



HAFFKINE BIO PHARMACEUTICAL CORPORATION LIMITED

(A Government of Maharashtra Undertaking)



Phone No.022-24129320-23

MM Dept No.022-24147564

CIN :- 24239MH1974SGC017341

ACHARYA DONDE MARG, PAREL, MUMBAI – 400012 (INDIA)

Website : <https://www.vaccinehaffkine.com> Email : mm@vaccinehaffkine.com

REF: ENQUIRY NO.HBPCL/GGS/QC(BIO)/420

DATED: 20.10.2025

SUBJECT:

"PURCHASE OF CO2 INCUBATOR (IMPORTED BRANDED COMPANY)"

DEPARTMENT:

QUALITY CONTROL (BIO) DEPTT.PAREL, MUMBAI 400012.

Sir/Madam,

With reference above mentioned enquiry, you are requested to offer your best rate/price in sealed envelope quotation on urgent basis for following requirement

SR. NO	PARTICULARS	QTY (NO.)
1	Purchase Of Co2 Incubator – (Range 160 lits – 200 Ltrs.) (Imported Branded Company) Preferred Make – Nuaire, Thermo scientific Detailed Technical Specification, terms and conditions etc attached. Technical Compliance Sheet- Annexure –A (page 1 of 8)	1 (One) No.

Note :

- 1) Please provide your GST No./HSN No./SAC and GST(%)
- 2) Our enquiry number to be mentioned on quotation. Envelope to be sealed properly. **NO STAPLED ENVELOPE WILL BE ACCEPTED.**
- 3) Quotation to be send on your Company's letterhead duly stamped and signed
- 4) Any other specific terms and condition & charges if any to be clearly specified in quotation.
- 6) Contact user department for clarification if needed (**Dr.Borkar mob – 9322225750**)
- 7) Work completion:- Within one week after issuance of PO (ready to use)
- 8) Warranty to be mentioned
- 9) Delivery immediately after issuance of PO.
- 10) The vendor shall submit a **valid OEM authorization certificate** clearly indicating that the vendor is the **sole authorized dealer/distributor** for the quoted product. The authorization must be **current, duly signed, and stamped by the OEM**, confirming that the vendor is authorized to **market, supply, and provide after-sales service** for the offered equipment in India.
- 11) The vendor shall submit the **financial quotation** along with the **duly signed and stamped Technical Compliance Statement** as per **Annexure-A** attached with this tender. In addition, the vendor shall submit **separate financial quotations** for the following:
 - A) **Five (5) years Annual Maintenance Contract (AMC)** for the equipment post warranty.
 - B) **Online UPS** (if applicable).

QUOTATION SHOULD BE SEND IN A SEALED ENVELOPE SUPER SCRIBED WITH OUR ENQUIRY NO., DATE & SUBJECT TO THE UNDERSIGNED AT THE BELOW MENTIONED ADDRESS WITHIN 3 DAYS FROM THE RECEIPT OF OUR ENQUIRY. SEALED QUOTATION TO BE SUBMITTED PHYSICALLY /BY COURIER/BY POST AT BELOW ADDRESS.

Mr. U V Pawar ,

I/c Materials Manager, Materials Management System

Haffkine Bio Pharmaceutical Corporation Ltd.

(Govt.of Maharashtra Undertaking), Acharya Donde Marg,

Parel, Mumbai – 400012



Techno commercial Enquiry No. HBPC/L/GGS/QC(BIO)/420 DTD 20.10.2025

Name of Vendor:-

Detailed Technical Specification, terms and conditions etc attached. Technical Compliance Sheet- Annexure -A

Sr.No.	Particulars	Compliance 1)Mention "Complied /Not Complied" 2)Highlight any deviations. 3)Mention part number/Catalogue number of the relevant item Quoted.
1	Name of the Manufacturer :	
2	Country of Origin:	
3	Model Name / Model No. of the Equipment (If the equipment is a combination of more than one equipment then list down the model no. pertaining to each)	
4	Year of Introduction Internationally	
5	Technical Specifications/Scope of supply	
5.1	Direct Heat CO2 Incubator with chamber volume of 5.65 cubic feet and Size of 160 Lit or more (Range - 160 liters to 200 Liters), single chamber, stackable.	
5.2	System should have minimum 5x7 inches LCD color touch screen display. Screen should display parameters like Chamber temperature, CO2%, System should Also have door open/Close display indicator, and decontamination cycle should be less than 15 hrs.	
5.3	System should have user selectable Dual decontamination/sterilization cycles. User to choose any of the decontamination method depending upon the cell line use. Heating system should be air jacketed or water pan.	
5.4	Relative humidity level up to 95% should be achieved in the incubator by the use of a stainless-steel pan filled with single distilled water placed on the bottom of the chamber. Humidity: 95% RH, convection.	
5.5	Incubator should come with standard 4 rectangular removable polished stainless-steel shelves. Should have maximum capacity of 16 shelves.	
5.6	System should have independent audible and visual alarms for high and low temp. and gas interior	
5.7	MOC: S.S, 16 gauge, Type 304, mirror finish. All shelves, shelf supports, & guide rails, should be easily removable for cleaning.	
5.8	System should have dual wavelength Infrared (IR) CO2 sensor to maintain CO2 level accurate within 0.1%	

5.9	CO2 Range should be 0.1 to 20%, CO2 accuracy: ± 0.1 % CO2 recovery time should be very fast Up to 5% - 0.50% / +0.20% in 5 Minutes Average.	
5.10	System should have temperature control. Range should be 5°C Above ambient to 55°C with accuracy of ± 0.1 C, Temp. Uniformity : ± 0.3 C at 37°C	
5.11	Air entering the system should continuously pass through 99.99% @ 0.3micron efficient HEPA filters producing an environment similar to ISO class 5 clean room with HEPA filter certificate.	
5.12	HEPA Filters, Air filters Should be outside the Growth chamber and there should be no need of removing them while running the decontamination/sterilization cycles.	
5.13	Communications interface (RS 485 & USB Digital Standard), Electrical Supply : 230V AC, 50Hz. System should have inbuilt data logging facility and should come with USB port for daily, weekly, monthly performance logs and event logs that indicates when alarms, door opening, power interruptions occurred.	
5.14	System should be CE certified. Vendor should provide electric, schematic diagram, all the sensors should be calibrated with NABL accredited lab with reports, display and motor certificates required, MOC test certification required, IQ, OQ to be performed by vendor.	
5.15	Warranty: 3 Years including parts and labour, Warranty starts from the day of installation. Five years AMC at best negotiable price is required after completion of warranty. (PLEASE QUOTE SEPARATELY) . Availability of spare parts/CO2 sensors, temperature sensors etc. to be made available in market after 10 years of warranty. All third party major items, accessories/attachment etc. integrated with the system should also cover 3 years - factory warranty from respective manufacturers. AMC - labour only: Quoted for 5 years post warranty. Price should not exceed 1.5% of the basic cost of equipment.	
5.16	Should be fan less design to reduce chance of contamination, reduce noise level, minimum air turbulence and bigger usable capacity.	
5.17	Should have a large backlit display with on screen help menus, control and data logging of temperature, humidity, CO2 door openings, alarms and optional O2 gases for at least 72 hrs. of historical data	
5.18	Should have building management system relays.	
5.19	Should have separate single inner <i>glass</i> door for monitoring of samples without disturbing conditions of the chamber.	
5.20	Should come with an inline pressure regulator to ensure less gas consumption and prevent overshooting of pressure which shortens life Span of incubator.	
5.21	Should come with a removable humidity tray for easy cleaning and refilling of distilled water.	
5.22	Should have infra-red CO2 sensor with auto zero function to ensure accuracy of sensor automatically and can withstand at least 120°C during high temperature disinfection.	

5.23	The incubator should come with standard perforated stainless steel shelves- at least 2 nos. and able to fit up to 5- 6 shelves as options.	
5.24	Should have a manual humidity control of 90-97% at 37 °C Humidity pan should be <i>removable</i> .	
5.25	Should have optional O2 control of 1-19 % or 0.1-19 % for dedicated applications.	
5.26	Should have optional High-Temperature Disinfection (HTD) of at least 120 °C for 4 hrs. and entire Disinfection/Sterilisation cycle (including heating up & cooling down) taking 10 hrs. or lesser.	
5.27	Should come with optional 2-split inner door to reduce loss of gas and reduce temperature changes during door opening.	
5.28	Should come with optional humidity monitoring & alert system.	
5.29	Dimensions should within (W*D*H) 50cm*50cm*65cm as per space availability at site.	
5.30	The height of the incubator should not exceed 65 cm and two incubators are stackable with optional stacking kit. (Size need to be mentioned.)	
5.31	The weight should not exceed 50 kg for portability purpose.	
5.32	Item/Equipment quoted should not be a second hand/refurbished/on verge of obsolescence/outdated model. Similarly, after award of contract, the item supplied should be a newly manufactured item and not the old item already manufactured and stocked for more than 1 month.	
6	The equipment should be USFDA/European CE/BIS/ICMED Approved	
7	Upgradability capability (List down possible upgrades for the quoted model). The CO2 incubator should be field-upgradable sensors and modular components to extend its functional life and/or add additional features such as O2 control etc. The OEM must confirm that retrofitting/upgrading the unit in the future is possible without replacing the entire incubator. Bidders must confirm that the retrofit can be performed by the OEM without replacing the chamber. retrofitting/upgrading	
8	On-Line UPS/Voltage Stabilizer requirements-in case, if required, then provide with the equipment (PLEASE QUOTE SEPARATELY)	
9	Regulatory Approvals, If any. Details with copies of approvals.	
10	Safety requirements: It should follow International / national safety requirement. Please specify certification with certifying agency and country with copies of certificate.	
11	Should conform to safety standards: EN 61010-1 1993, EN 50081-1 1992, EN 50082-1 1992.	

12	User's list: A list of installations with the address and contact numbers to be provided. (User list should be for the quoted model.). Past experience of the bidders in terms of quality of supplied equipment's, after sales service and application support will be taken into consideration while technical evaluation. Bidders who has unsatisfactory past experience in last 2-3 years, in terms of quality of supplied equipment's, after sales service and application support, bids of such bidders may liable to be rejected. Agreements / Purchase Orders / Completion certificates if any, for similar works in other Institutes, the details of such supplies for the preceding three years should be given together with the prices eventually or finally paid.	
13	After Sale Service Support (Details to be provided)	
13.1	Complete operational manuals and technical information including circuit diagrams should be provided. Company should provide technical support for hardware and software, spares and consumables. Company should provide required spares and consumables for at least next 10 years even after discontinuation of the model. Bidders who do not qualify this criteria shall not be considered. Bidder should provide address of the authorized service centre and details of number of personnel with training credentials.	
14	Pre installation Requirements:- Provide details of pre installation requirements , special ambient conditions , if any, space requirement, any other special needs.	
15	Installation, Commissioning , testing and Training	
15.1	Unpacking and Shifting the consignment to the installation site is to be included in the scope of supply. Bidder/manufacturer/authorized service provider should take responsibility to lift/shift the consignment from unloading site to the installation site. Unloading site shall be Quality Control Biological Department . If needed, Bidder has to arrange for the labourers at no charge to HBPCCL.(Before submitting the quotation, bidders may visit HBPCCL to know unloading site and installation site)	
15.2	Installation, Commissioning and Training is included in the scope of supply. Bidder, Manufacturer and/or its authorized representative should undertake installation and commissioning of the equipment	
16	Read the above scope of supply carefully and quote accordingly. Incomplete and /or partially complete offers are liable to be rejected	
17	Manufacturer/bidder should clearly indicate typical life span / Life expectancy of the quoted equipment	
18	Item/Equipment quoted should not be a second hand/refurbished/on verge of obsolescence/outdated model. Similarly, after award of contract, the item supplied should be a newly manufactured item and not the old item already manufactured and stocked for more than 1 month.	

19	After opening of the bid, Physical demonstration of the quoted model may have to be shown / arranged by the bidder, if requested by the Institute. Physical demonstration may be shown at HBPCCL site located in Mumbai city. If there are no installations of the quoted model in Mumbai, then the quoted model may have to be brought in at HBPCCL for demo purpose immediately from the date of request. Physical Demonstration may be requested to confirm the availability of any or all technical features as mentioned/stated in the technical bid. Physical Demonstration will also be a part of technical evaluation process. If the bidder does not comply, such bids are liable to be disqualified. (Demonstration of quoted model is to be shown and not the demonstration of similar models with different technical specifications and features)	
20	Complete and detailed information should be provided in respect to each point specified in the specifications. Technical bids that are incomplete in any respect are liable to be rejected. Provide relevant supportive information, publications, catalogue, etc. Bidders providing misleading or wrong information are liable to be rejected. All technical claims should be printed in the technical brochure of the equipment.	
21	If any contradictory statements /figures/information is observed in the compliance chart and in the technical bid, then the technical information mentioned in the product literature/brochure will be considered true and further evaluation will be done based on the information given in the product literature/brochure. Regarding the warranty and free AMC terms, information quoted in the technical bid will only be taken as valid term	
22	Compliance column may be filled with relevant data, figures, range etc. as applicable. Do not just mention "YES / NO / Complied "	
23	Declaration by the bidder	
23.1	We have quoted for all the items meeting the description/scope of supply in the Financial bid as per prescribed format of the Tender documents and we agree that Partial/incomplete offers are liable for Rejection	
24	Risk Purchase clause In event of failure of supply of the item/equipment within the stipulated delivery schedule, the purchaser has all the right to purchase the item/equipment from the other source on the total risk of the supplier under risk purchase clause	

25	Clause for Non-Locked Open Software & Programming Backup The supplied equipment shall have non-locked, open software with full operational functionality. The vendor/OEM shall provide the complete programming backup, access credentials, and administrative rights required for operation, maintenance, and troubleshooting of the equipment. The equipment shall remain fully operational and accessible irrespective of payment status. Under no circumstances shall the vendor/OEM restrict or disable software functionality or system access due to pending or part payment. All necessary software keys, passwords, and configuration data shall be handed over to the purchaser at the time of installation and commissioning.	
26	Submission of Proof of Import	
27	Payment Insulation Undertaking Vendor should ensure that they have sufficient capital resources to execute the scope of this tender and will make due payment to our firms labour / employees assigned to execution of this work related to this Tender insulating it from payments from HBPCL. Vendor also under take to perform in faithful & efficient manner the work of this tender without linking it to payments from HBPCL.	
28	No Sub-Contracts:	
29	The venue for arbitration shall be Mumbai, Maharashtra, India. The jurisdiction of the courts shall be Mumbai Maharashtra India.	
30	On site Calibration	
31	Payment terms and conditions:- 1) HBPCL shall release 50 % of amount after successful delivery to HBPCL along with all applicable taxes as per tax invoice 2) Next 40 % amount will be paid to vendor only after the machine has been successfully installed, commissioned and tested and submission of DQ, IQ, OQ and PQ documents 3) HBPCL will retain 10% of the basic amount as a security deposit for the three year warranty period	
32	Delivery Period / Timeliness The deliveries & installation in all respect (ready to use) must be completed within 5 days, after placement of purchase order. The time is the essence of the contract. It is mandatory for the bidders who respond to this bid to meet these expectations, as are tightly linked to HBPCL's plans of completing the project within the time frame and considering ensuing WHO inspection. The vendor shall ensure complete delivery of the ordered item(s) in a single lot. Partial or split deliveries shall not be accepted under any circumstances. The purchaser reserves the right to reject any partial supply.	

33	Locations for the Supply / Services: Supply, installation and commissioning, testing of Co2 Incubator at HBPCL, Parel, Mumbai 400012. Covered by this document is required to be done at HBPCL,Parel, Mumbai-12.	
34	The equipment must be supported by a Service Centre in India manned by the principal vendor's technical support engineers. The support through this Centre must be available 24 hours in a day, seven days a week and 365 days a year. Also it should be possible to contact the Principal's vendor support Centre on a toll free number/web/mail.	
35	Details of onsite warranty, agency who shall maintain during warranty and undertake Annual Maintenance Contract/Comprehensive Service Maintenance Contract beyond warranty shall be given in the offer separately.	
36	Freight & Insurance The equipment's to be supplied will be insured by the vendor against all risks of Loss or damage from the date of shipment till such time it is delivered at HBPCL site. Loading/ Unloading will be under Supplier scope	
37	If the supplier fails to Supply, Install as per specifications mentioned in the order within the due date, the Supplier is liable to pay liquidated damages of 1% of order value per every week of delay subject to a maximum of 10% beyond the due date. Such money will be deducted from any amount due or which may become due to the supplier. If supplier fails to fulfil PO terms and conditions will be liable for legal action and will be blacklisted.	
38	Penalty for delayed Services / LD As time is the essence of the contract, Delivery period mentioned in the Purchase Order should be strictly adhered to. Otherwise the HBPCL will cancel the order and the purchaser has all the right to purchase the item/equipment from the other source on the total risk of the supplier under risk purchase clause. No further correspondence, justification, or request for reconsideration from the supplier shall be entertained in this regard. The decision of HBPCL shall be final and binding .	
39	The bidder/OEM shall clearly specify the typical service life of the CO ₂ incubator in the technical bid. The declared typical life shall indicate the expected operational lifespan of the equipment under normal laboratory usage conditions , during which performance and availability of spares/service support are assured.	
40	Conditional Offers will not be considered.	
47	Commencement Of Warranty Period: The warranty period of an item shall commence from the date of successful installation, commissioning and demonstration at HBPCL. The warranty period and validity of Performance Guarantee shall be extended for the period of delay in satisfactory installation and delay in warranty services.	



48	The tendering authority reserves the right to reject any or all bids without assigning reasons	
49	Quoted rates shall be valid for 180 days from the date of opening	
50	The vendor shall intimate the purchaser in writing within three (3) days from the date of occurrence of any event that may result in inability to supply the ordered material or delay in delivery . Failure to do so shall entitle the purchaser to take appropriate further action in the matter , including cancellation of the order and procurement from alternate sources at the vendor's risk and cost.	

8 of 8

I / We agree to all terms and conditions and Note above.

(Signature of bidder/authorized signatory with date & company seal)

Date:-

Name of the signatory: _____

Address of the firm/ Agency:- _____