LIMITED / OPEN LIMITED TENDER DOCUMENT

INVITATION TO BID

	(Council of Scie	JLAR & MOLECULAR BIOLOGY (CCMB) entific and Industrial Research) HYDERABAD 500007, TELANGANA, INDIA
T	el: +91-40-27192681	EPABX:+91-4027160222 to 240
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Fax: +9	1-40-27160310/ 311/ 591	E-mail: spo@ccmb.res.in

To M/s

Dear Sirs,

Sub: Quotation for supply of "Biological safety Cabinet Class II Type A2" Ref: Our Enquiry No. 3312/281119/1578/EQPT dated: 18.02.2020

Director, CSIR-CCMB, Hyderabad (TELANGANA), India invites original Equipment Manufacturers, their Authorized Distributors and Indian agents of Foreign Principals, if any, submit their **ONLINE** e-bids under **Single Bid System** through Central Public Procurement Portal (CPPP) (URL:<u>https://etenders.gov.in/) o</u>nly for the supply, installation and commissioning of the following item/s:

SI. No.	Description of material (s)	Qty.
1.	BIOLOGICAL SAFETY CABINET CLASS II A2.	ONE
	1. End Use : R&D Purpose	
	2. Detailed specifications : As per Annexure -Y	
	3. Scope of supply and incidental services : As per Annexure-Y	
	4. Inspection and tests required : N/A	
	5. Acceptance test: N/A	
	 Training : Training and demonstration should be carried out after installation and testing and also during warranty period. 	
	7. Warranty : 05-years comprehensive onsite warranty including part and labour from the date of successful installation.	
	8. Qualification criteria (if any) :	
	9. Pre-Bid Conference (if any) : NA	
	(All prospective bidders are requested to kindly go through the NEW	
	terms and conditions before formulating and submitting your bids)	

Last Date for submission : 04.03.2020 up to 13:00 hrs. (IST)

Date of Opening : 05.03.2020 at 14:30 hrs. (IST)

TERMS & CONDITIONS

- 1. The quotation must be in the form furnished by the Purchaser and should be free from corrections/erasures. In case there is any unavoidable correction it should be properly attested. If not the quotation will not be considered. Hand written Quotations will not be considered.
- 2. It may kindly be noted that your bid should be in (single part).
- 3. E-Bids are invited through the electronic tendering process and the Tender Document can be downloaded from the e-Tender portal of Central Public Procurement (CPP) portal of the Government of India i.e. <u>https://etenders.gov.in</u>. A copy of the Tender Document is also available on CSIR-CCMB Website, <u>http://www.ccmb.res.in</u> for information. However, the submission of e-Bids will be only through the CPP e-Tender portal <u>https://etenders.gov.in</u>. Bids will not be accepted in any other form.
- 4. The acceptance of the quotation will rest with the competent authority of CSIR-CCMB, Hyderabad, who does not bind himself to accept the lowest quotation and reserves the right to himself to reject, or partially accept any or all the quotations received without assigning any reason.
- 5. Price quoted should be net and valid for a minimum period of **90 days** from the date of opening of the quotation.
- 6. Participation in this tender is by invitation only and is limited to the selected Purchaser's registered suppliers and also open to registered with CPPP portal.
- 7. The bidder must submit the applicable Price Schedule Form as Annexed to the tender document available on the website.
- 8. Complete specification with manufacturer's name and address should be given while quoting. Literature/Pamphlets should also be enclosed wherever applicable.
- Prices are required to be quoted in units indicated in the enquiry. When quotations are given in terms of other units, relationship between two sets of units should be furnished. Quantity discounts, if any should also be indicated. The items should be quoted indicating the serial No. of our RFQ.
- 10. In cases of agents quoting on behalf of their foreign manufacturers, one agent cannot represent two manufacturers or quote on their behalf in a particular tender enquiry. One manufacturer can also authorize only one agent/dealer. There can be only one bid from the following:
 - i. The foreign manufacturer directly or through one Indian agent on his behalf; or
 - ii. Indian/foreign agent on behalf of only one principal.
- 11. Please indicate the name and address of the agents in India if any, the details of service to be rendered by them & the percentage of commission payable to them. Agency commission payable to the Indian Agent should be clearly indicated. The Agency commission would be payable only in Indian Rupees after acceptance.

- 12. This Lab/Instt 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.
- 13. Please indicate the mode of dispatch/transportation of the items by Air/Sea/Rail/Road only.
- 14. In case the items in the enquiry are covered by any rate contract or running contract finalized by any other state or central Government, it should be specified in your quotation and accepted contract rates should also be mentioned.
- 15. Delivery period required for supplying the material should be invariably specified in the quotation. The offered delivery period shall have to be strictly adhered to in case an order is placed.
- 16.Liquidated Damages Clause for delays: The applicable rate is 0.5% per week and maximum deduction is 10% of the contract price.
- 17. If the deliveries are not maintained and due to that account the purchaser is forced to buy the material at your risk and cost from elsewhere, the loss or damage that may be sustained there by will be recovered from the defaulting supplier.
- 18.All supplies are subject to inspection and approval before acceptance. Manufacturer warranty certificates and manufacturer/Government approved lab test certificate shall be furnished along with the supply, wherever applicable.
- 19.TDS would be recovered as per rules in case of Fabrication/ Servicing/ Maintenance jobs/Installation charges, etc, as per statutory applicability.
- 20. Kindly furnish your PAN & GST Number etc. in your quotation for our records.
- 21.Our normal payment terms are 100% (hundred percent) within 30 (thirty) days on receipt and acceptance of material at our site in good condition. Please inform your Bank details for RTGS payment.
- 22.All disputes shall be settled in the courts of Hyderabad (Telangana, India) Jurisdiction only.
- 23.Tender conditions (printed on the reverse), if any, or otherwise sent along with the tender shall not be binding on us.
- 24.All the above instructions and our standard terms and conditions must be complied failing which your offer may be liable for rejection.

25.As per Govt. of India procurement policies,

a. The purchaser intends to give purchase preference to local suppliers* in case the cost of procurement is in the range of more than Rs 5.00 lakhs and up to Rs. 50.00 lakhs.

b. There is no restriction on the eligibility of the suppliers.

c. 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 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, as amended from time to time.

'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.

26.Instructions to Bidders, General Conditions of Contract applicable to Limited / Open Limited Tenders originating from CCMB Stores & Purchase (S&P) Division along with different formats can be viewed on our website https://www.ccmb.res.in under the heading tenders.

Yours faithfully,

(Dharmendra Kumar) Stores& Purchase Officer

CHAPTER 3

FORMATS

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- 12 Format of declaration of abiding by the code of integrity and conflict of interest to be submitted by the bidder
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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
SI. 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 air/road/ rail (retain one only)	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

(b) Cost of Spares, if any

Signature of Bidder _____

Name _____

Business Address _____

in words _____

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		
SI. No.	Item Description	Country of origin	Unit	Qty.	Unit price Indicating currency FOB (named port of shipment or FCA (named place of delivery) (retain only one)	Total price (5x6) FOB (named port of shipment) or FCA (named place of delivery) (retain only one)	Charges for Insurance & transportation to port//place of destination	Total price CIF/CIP (retain one only) (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.)		
(a)	ncy	s name & add	dress			in words _	price in foreign cur						
(b)							Signature of Bidder						
(c)	Cost of Spare	es, if any			_								
(d) (e)	The Indian ag documents in a The cost of op	accordance v	vith clau	se 2.22 c	of GCC.	Business s only based on t	Address he Exchange Rate	prevailing on th	e date of negotiation	on of			

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 name has been noted or is	to be paid indicate "		

(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]

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

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

Wherea	as							d the tendere	er") has su	bmitted thei	r offer d	ated
(herein	after ca							ler enquiry No)			
KNOW	ALL				presents			having our				of
"Purch	aser")					are b	ound u	nto	-		ter called	1 the
for whi assigns	ch payı s by th	ese pre _20	ill and esent	s. Seale ·				rchaser, the E al of the said				
(1)	If the t	endere	r with	ndraws o				mpairs or dero	ogates fron	n the Tender	in any	
(2)		endere of its v		-	notified of	the acc	ceptanc	e of his tende	er by the	Purchaser	during	the

- (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.

Annexure-5F

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 he Bid Securing Declaration)

Duly authorized to sign the bid for an 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)

Annexure-5G

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	Order	Descrip-	Value	Date	of	Date	of	Remar	ŕks	Has	the	equipr	nent	Conta	ct
Placed by	No.	tion and	of	compl		actual		indicat		been			alled	persor	
(full	and	quantity	order	tion	of	complet	ion	reasor	-		actory	? (Attac		along	
address of	date	of		delive	r	of delive		for	late	certifi	-	from		Teleph	
Purchaser)		ordered		as pe	r		,	deliver				Consigne		No.,	FAX
		equip-						any				-		No. ar	nd
		ment		Contra	act			-							
														e-mail	
														addre	SS

Signature and Seal of the manufacturer/Bidder

Place :

Date :

DEVIATION STATEMENT FORM

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

SI. No.	Name	of	Specifications of	Compliance	Deviation, if any	Technical
	Specifications	/	Quote Model /	Whether Yes	to be indicated	justification for
	Parts	/	Part /Accessory	of No	in unambiguous	the deviation, if
	Accessories	of			terms (The	any. If
	Tender Enquiry				compliance /	specification is
					Deviation	superior
					should be	/inferior than
					supported by	asked for in
					relevant	the enquiry, it
					Technical	should be
					Literature)	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.
- \checkmark The technical and commercial deviations should be indicated separately.
- \checkmark 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".

Annexure-5I

SERVICE SUPPORT FORM

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

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

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

Place:

Date:

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,

.....

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 day of

(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.

Annexure-5L

Dated: _____

ACCEPTANCE CERTIFICATE FORM

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

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 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)₹

SI. No.	Description	Amount to be recovered

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 fulfill his contractual obligations with regard to the following:

(a)

No.

- (b)
- (c)

The amount of recovery on account of failure of the supplier to meet his contractual obligations is as indicated at Sr. No. 3.

For Supplier	For Purchaser	
Signature	Signature	
Name	Name	
Designation	Designation	
Name of the firm	Name of the Lab/Instt	
Date	Date	

Annexure-50

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,

(Name & address of the Purchaser)

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

ANNEXURE- X

Affidavit of self-certification regarding domestic value addition to be submitted by the bidder

The local supplier at the time of tender, bidding or solicitation shall be required to provide **self-certification** that the item offered meets the **minimum local content** and shall give details of the *location(s)* at which the local value addition is made as per applicable Make in India policy of the Govt. of India.

<u>ANNEXURE – Y</u>

SPECIFICATIONS for "BIOLOGICAL SAFETY CABINET CLASS II TYPE A2"

Specifications:

Working Area	: 4'(W) x 2'(D) x 2'(H) (Approx.)				
Total external height of the unit: Should be ≤ 6ft. only as false ceiling height is 7ft.of installation site					
Internal Workarea	: SS 304 single piece, heavy gauge, corrosion resistant				
	and removable				
Downflow& Exhaust Filters	: HEPA / ULPA Filters of efficiency 99.97% or better				
Airflow Pattern	: 70% Recirculation & 30% Exhaust				
Airflow Direction	: Vertical Airflow				
Door Assembly	: UV proof vertical sliding door with UV interlocking				
Noise Level	: approx. ≤ 65dBA or better				
Downflow	: approx. 0.35m/s (70fpm) or better				
Protection	: Personnel, Product and Environment				
Operating Power	: Single Phase, 220VAC, 50Hz of operation.				
Front sliding sash access he	eight:approx. 8"with alarm indicating door open above this limit				
External Height of the unit	: Should be less than 6.5ft. (including base stand)				

I. Features:

- > Display: Microprocessor controlled display to show all safety information
- > Airflow Sensor: To Monitor real-time airflow for safety
- > Blower Motor: Microprocessor controlled energy efficient DC ECM Motor
- Night Mode: to save power consumption
- Raised Arm Rest: to prevent blocking of the grill
- > Drain Valve underneath worktable: to collect sample spillage

II. Essential Accessories:

- a) Prefilter for supply (inlet) air.
- b) Supply & Exhaust HEPA/ULPA Filters.
- c) Fluorescent tube light.
- d) UV tube light with timer to act as germicidal.(UV Timer should be adjustable by user in minute example 15min. or 20 min. etc. as per end user requirements).
- e) Base support stand with adjustable height (telescopic).
- f) Electrical socket outlets (Indian type sockets) 2Nos.
- g) Service Valves for gas, vacuum etc. 2Nos.
- h) SS 304 Armrest

III. Essential Standards Compliance:

- a) Biosafety Cabinet should be certified by international standards like NSF / ANSI 49 USA and EN 12469. These valid and latest international standards compliance certificates should submitted along with the offer.
- b) The filtered air quality/cleanliness of the working area should be as per ISO 14644.1, Class 3,standard. Relevant certificates should be enclosed and supplied along with the unit.
- c) Commitment to this clause to be mentioned in the offer clearly by principal & their local dealer.

IV. ImportantTerms & Conditions:

- 1) The Biological Safety Cabinet should be compatible for operation at 220/230VAC, 50Hz.
- 2) The total height of the offered Biosafety Cabinet including base stand and all accessories should be ≤ 6ft. onlyas false ceiling height is 7ft. of installation site.
- 3) Detailed literatures (all Originals) with technical specifications and features for the main system and all the accessories to be enclosed with the offer.
- 4) Please ensure that the specifications mentioned in the offers must cover all the parameters listed in our enquiry.
- 5) Detailed Instructions and service manuals for the entire system should be supplied along with the system. Commitment to this clause to be mentioned in the offer.
- 6) All standard accessories that would be supplied with the system should be clearly mentioned in the offer. Other required accessories may be offered separately as options.
- 7) The complete unit should be delivered, installed and tested at Medical Biotechnology Complex, CCMB Annex-II.
- 8) The principals / local agents are responsible for the installation, testing and commissioning of the main system and accessories which should be carried out immediately after receipt of the

system at CCMB, Hyderabad. Integration of the main system with the accessories, checking the specifications, training the users to be done at the site free of cost.

- 9) All tests like HEPA/ULPA Filter Integrity Test (PAO test/aerosol challenge test/Leak Test), Particle count test, Inflow and Downflow Velocity Tests, Smoke Pattern test, Light Intensity test, Noise Level tests etc. as per international standards like NSF 49, and EN 12469 should be carried out after installation free of cost and also once in a year during 5yrs. warranty period as per end users need. Validation documentation should be made and submitted to CCMB immediately after completion of all tests. Commitment to be made in the offer by principal & their local dealer.
- 10) The users training and demonstration should be carried out after installation and testing and also during warranty period as per user requirements.
- 11) Warranty: Five years comprehensive onsite warranty including part and labour from the date of successful installation of the system should be offered.
- 12) In case there are repeated problems and failures of the Biological Safety Cabinet and their internal parts during the warranty period, the entire systems should be replaced free of cost including shipping charges like freight, packing, insurance etc. (CIF Hyderabad) with new one. The total expenses towards taking back old unit also should be borne by supplier/principal. Commitment to this effect to be made in the offer by principal & their local dealer.
- The time frame for shipping of the spare parts during warranty should be within 10days. Commitment to be made in the offer.
- 14) Please confirm whether the spares and consumables for the system would be available for a minimum period of 10 years.
- 15) Pre-installation and utility requirements for installation and running the system should be clearly mentioned.
- 16) Local service support and response time for a service call during and after warranty should be within 24hrs.
- 17) List of users in India of the similar models as the one(s) offered along with the names, addresses, telephone numbers and mail ID's to be enclosed separately.
- Demonstration/ Technical presentations of similar models as the one(s) offered to be given on request either at CCMB or at customer sites.
- 19) Local dealers/distributers should submit latest valid authorization letter/certificate issued by their principal (manufacturer) with minimum validity of 10years.
- 20) Complete technical specifications compliance statement (along with supporting brochures, literatures and documents) for the offered model indicating all specifications features, terms

and conditions offered against our tender document should be submitted along with the quotation.

- 21) Answers and relevant documents should be provided for all points mentioned above in the important clauses and conditions. Technical & commercial unanswered points would be treated as non-complied with. Therefore all the points mentioned in the tender should be answered with supporting documents clearly. Suppliers should strictly adhere to this clause.
- 22) Criteria for selection would be based not only on specifications, features, clauses and conditions but on the proven performance of Biological Safety Cabinet and technical support. Therefore all the points mentioned in the tender should be answered along with supporting documents.

SI. No.	Requirement of Tender	Compliance	Document Submitted
1.	Price Schedule Forms	Yes/No	Yes/NA
2.	Bid Form	Yes/No	Yes/NA
3.	Bidders' Information Form	Yes/No	Yes/NA
4.	Manufacturers Authorization Form	Yes/No	Yes/NA
5.	Bid Security Form	NA	NA
6.	Bid Security Declaration	NA	NA
7.	Performance Statement Form	Yes/No	Yes/NA
8.	Deviation Statement Form	Yes/No	Yes/NA
9.	Service Support Detail Form	Yes/No	Yes/NA
10.	Performance Security Form	NA	NA
11.	Acceptance Certificate Form	Yes/No	Yes/NA
12.	Format of Declaration of abiding by the Code of Integrity & conflict of interest to be submitted by the bidder	Yes/No	Yes/NA
13.	Affidavit of self-certification regarding domestic value addition to be submitted by the bidder	Yes/No	Yes/NA

Check List: Duly filled check list to be submitted along with the Technical Bid.