

निविदा के लिए निमंत्रण / INVITATION TO TENDER

निविदा सं./ TENDER ENQUIRY No. - BDG/IICB/R&D/001/2025-26

निविदा दस्तावेज / BID DOCUMENT FOR

सेवा / सामग्रियों का विवरण/ SERVICE/ ITEMS DESCRIPTION

“GMP Scale-up and Production of novel Liposomal Amphotericin B formulation in liquid suspension, lyophilization, characterization & stability check”

e-Bids under **TWO BID System** (Technical Bid and Financial / Price Bid) shall be submitted through Central Public Procurement Portal(**CPPP**)

(URL:<https://etenders.gov.in/>) only

Bidder must necessarily comply with conditions of 'Make in India(MII)' Order No. P-45021/2/2017-PP (BE-II) dated 16th September 2020 of Ministry of Commerce and Industry, Government of India(GoI), as amended from time to time, as on the date of issue of tender and related instructions of the GoI.

सम्पर्क/ contact-

Head, BDG

CSIR - INDIAN INSTITUTE OF CHEMICAL BIOLOGY

4, Raja SC Mullick Road, Jadavpur, Kolkata 70-0032

Phone No. +91 33 2499 5700

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	CSIR – INDIAN INSTITUTE OF CHEMICAL BIOLOGY	
	(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद् / Council of Scientific & Industrial Research	
	4, Raja SC Mullick Road, Jadavpur Kolkata-700 032, West Bengal, India	
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TENDER ENQUIRY No. - BDG/IICB/R&D/001/25-26

Dt. 15-05-2026

INVITATION FOR BIDS / NIT

Sir / Madam,

SUBJECT: Quotation for “GMP Scale-up and Production of novel Liposomal Amphotericin B formulation in liquid suspension, lyophilization, characterization & stability check” as per the specifications – Reg.

1. CSIR- Indian Institute of Chemical Biology (IICB), Kolkata, India is one of the premier constituent laboratories of Council of Scientific and Industrial Research, an autonomous body under the aegis of Department of Scientific & Industrial Research (DSIR), Government of India, New Delhi. CSIR-IICB is a science and knowledge-based Research, Development and Consulting organization. It is internationally known for its excellence in scientific research in the frontier areas of Chemical Biology.

The Institute was established in 1935 as the first non-official Centre in India for biomedical research and was included within the aegis of CSIR in 1956. CSIR-IICB today is engaged in research on diseases of national importance and biological problems of global interest, employing sophisticated state-of-the-art technology in keeping with the rapid and unprecedented momentum that life science research has gained globally over the last 50 years. The scientific staff has expertise in a variety of areas including chemistry, biochemistry, cell biology, molecular biology, neurobiology and immunology which promotes productive interdisciplinary interaction.

CSIR-IICB is one of the major laboratories in India which initiated, right from its inception, multidisciplinary concerted efforts for conducting basic research on infectious diseases, specifically leishmaniasis and cholera, along with the development of technologies for the diagnosis, immunoprophylaxis, and chemotherapy of the diseases.

2. Director, CSIR- IICB, Kolkata invites **ONLINE BIDS** from reputed Technical Service Providers / Contract Research Organisations (CRO), R& D Outsourcing under the provisions of various policy initiatives and notifications issued by various Ministries / Department of the Govt. of India for procurement of technical services listed below:

Sl. No.	Description	Quantity	Single/ Two bid	Bid Security (EMD)
1	“GMP Scale-up and Production of novel Liposomal Amphotericin B formulation in liquid suspension, lyophilization, characterization & stability check” , as per the specifications and details indicated under Chapter III	1 study (As per scope of work)	Two bid	EMD is not applicable, however, Bid Security Declaration must be submitted; otherwise, if it is not submitted with the Technical Bid, the offer will be rejected.

3. **E-Bids** are invited through the electronic tendering process and the Tender Document can be downloaded from the e-Tender Central Public Procurement Portal (CPPP) of Government of India, <http://etenders.gov.in>. Copy of the Tender document is also available on CSIR-IICB website www.IICBIndia.org. The submission of **e-bids** will be only through the e-tender portal <https://etenders.gov.in>. Bids will not be accepted in any other form. The prospective bidders should adhere to deadlines specified in tender details screen corresponding to this tender on e-tender portal <https://etenders.gov.in>

Bid submission start Date: 15/05/2026

Last Date for Bid submission: 04/06/2026 up to 13:00 hrs. (IST)

4. **This is an Open Tender Enquiry(O TE) and is open to all local bidders/CROs meeting the Tender requirements as per the Make in India(MII) order. Bidder must necessarily comply with conditions of ‘Make in India’ Order No. P-45021/2/2017-PP (BE-II), dated 16th September 2020 of the Ministry of Commerce and Industry, Government of India(Gol), as amended from time to time, as on the date of issue of tender and related instructions of the Government of India.**

This tender document is published on CPP Portal(CPPP) and also on CSIR-IICB website- <https://www.iicbindia.org/tenders.php> and can be downloaded from there “FREE of COST”.

CORRIGENDUM, IF ANY, SHALL BE PUBLISHED ON THE PORTAL / WEBSITE ONLY AND NO SEPARATE NEWSPAPER ADVERTISEMENT OR COMMUNICATION SHALL BE ISSUED.

5. This “Invitation to bid (ITB)’ is open only to all ‘Class I and Class II suppliers’ complying with the latest Government of India (GoI) instructions related to ‘Make in India(MII)’.

6. ADDRESS FOR COMMUNICATION:

Director
CSIR-INDIAN INSTITUTE OF CHEMICAL BIOLOGY(IICB),
4, Raja SC Mullick Road, Jadavpur, Kolkata 70-0032
Phone No. 033- Email: director@iicb.res.in

For tender submission queries please contact: upasanaray.iicb@csir.res.in	For query related to Scope of work please contact: susantakar.iicb@csir.res.in
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07. Bids will be opened ONLINE in CPP Portal(CPPP). If the bids cannot be opened on scheduled due date/ time due to any technical or administrative issues (holidays, office closure etc.), the same will be opened on next working day, as the case maybe.

08. Purchaser follows Govt. of India’s public procurement policies:

Important Note for MSEs / Start Up India / Make In India - DPIIT Policy Bidders - Although provisions related to Government’s public procurement purchase preference policy are briefly stated in the tender document under relevant clauses. Any bidder seeking exemptions / benefits / preferences under MSEs / Start Up India / Make in India / DPIIT, Ministry of Commerce and Industry policy or any other policy / scheme of the Government of India, which is currently in force **MUST** specifically **declare** its eligibility in “**Bidder Information Form**” to avail the benefit/preference sought under the relevant policy of the Government at the time of bid submission itself while enclosing all supporting documents / certificates etc. for claiming such benefits, if so desired . The bidder must also clearly highlight the provisions of the specific policy with respect to the benefit/preference being sought by the bidder for which it meets the eligibility conditions with relevant documents in support of the same.

IF THE BIDDER FAILS TO DECLARE ITS STATUS AND/ OR FAILS TO CLAIM THE ELIGIBLE SPECIFIC POLICY BENEFIT/ PREFERENCE/ EXEMPTION ETC. AND/OR FAIL TO SUBMIT NECESSARY DOCUMENTS/ CERTIFICATES IN SUPPORT OF ITS CLAIM AT THE TIME OF BIDDING ITSELF, ITS CLAIM FOR SUCH BENEFIT SHALL NOT BE ENTERTAINED AT A LATER STAGE IN THE BIDDING PROCESS.

09. The **Director, CSIR-IICB, Kolkata** 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.

The Bid prepared by the Bidder shall include the following: -

CHAPTER I

निबंधन एवं शर्तें/ Terms & Conditions general

1. **E-Bids** are invited through the electronic tendering process for conducting “**GMP Scale-up and Production of novel Liposomal Amphotericin B formulation in liquid suspension, lyophilization, characterization & stability check**”, as per the detailed specifications mentioned under Chapter below. Tender Document can be downloaded ‘**free of cost**’ from the e-Tender portal of Central Public Procurement Portal(CPPP) of the Government of India i.e. <https://etenders.gov.in>. A copy of the Tender Document is also available on CSIR-IICB Website, <http://www.iicb.res.in> for information. However, the submission of e-Bids will be **only** through the CPP e-Tender portal <https://etenders.gov.in>. **Bids will not be accepted in any other form.**
2. For participation in e-procurement all bidders need to enrol themselves on the Central Public Procurement Portal (URL:<https://etenders.gov.in>) which will be **free of cost**. For further information, kindly refer “Bidder Manual Kit” in the said portal.
3. Only enrolled/registered bidders with the above said portal shall be allowed to participate in the *e-tendering* process.
4. 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.
5. It may kindly be noted that your online **Bid** should be in **Two BID System**.
6. Price quoted should be **net** and valid for a minimum period of **90 days** from the date of opening of the quotation.
7. **It may be noted that Conditional / Unsigned tenders shall not be considered.**
8. The bidder must submit the applicable **Price Schedule Form** as annexed to the **BOQ** in etenders.gov.in / Tender Document in support of Price Bid details.
9. **Performance Security Clause:** Performance Security shall be **3%** of the invoice value, valid for the period of 60 days beyond the date of completion of all contractual obligations of the contractor, including completion of Job ‘**C**’ obligations.
10. Complete specifications with manufacturer’s Name and address should be given while quoting. **Supporting literature / brochures / pamphlets / technical data sheets / drawings** must be enclosed with the quotation wherever applicable.
11. 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.
12. Currency of the Quote essentially be **Indian Rupee only**.
13. **Delivery period** required for supplying the service complete in all respects should be invariably specified in the quotation. The offered delivery period shall have to be strictly adhered to in case an order is placed.

14. **Liquidated Damages** The applicable rate is **0.5%** per week and maximum deduction is **10%** of the contract price, at the discretion of the Competent Authority, CSIR- IICB.
15. If the deliveries/service are not maintained and due to that account the purchaser is forced to buy the material/service at your risk and cost from elsewhere, the loss or damage that may be sustained there by will be recovered from the defaulting supplier.
16. Technical service to be rendered shall be subject to approval of CSIR-IICB before its final acceptance for payment. Government approved lab test certificate shall be furnished along with the supply/service, wherever applicable.
17. **IT / GST TDS** would be recovered as per applicable rule / regulations / provisions of applicable Indian laws.
18. Kindly furnish your **Permanent Account No.(PAN) & GST Number**, etc. in your quotation for our records.
19. Tender conditions (printed on the reverse), if any, or otherwise sent along with the tender **shall not be binding** on us.
20. **PRE-BID CONFERENCE:** The Pre-bid Meeting will be held on 22.05.2026 at 11:00 AM at CSIR-IICB Jadavpur Campus, Kolkata-32. The interested bidder may send their request at sandeep@iicb.res.in & upasanaray.iicb@csir.res.in for virtual meeting link. Kindly send their request within 20.05.2026 at 05:00 PM.
21. Interested bidders may participate in the pre-bid meeting through virtual mode also
22. This Institute intends to extend purchase preference policy benefits available to bidders in terms of policies and instructions issued by the Govt. of India in pursuance of 'Micro, Small and Medium Enterprises(MSME) Development Act, 2006' as made applicable, as on the date of issue of this tender inquiry.
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.

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

- a) In the case of proprietary MSE, the proprietor(s) shall be SC /ST.
- b) In the case of partnership MSE, the SC/ST partners shall be holding at least 51% (fifty-one percent) shares in the unit.
- c) In the case of Private Limited Companies, at least 51% (fifty-one percent) share shall be held by SC/ST promoters

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

The instructions regarding MSEs, as amended from time to time as on the date of Tender Inquiry shall be made applicable.

23. **Jurisdiction** - All disputes related to this tender shall be subject to the court of competent jurisdiction at **Kolkata** only.

24. If bidder is Indian agent of foreign principal, the following instructions shall be complied

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- i. Bidder must **necessarily comply** with conditions of '**Make in India**' Order No. **P-45021/2/2017-PP (BE-II) dated 16th September 2020** of Ministry of

Commerce and Industry, Government of India(Gol), as amended from time to time on the date of issue of tender and related instructions of the Gol.

- ii. Bidder shall **comply with restrictions under Rule 144 (xi) of the GFR, 2017 related to restrictions on participation of Foreign Bidders and their Authorized Indian Agent/ Dealer** in terms of **Order No. P-45021/112/2020-PP(BE-II) (E-43780) dated 24.08.2020** of the Ministry of Commerce and Industry, Department for Promotion of Industry and Internal Trade and Govt. of India, Ministry of Finance, Dept. of Expenditure, PP Division OM No. F-7/10/2021/PPD (1) dt. 23.02.2023 and related instruction, as amended from time to time as on the date of issue of tender.

25. This Institute is registered with Dept. of Scientific & Industrial Research (DSIR), Govt. of India and concessional Customs Duty and 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, as amended from time to time. There is no concession available in case of GST(IGST/CGST/SGST). This registration is valid till 31.08.2026.

26. The Director, CSIR- Indian Institute of Chemical Biology (IICB), reserves the right to accept or reject any or all tenders / offers either in part or in full or to annul the tender process at any stage or to split the order without assigning any reasons thereof.

27. IMPORTANT NOTE:

i. KINDLY ENCLOSE COPIES OF PURCHASE ORDERS OF SAME/SIMILAR SERVICE THAT YOU HAVE RECEIVED FROM ANY GOVERNMENT INSTITUTES/ UNIVERSITIES / CSIR INSTITUTES IN PARTICULAR, DURING THE LAST 03 YEARS.

ii REASONABILITY OF PRICES:

PLEASE QUOTE BEST MINIMUM PRICES APPLICABLE FOR A PREMIER RESEARCH INSTITUTION, LEAVING NO SCOPE FOR ANY FURTHER NEGOTIATIONS ON PRICES.

26. The address for obtaining further information:

Head, BDG
CSIR-Indian Institute of Chemical Biology
(Ministry of Science & Technology, Govt. of India)
4, Raja SC Mullick Road, Jadavpur, Kolkata
Email: upasanaray.iicb@csir.res.in
Land Line No:033- 2499 5700

CRITICAL DATE SHEET

क्रमांक SI. No.	प्रक्रम / Stage	दिनांक और समय /Date & Time
1.	प्रकाशन का दिनांक और समय Publish Date & Time	15-05-2026, 4:00 PM
2.	दस्तावेज डाउनलोड का प्रारंभ दिनांक और समय Document Download Start Date & Time	15-05-2026, 5:00 PM
3.	संदेह / सवाल पूछने की अंतिम दिनांक और समय Last Date & time for receipt of queries	20-05-2026, 5:00 PM
4.	बोलीपूर्व सम्मेलन, यदि हो तो Pre-bid Conference, if any	22-05-2026, 11:00 AM
5.	बोली जमा करने की प्रारंभिक दिनांक और समय Bid Submission Start Date & time	28-05-2026, 5:00 PM
6.	बोली जमा करने की अंतिम दिनांक और समय Bid Submission End Date & Time	15-06-2026, 5:00PM
7.	बोली खोले जाने की दिनांक और समय Bid Opening Date & Time	16-06-2026; 5:10 PM

* The final dates shall be as per the dates given in CPPP Portal.

CHAPTER II

About the organization

Indian Institute of Chemical Biology (IICB), Kolkata, established in 1935, is a constituent National Laboratory of the Council of Scientific and Industrial Research (CSIR), New Delhi. With its expertise in chemical biology, it provides solutions to challenges faced by Industry, Government Departments and Entrepreneurs through basic and applied research as well as process development. It is internationally recognized for its contributions to scientific research and is an ideal place for taking ideas to commercialization through state-of-the-art research and development.

The Institute was established in 1935 as the first non-official centre in India for biomedical research and was included within the aegis of CSIR in 1956. CSIR-IICB today is engaged in research on diseases of national importance and biological problems of global interest, employing sophisticated state-of-the-art technology in keeping with the rapid and unprecedented momentum that life science research has gained globally over the last 50 years. The scientific staff has expertise in a variety of areas including chemistry, biochemistry, cell biology, molecular biology, neurobiology and immunology which promotes productive interdisciplinary interaction.

CSIR-IICB is one of the major laboratories in India which initiated, right from its inception, multidisciplinary concerted efforts for conducting basic research on infectious diseases, specifically leishmaniasis and cholera, along with the development of technologies for the diagnosis, immunoprophylaxis, and chemotherapy of the diseases.

CSIR IICB has several projects in hand, carried out in-house or on collaborative mode, with premier academic and research institutions in the country and abroad.

These projects cover wide areas of research including drug discovery and development of novel FORMULATION for anti-leishmanial and anti-fungal drug discovery.

Chapter III

Technical requirements for conducting of “GMP Scale-up and Production of novel Liposomal Amphotericin B formulation in liquid suspension, lyophilization, characterization & stability check” to be rendered by the Contract Research Organization (CRO) or technical service provider proposed to be engaged in the present case as per the specifications below- One study/package

1. Eligibility Criteria for selection of service provider for conducting the study:

- I. The service provider shall have to the necessary in house facility to complete Job A. Job A cannot be outsourced. Service provider should have minimum 2 years of experience in conducting similar services for companies/ public funded or govt/academic institutions and/or have a long standing experience in manufacturing liposomal product as a Pharma company (documents should be provided).
- II. The Consultants/Service Providers must have the registered office in India.
- III. The service provider should have GMP enabled/certified laboratory to perform Job A & B.
- IV. If Jobs B & C are outsourced by the service provider, they should mandatorily have official tie-up/agreement with third party/Sub-contractors (Documents required to be submitted along with the Bid Submission). For Job B, third party/Sub-contractors should have GMP certification.

Bidders should mandatorily provide:

- i. Valid GMP (for Job A & B) certificate as mentioned below in **Annexure I**.
- ii. Laboratory accreditations (as required)
- iii. Pharma companies/Service Providers should submit either evidence of similar work executed in the last 2 years supported by at least 2 purchase orders or long standing experience in manufacturing liposomal product supported by sufficient documents
- iv. Test/manufacturing license for the job
- v. Positive Financial capability documents (Latest 2 financial years)
- vi. Details of subcontractors/tie-ups, valid documents should be provided.
- vii. Commitment to perform work in GMP enabled facilities only (for Job A & B)
- viii. The Bidder may submit additional certifications for quality services
- ix. All certificates are needed as per the guidelines of CDSCO for IND studies, as applicable

2. Scope:

In the proposed project, the selected CRO will conduct **GMP Scale-up and Production of novel Liposomal Amphotericin B formulation in liquid suspension, lyophilization, characterization & stability check**".

3. The specifications /technical requirements for the proposed outsourcing activity are provided below

Annexure I

Job description - GMP Scale-up and Production of novel Liposomal Amphotericin B formulation in liquid suspension, lyophilization, characterization & stability check

Deliverables

- A. GMP Scale-up Process Development and Production of novel Liposomal Amphotericin B formulation as liquid suspension. This will include 14.4 liters of amphotericin B containing novel liposomal formulation in liquid form plus 3.6 liters of drug free placebo novel liposomal formulation in liquid form. Both amphotericin B containing novel liposomal formulation (4.8 + 4.8 + 4.8 liters) & drug free placebo novel liposomal formulation (1.2 + 1.2 + 1.2 liters) should be made in 3 different batches.

This will include **Set I**- 140 vials of Novel Liposomal Amphotericin B Formulation from each batch with 20 mg/vial stock. Total 420 vials for 3 batches, stock 20 mg/vial.

Set II – 40 vials of Novel Liposomal Amphotericin B Formulation from each batch with 50 mg/vial stock. Total 40 x 3 = 120 vials for 3 batches, stock 50 mg/vial.

From vials of amphotericin B containing novel liposomal formulation, 3 vials from each batch (20mg/ml, total 9) & 2 vials of 50 mg/ml (3 batches, total 9) will be sent by the service provider to CSIR-IICB, for quality check.

The concentration of amphotericin B should be 1mg/ml.

For the drug free placebo formulation, there should be 15 vials of 20 ml/vial stock (**Set III**) and 18 vials of 50 ml/vial stock (**Set IV**) from each batch. For 3 batches of 1.2 litre each, total vials- 45 vials of 20 ml/vial stock and 54 vials of 50 ml/vial stock of drug free novel liposomal formulation will be manufactured.

From each batch, 5 vials of 20 ml/vial (15 vials from 3 batch) and 2 vials of 50 ml/vial (total 6 vials from 3 batches) will be sent by service provider to CSIR-IICB. The rest of the vials (78 vials) will be lyophilized as mentioned in Job B.

Among the vials of amphotericin B containing novel liposomal formulation, 5 vials from each batch (20 mg/ml) will be used by the service provider for initial check of liposomal integrity and following parameters:

Fill weight, pH, Chloroform content, Lecithin content, Assay (Amphotericin B), Stearylamine (SA), Trehalose, PBS, BET, Sterility, phase behavior, Encapsulation Efficiency, in vitro drug release, particle size analysis using dynamic light scattering and Zeta potential measurement.

All reports and relevant raw data will be delivered to CSIR-IICB within 3 weeks of Production of novel Liposomal Amphotericin B formulation as liquid suspension. Upon successful validation of liposomal integrity at Principal Investigator end, Payment will be released for Job A within 4 week of receiving the vials upon successful validation

- B. GMP enabled Lyophilization of Novel Liposomal Amphotericin B Formulation in 20 mg/vial and 50 mg/vials stock in glass vials prepared in job A. This will include 100 vials of Novel Liposomal Amphotericin B Formulation from each batch with 20 mg/vial stock. Total 300 vials for 3 batches, stock 20mg/vial. The 2nd preparation will be 38 vials of Novel Liposomal Amphotericin B Formulation from each batch with 50 mg/vial stock. Total 114 vials for 3 batches, stock 50 mg/vial.

The placebo containing drug free novel liposomal formulation will include 30 vials of 20 ml/vial stock & 48 vials of 50 ml/vial stock for lyophilisation. All liquid and lyophilized vials of placebo containing drug free novel liposomal formulation should be sent to CSIR-IICB.

3 vials of Lyophilized Novel Liposomal Amphotericin B Formulation from each batch (Total 9 vials of 20mg/ml) will be sent by the service provider to CSIR-IICB. Upon successful validation of liposomal integrity & characterization at Principal Investigator end, payment will be released for Job B within 4 weeks of receiving the vials.

- C. Characterization and stability check of novel Liposomal Amphotericin B formulation in liquid form at refrigerated condition, and after lyophilization in different storage conditions as mentioned below.

From the 420 vials produced in **Set I** of Job A, 300 are lyophilized in Job B. The following tests are to be done from these 300 vials.

- Accelerated Conditions: Store at 40°C ± 2° C/75% RH ± 5% RH for 1 month, 2 months, 3 months, 6 months, 9 months (5 time points)
 - Real-Time Conditions: Store at 30°C ± 2° C/75% RH ± 5% RH for 1 month, 2 months, 3 months, 6 months, 9 months. (5 time points)
 - Refrigerated Conditions: Store at 2-8°C for initial,1 month, 2 months, 3 months, 6 months, 9 months. (6 time points)

15 vials from 3 batches (5 vials/batch) for a total 16 time points at 3 different storage conditions as mentioned above will be evaluated for liposomal integrity and following parameters:

Fill weight, pH, Chloroform content, Lecithin content, Assay (Amphotericin B), Stearylamine (SA), Trehalose, PBS, BET, Sterility, phase behavior, Encapsulation Efficiency, in vitro drug release, particle size analysis using dynamic light scattering and Zeta potential measurement. All reports and relevant raw data will be delivered to CSIR-IICB within 3 weeks after completion of each time point.

Total no. of lyophilized vials will be evaluated $16 \times 15 = 240$ vials. The remaining vials are to be sent to CSIR-IICB.

Liquid amphotericin B containing novel liposomal formulation (3 vials of 20mg/ml from each batch) will also be checked for Characterization and stability at refrigerated temperature for initial, 3 & 6 months. The remaining vials are to be sent to CSIR-IICB.

Total vials for 3 set = $3 \times 3 \times 3 = 27$ vials.

Terms & conditions

1. Service provider should have minimum 2 years of experience in conducting similar services for companies/ public funded or govt/academic institutions and/or have a long standing experience in manufacturing liposomal product as a Pharma companies (documents should be provided). The Institute will have the right to have its authorized personnel visit the manufacturing site.
2. The service provider shall mandatorily complete Job A. The upscaling of liposomal preparation and lyophilization should be done in GMP certified laboratory. The service provider should provide valid GMP enabled laboratory certification.
3. The manufacturer should procure stearylamine and phosphatidylcholine from commercial sources with highest purity and should be characterized for purity and structural verification before proceeding with the GMP upscaling of the amphotericin B liposomal formulation.
4. All ingredients should be purchased by the manufactures from commercial sources with highest purity.
5. Non Disclosure Agreement (NDA) will be executed with the selected service provider for process development and Production of novel Liposomal Amphotericin B formulation
6. The manufacturer should provide data for encapsulation efficiency (equal or greater than 88%) of liquid formulation before proceeding for lyophilization.
7. The manufacturer should provide sterility, composition, and physical and chemical stability data to claim the integrity of the formulation both before & after lyophilization. The party should provide characterization certificate for the proper stability of the product. Vials of both liquid and lyophilized liposomes will be shared with the PIs for validation prior to release of payment.
8. The payment will be done to the party only if the lyophilized formulation is sterile, pure and physically and chemically intact.
9. The service provider shall mandatorily complete Job A. Only lyophilization (Should be GMP enabled for job B) & liposomal integrity and characterization (Job C) may be out sourced from a third party/Sub-contractors.
10. The selected Service Provider can also outsource jobs B and C from a third party/Sub-contractors (Should be GMP enabled for job B) provided they should have an official tie up/collaboration with the third party and valid

documents of official tie up/collaboration should be provided along with GMP certificates.

11. The selected service provider shall be solely responsible for completion of Job A, B and C as per the scope of work.

CSIR-IICB reserves the right to ask the service provider to submit the shortfall documents pertaining to their eligibility criteria etc. mentioned in the tender document after opening of the technical offer (under Two Bid Format) within the stipulated time failing which their technical offer may be considered as non-responsive.

Any clarification on technical points asked by the technical committee of CSIR-IICB will be for the clarity of the service for arriving at a proper decision. Any clarification from the vendor of such nature which modifies the original quote in order to suite the technical specifications of CSIR-IICB after opening of bids will not be accepted

DELIVERY PERIOD

For Job A- 60 Days from date of PO / contract or earlier

For Job B- 45 days after completion of Job A

For Job C- Month-wise as mentioned in Technical Specifications in Annexure I

Payment condition: Payment will be made phase-wise on the completion of each job (A followed by B followed by C) and after providing the satisfactory data for each job under the scope of work. For job C, payment will be made after each time point after providing the data for liposomal integrity as mentioned in point C under the scope of work. For Job C, if the formulation is found unstable at a particular time point in either Accelerated, Real-Time and Refrigerated Conditions, no subsequent characterization will be performed by the service provider at that particular condition for subsequent characterization. Accordingly, payment will not be done for subsequent particular time point and condition (Accelerated, Real-Time & Refrigerated Conditions)

Payment Terms: Payment shall be made on milestone basis. The first milestone payment of up to 32% will be released after completion of liquid formulation (Job A). The second milestone payment of up to 18% will be released on satisfactory completion of lyophilization (Job B). Finally, after submission of stability and characterization data study/work subject to its approval and acceptance by CSIR-IICB project team, the rest of the payment upto 50% shall be released on monthly basis according to Job C.

Form A

BIDDERS' INFORMATION

1. Names of the firm:

2. Legal Status of the Firm: Individual/Association/Joint Venture/Consortium
3. Registered Address, telephone, Tele-fax.
.....
.....
.....
4. Contact Person, Designation and address including email id
.....
.....
.....
.....
5. Experience in years:
.....
6. Details of any other accreditations (documents to be attached):
7. Details of major regulatory bodies inspection and audits (documents to be Attached):
8. Attach an attested photocopy of Certificate of Registration.
9. Enclose order / contract copies received to your firm

Sign & seal of the tenderer

Form B

**DETAILS of "SIMILAR WORK*" Executed
IN LAST TWO OR MORE FINANCIAL YEARS**

S.NO	DETAILS OF STUDIES/TITLE	PERIOD	CLIENT NAME	REMARKS

***Similar Work: This may include work executed involving manufacture of Liposomal Formulation, Preparation/Synthesis of Liposomal Drug or Product followed by Lyophilisation and characterisation.**

Chapter IV

General Terms & Conditions (GCC) -

1. Code of Integrity

1.1.1 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 the 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 Copy Right

2.4.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the service provider/ CRO 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.

2.5 Application

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

2.6 Standards

2.6.1 The technical 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 service ' country of origin and such standards shall be the latest issued by the concerned institution.

2.7 Use of Contract Documents and Information

- 2.7.1 The service provider/ CRO 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 service provider/ CRO 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.
- 2.7.2 The service provider/ CRO 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.
- 2.7.3 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 service provider/ CRO's performance under the Contract if so required by the Purchaser.

2.8 Patent Indemnity

- 2.8.1 The service provider/ CRO shall, subject to the Purchaser's compliance with GCC 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 .
- 2.8.2 If any proceedings are brought or any claim is made against the Purchaser, the Purchaser shall promptly give the service provider/ CRO a notice thereof, and the service provider/ CRO 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.

2.9 Terms of Payment

- 2.9.1 The method and conditions of payment to be made to the Supplier under this Contract shall be as specified in the Purchase Order.

Milestone-Based Payment Terms: The Bidder shall keep CSIR-IICB informed of the progress by submitting a Progress Report every 15 Days from the start of the project. The total cost of the work order shall be disbursed to the service provider in accordance with the following milestone-based payment schedule:

a)	First Milestone Payment (Job A): Upon submission of the Study REPORT Protocol by the service provider to CSIR-IICB, up to 32% of the total cost of the work order shall be released
b)	Second Milestone Payment (Job B): Upon completion of the research work and sharing of results to CSIR-IICB, up to 18%

	of the total cost of the work order shall be released
c)	Third Milestone Payment (Job C) – Upon submission of the complete study report by the service provider along with raw data and fulfillment of all contractual obligations by CSIR-IICB, upto 50% of the total cost of the work order shall be released on monthly basis.

2.9.2 The service provider/ CRO'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 of service and document and upon fulfilment of other obligations stipulated in the contract.

~~2.9.3~~ Payments shall be made as per CSIR/GoI guidelines and after submission of the invoice or claim by the service provider/ CRO. While claiming the payment, the service provider/ CRO 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. This shall be subject to submission of submission of prescribed Performance Security, if applicable.

1.22.4 Payment shall be made in **Indian Rupees**, as indicated in the contract.

Note: All payments due under the Contract shall be paid after deduction of statutory levies at source (like ESIC, Income Tax, GST etc.), wherever applicable.

1.23 Change Orders and Contract Amendments

2.23.1 The Purchaser may at any time, by written order given to the service provider/ CRO 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 of service;
- (c) The changes in inspection arrangements, if any;
- (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 service provider/ CRO 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 successful bidder shall not be allowed to sub-contract works to any contractor from a country which shares a land border with India unless such contractor is registered with the Competent Authority.
- 2.25.2 In all cases where subcontract has been done the service provider/ CRO 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 service provider/ CRO from any liability or duties or obligation under the contract
- 2.25.3 Where ever subcontracting is applicable a certificate on the letter head of the bidder along with seal and signature of the person signing the bid must be submitted along with other necessary certificates

2.26 Extension of time.

- 2.26.1 Delivery of the service and performance of the Services shall be made by the service provider/ CRO in accordance with the time schedule specified by the Purchaser.
- 2.26.2 If at any time during performance of the Contract, the service provider/ CRO or its sub- contractor(s) should encounter conditions impeding timely delivery of the service 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 service provider/ CRO's notice, the Purchaser shall evaluate the situation and may, at its discretion, extend the service provider/ CRO'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 service provider/ CRO 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 service provider/ CRO 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 0.5% of the delivered price of the delayed service or unperformed Services or contract value in case the delivered price of the delayed service 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 10%. 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 service provider/ CRO, terminate the Contract in whole or part

- (a) If the service provider/ CRO fails to deliver any or all of the service 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 service provider/ CRO fails to perform any other obligation(s) under the Contract.
- (c) If the service provider/ CRO, 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, service similar to those undelivered, and the service provider/ CRO shall be liable for all available actions against it in terms of the contract.
- (c) However, the service provider/ CRO 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 service provider/ CRO 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 service provider/ CRO that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the service provider/ CRO. 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 service provider/ CRO 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 service provider/ CRO 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 service provider/ CRO, if the service provider/ CRO becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the service provider/ CRO, 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 service provider/ CRO 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 service provider/ CRO'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 service provider/ CRO an agreed amount for partially completed Goods and for materials and parts previously procured by the service provider/ CRO.

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 service provider/ CRO 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 service 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 Delhi International Arbitration Centre(DIAC), Delhi High Court, New Delhi OR India International Arbitration Centre (IIAC). 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.

- 2.32.4 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 service provider/ CRO 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 from where the Purchase Order has been issued.

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 invitation to bid.
- 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 / services, the 'service provider/ CRO' shall be entirely responsible for all taxes, duties, license fees, etc., incurred till its final manufacture/production / delivery / installation / commissioning / training.
- 2.36.2 If any tax exemptions, reductions, allowances or privileges may be available to the 'service provider/ CRO' in India, the Purchaser shall make its best efforts to enable the 'service provider/ CRO' to benefit from any such tax savings to the maximum allowable extent.

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

2.24 Order Acceptance

2.24.1 The successful bidder/ 'service provider/ CRO' 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.

**Format for declaration by the Bidder for “Code of Integrity
& conflict of interest“(On the Letter Head of the Bidder)**

Ref. No: _____

Date _____

To,

The Director,
CSIR-IICB,
4 Raja SC Mullick Road,
Jadavpur
Kolkata- 700032.

Sir,

With reference to your Tender
No. _____ dated _____ /

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 asunder:

- 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

FORM -

Bid Securing Declaration Form

Date: _____

Tender

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 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)

FORM -
PERFORMANCE SECURITY FORM

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 Bank and address of the Branch

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

Signature valid

Digitally signed by SANDHEEP
AGGARWAL

Date: 2026.05.15 15:06:53

Location: eProcurement System for
Central PSUs