall be for an amount equal to 110% of the CIF or CIP value of the contract from within —warehouse to warehouse (final destination) on —all risk basis including strikes, riots and civil commotion.</p> <p>Within India: The Insurance shall be for an amount equal to 110% of the invoice value of the contract from —warehouse to warehouse (final destination) on "all risk basis including strikes, riots and civil commotion.</p>
8	GCC 2.21.3	The period of validity of the Warranty shall be Please Refer to Chapter-4 of the tender document for detailed specification and T&C from the date of acceptance.
9	GCC2.22.1	<p>The method and conditions of payment to be made to the Supplier under this Contract shall be as follows: Payment for Goods supplied from abroad:</p> <p>Payment of foreign currency portion shall be made in currency of the Contract in the following manner: (a) On Shipment: Eighty percent (80 %) of the Contract Price of the Goods shipped shall be paid through irrevocable letter of credit opened in favour of the Supplier in a bank in its country, upon submission of documents specified in GCC Clause 2.16. (b) On Acceptance: Twenty percent (20%) of the Contract Price of Goods received shall be paid within thirty (30) days of receipt of 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.</p>
	GCC 2.22.1	<p>The L/C 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 L/C 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. 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. Payment for Goods and Services supplied from India: The payment shall be made in Indian Rupees, as follows: (a) After shipment : _____ percent (____ %) of the Contract Price shall be paid on receipt of the Goods in good condition and upon submission of the documents specified in GCC Clause 16.1 b) On Acceptance: The remaining _____ 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. Note: All payments due under the Contract shall be paid after deduction of statutory levies at source (like ESIC, Income Tax, etc.), wherever applicable.</p>
10	GCC 2.27.1	The penalty shall be 0.5% per week or part of a week towards late delivery and towards delay in installation and commissioning
11	GCC 2.27.1	The maximum amount of penalty shall be 10%
12	GCC 2.34.1	The place of jurisdiction is LUCKNOW (name of the place from where the contract is issued)
13	GCC 2.35.1	For notices, the Purchaser's address is The Director, CSIR-Central Drug Research Institute, jankipuram Extension, Sector-10 Lucknow, Uttar Pradesh-226031
14	GCC 2.35.1	<p>Telephone: +91-05222772450/2772550 EPABX Tel: +91 05222772450 Facsimile number: +919454360186(SPO), 9984856787(SO(S&P), 7054440804(ASO(S&P)) Electronic mail address spo@cdri.res.in, so.purchase@cdri.res.in, rizvan.khan@cdri.res.in</p>
15	GCC 2.43.1	Integrity Pact – submission and sign of the Integrity pact in the prescribed format (Annexure- 5 M) is MANDATORY. Bids received without Integrity pact duly signed by the authorized signatory of bidder along with official seal shall be rejected forthwith.
16	GCC 2.43.2	<p>The name and contact details of the Independent External Monitor(IEM) are as under:</p> <p style="text-align: center;">Shri Anand Deep Independent External Monitor (IEM) Next to Gurudwara Pandu Nagar, Kanpur UP 208005 Mobile No. 9044796781 anand.deep117@gmail.com</p>

CHAPTER 3

(To be filled by the bidder as appropriate and enclosed with the Technical Bid)
SCHEDULE OF REQUIREMENT

Sl. No.	Brief Description of Goods & Services	Quantity	Physical Unit	Final destination/place	Delivery Schedule (to be filled by the bidder)	Time frame required for conducting installation, commissioning of the eqpt., acceptance test, etc. after the arrival of consignment (to be filled by the bidder)

Term of delivery: FOB / FCA / CIF / CIP _____ (named port of shipment or named place of delivery)
(retain only one)

Period of delivery shall count from : _____ (to be filled by the bidder)

Scope of Supply : _____

Training requirement: _____

(Location, no. of persons, period of training, nature of training)

Date :

Place :

Signature of the Bidder

Notes for Bidders:

(1) The delivery schedule shall clearly indicate the time period within which the successful bidder must deliver the consignment in full from the date of establishment of LC or from the date of contract or from the date of advance payment etc. It should also indicate separately the time period desired for installation and commissioning of the equipment after arrival of the consignment at the premises of the Purchaser.

(2) The date or period for delivery should be carefully specified, taking into account

(a) The implications of delivery terms stipulated in the Instructions to Bidders pursuant to the Incoterms rules (i.e., EXW, or CIF, CIP, FOB, FCA terms— that “delivery” takes place when goods are delivered to the carriers), and

(b) The date prescribed herein from which the delivery obligations start (i.e., notice of award, contract signature, opening or confirmation of the letter of credit, date of releasing advance payment etc.).

CHAPTER-4

Design, Supply, Installation, Testing, Validation and Commissioning of Bio-Safety Laboratory Level-3 containing (1) BSL-3 lab (2) Animal Biosafety lab (ABSL-3) (3) Aerosol challenge room and instrumentation room as per below specifications and reference design layout on a Turnkey basis at New Campus of CSIR-CDRI, Lucknow.

Prerequisite:

- The Bidder must have the experience of successful design, supply, installation and commissioning of at least 1 BSL-3/ABSL-3 Lab in last five years. Details to be submitted along with copies of work orders and successful completion certificates from the client.
- The Bidder shall have the experience and setup for providing Operation and Maintenance Services for at least one BSL-3/ABSL-3. Details shall be submitted along with copies of work order and satisfactory execution of Operation and Maintenance Services from the client.
- One staff from the Bidder firm should be stationed for the routine maintenance of the BSL-3 Lab up to five years after successful installation and commissioning of the facility.
- Lab should be in compliance with national and international standards: WHO, CDC, NIH, ICMR- latest Guidelines.
- The bidder should not have been blacklisted, debarred or expelled by Union Government/State Governments/ PSU's etc. on the date of submission of Bid.
- The facility is primarily for use in drug-discovery research on *Mycobacterium tuberculosis* H37Rv and related drug-resistant pathogenic strains and for research work that requires the use of BSL-3 and A-BSL3 laboratory.

Scope of Work:

Scope will include Design, Supply, Installation, Testing, Commissioning (SITC) and validation of the BSL-3 facility and Animal Biosafety Laboratory (ABSL-3) on Turnkey Basis. This includes: all necessary approvals from concerned government departments, map approval for building, civil works as per approved plan, plumbing, drainage, finishing of external works and painting. The scope also includes the arrangement of power cables up to the main LT panel of BSL3 labs, design and construction of drain and sewer line from BSL3 labs to the available drain line, arrangement of water connection to the water storage tank of labs from institute water supply portal.

For safe operations as per the guidelines and monitoring of the facility, the system must have necessary controls through a direct digital control (DDC) based system with requisite sensors for controlling indoor conditions/environment including pressure gradient, temperature, humidity, exhaust, etc. An addressable fire detection system, Access Control System and CCTV System shall also be provided. Any other work related to smooth working of the facility shall be treated as a part of scope of the bidder. The entire lab shall be validated by the third party, arranged by vendor in consultation with the institutional BSL-3 committee, as per the International Guidelines and necessary documentation and validation report will be submitted at the time of handing over.

In addition to the above mentioned scope details, the bidder will ensure adherence to all required construction parameters, quality and materials needed for the smooth and complete functioning of the facility.

Warranty- The party shall be responsible for successful maintenance and uninterrupted running of the facility for a minimum period of 5 years after commissioning.

Note: The bidder, in addition to quoting a lump sum price for the BSL3 and ABSL3 facility, will quote break up prices for complete civil works, external electrical line, HVAC and BMS systems, drainage line and water connection and essential BSL-3 equipments like safety cabinets, autoclaves, pass boxes as per unit basis mentioned in BOQS.

Details of the laboratory design and space:

- Overall size should be similar or bigger than the enclosed reference design where the lengths refer to the actual usable floor-space area.
- Inner Lab Temperature: 220C +/- 20C [considering outside temperature 40C (winter) and 450C (summer)]
- Air changes per hour (ACPH): More than 16 ACPH
- Cleanliness standards: As specified in WHO guideline for BSL-3 and ABSL-3 labs.

HVAC SYSTEM AND BUILDING MANAGEMENT SYSTEM

The proposed BSL-3 and ABSL-3 Laboratory and support areas shall be air-conditioned through separate dedicated Central AC System comprising of Chiller Pack, Air Handling Units, Exhaust System, Air Filtration System and Air Distribution System complete in all respect. The system shall be with standby and backup provisions capable to provide uninterrupted continuous 24 x 7 x 365 days operation of the laboratory to maintain the required temperature, humidity, air-change rate, differential pressure gradient and air filtration conditions of the Lab. Submit the HVAC system and BMS design and working drawings for prior approval. The HVAC system shall comply with the given specifications and performance requirements and shall be complete in all respect, as required and approved.

ROOM OPERATING PRESSURE: as detailed in reference labs design layout.

Air Conditioning Plant: Inner Laboratory Temperature to be maintained at 220C +/- 20C.

Chiller: Supply, installation, testing and commissioning of CHILLING UNITS each complete with compressor, motor, insulated chiller, flow switch, condenser fans, vibration isolators, integral refrigerant piping and wiring, accessories as required and called for. The Chiller Pack shall be skid mounted with Air Cooled Condenser, Evaporator/Chiller, Micro-processor control panel including interconnecting control and power wiring, refrigerant charge etc. complete in all respect. To provide backup capacity, the chiller pack shall have multiple compressors. The noise level should not exceed the permissible government standard. It should also have electronic thermostats for tripping the compressors after reaching set temperature. Approved Eco Friendly Refrigerant R-134 a / R-410 a.

Air Handling Unit (AHU): The AHU constructed over a metallic structure made with normalised steel profiles, covered with sandwich type panel. The panel is made with lacquered galvanised stainless steel plates, with 120 kg/m³ rock-wool foam core. The gaps between panel and structure will be sealed with neoprene joints in order to guarantee the air tightness of the AHU. AHU includes the following sections: mixing sections, with regulation dampers for fresh intake air and return air, pre-filtration section, electrical resistance for heat battery, cool battery made of copper pipes and aluminium blades, fan section including high-pressure fan, absolute filtration section H-14. All the supply AHUs comprise of following sections: Intake louver, Pre-filter section with 20 microns and 10 microns filters, cooling coil section, blower section, driver set and pulley, fine filter section with 5 microns filter. Other accessories like dampers, SS304 drain pan, common base frame with vibration isolators pads, suitable inspection doors for filter, coil & blower sections, are provided. They are connected to HEPA filters for all BSL-3 rooms, corridors and air-lock rooms. All HEPA filters, the lay-in type, are at 99.99% efficient to @ 0.3 micron particle size, hermetically sealed and ducted aluminum terminal units. The HEPA filter should be capable to withstand corrosive agents and gases used for lab fumigation.

Air Flow: No recirculation, one pass design. Air control by a series of motorized damper with PC controlled actuator. Pressure is measured by digital type pressure differential gauge and feedback into the control software for pressure setting, maintenance and alarm setting.

Air Filtration System: All incoming air filtered by three stages Filtration in AHU. All main lab exhaust air pass through BIBO HEPA.

Three Stages for supply Pre - Filtration:

As per ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers)

ASHRAE 1st stage 30% efficiency

ASHRAE 2nd stage 90% efficiency

Final Stage HEPA Filtration 99.99% efficiency

HEPA filters for Exhaust: BIO HEPA Filter 0.3 micron @ 99.99% efficient

Ducting and Insulation for Supply and Exhaust Ducts: The supply air and exhaust ducting shall be carried out in GI sheet (class VIII with zinc coating of 120 gm/sqm). All duct fabrication work, thickness of sheet metal, supports, hangers shall conform to Sheet Metal and Air Conditioning Contractors' National Association (SMACNA) standards. All joints shall be sealed with silicone sealant.

Duct Insulation: Closed cell, fire retardant, self extinguishing type cross linked polyethylene insulation density not less than 24 Kg/sqM, "K" value not more than 0.028 Kcal/OC with adhesive tape etc, on duct complete as per specification and drawings.

Motorized Airtight Damper: Consists of aluminium casing with factory fitted motorized damper. Casting and attachment should be stainless steel. The damper blade with plastic seal when closed should comply with DIN EN 1751, CLASS 4 (Exception normal size 100 and 125, class 3), also complies with the requirement of DIN 1946, Part 4 (leakage <10 M3/h. M2 of damper cross section with a 100 Pa Pressure differential).

Fire Dampers: Fire Dampers provided in the supply and exhaust air systems shall be interlocked with the AHU blower motors such that in case of fire, the AHU fan motor should trip automatically. Fire dampers may be linked to the control panel.

Sound Damper: For reducing the noise level of the air travelling through the duct. To be placed after the air throwing machines to absorb the extra noise and make the surrounding noise proof.

Control Pressurization: Laboratories should be maintained at a higher negative pressure than the corridors/airlocks and other non-laboratory spaces.

Ultra Violet Germicidal Irradiations (UVGI) System: Supply, installation, testing, commissioning and handling of the UVGI System for maintaining the indoor air quality. The components of the system must be in strict conformity with the specifications. The prices to include all inter connected wiring between the UVGI lamps. The UVGI system shall be installed in supply air ducts or AHU itself.

BUILDING MANAGEMENT SYSTEM (BMS): A customized Building Management System shall be designed, programmed and provided to:

i. Control and monitor the operation of HVAC system and other laboratory operating parameters in the BSL-3 and ABSL-3 Lab rooms: Room/Area/zone pressure, ambient temperature & RH, AHU and Exhaust Blower operating status, VFD status & VCD status, Open/Close dampers status, supply & exhaust air quality in each BSL-3 Laboratory rooms/zone.

ii. The BMS shall be complete with PLC, Sensors, Controllers, power and control wiring, customized software and other associated field devices, hardware and accessories complete in all respect, as per requirement and approved design.

iii. The HVAC system START and STOP sequence shall be interlocked to prevent positive pressurization of the BSL-3 and ABSL-3 laboratory, at any point of time.

iv. A dedicated desktop PC with latest configuration (Intel i5 processor, 1 TB hard disk, and 8GB RAM) shall be provided for the BMS operation and control along with a parallel secondary display screen of 40" size at the BSL-3 laboratory entrance to show the operating parameters. System should be supplied with a DVD writer drive, a B/W Laser Printer and UPS with half an hour battery backup.

v. The BMS control panel shall be powered through UPS. Upon restoration of power after a power failure, the BMS shall start the HVAC system automatically without any human interface and restore the normal operational set points of the system.

Alarm and Monitoring Systems: For Pressure gauge, Pressure alarm visual/audio, Temperature/RH alarm visual/audio, Emergency panic button (break glass type) - audio all rooms/control room, Emergency door-open" button (For interlock door).

At the Control Side – Biosafety BSL3- control software

Computerized Controls (PLC/DDC): The Control System, consist of PLC (Programmable Logic Controller), should autoadjust system airflow and maintain system at the designated (-) pressure. The PLC/DDC should have the following features:

- The PLC controlled system controller via a dedicated software program.
- Centralized Control. Automatic air flow control.
- Pressure, Temperature & Humidity monitor and control.
- Doors interlock - controlled by PLC/DDC and display on the PLC/ DDC control panel.
- HEPA filter resistance and efficiency monitoring. When the pressure of the filters reaches the setting value, the PLC/DDC has the alarm.

The DDC System should be real time control on the internet and realize different control strategy separately. The DDC system should address the bubble tight position according to the negative pressure feedback signal to control the negative pressure of the laboratory at the set up value. Emergency shutdown when system integrity breaches the correct sequence. In case of the normal fan failures, the standby fan should be turned on to achieve the set negative pressure value in 30 seconds. When opening the lab, first turn on the exhaust fan, then turn on the supply fan; pressure stability accomplished within 15 minutes from the start up. When turning off the lab, first turn off the supply fan, then turn off the exhaust fan.

BMS SOFTWARE: Supply, Installation, Testing and Commissioning of the BMS System Software: Graphical software meeting the requirements in the Given I/O summary and technical specifications including configuration and facility to create / provide the graphic mapping for all I/O summary points, configurable password protection for Building Mgmt System as per Specifications. Software shall be able to communicate with Bacnet, Modbus devices simultaneously, with unlimited web user license capacity. Same software can be used as programming/commissioning software.

BMS PANEL: Automation stations/ Direct Digital Controller with I/O module etc. The networkable controllers shall be 32 bit, UL listed microprocessor with built in networkable (IP) type with real time clock with SD-CARD programmable memory. Minimum one networkable DDC (32 bit, UL Listed) should have inbuilt graphics display with knob operation. The networkable DDC's shall be capable of either direct sitting on IP LAN or peer to peer communication with lockable MS mounting cabinets duly powder coded connector strip, internal wiring and space to house controller & relays, connector etc. as per IO summary.

Door Interlock and Access Control System: The door interlock and access control system shall be provided with combination of proximity card based, numerical key pad lock based and push button based system. The system shall be complete with access logic controllers, door electromagnets, proximity cards and card reader/s, numerical keypad locks, door release push buttons, emergency door release buttons, PC communicator, control and power wiring and cabling and other required accessories, hardware, and software. The access control system shall be powered through UPS supply for uninterrupted operation even during mains power failure. The door electromagnetic lock shall be suitable for installation on doors/frames. The electromagnetic lock and armature shall be constructed and designed to provide trouble free service.

CCTV System: CCTV System shall be provided for surveillance of the Laboratory. The number of Cameras will be as per the floor plan with one Camera in each room except shower and changing room. The CCTV system shall be complete with wall/ceiling mounted high resolution colour cameras, multiplexer cum DVR of 16 Channel, LCD color monitor 32" size (as required), associated power and control cabling etc. and required hardware and software. The output of the CCTV system cameras shall be displayed on LCD monitor, to be installed at approved location. The cameras shall be high resolution colour cameras and shall be suitable for indoor installation. The multiplexer cum DVR shall be suitable for saving up-to 16 channels analog data, audio, text data and event data with play back feature. The DVR memory/Hard disk capacity shall be 1 TB. For convenient backups the DVR shall be compatible with Windows based OS so that it can be backed up through a PC.

Fire Detection and Alarm System: The complete BSL-3 Laboratory and support areas shall be provided with Addressable type Fire Detection and Alarm System. The Fire Detection & Alarm System shall be complete with Smoke detectors, Heat detectors, Fire Alarm Panel, manual call points, response indicators, power and control wiring and cabling etc. complete in all respect; Temp/RH/Pressure Sensor, Pressure alarm visual/audio, Emergency panic button (break glass type) - audio all rooms/control room, Emergency door-open" button (For interlock door)

ELECTRICAL SYSTEM AND ASSOCIATED WORKS: Electrical power distribution system scheme for the complete BSL-3 Laboratory should be provided. The electrical distribution system shall be designed and installed as per the Indian Electricity Rules and shall conform to NBC. The electrical load calculation sheet, power and light wiring diagrams, GA and Single Line diagrams for Electrical Distribution Panels, cable routing etc., before proceeding with the work.

i) Power Distribution System: The executing agency shall design and provide the main power distribution (LT) panel, sub distribution boards and panels complete with required switchgears, breakers, circuit breakers, power and control wiring, etc. for complete Laboratory Facility. This will include supply and laying of cabling/wiring for HVAC System and fixed equipments and systems like Autoclaves, Bio-safety cabinets, access control system, CCTV system etc. As required in lab. For circuit and power distribution, the DB's shall be 8/12 way TPN vertical/Horizontal with double door 3 phase/1 phase, fitted with ELCB, RCCB, MCB etc. complete as required. Only multi-stranded copper conductor wires shall be used for sub-main wiring, circuit wiring, light and power wiring. All joints shall be made at main switches, distribution board socket and switch boxes only. No joint shall be made in conduits and junction boxes. Conductors shall be continuous from outlet to outlet.

ii) Internal Light Points, Power Points, Fittings and Fixtures: The Electrical fittings and fixtures in the BSL-3 and ABSL-3 Laboratory and support areas shall be sealed type, explosion proof, capable to withstand chemical exposures during laboratory fumigation. The Laboratory rooms shall provide 450- 500 lighting Lux level and the light fixtures shall be surface mounted type. The switches, sockets and light fixtures in BSL-3 Lab and support areas shall have IP 55 or better protection. All the electrical points, power points, light and power sockets shall be fully wired with switches, sockets, connections complete in all respect as required. Some of power points / sockets should be suitable for high

power consumption instruments like deep freezers, floor model centrifuges, biosafety cabinets etc and will be decided based on floor map. Only multi-stranded copper conductor wires shall be used for light and power wiring. The internal wiring shall conform to the Indian Electricity Rules and BIS standards. The conduit work for light points, power points, voice and data points, FDA system etc., shall be concealed type and shall be done in rigid PVC as per IS specifications. All the conduit pipes shall be sealed to prevent ingress of air.

iii) UPS: An online UPS of 30 KVA (or as required depending on the overall load with economic annual maintenance charges) capacity shall be provided for un-interrupted power backup to critical components like Door Interlock and access control system, BMS Operation and shower control panel operation. The power backup through the UPS shall be for minimum 30 minutes. The UPS shall be complete with battery bank, battery rack, interconnecting cabling and wiring, complete in all respect.

iv) Communication Facility (Intercom & LAN): The Laboratory areas and support and service areas shall be provided with Data (LAN) and Voice points (Intercom) for communication. The system shall be complete with required conduit and wiring. The Data and Voice points shall be fully wired with CAT6 cable complete with output terminals. A suitable EPABX shall be provided for upto 2 incoming lines and 10 outgoing lines for the laboratory for internal communication. All the rooms shall be provided with intercom connection and telephone instrument set.

INTERNAL CONSTRUCTION WORKS & FINISHES:

The internal partition walls and ceiling construction in BSL-3 Laboratory, Screening Lab and the support areas shall be carried out with prefabricated, non-particle shredding panels in Powder Coating finish. The ceiling shall be walk-able type for access of services above for maintenance purpose.

i) Modular Wall & Cladding Panels: Double skin modular wall panels made of 0.8mm thick GPSP (galvanized plain skin pass) sheet powder coating with min. 60 Micron on both sides with PUF of density $40 \pm 2 \text{ kg/m}^3$ as infill, GI profiles for reinforcement along the periphery, floor track in Painted GI with EPDM rubber below Floor Track using Fastener bolts, self-tapping screws at suitable interval, suitable to accommodate the epoxy floor flush with wall panel. Joints shall be sealed with clean room compatible silicon sealant.

Wall panel is sealed airtight, that ensures air leakage. There are cut-outs on the walls to accommodate electrical outlets, telephone & intercom pipelines, control panels, monitoring devices, emergency warning systems, pass-thru' cabinets and piping where are applicable.

Wall Panel Thickness - 80-100 mm
Cladding Panel Thickness - 50-60 mm
Outer Skin (both sides) - Powder Coated GSS sheet in 0.8 mm thickness
Insulation/Filler material - PUF having density of 35-40kg/m³
Shade/Color - As approved
Services - Pre-inserted conduits for electrical wires/cables etc.
Sealing of Joints - Silicone Sealant
Sealing of Penetration - Silicone Sealant

Ceiling Panels: Double skin totally flush walkable false ceiling made of 0.8mm thick GPSP (galvanized plain skin pass) sheet powder coating with min 60 micron on both sides with PUF of density $40 \pm 2 \text{ kg/m}^3$ as infill, GI profiles for reinforcement along the periphery, including ceiling grid for easy installation and necessary hardware like threaded rods, Fastner Bolts, self-tapping screws, nuts and bolts etc. Joints shall be sealed with clean room compatible silicon sealant. (Load bearing capacity- 150 kg/m²).

- Double skin modular wall panels made of 0.8mm thick GPSP (galvanized plain skin pass) sheet powder coating. The solid ceiling panels will be placed side by side and fastened together. Ceiling trim (PVC) pieces will be installed on the ceiling to seal the ceiling panel airtight. The GI panel edges are sealed with Room Temperature Vulcanizing (RTV) Silicone to the structural frame and fasten on both sides to form an airtight sealed panel.
- The wall and ceiling system should be impervious, non-corrosive, antibacterial and antifungal surface finish suitable for use of wide range of chemicals like Hydrogen peroxide, formalin etc. for laboratory decontamination.
- The solid ceiling panels of size 80mm and 50mm shall be capable to withstand the high negative operating pressure of BSL-3 and shall be suitable for normal walking pressure and strong enough to allow personnel to climb above for installation and servicing via the service access on the side of the laboratory.

The Radius Coving (wall-to-wall, and wall-to-ceiling, from inside to outside corner): Smooth radius coving should be installed at all wall-to-wall and wall-to-ceiling joints. All seams should be carefully sealed with RTV sealant. Corners at floor - coved from PVC floor sheet to the wall.

Flooring: Flooring shall be in 3 mm self-level epoxy in approved shade, complete with base coat, sealer coat and 3 mm top coat in self-levelling epoxy conforming to IS:4631.

Doors: All Air-Tight Doors (air-lock to the outside of the BSL-3 Laboratory) are constructed with steel and powder-coated (for easy cleaning). 46 mm thick doors made with PU painted 0.8mm thick GPSP sheets on both sides with honeycomb kraft paper as infill, 1.2 mm thick GPSP powder coated door frames, hardware like SS push plate, SS 'D' handle, SS ball bearing butt hinges, Double glazed view panel with Automatic Concealed door bottom drop seal and 1.2mm thick SS304 kick plate.

The door is installed completely with pull-door-handle door, closer and electrical interlock mechanism. The Airlock doors and emergency Exit Door shall be Air-Tight Doors. These Air Tight Doors should have adequate gasket arrangement to provide air tight seal and may have a step-over seal. The interlock logic shall be such that while entering or exiting the facility, traffic from the other side should not get access, to ensure privacy.

ESSENTIAL EQUIPMENTS & SYSTEMS

1) BIOSAFETY CABINET: Class II B2 type (6x2x2). 4 Qty's 2 in BSL-3 room and 2 in ABSL3 room. Bidder will supply these cabinets, select Brands only; Telstar, Thermo, Nuaire or equivalent.

2) Wall mount two way AUTOCLAVE; 2 QTY, shall be double door, rectangular, steam operated, high pressure high vacuum, suitable for horizontal loading of waste. The autoclave shall be with bioseal design. The chamber size shall be approximately 600 mm x 600 mm x 900 mm, of 325 Ltr capacity or higher. The autoclave shall be free standing type. The Autoclave shall be PLC controlled, programmable and shall be loaded with different pre-programmed decontamination and sterilization cycles. The chamber and door plate should be made of non-corrosive stainless steel AISI 316 quality and electric steam generator would be made of stainless steel AISI 304 quality.

The jacket would be made of Boiler Quality steel. The chamber & jacket should be hydraulically tested to 2 times the working pressure. The normal working pressure would be 2.1 Kg/cm² corresponding to temperature 1350C.

The unit should be incorporated with water ring vacuum pump to create vacuum of 24" when the temperature of cooling water to the pump is less than 300C for total evacuation of the air from the chamber, thus allowing complete sterilization of the load in shortest possible time.

The system shall be PLC based microprocessor with the facility of HMI (Human-Machine-Interface) which is incorporated with the sterilizer. The Micro-Processor based control Panel will control entire cycle of sterilization and steam pulsing automatically through water ring vacuum pump. The control panel shall house the complete automatic process control arrangement including timers, relays, contactors etc.

3) PASS BOX shall be provided at required locations as per floor plan for transfer of samples, chemicals and materials into the laboratory. Pass box with UV and inbuilt HEPA filtration system to be provided.

The Pass Box shall be constructed in 18 swg SS 304. The corners inside the Pass Box chamber shall be coved for easy cleaning. The pass box chamber dimension shall be approximately 610 mm x 610 mm x 610 mm. The unit shall be complete with HEPA filters, blower, motor, door electromagnets, door interlock, UV Lamp with timer, necessary wiring, controls and all other accessories. etc. complete.

The Pass Box doors shall be interlocked by providing suitable electromagnet, so that both the door cannot be opened simultaneously. The interlock shall provide visual indicator for door open/close conditions. The blower motor of Pass Box shall of suitable rating and shall be dynamically and statistically balanced. Magnehelic differential pressure gauge shall be provided to indicate the pass box chamber pressure. The pass box shall be provided with UV light with ON/OFF switch and shall be interlocked with the pass box doors.

4) EFFLUENT DECONTAMINATION SYSTEM with Biowaste treatment plant: The Chemical Decontamination System for BSL-3 Laboratory effluent shall comprise of two nos. Effluent Collection tanks (1 Working +1 Standby), each of full required Capacity. The decontamination tanks shall be constructed in SS 304 (14 gauge). The drain line from BSL-3 Laboratory containment area shall be terminated to the effluent decontamination tanks. The effluent decontamination tanks shall be provided with motorized OPEN/CLOSE valves connected with liquid level sensor such that when one tank get filled up to full volume, the supply valve shall automatically close and the supply valve of the standby tank shall automatically open to allow collection of effluent. One number chemical storage tank in SS 304 (14 gauge) fitted with transfer pump and measuring device, piped and connected to both the decontamination tanks shall also be provided for introducing disinfectant chemical into the decontamination tanks. The system shall be complete with items: - Motorized valve connected with liquid level sensor through control panel - Disinfectant Chemical storage tank - Disinfectant Chemical dosing pump - Non return valves - Interconnecting piping including piping for chemical dosing - Pumps for discharging decontaminated effluent into sewer/drain (1W+1S) - Power and control cabling/wiring for pumps and motorized valves with control panel.

SERVICE & UTILITIES: Power: The bidder should make arrangement of power cables upto the main LT panel of BSL3.

Water: Water supply for the BSL-3 Laboratory will be arranged and provided by the bidder from the ILS water storage tank and the BSL-3 Laboratory

Drain & Sewer Line: The drain from the BSL-3 Laboratory, after decontamination, should be connected to the nearest available drain line. The bidder should design and construct the drain and sewer line from BSL3 lab to the available drain line.

Utilities for laboratory equipment/s: Utility connections like power, water, drain etc. required for the laboratory equipment should be provided.

TESTING, VALIDATION AND COMMISSIONING

a) After completion of the construction and installation works, all the equipments, systems and services shall be commissioned and tested to check the operation and performance of each equipment and system.

b) Once all the equipments and systems are found to be working satisfactory, the validation of the BSL-3 Laboratory shall be carried out by us in the presence of authorized representatives/committee of the Institute. The Validation of the BSL-3 Laboratory shall be carried out in accordance with the NIH Guidelines for commissioning and validation of BSL-3 Laboratories. During the validation process, operation and functioning of complete installations shall be checked to verify that the equipment and systems are delivering the desired and approved performance results. It will be checked to ensure that all the biosafety and biosecurity requirements are met, are in place and functional.

c) Before start of the validation process, we shall submit a detailed validation document giving details of validation checks and tests to be performed, the acceptance criteria as per the approved designs and drawings and the formats for recording the check and test results.

The list of test to be performed is as below (other mandatory tests, if needed, for commissioning of BSL-3/ABSL3 may also be demonstrated):

- Containment Barrier Integrity Test
- HEPA Filter Leak Test – According to the US Federal Standard 209E
- Ducting Pre-welding leak test
- Ducting post-welding leak test
- Room Differential Pressure test
- Particle Count Test for Cleanliness
- Air Velocity/ Pattern smoke Test
- Room Air change Rate Test

- Light intensity Test
- Noise level Test
- Biological Safety Cabinet Test
- Temperature and RH

Details of the Civil work to be presented

1. Foundation design details, size of foundation, steel used in foundation
2. Flooring details
3. Details of shed, frame design, roof sheet details,
4. Drain and Sewer line design details

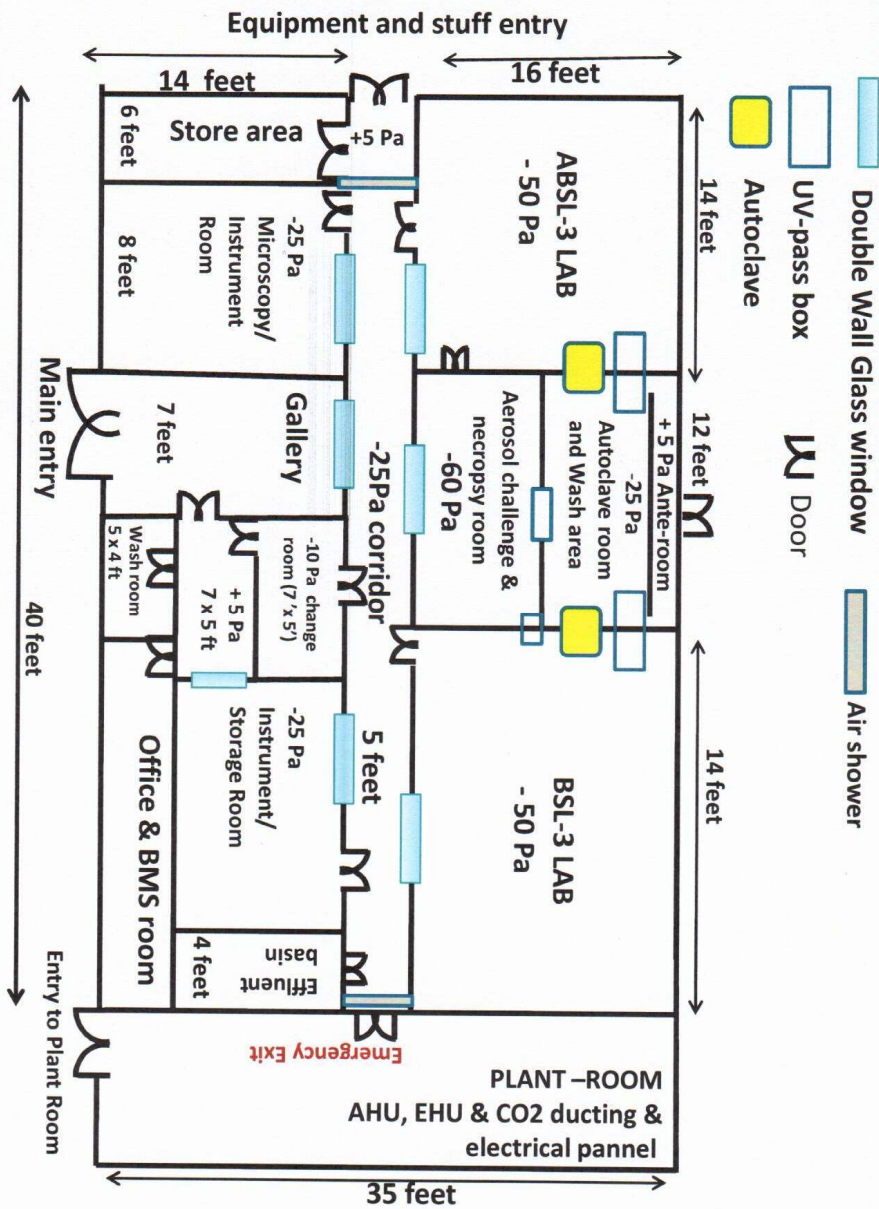
Approved Make List

Note: Citing appropriate reasons you can also include items/parts from other companies/manufacturers not included in the list that meet the appropriate quality standards.

Air Cooled Chilling Units	-	VOLTAS/BLUESTAR/CARRIER/ TRANE/YORK
Chilled Water Pump		KIRLOSKAR/CROMPTON GREAVES/ARMSTRONG/ GRAND FOSS
Supply & Exhaust		AHU CITIZEN/VTS/FLAKTWOODS/SYSTEM AIR/ZECO
Hot Water Generator		RAPIDKOOL/KHOKAR/EMERALD
Supply & Exhaust AHU blower		NICOTRA/KRUGER/COMFRI
Motors (for AHU)		ABB/SIEMENS/BHARAT BIJILI/CG
VFD		SIEMENS/ABB/SCHNEIDER/DANFOSS
Chilled Water Piping		TATA/ JINDAL/SAIL/ HSL/RAVINDRA
Butterfly valve		ADVANCE/ INTERVALVE/ AUDCO/C&R/CASTLE/ARROW
Balancing Valve		ADVANCE/ INTERVALVE/ AUDCO /C&R/CASTLE/ARROW
Gate Valve		LEADER/SANT/DIVINE/ADVANCE/CASTLE
NR Valve		ADVANCE/ INTERVALVE/ AUDCO/C&R/CASTLE/ARROW
Flow Switch		JOHNSON/HONEYWELL/STAEFA
Y strainer		SANT / EMERALD/RAPIDKOOL
Temperature/ Pressure Gauge		WAREE/H GURU/FIEBIG/JAPSIN/FORBESMARSHALL
Air Vents		I TAP / ANERGY/SANT/H GURU/CASTLE
Pipe Insulation		AEROFLEX/ ARMACELL/SUPREME/PARAMOUNT/K FLEX
Duct Insulation		AEROFLEX/ ARMACELL/SUPREME/PARAMOUNT/K FLEX
Ducting GI Sheets 280 GSM with certificates		TATA/ JSW/ SAIL/JINDAL
Volume Control Dampers/ Fire		CARYAIRE / AIRMASTER / AJANTHA/ SYSTEMAIR/
Bag In Bag Out HEPA Filters with Module		AAF / CAMFIL/THERMADYNE
HEPA Filter with Filter Module		AAF / CAMFIL/THERMADYNE
Wall Panel/ Ceiling Panel/Doors		FABTECH/I-CLEAN/GMP/SYNERGY/ NICOMAC /AIRTECH
Grills/Diffusers/Dampers		AIR MASTER/ AJANTHA/ SACHIN IMPEX / CARYAIRE/
Heaters		HEATCON/DASPASS/ESCORTS/UTKAL
I BMS System/ Modulating 3 Way valves/ Thermostats		Humidistat/Sensors: HONEYWELL / SIEMENS/
Magnehelic Gauge		DWYER/EQUIVALENT
Air Circuit Breaker & Bus Couplers		L & T/SIEMENS /ABB
MCCB		L & T/SIEMENS/SCHNEIDER/ABB/CG
MCB's		L & T/SIEMENS/SCHNEIDER/ABB/CG/HAGER/LEGRAND
ELCB's		L & T/SIEMENS/SCHNEIDER/ABB/CG/LEGRAND
Power/Control Contacts, Over load Relays, Timers, etc.		L & T/SIEMENS/SCHNEIDER/ABB
Fuses		CG/L & T/SIEMENS
Energy Meters		L & T/CONZERVE
Power Cables/Control Cables/Wires etc.		FINOLEX/POLYCAB/HAVELLS
CAT 5/6 Cables		AT&T/KABEL/DIGILINK/LAPP/LUCENT
Electrical Conduits		BHARAT/GUPTA/POLYCAB/PRECISION
PASS BOX		THERMADYNE/ENERTIA
PVC Conduit		POLYCAB/PRECISION/SUPREME
Switches & Sockets		CROMPTON/LEGRAND/WIPRO/PHILLIPS/MK/HAGER/LEGRAND
LT Panel		CPRI APPROVED MANUFACTURER
Distribution Board		LEGRAND/ L&T/ABB/HAVELLS/SCHNEIDER
Light Fixtures		CROMPTON/NORTHWEST/LEGRAND/WIPRO/PHILLIPS/MK/ HAGER
Biosafety Cabinet		TELESTAR/NUAIRE/THERMO/BIOSAFE
Pre-insulated Valves, strainers		CR VALVES/ AUDCO/ LEADER/SANT/CASTLE/KIRLOSKAR
Epoxy Coating		APURVA/DR. BECK/FOSROK/CLEANCOATS
Autoclave		NAT-STEEL/ MACHINFABRIC
CCTV Camera		HICKVISION/CPPLUS/BOSCH/PALCO/SONY
Fire Alarm System		HONEYWELL/BOSCH/ SIEMENS/SYSTEM SENSOR/GST
Door Interlocking & Access control system		REALTIME/HID/LG/ESSL

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ANY CLARIFICATION REGARDING SPECIFICATIONS MUST BE CLEARED IN PRE-BID MEETING, DATES FOR WHICH WILL BE DECIDED BY CDRI PURCHASE DIVISION. AFTER PREBID MEETING PARTIES WILL SUBMIT SEPERATE TECHNICAL AND FINANCIAL BIDS.



"A"

BOQ FOR CIVIL WORK

<u>Cost of Civil works for Building Construction</u>					
NAME OF WORK : - Creation of BSL-III/ABSL-III Facility CSIR-CDRI New Campus, Sitapur Road, Lucknow. -					
ITEM NO.	DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE (RS.)	AMOUNT (RS)
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. All kinds of soil.	cum	387.00		
2	Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5 m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m : All kinds of soil. Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia	metre	20.00		
3	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	cum	329.00		
4	Extra for every additional lift of 1.5 m or part thereof in excavation / banking excavated or stacked materials. All kinds of soil	cum	78.00		
5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:5:10 (1 cement : 5 coarse sand (zone-III): 10 graded stone aggregate 40 mm nominal size)	Cum	135.000		
6	Providing and laying damp-proof course 50mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand(zone-III) : 4 graded stone aggregate 20mm nominal size).	sqm	31.0		
7	Extra for providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification.	Per 50 kg cement	10.00		
8	Providing & applying a coat of residual petroleum bitumen of grade of VG-10 of approved quality using 1.7kg per square metre on damp proof course after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil.	sqm	31.0		
9	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand (zone - III) : 6 graded stone aggregate 20 mm nominal size) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth.	sqm	125.0		
10	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size)	cum	63.17		
11	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers,abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size).	cum	22.65		

12	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size).	cum	92.75		
13	Centering and shuttering including strutting, propping etc. and removal of form for all heights: Foundations, footings, bases of columns, etc. for mass concrete.	sqm.	226.00		
14	Centering and shuttering including strutting, propping etc. and removal of form for all heights: Suspended floors, roofs, landings, balconies and access platform.	sqm.	290.31		
15	Centering and shuttering including strutting, propping etc. and removal of form for all heights: Lintels, beams, plinth beams, girders, bressumers and cantilevers.	sqm.	483.88		
16	Centering and shuttering including strutting, propping etc. and removal of form for all heights: Columns, Pillars, Piers, Abutments, Posts and Struts.	sqm.	181.56		
17	Centering and shuttering including strutting, propping etc. and removal of form for all heights: Edges of slabs and breaks in floors and walls Under 20 cm wide	meter	146.18		
18	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	kg.	17857.00		
19	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6(1 cement : 6 coarse sand).	cum.	18.14		
20	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand).	cum.	86.22		
21	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	sqm	5.04		
22	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete : 300x16 mm	Each	2.00		
23	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc.complete : 250x10 mm	Each	4		
24	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS :1868) transparent or dyed to required colour and shade, with necessary screws etc. complete. Twin rubber stopper.	Each	4		
25	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	kg.	37.80		
26	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand :4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete. 40 mm thick with 20 mm nominal size stone aggregate.	sqm	195.36		
27	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10 mm and down gauge), including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design : In 75x75 mm deep chase.	meter	82.66		
28	Making khurras 45x45 cm with average minimum thickness of 5 cm cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) over P.V.C. sheet 1 m x1 m x 400 micron, finished with 12 mm cement plaster 1:3 (1 cement : 3 coarse sand) and a coat of neat cement, rounding the edges and making and finishing the outlet complete.	each	6.00		

29	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS:13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, Single socketed pipes. 110 mm diameter.	meter	39.60		
30	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. Coupler- 110 mm.	each	6.00		
31	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. Bend 87.5°- 110 mm bend.	each	12.00		
32	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete. 110 mm.	each	12.00		
33	Providing and fixing to the inlet mouth of rain water pipe cast iron grating 15 cm diameter and weighing not less than 440 grams.	each	6.00		
34	15 mm cement plaster on rough side of single or half brick wall of mix:1:6 (1 cement: 6 coarse sand)	sqm	1147.73		
35	6 mm cement plaster of mix : 1:3 (1 cement : 3 fine sand)	sqm	293.33		
36	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade : New work (two or more coats) over and including water thinnable priming coat with cement primer.	sqm	398.56		
37	Finishing walls with textured exterior paint of required shade : New work (Two or more coats applied @ 3.28 ltr/10 sqm) over and including priming coat of exterior primer applied @2.20kg /10 sqm.	sqm	656.27		
38	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture.	sqm	11.09		
39	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	sqm	1440.06		
40	Providing and fixing G.I. Pipes complete with G.I. fittings and clamps, i/c making good the walls etc. Concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall : 20 mm dia nominal bore	metre	40.00		
41	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work 20 mm dia nominal bore	metre	30.00		
42	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete: 25 to 40 mm nominal bore.	Each	1.00		
43	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 20 mm nominal bore.	Each	2.00		
44	Painting G.I. pipes and fittings with two coats of anti-corrosive bitumastic paint of approved quality : 20 mm diameter pipe.	metre	30.00		
45	Providing and filling sand of grading zone V or coarser grade, allround the G.I. pipes in external work : 20 mm diameter pipe.	metre	30.00		
46	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) : 20 mm nominal bore.	Each	6.00		
47	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	per litre	1500.00		

48	Providing and fixing PTMT Ball cock of approved quality, colour and make complete with Epoxy coated aluminium rod with L.P./ H.P.H.D. plastic ball. 20 mm nominal bore, 120 mm long, weighing not less than 198 gms.	Each	1.00		
49	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all-round S.W. pipes including bed concrete as per standard design : 100 mm diameter S.W. pipe.	metre	36.00		
50	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc complete: 100 mm dia. R.C.C. pipe.	metre	40.00		
51	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:1.5:3 mix (1 cement :1.5 coarse sand (zone- III) : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand (zone- III) : 8 graded stone aggregate 40 mm nominal size),inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design : Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Each	12.00		
52	Extra for depth for manholes : Size 90x80 cm With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	metre	2.00		
53	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs,balconies, terraces etc consisting of following operations: (a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS. 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment. (b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement :5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs. (c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineerin-charge. (d) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement :4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineerin-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3 mm deep. (e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test."All above operations to be done in order and as directed and specified by the Engineer-in-Charge : With average thickness of 120 mm and minimum thickness at khurra as 65 mm.	Sqm	193.42		
54	Flooring in 3 mm Self level epoxy in approved shade, complete with base coat, sealer coat and 3 mm top coat in self levelling epoxy conforming to IS:4631	Sqm	112.0		

Cost of Civil works for Building Construction "A"=

Note:-

- 1 Work shall be done as per CPWD specification
- 2 In case of any discrepancy, the order of precedence in interpretation shall be as under:
 - I) Schedule of quantities
 - II) Drawings
 - III) Additional conditions
 - IV) General conditions of contract
 - V) Special Conditions
 - VI) Additional Technical Specification
 - VII) CPWD Latest Civil and Electrical Specifications
 - VIII) IS Codes
 - IX) International Codes
 - X) Best Engineering Practice

BOQ FOR INTERIOR FINISHING WORK

"B"

Cost of Interior Finish Works

Name of Work:- "Creation of BSL-III/ABSL-III facility at CSIR-CDRI New Campus, Sitapur Road, Lucknow."

Sl. No:	Description	Unit	Qty	Rate(Rs)	Amount
	<u>Interior Finish Items:-</u>				
1	P/F Double skin modular wall Panels of thickness 80 mm made of 0.8 mm thick GPSP sheet having powder coating with minimum 60 micron on both sides with PUF of density 40+/-kg/cum as infill, GI profiles for reinforcement along the periphery, floor track in painted GI with EPDM rubber below floor track using fastener bolts, self tapping screws at suitable interval, suitable to accomodate the epoxy floor flush with wall panel. Joints shall be sealed with clean room compatible silicon sealent.	Sqm	202.00		
2	P/F Double skin totally flush Walkable False Ceiling made of 0.8 mm thick GPSP sheet having powder coating with minimum 60 micron on both sides with PUF of density 40+/-kg/cum as infill, GI profiles for reinforcement along the periphery, including ceiling grid for easy installation and necessary hardware like threaded rods, fastener bolts, self tapping screws, nuts and bolts etc. Joints shall be sealed with clean room compatible silicon sealent.(Load bearing capacity- 150 kg/sqm).	Sqm	112.00		
3	P/F Aluminium powder coated Smooth Radius Coving clip on type (wall to wall, wall to floor, wall to ceiling and from inside to outside corner) should be installed at all wall to wall, wall to floor, wall to ceiling joints. Joints shall be sealed with clean room compatible silicon sealent.	R. Meter	358.00		
4	P/F Clean room Compactable Single leaf air tight Doors (air lock to the outside of the BSL-3 Laboratory) to be constructed with steel and powder coated (for easy cleaning) in 46 mm thickness with PU painted 0.8 mm thick GPSP sheets on both sides with honeycomb kraft paper as infill, 1.2 mm thick GPSP powder coated door frames, hardware like SS push plate, SS 'D' handles, SS ball bearing butt hinges, Double glazed view panel with automatic concealed door bottom drop seal and 1.2 mm thick SS 304 kick plate.The door shall be installed completely with pull door handle, door closer and electrical interlock mechanism. the airlock doors and emergency exit door shall be air tight doors. These air tight doors should have adequate gasket arrangement to provide air tight seal and may have a step over seal.The interlock logic shall be such that while entering or exiting the facility, traffic from the other side should not get access, to ensure privacy.	Nos.	13.00		
5	P/F Aluminium powder coated Smooth Radius 3-D Coving Corners clip on type (wall to wall, wall to floor, wall to ceiling and from inside to outside corner) should be installed at all wall to wall, wall to floor, wall to ceiling joints. Joints shall be sealed with clean room compatible silicon sealent.	Nos.	45.00		
6	P/F Double Glazing 900x1000 mm	Nos.	8.00		
7	Electrical Door Interlock and access control system shall be provided with combination of proximity card based, numerical key pad lock based and push button based sustem. The system shall be complete with access logic contrrillers, door electromagnets, proximity cards and card reader/s, numerical keypad locks, door release push buttons, emergency door release buttons, PC communicator, control and powwwer wiring and cabling and other required accessories, hardware and software.The access control system shall be powered through UPS supply for uninterrupted operation even during mains power failure. The door electromagnetic lock shall be suitable for installation on doors/frames. The electromagnetic lock and armature shall be constructed and designed to provide trouble free service.	Set.	2.00		
8	Providing Stainless Steel Working Table of size- 1200mmx900mmx900mm having frame made up of SS 304 (16 gauge), non particle shredding material and shall be chemical resistant to allow chemical disinfection. It should be strong to hold equipment on the work bench. It should be stable and vibration free.	Nos.	5.00		

9	Providing Laboratory grade hydraulic SS 304 Working Stool with back support, rotating type with castor wheels at the base of standard laboratory size.	Nos.	4.00		
10	Providing Stainless Steel 304 Shoe Rack with six shelves, open type and wide enough to hold two pairs of shoes in each shelf.	Nos.	1.00		
11	Providing Stainless Steel 304 (18 gauge) Garment Storage Cabinet of size- 1200mmx600mmx1200 mm for change room/ante room with two compartments and shelves for storage of clean items.	Nos.	2.00		
				Total=	
12	Freight Charges for transportation of the material of above item no: 1 to 11 i/c loading & unloading @ 5% of the cost of the all items from item no: 1 to 11	Job	1.00		

Total Cost of Interior Finish Works "B"=

"C"

BOO (Estimate for Electrical works BSL-III) (BOO-Preliminary)

Name of Work:- Electrical work for Creation of BSL-III /ABSL-III facility at CSIR-CDRI new Campus, Sitapur Road, Lucknow					
Item No.	Description of work	Unit	Qty.	Rate (Rs.)	Amount(Rs.)
Part - A (Schedule Items)					
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required: Group 'C'.	Point	50		
2	Supply and drawing following sizes of FRLS PVC insulated copper conductor single core cable in the existing surface/ recessed steel/ heavy gauge PVC conduit/ casing capping etc as required:				
	1)3x1.5 Sq.mm	Mt.	500		
	2)2x2.5 Sq.mm	Mt.	200		
	3)3x2.5 Sq.mm	Mt.	600		
	4)2x4 Sq.mm	Mt.	200		
	5)3x4Sq.mm	Mt.	600		
	6)2x6 Sq.mm	Mt.	100		
	7)3x6 Sq.mm	Mt.	400		
3	Supplying and drawing of 2 pair, 0.5 mm dia FRLS PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/PVCconduit as required.	Mt.	400		
4	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required:				
	1) 20 mm.	Mt.	400		
	2) 25 mm.	Mt.	600		
5	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.				
	1)1 way 5/6 amps	Each	80		
	2)1 way 15/16 amps	Each	80		
	3)5 Pins Socket 5/6 amps	Each	80		
	4)6 Pins 15/16 amps socket	Each	80		
	5) Bell push	Each	10		
	6)Telephone socket outlet	Each	20		
6	Supplying and fixing 3 pin, 5 amp ceiling rose on the existing junction box/ wooden block including connection etc as required.	Each	50		

7	Supplying and fixing following size/modules.GI box along with modular base and cover plate for modular switches in recess etc as required.				
	a) 1 or 2 Module (75mmX75mm)	Each	20		
	b) 3 Module (100mmX75mm)	Each	20		
	c) 4 Module (125mmX75mm)	Each	20		
	d) 6 Module (200mmX75mm)	Each	20		
	e) 8 Module (125mmX125mm)	Each	20		
	f) 12 Module (200mmX150mm)	Each	20		
8	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	Each	8		
9	Installation, testing and commissioning of wall bracket /ceilingfittings of all sizes and shapes containing upto two GLS/CFL/LED lamps per fitting, complete with all accessories including connections etc. as required.	Each	50		
10	Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5sq. mm FRLS PVC insulated, copper conductor, single core cable etc. as required.	Each	8		
11	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.				
	a) Upto 450 mm sweep	Each	4		
12	Extra for fixing the louvers/shutters completes with frame for exhaust fan of all sizes.	Each	4		
13	Supply and fixing 5 amps to 32 amps. rating 240/415 volts, 'C' curve miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc as required.				
	i) Single pole	Each	150		
	ii)Single pole and neutral	Each	10		
	iii) Triple pole	Each	12		
	iv)Triple pole and neutral	Each	8		
14	Supply and fixing single pole blanking plate in the existing MCB D.B. complete etc. as required.	Each	20		
15	Supplying and fixing DP sheet steel enclosure on surface/recess along with 25/32 A, 240 V "C" curve DP MCB complete with connections, testing and commissioning etc. as required.	Each	10		
16	Supplying and fixing TP sheet steel enclosure on surface/ recess along with 16/25/32 A 415 V "C" curve TP MCB complete with connections, testing and commissioning etc. as required.	Each	4		
17	Supplying and fixing of following ways surface/ recess mounting, vertical type, 415 V, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 A tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs (but without MCBs and incomer) as required . (Note : Vertical type MCB TPDB is normally used where 3 phase outlets are required.)				
	a) 4 way (4 + 12), Double door	Each	2		
	b) 8 way (4 + 24), Double door	Each	2		
	c) 12 way (4 + 36), Double door	Each	1		

18	Providing and fixing following rating and breaking capacity and pole MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.				
	a)100 A, 16 KA,TPMCCB	Each	5		
	b)100 A, 30 KA,FPMCCB	Each	2		
	c)125 A, 36KA,FPMCCB	Each	6		
	e)200 A, 36 KA,FPMCCB	Each	4		
	f)400 A, 50 KA,FPMCCB	Each	1		
19	Laying of one number PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade of following sizes direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc. as required:				
	a) Upto 35 sq.mm	Mt.	500		
	b) Above 35 sq. mm and upto 95 sq. mm	Mt.	50		
	c) Above 95 sq. mm and upto 185 sq. mm	Mt.	330		
20	Laying and fixing of one number PVC insulated and PVC sheathed/XLPE power cable of 1.1 K V grade of following sizes on wall surface as required:				
	a) Upto 35 sq.mm (clamped with 1mm thick saddle)	Mt.	100		
	b) Above 35 sq. mm and upto 95 sq. mm (clamped with 25x3mm MS flat clamp)	Mt.	20		
	c) Above 95 sq. mm and upto 185 sq. mm (clamped with 25/40x3mm MS flat clamp)	Mt.	20		
21	Supplying and making end termination with brass compression gland & heavy duty lugs for the following size of PVC insulated and PVC sheathed/XLPE aluminium conductor cable of 1.1 KV grades as required:				
	a) 3½ X 35 sq. mm (32mm)	Each	10		
	b) 3½ X 185 sq. mm (57 mm)	Each	8		
22	Providing and fixing M.S. Fan clamp type I or II of 16 mm dia M.S. bar, bent to shape with hooked ends in R.C.C. slabs or beams during laying, including painting the exposed portion of loop, all as per standard design complete as required.	Each	2		
	Total (Part-A)				
	Part - B (Non-Schedule-Electrical Items)				
23	Supply of 1.1KV grade, PVC insulated and PVC sheathed heavy duty/XLPE aluminium conductor cables of following sizes etc as required:				
	a)3&1/2 x 35mm square	Metre	200		
	b)3&1/2 x 185mm square	Metre	330		
24	Supply & installation of following type of energy efficient LED light fitting along with accessories and manpower, including dismantling of defective light fitting, etc as required:				
	a) 36 Watt, 2FeetX2Feet Slim light (Cool white)	Each	50		
	b)18 or 20 Watt, 4feet stand alone industrial type with metallic clamp	Each	10		
	c)9 or 10 Watt, 2feet stand alone industrial type with metallic clamp	Each	10		
25	Providing and fixing of 3mm phenolic laminated sheet/perspex sheet on existing metal board/box etc as required.	Sq.Cm	4000		

26	Supply & fixing of musical call bell of rating 220 volt AC including connection & testing, etc as required.	Each	2		
27	Supply & fixing of ceiling fan of rating 220 volt AC including connection & testing, etc as required.	Each	8		
28	Supply & fixing of heavy duty metallic exhaust fan of 300mm sweep, 220 volt AC, 1400 RPM including connection & testing, etc as required.	Each	2		
29	Supply & fixing of plastic ventilating fan of 200 or 225mm sweep, 220 volt AC including connection & testing, etc as required.	Each	2		
30	Supply & laying of 6 SWG GI earth wire along with existing aluminium power cable including end termination with proper size of lugs etc as required.	Metre	600		
31	Supply & fixing of fabricated, duly powder coated enclosure/4 pole power distribution board made of 16SWG, fitted with digital ammeter, voltmeter, selector switches, CTs aluminium busbar and mounting arrangement for MCCBs of suitable sizes for Incoming-01 Nos, Outgoing-8Nos. including base mounting, earthing arrangement etc as required.	Each	1		
Total (Part-B)					
Part - C (Non-Schedule-Telephone Items)					
32	Supplying and fixing of 380mmX300mm metallic telephone junction box fitted with 100 pairs of krone in recess etc as required.	Each	1		
33	Supply of 10 pair armoured jelly filled telephone cable, etc as required.	Metre	200		
Total (Part-C)					
Part - D (Non-Schedule-DG set)					
34	Supplying of silent type 160KVA DG Sets comprises of engine developing 206BHP and 3 phase, 415 Volt alternator mounted on a common base, complete with fuel tank, batteries, leads residential silencer, standard panel, first fill of lube oil, AVM pads and acoustic enclosure etc as required.	Each	1		
35	Supplying of AMF panel for 160KVA DG set and suitable for operation of inductive load fitted with heavy duty contractors and all the necessary components, etc as required.	Each	1		
36	Preparation of PCC foundation mixing ratio 1:2:4 cement:morang:concrete, which have capacity and suitable for 160KVA DG set as required.	Job	1		
37	Supply and installation of GI pipe chemical earthing of DG Set 50X3000M in length complete with bach filed compound etc as required.	Each	4		
38	Supply and laying/fixing of 4 core, 2.5 Sqmm copeer control cable for interconnections of DG set 415 volts etc as required.	Mtr	30		
39	Installation of DG set , which includes unloading at site and other associated work required for sucessful teting, commissioning at site including 200 litres diesel etc as required.	Job	1		
Total (Part-D)					
Part - E (Non-Schedule-LAN system)					
40	Supplying, installation, testing and commissioning of LAN System comprising of Core switches & L2 switches with 10 G, 10 Giga SFP modules, WIFI Access points, WIFI controller, Network Management Software, Racks, CAT 6A cable, Patch Panels, OFC etc.	Per Sq.m	121.45		

	Total (Part-E)				
	Part - F (Non-Schedule-Fire Alarm System)				
41	a) Supplying, installation, testing & commissioning sector panel suitable for following zones, complete with visual indications for short circuit fault, open circuit fault, fire condition and all other standard facilities as per IS:2189 with mimic diagram for all area/zone covered, complete with all connections, interconnections as required : i)10 Zone	Each	1		
	b) Supplying, installation, testing & commissioning of heat detector operating at 54°C/57°C with rate of rise cum fixed temperature (dual thermistor) type with mounting base complete with all connection etc. as required.	Each	10		
	c) Supplying, installation, testing & commissioning of smoke detector with builtin LED and mounting base complete with all connections etc. as required.	Each	10		
	d) Supplying, installation, testing & commissioning of manual call box of ABS type in surface/recess with stainless steel chain & hammer assembly complete with glass and push button etc. as required.	Each	10		
	Supplying, installation, testing & commissioning response indicator on surface/recess MS box having two LEDs metallic cover complete with all connections etc. as required.	Each	4		
	Supplying, installation, testing & commissioning fire alarm sounder with facility to make announcement, mounted in A.B.S. box with hinged cover plate & suitable for operation with amplifier i/c line matching transformer etc. complete as required.	Each	4		
	Total (Part-F)				
	Part - G (Non-Schedule-UPS and Solar system)				
42	Supplying, installation, testing and commissioning of grid interactive roof top solar photo voltaic power generation system including space frame with battery, which will be integrated with hybrid UPS/inverter and battery system, containing following items: (a) 12 KWp- PV Module-325Wp- Mono Crystalline(MNRE approved) (b) Off grid inverter-3 Phase, 415 Volt, 50Hz, 30KVA -One set (c) Solar battery 150AH, 12 Volt(MNRE approved)- 10 Nos. (d) String combiner box-One Set (e) Module mounting structure MS with silver painted- One Set for above installation (f) Wiring & accessories as per requirement for above, etc as required.	Set	1		
	Total (Part-G)				
	Total (Part- A+B+C+D+E+F+G)				
	Total (Say) "C"				

BOQ (Estimate for Electrical works BSL-III) (BOQ-Preliminary) (D)**"D"****Sub: Design,Supply, Installation ,testing and commissioning of Heating ,ventilation and Air conditioning system for BSL-3**

S.No.	Item of Works	Qty	Unit	Rate	Amount
1	Supply, installation , testing and commissioning of microprocessor controlled suitable capacity water cooled Scroll chiller with multi compressor,BMS compatible integral refrifreant piping, evaporator shell and tube type with multiple circuit, high efficiency shell and tube type condenser with eco friendly refrigerant. (1Working + 1Standby) (CHILLER CAPACITY MUST BE CALCULATED BY THE BIDDER BEFORE QUOTING THE RATES)	2	Nos		
2	Supply, erection, testing & commissioning of floor mounted chilled water double skin type horizontal/vertical air handling units BMS compatible of suitable CFM made of minimum 43+/-2 mm thick panels consisting of SS304 casing of thickness 0.8mm outside layer and 0.8mm inside layer with polyurethane foam (PUF) insulation of density 38-40 kg/cubicmeter factory injected with thermal break profile, complete with blower section with AMCA certified DIDW forward /backward curve blower suitable for static pressure as required, minimum 2 bend GSS/PVC eliminators, cooling coil section with aluminium finned copper tubes (tubes thickness not less than 0.5mm) cooling coil of 8 row deep,humidification section with ultrasonic humidification arrangement, heating section,filter section with pressure measurment port, three stage filtration using thick metal viscous/ washable synthetic type air prefilters,fine,EU7 and HEPA,H14 filteres,belt drive package with TEFC drive motor with VFD (provision of standby and working)of efficiency class IE3suitable for 415 ± 10% volts, 50Hz, 3 Phase AC supply , Heat recovery section with heat recovery wheel ,Ultra Violet system to maintain air quality,Exhaust blower with fan housing, motor with VFD with drive arrangement (One working + Onestandby) with HEPA,H14 filtration (HEPA safe change arrangement Bagin-bag out may be made saperately), stainless steel (18G) drain pan with PUF insulation and drain connections, 150 mm dia. dial type pressure gauges (2 nos.), Intake louvre with bird screen for fresh air intake, Outlet cowl with bird screen for exhaust unit and industrial typethermometers (2 nos.) at the inlet and outlet of coil, auto purgevalve wherever required, necessary vibration isolation arrangement etc. complete as per specification and of followingcapacities- (AHU CAPACITY MUST BE CALCULATED BY BIDDER BEFORE QUOTING THE RATES)				
i	Supply and Exhaust air	1	No		
ii	Supply and Exhaust air	1	No		

3	Supply, installation, testing and commissioning of induced draft of suitable capacity Counter Flow type,PVC fillings with integral louvers and drift eliminators,spray nozzles ,statically and dynamically balanced axial flow type FRP fan blade direct driven with TEFC induction motor,makeup -quick fill arrangement for cooling tower ,cement concrete foundation ,steel /masonry supporting structure ,anti vibration mountings etc, suitable capacity cooling tower. (1 Working + 1 Standby) (COOLING TOWER CAPACITY MUST BE CALCULATED BY THE BIDDER BEFORE QUOTING THE RATES)	2	Nos		
4	Supply, installation, testing and commissioning of end suction top discharge centrifugal pump with motor of suitable capacity and flow rate for chilled water with bronze impeller, mechanical seal (1 Working + 1 Standby). (PUMPS DELIVERY IN GPM AND HEAD IN METER MUST BE CALCULATED BEFORE QUOTING THE RATES)	2	Nos		
5	Supply, installation, testing and commissioning of end suction top discharge centrifugal pump with motor of suitable capacity and flow rate for condenser water with bronze impeller, mechanical seal (1 Working + 1 Standby). (PUMPS DELIVERY IN GPM AND HEAD IN METER MUST BE CALCULATED BEFORE QUOTING THE RATES)	2	Nos		
6	Supply, Fabrication & installation of GSS ducting hang with necessary supports, rod, proper angle and G.I. Nut bolts,sealed with silicon at joints etc.of the following thickness-				
i	24 G	300	Sqmtr		
ii	22 G	150	Sqmtr		
iii	20 G	75	Sqmtr		
iv	18 G	50	Sqmtr		
7	Supplying and fixing of acoustic lining 12 mm thick resin bonded glass wool of 32 kg./cumtr. fixed on the inside of the duct covered with RP tissue paper and covered with 0.5mm thick perforated aluminium sheet(having perforation 20-40%) including nut bolts, screws etc.	60	Sqmtr		
8	Supply and fixing of powder coated extruded aluminium section supply /return airVAV grill with aluminium volume control damper complete as required.	3	Sqmtr		
9	Supply and fixing of powder coated extruded aluminium section supply/ return air VAVdiffuser with aluminium volume control damper complete as required.	4	Sqmtr		
10	Supply and fixing of 19 mm thick closed cell polyvinyle nitrile rubber insulation class"O" of density 40kg/sqmtr with factory faced aluminium foil in one side in supply / Return air indoor duct.	400	sqmtr		
11	Supply and fixing of 19 mm thick closed cell polyvinyle nitrile rubber insulation class"O" of density 40kg/sqmtr with factory faced aluminium foil in one side in supply / Return air outdoor duct with 0.63 mm G S sheet cladding over a vapour barrier of 120 gm/sq.m polythene sheet with 50mm overlap and tied down with lacing wire and complete with type 3 grade I roofingfelt strip applied by means of cold setting CPRX compound..	150	sqmtr		
11	Supply and installation of following sizes MS piping heavy class MS pipe with necessary clamps,vibration isolators and fittings like elbow, tee, reducer etc. but excluding valves ,strainer gauges,paint etc. for chilled water and condenser water line.				
i	125 mm dia 'C' Class	10	RMT		
ii	100 mm dia 'C' Class	70	RMT		
iii	80 mm dia 'C' Class	50	RMT		

iv	65 mm dia 'C' Class	30	RMT		
v	50 mm dia 'C' Class	20	RMT		
12	Supply and installation of 50 mm thick Puf insulation pasted with CRPX adhesive including 0.63 mm thick GI sheet cladding over a vapour barrier of 120 gm/ sq.m. polythene sheet with 50 mm overlap and tied down with lacing wire and complete with type 3, grade-I roofing felt strip by means of cold setting CPRX compound on following chilled water piping.pipes-				
i	125 mm dia	5	RMT		
ii	100 mm dia	40	RMT		
iii	80 mm dia	50	RMT		
iv	65 mm dia	20	RMT		
v	50 mm dia	10	RMT		
13	Supply, installation, testing and commissioning of 3-way modulating valve with actuator, thermostat, flanges, nut bolts etc. for air handling units.				
	65 mm dia	2	NO		
14	Supply, installation, testing and commissioning of BUTTERFLY VALVE (MANUAL) with C I body SS Disc, Nitrile Rubber Seal & O- Ring PN 16 pressure rating for chilled water/hot eater circulation as specified with flanges, nut bolts, insulation (as per site requirement) etc.				
i	125 mm dia	4	Nos		
ii	100 mm dia	16	Nos		
iii	80 mm dia	12	Nos		
iv	65 mm dia	8	Nos		
v	50 mm dia	0	Nos		
15	Supply and installation of .BALANCING VALVE WITH BUILT IN MEASURING FACILITY with C I body flanged construction with EPDM coated disc with long pitch with protected out pipeinsulation & PN 16 pressure rating for chilled / condenser watercirculation as specified with flanges, nut, bolts & gasketetc complete in all respect.				
i	100 mm dia	2	Nos		
ii	80 mm dia	2	Nos		
16	Supply and installation of NON - RETURN VALVE with duel plate of C I body SS plates vulcanized NBR seal flanged end & PN 16 pressure rating for chilled / hot water circulation including insulation(wherever required) as specified. complete in all respect..				
i	100 mm dia	2	Nos		
ii	80mm dia	2	Nos		
17	Supply and installation of Y - STRAINER of Ductile CI Body flanged ends with stainless steel strainer for chilled / hot water circulation including insulation(wherever required) with flanges, fittings of following sizes-				
i	100 mm dia	2	Nos		
ii	80mm dia	2	Nos		
18	Supply & installation of POT strainer with flanges , fittings etc. complete in all respect of following sizes-				
	100 mm Dia	2	Nos		
19	Supply and installation of following sizes GM gate valve with fittings.				
	15" dia for descaling.	4	Nos		
20	Supply and installation of auto airvent valve.	12	Nos		
21	Supply and installation of industrial type pressure gauge with brass valve, siphon cock .	20	Nos		

22	Supply and installation of Industrial Thermometer .	14	Nos		
23	Supply and laying of Laying and fixing of one number aluminium PVC insulated/sheathed steel tape /wire armoured power cable of 1.1 KV grade from main panel to equipments on suitable cable trays as required including connections on both sides as per specification of following size on wall surface as required.	2	Lot		
i)	4 core x 4 sq. m.m.	30	meter		
ii)	4 Core x10 sq. m.m.	25	meter		
iii)	4 Core x16 sq. m.m.	25	meter		
iv)	4Core x 70 sq. m.m.	40	meter		
v)	4Core x 95 sq. m.m.	40	meter		
24	Supply, installation, testing and commissioning of pre and reheating system consisting heaterbanks with 3kw heaters, thermostat, geyser stat, safety satates,humidistat with control wiring for AHU'S.	8	Nos		
25	Supply and installation of expansion tank insulated with 25 mm thick nitrile insulation using suitable adhesive of suitable capacity.	1	No		
26	Supply and installation of make Up Tank insulated with 25 mm thick nitrile insulation using suitable adhesive of suitable capacity.	1	No		
27	Supply, Installation , Testing and commissioning of display unit for rooms to display temperature , Relative humidity integrated with BMS .	2	Job		
28	Providing and fixing 25 mm X 5 mm GI strip on surface or in recess for connections etc. as required.	50	meter		
29	Providing and fixing 25 mm X 5 mm G.I. strip in 40 mm dia G.I. pipe from earth electrode including connection with G.I. nut, bolt, spring, washer excavation and re-filling etc. as required.	10	meter		
30	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	2	set		
31	Supply and fixing of sound attenuator as per requirement.	2	Nos		
32	Supply,installation ,testing and commissioing of motorized airtight VAV damper compatible with BMS.	6	sqmeter		
33	Supply,installation ,testing and commissioing of motorized airtight fusible link/solenoid fire damper integrated with smoke and heat detector.	4	sq meter		
34	Supply, Installation , Testing and commissioning of electronic magnehlic gauges compatible with BMS for all rooms to display diff. pressure across rooms as well as across the HEPA and MICRO filters installed in the for supply and Exhaust air.	12	Nos		
	Supply ,installation,testing and commissioning of suitable capacity soft treatment treatment plant for HVAC plant with necessary pipe fitting and all accessories complete in all respect.				

35	Design, fabrication, supply and installation of control console cum indicating cubical type dead front electrical panel made out of 2 m.m. thick CRCA sheet powder coated having necessary cable alleys with suitable startor, 4 pole Cu busbar and internal wiring etc., switch gears for chiller , pumps , cooling tower, AHU's , heater bank etc. and spare switch gear as required.	1	No		
36	Design, fabrication, supply and installation of cubical type dead front electrical panel made out of 2 m.m. thick CRCA sheet powder coated having necessary cable alleys with suitable startor, 4 pole Cu busbar and internal wiring etc., switch gears for AHU's , heater bank etc. and spare switch gear as required.	2	No		
37	Designed,supply, installation testing commissioning of BMS system comprising- i) Dedicated desktop PC with Intel i5 processor or latest processor,1 TB hard disk,8GB RAM,DVD writer along with a parallel secondary display screen of 40"size for operating parameters. with multifunction laser jet printer , UPS with 30 Minute backup with work bench. ii) to control and monitor the operation of HVAC system and other operating parameters i.e. pressure,temperature,RH,ambient , AHU & Exhaust blower status,VFD & VCD status of each room/area/zone of facility. iii) BMS shall complete with PLC with a dedicated software programme,sensors,controllers,DDCA panel, power and control wiring,customized software and other field devices ,hard ware and accessories complete in all respect as per requirement and approved drawing. iv) with audio/visual alarm for pressure,temperature,RH,emergency pan for all rooms/control room,emergency door open,HEPA filter resistance and efficiency monitoring and alarm and as required.	1	Set		
38	Operation & maintenance (routine&preventive) of the HVAC plant comprising of all the machinery,equipment installed for BSL-3 facility including BMS in three shift of 8 hours each during five subsequent to one year gaurantee period.	5	per year		
39	Operation of the HVAC plant comprising of all the machinery,equipment installed for BSL-3 facility including BMS in three shift of 8 hours each during one year gaurantee period.	1	per year		
				TOTAL,"D"=	

(E)

BSL-3 BOQ (Equipments and other items: for details see main indent specifications)

S. No.	Items Descriptions	Qty	Unit	Rate	Amount
1	BIOSAFETY CABINET: Class II B2 type (6 x 2 x 2). 2 in BSL-3 room and 2 in ABSL3 room. Bidder will supply these cabinets, select Brands only; Telstar, Thermo, Nuair or equivalent.	4	No.		
2	Wall mount two way AUTOCLAVE: double door, rectangular, steam operated, high pressure high vacuum, suitable for horizontal loading of waste.	2	No		
3	PASS BOX shall be provided at required locations as per floor plan for transfer of samples, chemicals and materials into the laboratory. Pass box with UV and inbuilt HEPA filtration system to be provided.	4	No		
4	EFFLUENT DECONTAMINATION SYSTEM with Biowaste treatment plant: The Chemical Decontamination System for BSL-3 Laboratory effluent shall comprise of two nos. Effluent Collection tanks (1 Working +1 Standby), each of full required Capacity. The system shall be complete with items: - Motorized valve connected with liquid level sensor through control panel - Disinfectant Chemical storage tank - Disinfectant Chemical dosing pump - Non return valves - Interconnecting piping including piping for chemical dosing - Pumps for discharging decontaminated effluent into sewer/drain (1W+1S) - Power and control cabling/wiring for pumps and motorized valves with control panel.	2 or as per plan	No		
5	TESTING, VALIDATION AND COMMISSIONING: After completion of the construction and installation works, all the equipments, systems and services shall be commissioned and tested to check the operation and performance. Vendor shall arrange for validation of the BSL-3 laboratory by the third party in accordance with the NIH Guidelines for commissioning and subsequently every year till the vendor holds the maintenance contract.	5 (1+ 4)	Yearly basis		

CSIR-CENTRAL DRUG RESEARCH INSTITUTE, LUCKNOW

Name of Work:- "Creation of BSL-III/ABSL-III facility at CSIR-CDRI New Campus, Sitapur Road, Lucknow."

SUMMARY OF THE COST

Sl. No:	Description	Amount (IN Rs.)	Remarks
1	Cost of Civil works for Building Construction		"A"
2	Cost of Interior Finish Works		"B"
3	Cost of Electrical works for Building Construction		"C"
4	Cost of HVAC works for Building Construction		"D"
5	Cost of essential equipments, Biosafety cabinets, autoclaves, pass boxes		"E"
6	Total Cost of Building Construction & Interior Finish Works =		"F"
7	Consultant / Architect's Fee		"G"
8	Total=		"H"
9	Cost of Testing, Comissioning and Validation of Proposed BSL-III/ABSL-III Facility: Vendor shall arrange for validation of the BSL-3 laboratory by the third party in accordance with the NIH Guidelines for commissioning and subsequently every year till the vendor holds the maintenance contract.		"I"
	Over All Cost of Building Construction & Laboratory Development =		"J"

CHAPTER 5

FORMATS

Table of Contents

<u>S.No.</u>	<u>Name</u>
01	Price Schedule Forms
02	Bid Form
03	Bidder Information Form
04	Manufacturers' Authorization Form (MAF)
05	Bid Security Form
06	Bid Securing Declaration
07	Performance Statement Form
08	Deviation Statement Form
09	Service Support Detail Form
10	Performance Security Form
11	Acceptance Certificate Form
12	Format of Letter of Authority for participating in bid opening
13	Format of declaration of abiding by the code of integrity and conflict of interest to be submitted by the bidder
14.	Format of Affidavit of self-certification regarding domestic value addition

CHAPTER 5

Price Schedule Forms

Table of Contents

Sl. No.	Type of Price Schedule Form
01.	Price schedule for Goods being offered from abroad
02.	Price schedule for Goods offered from India

Note: The bidder may fill in the appropriate Price Schedule Form and enclose as per Clause 1.10 and 1.18.3 of the bidding documents.

PRICE SCHEDULE FOR GOODS BEING OFFERED FROM INDIA

Name of the Bidder _____

Tender No. _____

1	2	3	4	5	6	7	8	9	10	11	12
Sl. No.	Item Description With HSN code	Country of origin	Unit	Quantity	Unit Rate Ex-Works, Ex-warehouse, Ex-show room off the shelf price (inclusive of all taxes already paid)	Total price Ex-Works, Ex-warehouse, Ex-show room off the shelf price (inclusive of all taxes already paid) 5x6	GST & other taxes payable, if contract is awarded	Packing & forward-ing up to station of dispatch if any	Charges for inland transporta-tion, insurance up to Lab. / Instt.by <i>air/road/rail</i> <i>(retain one only)</i>	Total Price	Installation, Commis-sioning and training charges, if any

Note:

Total Bid price in foreign currency _____

(a) The cost of optional items, if any shall be indicated separately

in words _____

(b) Cost of Spares, if any

Signature of Bidder _____

Name _____

Business Address _____

PRICE SCHEDULE FOR GOODS BEING OFFERED FROM ABROAD

Name of the Bidder _____

TENDER No. _____

1	2	3	4	5	6	7	8	9	10	11	12
Sl. No.	Item Description	Country of origin	Unit	Qty.	Unit price Indicating currency FOB (named port of shipment or FCA (named place of delivery) <i>(retain only one)</i>	Total price (5x6) FOB (named port of shipment) or FCA (named place of delivery) <i>(retain only one)</i>	Charges for Insurance & transportation to port//place of destination	Total price <i>CIF/CIP</i> <i>(retain one only)</i> (7+8)	Indian Agents Commission as a percent of FOB /FCA price included in the Quoted price	Approx. Ship-ment weight and volume	Indian Customs Tariff No and HSN No. (ICT & HSN No.)

Note:

Currency _____

Total Bid price in foreign currency _____

in words _____

(a) Indian agents name & address _____

(b) Installation, commissioning & training charges,
if any _____

Signature of Bidder _____

Name _____

(c) Cost of Spares, if any _____

Business Address _____

(d) The Indian agent's commission shall be paid in Indian Rupees only based on the Exchange Rate prevailing on the date of negotiation of documents in accordance with clause 2.22 of GCC.

(e) The cost of optional items shall be indicated separately.

CHAPTER 6

Qualification Requirements

(Pre-qualification criteria)

Criteria 1 - Experience and Past Performance:

- The Bidder must have the experience of successful design, supply, installation and commissioning of at least 1 BSL-3/ABSL-3 Lab in last five years. Details to be submitted along with copies of work orders and successful completion certificates from the client.
- The Bidder shall have the experience and setup for providing Operation and Maintenance Services for at least one BSL-3/ABSL-3. Details shall be submitted along with copies of work order and satisfactory execution of Operation and Maintenance Services from the client.
- One staff from the Bidder firm should be stationed for the routine maintenance of the BSL-3 Lab up to five years after successful installation and commissioning of the facility.
- Lab should be in compliance with national and international standards: WHO, CDC, NIH, ICMR- latest Guidelines.
- The bidder should not have been blacklisted, debarred or expelled by Union Government/State Governments/ PSU's etc. on the date of submission of Bid.
- The facility is primarily for use in drug-discovery research on *Mycobacterium tuberculosis* H37Rv and related drug-resistant pathogenic strains and for research work that requires the use of BSL-3 and A-BSL3 laboratory

Note for Bidders:

- a) 'Doctrine of Substantial Compliance': The Pre-Qualification Bidding (PQB) and Pre- Qualification Criteria (PQC) are for shortlisting of sources who are competent to perform this contract to ensure best value for money from expenditure of Public Money. This process is neither intended to bestow any entitlement upon nor to create any rights or privileges for the Bidders, by way of overly hair-splitting or viciously legalistic interpretations of these criteria, disregarding the very rationale of the PQB and PQC. Keeping this caveat in view, interpretation by the Purchaser would be based on common usage of terminologies and phrases in public procurement in accordance with the 'Doctrine of Substantial Compliance' and would be final.
- b) The Bidder must declare, whether asked or not in a bid document, any previous transgressions of such a code of integrity with any entity in any country during the last three years or of being debarred by any other Procuring Entity. Failure to do so would amount to violation of this code of integrity.
- c) In case of agents quoting in offshore procurements, on behalf of their principal manufacturers, one agent cannot represent two manufacturers or quote on their behalf in a particular tender enquiry. One manufacturer can also authorise only one agent/ dealer. There can be only one bid from the following:
 - i) The Principal manufacturer directly or through one Indian agent on his behalf; and
 - ii) Indian/foreign agent on behalf of only one principal.
- d) Along with all the necessary documents/certificates required as per the tender conditions, the bidder should furnish a brief write-up, backed with adequate data, explaining his available capacity (both technical and financial), for manufacture and supply of the required goods/equipment, within the specified time of completion, after meeting all their current commitments.
- e) Supporting documents submitted by the bidder must be certified as follows:
 - i) All copy of supply/work order; respective completion certificate and contact details of clients; documents issued by the relevant Industries Department/National Small Industries Corporation (NSIC)/ manufacturing licence; annual report, etc., in support of experience, past performance and capacity/capability should be authenticated by the by the person authorised to sign the tender on behalf of the bidder. Original Documents must be submitted for inspection, if so demanded.

- ii) All financial standing data should be certified by certified accountants, for example, Chartered Accountants/Cost Accountants or equivalent in relevant countries; and Indian bidder or Indian counterparts of foreign bidders should furnish their Permanent Account Number.
- f) A bidder or any of its affiliates who participated as a consultant in the preparation of the design or technical specifications of the contract i.e. the subject of the bid; cannot participate in the bidding process.
- g) Indian agents quoting on behalf of its foreign principal need to submit an copy of the agency agreement with the foreign principal detailing the services to be rendered by them on behalf of the principals, failing which its bid shall not be considered.
- (h) Foreign bidders to disclose the name and address of agent and representatives in India and Indian bidder to disclose their foreign principal or associates.

Note: Bidders shall provide relevant information in support of qualifications requirement indicated under Chapter 6 including exemption claimed, if any, along with documentary evidence.

CHAPTER 7

Contract Form

Contract No. _____ Date: _____

THIS CONTRACT AGREEMENT is made the *[insert: number]* day of *[insert: month]*, *[insert: year]*.

BETWEEN

(1) The Council of Scientific & Industrial Research registered under the Societies Registration Act 1860 of the Government of India having its registered office at 2, Rafi Marg, New Delhi-110001, India represented by The Director-Central Drug Research institute, jankipuram Extension, Sec-10, Lucknow-226031, 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) Special Conditions of Contract
- (c) General 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)]*

03. 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

(To be enclosed as indicated below)

Table of Contents

Sl. No.	Name
01.	Bidder Information Form (to be enclosed with the technical bid)
02.	Manufacturers' Authorization Form (to be enclosed with the technical bid)
03.	Bid Security Form (to be enclosed with the technical bid)
04.	Bid Securing Declaration. (to be enclosed with the technical bid)
05.	Performance Statement Form (to be enclosed with the technical bid)
06.	Deviation Statement Form (to be enclosed with the technical bid)
07.	Service Support Detail Form (to be enclosed with the technical bid)
08.	Bid Form (to be enclosed with the priced bid)
09.	Performance Security Form (to be enclosed with the technical bid)
10.	Acceptance Certificate Form (to be enclosed with the technical bid)
11.	Integrity Pact (to be enclosed with the technical bid)
12.	Format of Letter of Authority for participating in bid opening
13.	Format of declaration of abiding by the code of integrity and conflict of interest to be submitted by the bidder.

Note : Please refer clause 1.10.1 of the bidding documents for other documents to be attached with the bids/offers.

Bidder Information Form*(Refer para 5.1.2 (ix)(a) of the CSIR Manual)*

- (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]*

Page 1 of _____ pages

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

Signature of Bidder _____

Name _____

Business Address _____

MANUFACTURERS' AUTHORIZATION FORM

(Refer para 5.1.2 (ix)(b) of the CSIR Manual)

[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 and be enclosed with the technical bid.

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

Tender No.: *[insert number from Invitation for Bids]*

To: *[insert complete name and address of Purchaser]*

WHEREAS

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

We hereby extend our full guarantee and warranty in accordance with Clause 2.21 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

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

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

Title: *[insert title]*

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

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

Annexure–5E

BID SECURITY FORM

(Refer para 5.1.2 (ix)(c) & 6.1.1 (01) of the CSIR Manual)

Whereas _____ (hereinafter called the tenderer”) has submitted their offer dated _____ for the supply of _____

(hereinafter called the tender”) against the purchaser’s tender enquiry No. _____

KNOW ALL MEN by these presents that WE _____ of _____ having our registered office at _____

_____ are bound unto _____ (hereinafter called the “Purchaser”)

In the sum of _____

for which payment will and truly be made to the said Purchaser, the Bank binds itself, its successors and assigns by these presents. Sealed with the Common Seal of the said Bank this _____ day of _____ 20 _____.

THE CONDITIONS OF THIS OBLIGATION ARE:

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

WE undertake to pay the Purchaser up to the above amount upon receipt of its first written demand, without the Purchaser 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 i.e., up to _____ and any demand in respect thereof should reach the Bank not later than this date.

(Signature of the authorized officer of the Bank)

Name and designation of the officer

Seal, Name & Address of the Issuing Branch of the Bank

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.

Bid-Securing Declaration Form

(Refer para 5.1.2 (ix)(d) & 6.1.1 (02) of the CSIR Manual)

Date: _____

Bid No. _____

To (insert complete name and address of the purchaser)

I/We. The undersigned, declare that:

I/We understand that, according to your conditions, bids must be supported by a Bid Securing Declaration.

I/We accept that I/We may be disqualified from bidding for any contract with you for a period of one year from the date of notification if I am /We are in a breach of any obligation under the bid conditions, because I/We

- (a) have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid during the period of bid validity specified in the form of Bid; or
- (b) having been notified of the acceptance of our Bid by the purchaser during the period of bid validity (i) fail or reuse to execute the contract, if required, or (ii) fail or refuse to furnish the Performance Security, in accordance with the Instructions to Bidders.

I/We understand this Bid Securing Declaration shall cease to be valid if I am/we are not the successful Bidder, upon the earlier of (i) the receipt of your notification of the name of the successful Bidder; or (ii) thirty days after the expiration of the validity of my/our Bid.

Signed: (insert signature of person whose name and capacity are shown) in the capacity of (insert legal capacity of person signing the Bid Securing Declaration).

Name: (insert complete name of person signing the Bid Securing Declaration)

Duly authorized to sign the bid for and on behalf of : (insert complete name of Bidder)

Dated on _____ day of _____ (insert date of signing)

Corporate Seal (where appropriate)

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

PERFORMANCE STATEMENT FORM*(Refer para 5.1.2 (ix)(e) of the CSIR Manual)***(For a period of last 3 years)****Name of the Firm.....**

Order Placed by (full address of Purchaser)	Order No. and date	Descrip- tion and quantity of ordered equip- ment	Value of order	Date of comple- tion of deliver as per Contract	Date of actual completi on of delivery	Remarks indicating reasons for late delivery, if any	Has the equipment been installed satisfactory? (Attach a certificate from the purchaser/C onsignee)	Contact person along with Telephone No., FAX No. and e-mail address

Signature and Seal of the manufacturer/Bidder

Place :

Date :

DEVIATION STATEMENT FORM*(Refer para 5.1.2 (ix)(f) of the CSIR Manual)*

Sl.No.	Name of Specifications / Parts / Accessories of Tender Enquiry	Specifications of Quote Model / Part / Accessory	Compliance Whether Yes or No	Deviation, if any to be indicated in unambiguous terms (The compliance / Deviation should be supported by relevant Technical Literature)	Technical justification for the deviation, if any. If specification is superior /inferior than asked for in the enquiry, it should be clearly brought out in the justification

Signature of Bidder

- ✓ If the bidder offers more than one model, then the Compliance Statement must be enclosed for each and every model separately.
- ✓ The technical and commercial deviations should be indicated separately.
- ✓ If the bidder fails to enclose the compliance statement, his bid is likely to be rejected.

Place:

Date:

Signature and seal of the

Manufacturer/Bidder

NOTE:

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

SERVICE SUPPORT FORM*(Refer para 5.1.2 (ix)(g) of the CSIR Manual)*

Sl. No.	Nature of training Imparted	List of similar type of equipment serviced in the past 3 years	Address, Telephone Nos. , Fax Nos. and e-mail address

Signature and Seal of the manufacturer/Bidder.....

Place :

Date :

Bid Form*(Refer para 5.1.2 (ix)(h) of the CSIR Manual)*

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

Tender No.: *[insert number from Invitation for Bids]*

Invitation for Bid No.: *[insert No of IFB]*

To: *[insert complete name of Purchaser]*

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Documents, including Addenda No.: *[insert the number and issuing date of each Addenda]*;
- (b) We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods and Related Services *[insert a brief description of the Goods and Related Services]*;
- (c) The total price of our Bid, excluding any discounts offered in item (d) below, is: *[insert the total bid price in words and figures, indicating the various amounts and the respective currencies]*;
- (d) The discounts offered and the methodology for their application are:

Discounts: If our bid is accepted, the following discounts shall apply. *[Specify in detail each discount offered and the specific item of the Schedule of Requirements to which it applies.]*
- (e) Our bid shall be valid for the period of time specified in ITB Sub-Clause 1.17.1 from the date fixed for the bid opening, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (f) If our bid is accepted, we commit to obtain a performance security in accordance with ITB Clause 1.43 and GCC Clause 2.13 for the due performance of the Contract and also submit order acceptance within 14 days from the date of contract in accordance with ITB Clause 1.42 and GCC Clause 2.44;
- (g) The following commissions, gratuities, or fees have been paid or are to be paid with respect to the bidding process or execution of the Contract: *[insert complete name of each Recipient, its full address, the reason for which each commission or gratuity was paid and the amount and currency of each such commission or gratuity]*

Name of Recipient	Address	Reason	Amount
-------------------	---------	--------	--------

(If none has been paid or is to be paid, indicate “none.”)

- (h) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed.
- (i) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Signed:

[insert signature of person whose name and capacity are shown]

In the capacity of *[insert legal capacity of person signing the Bid Submission Form]*

Name: *[insert complete name of person signing the Bid Submission Form]*

Duly authorized to sign the bid for and on behalf of: *[insert complete name of Bidder]*

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

PERFORMANCE SECURITY FORM

(Refer para 5.1.2 (ix)(i) & 6.1.2 (02) of the CSIR Manual)

MODEL BANK GUARANTEE FORMAT FOR PERFORMANCE SECURITY

To,

.....

WHEREAS (name and address of the supplier) (hereinafter called “the supplier”) has undertaken, in pursuance of contract No. datedto supply (description of goods and services) (herein after called “the contract”).

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 (amount of the guarantee in words and figures), and we undertake to pay you, upon your first written demand declaring the supplier to be in default under the contract and without cavil or argument, any sum or sums within the limits of (amount of guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

We 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 Issuing Branch of the Bank

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 CERTIFICATE FORM*(Refer para 5.1.2 (ix) (j) of the CSIR Manual)*

No. _____

Dated: _____

M/s. _____

Sub: Certificate of commissioning of equipment

01. This is to certify that the equipment as detailed below has/have been received in good condition along with all the standard and special accessories (subject to remarks in Para 2). The same has been installed and commissioned.

(a) Contract No. _____ Date _____

(b) Description of the equipment _____

(c) Name of the consignee _____

(d) Scheduled date of delivery of the consignment to the Lab./Instts. _____

(e) Actual date of receipt of consignment by the Lab./Instts. _____

(f) Scheduled date for completion of installation/commissioning _____

(g) Training Starting Date _____

(h) Training Completion Date _____

(i) Names of People Trained _____

(j) Actual date of completion of installation/commissioning _____

(k) Penalty for late delivery (at Lab./Instts. level) ₹ _____

(l) Penalty for late installation (at Lab./Instts. level ₹ _____

Details of accessories/items not yet supplied and recoveries to be made on that account:

Sl. No.	Description	Amount to be rrecovered

02. The acceptance test has been done to our entire satisfaction. The supplier has fulfilled his contractual obligations satisfactorily

or

The supplier has failed to fulfil his contractual obligations with regard to the following:

- (a)
- (b)
- (c)
- (d)

The amount of recovery on account of failure of the supplier to meet his contractual obligations is as indicated at Sr. No.

For Supplier

For Purchaser

Signature

Signature.....

Name

Name.....

Designation.....

Designation.....

Name of the firm.....

Name of the Lab/Instt.....

Date

Date.....

Format of Integrity Pact
(Refer para 5.1.2 (ix) (k) of the CSIR Manual)
INTEGRITY PACT

Between

Council of Scientific & Industrial Research (CSIR) a Society registered under the Indian Societies Act 1860 represented by **CSIR-Central Drug Research Institute, Jankipuram Extension, Sec-10, Lucknow-226031** hereinafter referred to as —

The Principal"

Andherein referred to as —The Bidder/ Contractor.

Preamble

The Principal intends to award, under laid down organizational procedures, contract/s forThe Principal values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/ transparency in its relations with its Bidder(s) and/or Contractor(s).

In order to achieve these goals, the Principal will appoint an Independent External Monitor (IEM), who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

Section 1 – Commitments of the Principal

(1) The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:

(a) No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.

(b) The Principal will, during the tender process treat all Bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.

(c) The Principal will exclude from the process all known prejudiced persons.

(2) If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the IPC/PC Act, or if there be a substantive suspicion in this regard, the Principal will inform the Chief Vigilance Officer and in addition can initiate disciplinary action.

Section 2 – Commitments of the Bidder(s)/Contractor(s)

(1) The Bidder(s)/Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.

(a) The Bidder(s)/Contractor(s) will not, directly or through any other Person or firm, offer, promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.

(b) The Bidder(s)/Contractor(s) will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, Certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.

(c) The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act; further the Bidder(s)/Contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

(d) The Bidder(s)/Contractor(s) of foreign origin shall disclose the name and address of the Agents/representatives in India, if any. Similarly the Bidder(s)/Contractors(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any. Further details as mentioned in the —Guidelines on Indian Agents of Foreign Suppliers‡ shall be disclosed by the Bidder(s)/Contractor(s). Further, as mentioned in the Guidelines all the payments made to the Indian agent/representative have to be in Indian Rupees only. Copy of the —Guidelines on Indian Agents of Foreign Suppliers‡ is annexed and marked as Annexure.

(e) The Bidder(s)/Contractor(s) will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.

(2) The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

(3) The person signing IP shall not approach the courts while representing the matters to IEMs and he/she will await their decision in the matter.

Section 3 – Disqualification from tender process and exclusion from future Contracts

(1) If the Bidder(s)/Contractor(s), before award or during execution has committed a transgression through a violation of Section 2, above or in any other form such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s)/Contractor(s) from the tender process or take action as per the procedure mentioned in the —Guidelines on Banning of business dealings‡. Copy of the —Guidelines on Banning of business dealings‡ is annexed and marked as Annex —B.

Section 4 – Compensation for Damages

(1) If the Principal has disqualified the Bidder(s) from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover the damages equivalent to Earnest Money Deposit/ Bid Security.

(2) If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to Section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages of the contract value or the amount equivalent to Performance Bank Guarantee.

Section 5 – Previous transgression

(1) The Bidder declares that no previous transgressions occurred in the last 3 Years with any other Company in any country conforming to the anti-corruption approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.

(2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or action can be taken as per the procedure mentioned in —Guidelines on Banning of business dealings.

Section 6 – Equal treatment of all Bidders / Contractors/ Sub-contractors

(1) The Bidder(s)/Contractor(s) undertake(s) to demand from all Subcontractors a commitment in conformity with this Integrity Pact, and to submit it to the Principal before contract signing.

(2) The Principal will enter into agreements with identical conditions as this one with all Bidders, Contractors and Subcontractors.

(3) The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

Section 7 – Criminal charges against violating Bidders / Contractors/ Subcontractors

(1) If the Principal obtains knowledge of conduct of a bidder, Contractor or Subcontractor or of an employee or a representative or an associate of a bidder, Contractor or Subcontractor which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the same to the Chief Vigilance Officer.

Section 8 - Independent External Monitors

(1) The Principal appoints competent and credible Independent External Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.

(2) The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the JS (A), CSIR.

(3) The Bidder(s)/Contractor(s) accepts that the Monitor has the right to access without restriction to all Project documentation of the Principal including that provided by the Contractor. The Contractor will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to

Subcontractors. The Monitor is under contractual obligation to treat the information and documents of the Bidder(s)/ Contractor(s) / Subcontractor(s) with confidentiality.

(4) The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.

(5) As soon as the Monitor notice, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or take corrective action, or to take other relevant action. The monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.

(6) The Monitor will submit a written report to the JS(A), CSIR within 8 to 10 weeks from the date of reference or intimation to him by the Principal and should the occasion arise, submit proposals for correcting problematic situations. 83

(7) Monitor shall be entitled to compensation on the same terms as being extended to/provided to Independent Directors on the CSIR.

(8) If the Monitor has reported to the JS(A),CSIR, a substantiated suspicion of an offence under relevant IPC/PC Act, and the JS(A), CSIR has not, within the reasonable time taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner.

(9) The word Monitor‘ would include both singular and plural.

Section 9 – Pact Duration

This Pact begins when both parties have legally signed it. It expires for the Contractor 10 months after the last payment under the contract, and for all other Bidders 6 months after the contract has been awarded.

If any claim is made/lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged/determined by JS(A), CSIR.

Section 10 – Other provisions

(1) This agreement is subject to Indian Law. Place of performance and Jurisdiction is the Registered Office of the Principal, i.e. New Delhi

(2) Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.

(3) If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.

(4) Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

(For & On behalf of the Principal)

(Office Seal)

Place.....

Date.....

Witness 1:(Name & Address): _____

Witness 2::(Name & Address): _____

(For & On behalf of Bidder/Contractor)

(Office Seal)

Place.....

Date.....

Format for declaration by the Bidder for Code of Integrity & conflict of interest
(Refer para 3.2.1 & 5.1.2 (ix)(m) of the CSIR Manual)

(On the Letter Head of the Bidder)

Ref. No: _____

Date _____

To, Director,
CSIR-Central Drug Research Institute,
Jankipuram extension Sec-10,
Lucknow
Uttar Pradesh-226031
India

Sir,

With reference to your Tender No. _____ dated _____ I/We hereby declare that we shall abide by the Code of Integrity for Public Procurement as mentioned under Para 1.3.0 of ITB of your Tender document and have no conflict of interest.

The details of any previous transgressions of the code of integrity with any entity in any country during the last three years or of being debarred by any other Procuring Entity are as under:

- a
- b
- c

We undertake that we shall be liable for any punitive action in case of transgression/ contravention of this code.

Thanking you,

Yours sincerely, Signature
(Name of the Authorized Signatory)
Company Seal

PRICE SCHEDULE FORM FOR GOODS BEING OFFERED FROM ABROAD
(Refer para 5.1.4 (02)(i) of the CSIR Manual)

Name of the Bidder _____ TENDER No. _____

1	2	3	4	5	6	7	8	9	10	11	12
Sl. No.	Item Description	Country of origin	Unit	Qty.	Unit price Indicating currency	Total price (5x6)	Charges for Insurance & transportation to port//place of destination	Total price CIF/CIP <i>(retain one only)</i> (7+8)	Indian Agents Commission as a percent of FOB /FCA price included in the Quoted price	Approx. Shipment weight and volume	Indian Customs Tariff No and HSN No.
					FOB (named port of shipment or FCA (named place of delivery) <i>(retain only one)</i>	FOB (named port of shipment) or FCA (named place of delivery) <i>(retain only one)</i>					(ICT & HSN No.)

Note:

Currency _____

Total Bid price in foreign currency _____
in words _____

(a) Indian agents name & address _____

(b) Installation, commissioning & training charges, if any _____

Signature of Bidder _____

Name _____

(c) Cost of Spares, if any _____

Business Address _____

(d) The Indian agent's commission shall be paid in Indian Rupees only based on the Exchange Rate prevailing on the date of negotiation of documents in accordance with clause 22.1 of GCC.

(e) The cost of optional items shall be indicated separately.

PRICE SCHEDULE FORM FOR GOODS BEING OFFERED FROM INDIA
(refer para 5.1.4 (02)(i) of the CSIR Manual)

Name of the Bidder _____		Tender No. _____										
Sl. No.	1	2	3	4	5	6	7	8	9	10	11	12
		Item Description With HSN code	Country of origin	Unit	Quantity	Unit Rate Ex-Works, Ex-warehouse, Ex-show room off the shelf price (inclusive of all taxes already paid)	Total price Ex-Works, Ex-warehouse, Ex-show room off the shelf price (inclusive of all taxes already paid) 5x6	GST & other taxes payable, if contract is awarded	Packing & forwarding up to station of dispatch, If any	Charges for inland transportation, insurance up to Lab. / Instt. by air/road/rail (retain one only)	Total Price	Installation, Commissioning and training charges, if any

Note:Total Bid price in Indian currency _____
in words _____

- a) The cost of optional items, if any shall be indicated separately
b) Cost of Spares, if any

Signature of Bidder _____

Name _____

Business Address _____

BANK GUARANTEE FORM FOR ADVANCE PAYMENT

(Refer para 5.1.2 (ix)(n) & 6.5.1 (ii) (d) of the CSIR Manual)

To

(name of Purchaser)
(address of Purchaser)
(name of Contract)

Gentlemen:

In accordance with the provisions of the Purchase Order no. _____, dated _____, M/s _____, *(name and address of Supplier)* (hereinafter called "the supplier") shall deposit with _____ *(name of Purchaser)* a bank guarantee to guarantee his proper and faithful performance under the said Clause of the Contract in an amount of *(amount of guarantee)* _____ *(in words)*.

We, the _____ *(bank or financial institution)*, as instructed by the Supplier, agree unconditionally and irrevocably to guarantee as primary obligator and not as Surety merely, the payment to *(name of Purchaser)* on his first demand without whatsoever right of objection on our part and without his first claim to the Supplier, in the amount not exceeding _____ *(amount of guarantee)* _____ *(in words)*.

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 *(name of Purchaser)* 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 remain valid and in full effect from the date of the advance payment received by the Supplier under the contract until _____.

Yours truly,

Signature and seal:

Name of bank/ financial institution:

Address:

Date:

_____ An amount is to be inserted by the bank or financial institution representing the amount of the Advance Payment.

IMPORTANT NOTE : Bidders in their own interest are advised to carefully go through the terms and conditions of this Tender Document and submit their offers along with other relevant documents in support of their bid and duly filled up applicable forms indicated above. Kindly ensure that all the relevant columns are duly filled up and each page of bid document including Integrity Pact (except printed literature) is duly signed/ initialed along with seal by the authorized signatory/ representative of the bidder.

banker AD code 0000125-2000008

MANDATE FORM

ELECTRONIC CLEARING SERVICE (CREDIT CLEARING) / REAL TIME GROSS SETTLEMENT (RTGS) FACILITY FOR RECEIVING PAYMENTS

A. DETAIL OF ACCOUNT HOLDER:-

NAME OF ACCOUNT HOLDER	DIRECTOR CDRI, LUCKNOW
COMPLETE CONTACT ADDRESS	Sector 10, Jankipuram Extension, Sitapur Road, Lucknow - 226 031
TELEPHONE NUMBER/FAX/ E MAIL	0522- 2771940 (Telephone) 0522-2771941 (Fax), E.mail- director@cdri.res.in
PAN NUMBER	AAATC 2716R
TIN NUMBER	LKNCO1053D
TAN NUMBER	LKNCO1053D
UNIQUE AGENCY CODE	CDRI LKO

B. BANK ACCOUNT DETAILS:-

BANK NAME	STATE BANK OF INDIA
BRANCH NAME WITH COMPLETE ADDRESS, TELEPHONE NUMBER AND E.MAIL	STATE BANK OF INDIA, CDRI Branch., Sector 10, Jankipuram Extension, Sitapur Road, Lucknow - 226 031 Phone 0522-6460426, FAX- 0522-2200309 E.MAIL Sbi.10174@sbi.co.in
WHETHER THE BRANCH IS COMPUTERISED?	YES
WHETHER THE BRANCH IS RTGS ENABLED? IF YES, THEN WHAT IS THE BRANCH'S IFSC CODE	YES, SBIN0010174
SWIFT CODE	SBININBB157
IS THE BRANCH ALSO NEFT ENABLED?	YES
TYPE OF BANK ACCOUNT (SB/CURRENT / CASH CREDIT)	SAVING BANK A/C
COMPLETE BANK ACCOUNT NUMBER (LATEST)	30269374557
MICR CODE OF BANK	226002050

DATE OF EFFECT:-

I hereby declare that the particulars given above are correct and complete. If the transaction is delayed or not effected at all for reasons of incomplete or incorrect information I would not hold the user Institution responsible. I have read the option invitation letter and agree to discharge responsibility expected of me as a participant under the Scheme.

Date:

Certified that the particulars furnished above are correct as per our records.



Bank's Stamp)

Signature of Customer
(Signature of Director)
JUN KUMAR DWIVEDI
जून कुमार द्विवेदी
Controller of Finance & Accounts
अकाउंट्स एवं वित्त नियंत्रक
Central Drug Research Institute
रायनगर (डोग्रो)/Lucknow (U.P.)