



**TENDER DOCUMENT  
FOR  
PROCUREMENT OF SCIENTIFIC EQUIPMENTS**

<b>DATE OF ISSUE</b>	<b>04.07.2022</b>		
<b>PRE BID CONFERENCE</b>	<b>19.07.2022</b>	<b>11:00 hrs</b>	<b>(Annexure-I)</b>
<b>LAST DATE OF SUBMISSION</b>	<b>04.08.2022 up to 12.30 P.M.</b>		
<b>DATE OF OPENING OF TECHNICAL BIDS</b>	<b>08.08.2022 at 15.00 P.M.</b>		
<b>PLACE OF SUBMISSION OF TENDER</b>	<b>Birbal Sahni Institute of Palaeosciences, 53, University Road, Lucknow – 226007 (UP) India</b>		

**BIRBAL SAHNI INSTITUTE OF PALAEO SCIENCES**  
(An Autonomous Institute under Department of Science & Technology, Government of India)

**53, UNIVERSITY ROAD,  
LUCKNOW – 226007 (UP) INDIA**

Tel: 91-522-2742903, Fax: 91-522-2740098

Website: [www.bsip.res.in](http://www.bsip.res.in)

# CONTENTS

Sr. No.	Subject	Page No.
I)	Introduction	3
II)	Tender Notice	4
II)	Details of Tender and Tender Notice	5
III (A)	Terms and conditions - <b>General</b>	6-10
III (B)	Terms and Conditions- <b>Special</b>	11-17
IV	<b>Annexure I:</b> List of instruments along with the specifications required	18-25
	<b>Annexure II:</b> Format for filling up of cost details	26-27
	<b>Annexure III:</b> Delivery Schedule for indigenous / imported equipment	28
	<b>Annexure IV:</b> Format to be filled up and submitted in the letter head of the bidder	29-30
	<b>Annexure V:</b> Undertaking for supply of goods	31-32
V	<b>Annexure VI</b> - Technical part & Commercial part of the tender	33-34
VI	Bank Guarantee & Performance Bank Guarantee	35-39
VII	Details of Requirement for Opening L/C.(for imported items only)	40
VII	Checklist to the Bidders	41

## INTRODUCTION

1. Birbal Sahni Institute of Palaeosciences , 53, University Road, Lucknow (UP) is an autonomous institution under the Department of Science & Technology, Govt. of India. The Institute is pursuing research in PALAEOSCIENCES and allied subjects including Geochemistry and dating.
  
2. BSIP, Lucknow invites “Sealed bids” under **Two-Bid system** from (i) either manufacturer or (ii) an authorised agent for the equipment/item ful-filling the criteria laid down in Technical Bid format for the supply of equipment’s.

Tenders should be sealed, super scribed **with**  
**“Tender No. BSIP/TENDER/STORES & PURCHASE/2022-2023/ 01**  
**and submitted only at the following office:**

**DIRECTOR**  
**BIRBAL SAHNI INSTITUTE OF PALAEOSCIENCES**  
**53, UNIVERSITY ROAD,**  
**LUCKNOW - 226007**

and should be submitted on or before the closing date i.e. **04.08.2022 at 12:30 hrs.**, if delivered personally and if the quotes are sent by post/courier, the tender must reach **BSIP, LUCKNOW** at the address given above before closing time and closing date.

BSIP is not responsible for delays of any nature including postal and force majeure. Tenders received after the due date will not be accepted under any circumstances The schedule of opening of quotes is as follows and at the following Venue:

	<b>Date</b>	<b>Time</b>
<b>Technical part Opening in the presence of intending Tenderers at BSIP, LUCKNOW</b>	<b>08.08.2022</b>	<b>15.00 hrs</b>

# **BIRBAL SAHNI INSTITUTE OF PALAEOSCIENCES**

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## **Tender No. BSIP/TENDER/STORES & PURCHASE SECTION/2022-23/01 Tender Notice**

Director, Birbal Sahni Institute of Palaeosciences, Lucknow- 226 007(India) invites 3 tenders ( Parts-I Technical Bid, Part-II Commercial Bid) in separate sealed covers from (i) either manufacturer or (ii) an authorized agent for the equipment/item under two bid system.

### **Supply of Scientific Equipments with accessories as are under:**

1. Fully automatic isoperibol bomb calorimeter (02 Nos.)
2. Thermo gravimetric analyzer (TGA)- (02 Nos.)
3. CHNS-O Analyser (01 No.)

**AT**

## **BIRBAL SAHNI INSTITUTE OF PALAEOSCIENCES, LUCKNOW**

(An Autonomous Institute under Department of Science & Technology, Government of India)

**53, University Road, Lucknow -226 007**

Tender documents can be downloaded from Institute web site <http://www.bsip.res.in>. The bidder has to submit the **tender document fee of Rs.5,000/- ( Rs. Five Thousand only) +18% GST** in the form of DD drawn in favour of Director, BSIP, Lucknow payable at Lucknow(UP) with Technical Bid-Part I.

**Date of Issue of Tender Document** : **04.07.2022**  
**Pre-Bid Meeting (item No1-3 of Annexure I)** : **19.07.2022 at 11.00 hrs**  
**Last Date of receipt of Tender** : **04.08.2022 upto 12:30 hrs.**  
**Opening of Tenders (Technical Bid only)** : **08.08.2022 at 15:00 hrs.**  
**Venue of Pre-Bid Meeting - BIRBAL SAHNI INSTITUTE OF PALAEOSCIENCES, 53, UNIVERSITY ROAD, LUCKNOW-226 007.**

The Institute reserves the right to reject any or all tenders without assigning any reason therefore.

**Registrar**  
**Birbal Sahni Institute of Palaeosciences**

**BIRBAL SAHNI INSTITUTE OF PALAEOSCIENCES**  
(An Autonomous Institute under Department of Science & Technology, Government of India)

**53, UNIVERSITY ROAD, LUCKNOW – 226007**  
**Tel: 91-522-2742903, Fax: 91-522-2740098**  
**E-mail: [registrar@bsip.res.in](mailto:registrar@bsip.res.in)**  
**Website: [www.bsip.res.in](http://www.bsip.res.in)**

**DETAILS OF TENDER AND TENDER NOTICE**

Tender in sealed cover is invited by Director, BSIP from manufacturers or authorized agents **for the Scientific Equipment's with accessories for the use of the Institute.** Details of the equipment, number of units, their specifications, are given in **Annexure I** of this the tender document.

The tender document can be downloaded from the websites of BSIP at **www.bsip.res.in** One tender document is adequate even if bids are submitted for more than one item. Tender documents are available: From **04.07.2022 at 03.00 pm to 04.08.2022 at 12.30 PM.** LAST DATE FOR SUBMISSION OF DULY FILLED UP SEALED TENDER AT BSIP, LUCKNOW is **04.08.2022 up to 12.30 pm.**

A pre-bid meeting would be held at BSIP, LUCKNOW at 11:00 hrs on 19.07.2022. Maximum of 03 authorized representatives of each bidder will be allowed to attend the Pre-Bid meeting. The date of Opening the Technical Bid will be i.e. **08.08.2022 at 3:00PM.** BSIP, LUCKNOW reserves the right to accept or reject any or all the bids either in full or any part at its discretion without assigning any reason thereof.

Address for Communication: **BIRBAL SAHNI INSTITUTE OF PALAEOSCIENCES, 53, UNIVERSITY ROAD, LUCKNOW – 226 007, Tel.: 91-522-2742903 Fax 91-522-2740098.**

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# **BIRBAL SAHNI INSTITUTE OF PALAEOSCIENCES**

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**Website: [www.bsip.res.in](http://www.bsip.res.in)**

## **TERMS AND CONDITIONS – GENERAL**

1. Tender documents shall be issued by BSIP at LUCKNOW to manufacturers / authorized agents.  
**The tender document fee of Rs 5000/- +18%GST (non-refundable) should be separately enclosed with the technical bid and be submitted on or before the closing date.**

**Separate Tender documents should be required for each item along with separate Tender fee.**

2. Modifications, if any, made in the above documents will be done by addenda / corrigenda, copies of which will be sent in duplicate to each bidder before the due date of the tender. One copy should be signed, sealed and submitted along with the technical bids. The bidder shall not make any additions/deletions to or amend the text of the documents except in so far as may be necessary to comply with any addenda/corrigenda issued. **The bidders shall use only tender documents as issued for submitting his bid and shall comply with various terms and conditions.**
3. All pages of tender documents shall be signed by the person authorized to file the tender.
4. The full name of the person authorized to file the tender, designation, current and main office address, Phone No., Fax No. & E-mail address shall be indicated in the tender.
5. Tenders sent through E-mail, Fax and Telex will not be entertained.
6. The tender should be filled in and submitted in English. All accompanying literature and correspondence shall also be in English.
7. No claim for costs, charges, expenses incurred by the bidder in connection with preparation of tender submission and for subsequent clarifications of their tender shall be accepted.
8. BSIP will not be responsible for any typographical errors/ambiguity/ additions /omissions committed by the bidder while filling up of the tender.

9. **Earnest Money Deposit and Performance Bank Guarantee : 3-% & 3%**

- (i) Tender must be accompanied by Earnest Money Deposit (EMD) as indicated in Annexure-I for each item being supplied in the form of DD/BG in favour of **Director, BSIP**, payable at **LUCKNOW**. EMD shall be paid in **Indian currency only**. In case of receipt of EMD in Indian currency from abroad, same shall be refunded in Indian currency only. BSIP will not be responsible for refunding the EMD in foreign currency.
- (ii) The bids are to be submitted in two sealed envelopes. **Technical Bid (Envelope I)** shall contain Earnest Money Deposit (EMD), prequalification documents, tender conditions and contract form duly signed by authorized person or persons as a token of acceptance of terms and conditions of supply and work qualification as per **Annexure VI**. **Financial Bid (Envelope II)** shall contain price schedule of quantity.
- (iii) The EMD deposit by the successful bidders shall be held back towards the security deposit and will be refunded after six month of successful installation of the equipment/machine at site or completion of warranty period.
- (iv) The EMD of the unsuccessful bidder will be returned within one month from the date of award of the contract.
- (v) The E.M.D. is payable by all categories of tenderers and exemption from submission of E.M.D. is permissible subject to submission of Valid exemption certificate.

**EMD submitted in the form of Fixed Deposits will not be accepted.**

- 10. Technical Compliance statement for the tendered item is a pre-requisite qualification for participation in tender process. Therefore the same must be submitted with the technical part. **Any falsification / suppression of facts in the compliance statement would lead to the rejection of the quote, along with forfeiture of the E.M.D.** Corresponding to each technical specification in the compliance statement, relevant serial no. / page no. /line no. Etc., in the data sheet should be indicated separately. Incomplete compliance statement may lead to rejection of the quote.
- 11. The bidder shall be deemed to have full knowledge of documents and no extra charges consequent on any misunderstanding or otherwise shall be allowed.
- 12. Any question regarding the tender document and discrepancies shall be directed to the Tender Issuing Authority in writing minimum 3 days prior to the due date of submission of tender. The Tender Issuing Authority will issue all clarifications interpretations, meanings and specific directions, if any, in duplicate in writing to all the bidders. **One copy of these shall be returned duly signed and seal affixed along with the bids.**
- 13. The bidder shall be deemed to have satisfied himself before tendering as to the Correctness and sufficiency of his tender and about the rates quoted by him and cover all his obligations under the tender.

14. The tender shall be filled in English with a neat hand / type and all the figures and words shall be legible.

15. Bids submitted by manufacturers and authorized agents only shall be considered.

**16. Authority of signing**

- I. If the tender is submitted by an individual, it shall be signed by him.
- II. If the tender is submitted by a proprietary firm, it shall be signed by the proprietor.
- III. If the tender is submitted by a partnership firm, it shall be signed by all the partners of the firm or by a partner holding the power of attorney for the firm for signing the tender, in which case, a certified copy of power of attorney shall accompany the technical bid.
- IV. If the tender is submitted by a limited company or a corporation, it shall be signed by a duly authorized person or the person holding the power of attorney for signing the tender, in which case a certified copy of the power of attorney shall accompany the technical bid.

**17. Financial Bid :**

The rates shall be written both in words and in figures. The bidder shall also show the amount of each item, the total of each section and the grand total of the whole tender.

Correction, if any, shall be made by crossing out, initialling with date and rewriting. In case of conflict between the figures and words in the rates, the latter shall prevail.

The tenders shall be verified by the bidder for accuracy in the arithmetical calculations, prior to submission.

- a) Total cost of the main equipment and accessories (imported/indigenous), required for the functioning of the equipment, including the test control system, printer, packing & forwarding etc., duly filled and signed **in the format prescribed in the tender document at Annexure – II**. No money other than the total indicated above will be payable on any account.
- b) Annual Preventive Maintenance charges for the next 3 years, after the expiry of the warranty period, in the format prescribed in the tender document at

**Annexure – II.**

- c) The pre installation requirement should be mentioned in the bid.

**18. Technical details shall contain:**

- Original Tender document **duly signed** by the authorised person on all pages.
- Compliance to technical specifications of the equipment/item for which bids are submitted – Authorized person to indicate the **compliance of technical specifications in the respective pages** of the tender document and sign the same.
- **Compliance to the terms and conditions** of the tender document – Authorized person to specify, **“All the above terms and conditions will be complied with”** and signed in respective pages of the tender documents, where “terms and conditions” are given.



- Adherence to the stipulated **delivery schedule** of the equipment/item – Authorized person to specify “delivery schedule given above will be complied with” and signed in respective pages of the tender documents, where “delivery schedule of each of the items” is as given in **Annexure III**.
- **Proof that the bidder** is (i) either manufacturer or (ii) an authorized agent for the equipment/item for which the bid is submitted.
- List of organizations in India and abroad, along with Contact Person, address, Tel. No., Fax No. Etc., to which **similar make/model** of the equipment were supplied.
- Compliance that the bidder has manufactured or supplied the equipment during the past 2 years and **performance report from at least 2 such users** for the past 2 years.
- Covering letter, in the letter head of the bidder stating:
  - a. That the minimum **warranty period of three years**.
  - b. That the bid **conforms to the terms and conditions** of the tender
  - c. Confirmation about the **supply of Certified Reference Materials/Samples** for checking the performance of the testing equipments, wherever applicable.
  - d. Confirmation that the quoted rates are valid till 31-03-2023.
  - e. The details regarding the service centers, stocking of spares etc.,
- Addenda / corrigenda /clarification issued by BSIP before due date of tender, duly signed by the authorized person.
- Descriptive leaflet/brochure giving the technical details of the equipments.
- A letter indicating assumptions, criterion, technical alternative etc., if any. However, the alternatives suggested by the bidder would not be taken as the basis for technical/commercial evaluation of the bids.
- The probable life expectancy of the equipments under normal conditions of operation should be stated wherever applicable.
- Details of pre-installation requirements including space, size of the table required, power point ampere, etc.
- Power of attorney authorizing the person who has filed the tender, if applicable.
- A copy of the certificate for the calibration of the similar makes and model equipment for which bid is submitted from an accredited calibration laboratory or National Physical Laboratory, wherever applicable.

**Technical Bid Evaluation Criteria:**

- Quotation submitted by the bidders shall be valid for 120 days from the date of opening of tender.
- The tender job will be awarded on overall L1 basis, not on individual item basis.
- L1 will be decided on the basis on total of quoted rates of the all items and applicable taxes etc.
- In case of tie between the bidders, the decision of the BSIP, Lucknow/ Committee will be final and binding on all the bidders.
- Bidders are requested to quote their prices in given format only and no other terms and conditions should be mentioned in financial bid.

**19. Opening of tender**

The tender shall be opened by a Committee constituted by the Director, BSIP at LUCKNOW at the time, date and venue as given in the “Tender Notice”.

## **20. Agreement**

The successful bidder shall sign an Undertaking on letter head as per the format prescribed in **Annexure-V** before releasing of the Purchase order by BSIP. A copy of The Purchase order once received should be returned as a token of acceptance of the terms and conditions of the Purchase Order.

## **21. Criterion for rejection**

- BSIP reserves the right to accept or reject any tender or reject all tenders without giving any reasons whatsoever for their decision.
- Tenders are liable to be rejected in which any of the prescribed particulars / information is either missing or incomplete in any respect and/or if the prescribed conditions are not fulfilled.
- Tenders which are found to be technically non – responsive shall be rejected and their commercial details shall not be considered.
- Canvassing in connection with tender is strictly prohibited and tender submitted by bidder who resorts to canvassing will be liable to rejection.
- Tenders containing specific conditions of the bidder other than the terms and conditions given in the tender document and not acceptable to BSIP are liable to be rejected.
- If the validity of the tender is not up to **31.03.2023** the tender will be rejected.
- If the tender document duly signed by the authorized person on all pages is not submitted, the tender will be rejected.
- BSIP caters to wide range of customers / stakeholders including the manufacturers/exporters. Hence, Purchase Committee may at its discretion give preferences to more popular brands of equipments, which give results that, are widely accepted internationally by buyers abroad and the decision of the Committee will be final.
- Before submission of the tender, the prospective bidders are expected to examine technical specifications of the equipments required, terms and conditions, etc., given in this tender document. Failure to furnish all information required in the tender document may result in the rejection of the bid.
- BSIP reserves the right to cancel items, from the list of requirement of equipments without assigning any reason thereof.

## **TERMS AND CONDITIONS – SPECIAL**

- (i) Tender offer must refer to the letter/Notice inviting the Tender. The bid should be in sealed envelope and super scribed with “....., Tender for Supply of .....
- (ii) The bid submitted must not contain any ambiguity. Any such ambiguity in the quote submitted shall make it liable for rejection.
- (iii) The tender document is not transferable.
- (iv) No amendment to the bid in any form by the bidder will be permitted after opening of the tender. No conditional offers shall be accepted.
- (v) Submission of bid will bind the bidder to the acceptance of all conditions specified in the tender document. Canvassing in any form is for bidden and will be a criterion for disqualification.

### **EMD (Earnest Money Deposit): 3% or Bid security declaration certificate**

- i. The earnest money deposit (EMD) 3 % shall be submitted in Indian currency only. The bid security should remain valid for a period of 45 days beyond the final bid validity period.
- ii. The EMD will be forfeited if the bidder withdraws his offer before finalization of the tender.
- iii. The EMD of successful bidder will be returned after the submission of Performance Security or adjusted with the PBG.

### **Performance Security: 3%**

- i. The successful bidder will provide “Performance Security” for an amount of 3 % of the contract value in the form of valid Account payee Demand Draft/ FDR from any of the scheduled bank favouring “BIRBAL SAHNI INSTITUTE OF PALAEOSCIENCES, LUCKNOW.
- ii. Performance security should remain valid at least for a period of 60 days beyond the date of completion of all contractual obligations of supplier (Total Period of FDR/Demand Draft – Warranty Period plus 60 days). Thereafter the security will be returned, provided there is no defect in the equipment supplied.
- iii. **Bid Validity:** The bid must be valid for 120 days from the date of opening of Technical Bid.
- iv. **Price bid submission:** In the prescribed format defined in the tender document.

**Financial Bid Evaluation Criteria:**

The order will be awarded to the vendor, who fulfils all the technical specifications & conditions mentioned in the tender document for Technical Bid and whose rate is L1 in grand total in Financial Bid. Evaluation of Lowest bid will be calculated on the total price of all items tendered along with accessories, packing & forwarding, Installation & Commissioning, GST and other charges etc. As mentioned in the tender (Bidder must submit the technical bid & financial bid separately).

**Special Instructions:**

BSIP, Lucknow shall provide GST exemption certificate on request by the bidder.

**Payment terms:**

90% payment will be released after successful supply of items at site (CIF/CIP). (In case of Foreign payments LC will be opened as per rule) Principal supplier

10% will be released after successful installation of items at site and submission of Original GST bill certified by the Indenter, BSIP, Lucknow

**Part Shipment not allowed: Part Shipment will NOT be allowed.**

**Printed Conditions of the Company – Not Acceptable to the Institute:**

- i. BSIP does not accept the printed conditions of any Tenderer. It will be ignored without any reference; hence tenderers should withdraw such printed conditions if they have any. BSIP shall accept only unconditional tender.
- ii. Technical Deviations are sole discretion of BSIP for consideration:
- iii. If technical deviations furnished by the Tenderer are not agreeable to BSIP, the offers may be ignored. However it will be solely at discretion of BSIP to consider the technical deviations OR not for considering the Tenderer. No correspondences of the Tenderer will be entertained in this matter.

**Price Validity:** The price quoted by the bidder shall remain valid till the supply is completed. During the tenure of the supply period, no price increase will be considered, except for change in statutory levies imposed by Centre Govt. / state Govt. Or Local authorities.

**Warranty:** As specified in the Technical Specification.

**Bid Acceptance and Rejection:**

- i. BSIP reserves the right to reject the bid without assigning any reason whatsoever.
- ii. BSIP does not bind itself to accept the lowest or any quotation and reserves the right to reject any or all without assigning any reason.

**Late Receipt of Bids:** No bids will be accepted or considered after the due date and time.

**Liquidity Damage Clause:** BSIP, Lucknow reserves the right to levy penalty @ of 0.5 % of order value per week of delay in supply and /or installation, beyond the schedule as mentioned in this tender document subject to maximum of 5% of the order value. BSIP, Lucknow reserves the right to cancel the order in case the delay is more than 04 weeks. The conditions arising out of Force Majeure will not be considered for the purpose of calculating penalties.

**Withdrawal of Tender:** The Institute reserves the right to withdraw the tender at any stage of tendering process with the approval of the Competent Authority.

**Force Majeure:** BSIP, Lucknow may consider relaxing the penalty and delivery requirements, as specified in this document, if and to the extent that, the delay in performance or other failure to perform its obligations under the contract is the result of a Force Majeure. Force Majeure is defined as an event of effect that cannot reasonably be anticipated such as acts of God (like earthquakes, floods, storms etc.), acts of states/ state agencies, the direct and indirect consequences of wars (declared or undeclared), hostilities, national emergencies, civil commotion and strikes at successful Bidder's premises or any other act beyond control of the bidder.

**Arbitration:** All disputes/claims of any kind arising out of supply, commissioning, acceptance, warranty maintenance etc. Under this Contract, shall be referred by either party (BSIP, Lucknow or the bidder) after issuance of 30 days' notice in writing to the party clearly mentioning the nature of dispute to the Sole Arbitrator appointed by BSIP, Lucknow. The arbitration proceedings shall be conducting in English and as per the provisions of Indian Arbitration and Conciliation Act, 1996. The decision of the Arbitrator shall be final and binding on both the parties.

**Jurisdiction:** The disputes, legal matters, court matters, if any shall be subject to Lucknow jurisdiction only.

- A bid submitted with false information will not only be rejected but the vendor may also be debarred for participation in future tendering processes.
- Authorized representative may choose to be present at the time of opening of tender at their own cost.
- Only one PRICE BID should be submitted for the above equipment. A bidder, who submits more than one PRICE BID, shall be disqualified and considered non-responsive.
- Cost details are to be filled up in the prescribed format as given at Annexure – II for all the equipment's as applicable to imported /indigenous indicating therein total CIF charges.
- All accessories start-up kit required for installation & commissioning the main equipment's are to be specified and quoted.
- For indigenous items, the bidder should take responsibility for delivering the equipments inside the premises of the respective BSIP at Lucknow and its Associate partners as mentioned in the Purchase Order.
- The suppliers of the equipment should provide adequate training for at least 2 technical personnel of the laboratory per equipment including trouble shooting etc., and making them confident of operating the equipment independently.
- The bidder shall adhere to the delivery period of the equipment/item as committed by him as indicated in Annexure III of the tender document, whichever is earlier. Penalty for non-execution of the order within the delivery period shall be 1% of the cost of the equipment/item for every week of delay.
- The delivery installation & commissioning period of the equipments as agreed to should not be extended; under normal conditions. Suitable penalty for non-execution of the order may be enforced to the extent of 1% of the cost of equipment for every week extended. In case of the delay beyond scheduled period due to some unforeseen reason, written permission is required from the Director, Birbal Sahni Institute of Palaeosciences, Lucknow with proper justification to avoid penalty.
- The bidder shall give warranty for at least one year in respect of items quoted.
- During the warranty period, regular servicing/maintenance should be undertaken free of charge, including replacement of defective parts/travel cost, etc. Subsequently, servicing/maintenance should be undertaken by the authorized agency of the manufacturer/supplier as per the annual maintenance contract conditions.

- Operation manuals, calibration procedures and other instruction manuals should be provided along with each of the equipment.
- The bidder shall also mention the probable life expectancy of the equipments under normal conditions of operation should be stated wherever applicable
- Terms for service contract (comprehensive or non-comprehensive) after the expiry of warranty period are to be included.
- The Test Control Systems like computer and printer, compatible to the main equipment, are to be supplied indigenously with latest configuration and licensed operating system.
- If the equipment/item is not manufactured by the bidder, authorization of the manufacturer to the bidder for marketing and servicing the equipments in India should be enclosed along with the technical bid of the tender. In the absence of such authorization, the tender will not be considered at all.
- In case of short supply or wrong supply of equipments, its parts or accessories or supply of items in damaged conditions, it is the responsibility of the bidder to arrange for the supply of the required items in working condition as per the purchase order, within a reasonable time. Any additional expenditure, whatsoever, for the above will be borne by the bidder only.
- The specifications given in this document are the minimum requirement. The bidders are free to offer equipments with better features also. However, the evaluation shall be based on the features mentioned in the tender document. If different model are quoted, the cost details may be given in separate sheet
- Orders for the supply of items, once placed with successful bidder is non transferable and no sub-contracting is permitted. BSIP, Lucknow reserves the right to cancel the order in such event.
- Any non-fulfillment of the stipulation given above will make the bid invalid.
- The full payment will be released to the bidders only after completion of satisfactory performance check of the equipment.
- In case of computer related equipment, the bidders have to quote for indigenously computer only instead of imported computers, if any.
- The bids shall first be evaluated for their “technical responsiveness” which shall inter-alia include,
  - Proof that the bidder is (i) either manufacturer or (ii) an authorized agent for the equipment/item for which the bid is submitted,
  - Compliance to technical specifications of the equipment’s for which the bid is submitted,
  - Adherence to the warranty period,
  - Documents in support of compliance to the calibration of the equipment and its traceability to national/international standards of measurement and proven performance through proficiency testing, wherever such requirement is specified,

- Necessary documentary proof that the bidder has manufactured or supplied the equipment during the past 2 years along with the list of such customers and performance report of the equipment from at least 2 such customers/users for the past 2 years,

**Details regarding the service centres, stocking of spares etc.**

- Confirmation about the supply of Certified Reference Materials/Samples for checking the performance of the testing equipments, wherever applicable. Compliance to all other relevant and critical terms and conditions of the tender Validity of the tender up to 31.03.2023.
- If any of the above mentioned parameters are not fulfilled, the bid will be considered as technically non-responsive.
- The commercial details of those bidders who are technically responsive only shall be evaluated based on the following criterion:
  - Total price of the equipment as CIP / CIF for imported items.
  - Total price of the indigenous items should include delivery charges up to the location at BSIP, Lucknow, India.
- AMC charges for three years after the expiry of the warranty period.

**ELIGIBILITY AND QUALIFICATION CRITERIA**

The following documents should be submitted for eligibility and qualification in technical bid-

Sl.No	Description
	EMD Clause -
1	Technical Specification Compliance Statement –(On the letter head of the Company) – Annexure -1
2	Manufacturer’s Authorization Form – In defined format OR Self Declaration of Manufacturing Unit – Annexure – 2
3	Price Reasonability Certificate – In defined format (On the letter head of the Company)- Annexure – 3



4	Declaration Certificate (Acceptance of terms & conditions of the tender) – In defined format (On the letter head of the Company) – Annexure – 4 and Declaration Sheet as per Annexure – 4.
5	As on date of submission of the proposal, the Bidder is neither blacklisted by Central Government/ State Government or Instrumentalities thereof nor is any criminal case against the Bidder/ its Partners/ Directors/ Agents pending before any court of law. Non-Blacklisting Certificate on Rs.100.00 non-Judicial Stamp Paper – In defined format – Annexure – 5
6	Copy of Firm Registration
7	Copy of PAN Card & GST No.
8	Experience certificate for 3 years in dealing of said goods must be attached with the tender document.
9	Last three years CA certified turnover certificate (Average Turnover of last three years )

**DETAILS OF ANNEXURE**

**List of equipment's to be procured**

Item No.	Particular of Items	Qty.	EMD in DD/ BG/ BC	Performance Security
1	Fully automatic isoperibol bomb calorimeter	2	3% or Bid security declaration certificate	3%
2	Thermo gravimetric analyzer (TGA)	2	3% or Bid security declaration certificate	3%
3	CHNS-O Analyser	1	3% or Bid security declaration certificate	3%

## COMPLIANCE STATEMENT TO SPECIFICATIONS OF EQUIPMENTS

(Compliance with specification column is to be filled up by the bidder stating “YES/NO” as the case may be)

### 1. Technical Specification of Fully Automatic Bomb Calorimeter

1. Type / Method: True Isoperibol.
2. Instrument: Automatic microprocessor controlled calorimeter, with automatic oxygen filling, bucket filling, bomb washing, as well automated vessel fill and rinse.
3. Safety lock system for bomb: The lid should automatically lock electronically when the instrument is in operation mode.
4. Thick walled, acid resistant combustion vessel made of high strength material with proper insulation arrangement and capable of withstanding high pressure. Combustion vessel should be hydrostatically tested to 3000 PSI and comply with ASTM E144.
5. Measurement Range: Instrument should analyze a one gram sample with gross calorific values from 6,000 to 15,000 BTU/lb with a resolution of 1 BTU/lb.
6. Precision:  $\leq 0.1$  % RSD.
7. Resolution : 1 BTU/lb
8. Analysis Mode: Equilibrium mode / Dynamic mode.
9. Analysis time:  $\leq 8$  minutes in Isoperibol Method.
10. Operator time per test: ONE MINUTE.
11. Tests per hour: 6 to 8 tests.
12. Temperature Measuring Resolution:  $0.0001^{\circ}\text{C}$
13. Oxygen filling and Venting should be Automatic.
14. Water filling in to the Bucket as well as in to the Jacket should be Automatic.
15. Water draining after completion of analysis should be Automatic.
16. Bomb & Bucket: Fixed Type
17. Bomb washing: Fully Automatic
18. Jacket Type : Water Jacket with facility to maintain / control the jacket temperature with an accuracy of  $\pm 0.1^{\circ}\text{C}$  to meet the ASTM / BIS Standards.
19. Display: Graphical display with touch screen. Should have option to operate through PC.
20. Correction: Spiking, Ash/ Nitrogen or Acid, Fuse wire, Sulphur, moisture, hydrogen and net heat of combustion.
21. Diagnostic mode: Diagnostic mode should be available for automatic report generation and message display for pretesting cycle, bomb leak, poor bucket stirring, lid not etc. for easy diagnosis

22. Water handling System: Bomb Calorimeter should have inbuilt closed loop Water Handling system to re-circulate the water and to stabilize the instrument quickly.
23. Memory Capacity: Calorimeter should have minimum 1,000 tests results or more, datalogging for jacket and bucket temperature
24. Printer/ Balance / Computer Connection: RS 232 Interface, USB, Ethernet.
25. Sample Crucible Capacity: 0.5 gm – 1.5 gm.
26. Sample Crucible: Metal crucibles with Ni-Cr Alloy/SS
27. Standard test methods compliance: ASTM D 5865, ASTM D 240, ASTM D 4809, ASTM D 5468, ASTM E711, ISO 1928, AS1038.5, BS1016, DIN 51 900, JIS M 8814 etc.,
28. Certification: Instrument should have CE certification and vessels should have national/international certification.
29. Power requirement: 230 VAC +/- 10 %, 50/60 HZ As per Indian condition.
30. Reporting options: The value of GCV should be reportable in Kcal/100gm, Cal/gm, MJ/kg and BTU/lb.
31. Oxygen bomb: The oxygen combustion bomb should make with special stabilized stainless steel to resist the mixed nitric acid and Sulphuric acid produced in combustion.It should have PED Certification.

**Local supplies and spares**

- a) Standard accessories: Gelatin capsules, Pelletpress.
- b) Computer specifications: Intel i5 Processor, 4 GB RAM, 500GB HDD, USB ports, 19" LED Monitor, Key board, Mouse, Windows 10 OS, Microsoft office, with all instrument software and printer.
- c) UPS- 10 KVA
- d) Compatible analytical balance should be provided.
- e) Gas cylinders- Oxygen & Nitrogen (99.9%) with suitable regulator and filters.
- f) Previous installations: At least 10 successful installations in coal analysis facility of the quoted model and has to submit performance certificate for the quoted model for minimum one year of operation from user of reputed PSU/Govt./Private Company.
- g) Warranty: Comprehensive Warranty for 36 months from date of commissioning
- h) Service support-Local on call availability
- i) Accessories: Consumables, spares and Standards for at least 5000 Samples

## **2. Technical Specification of Thermo Gravimetric Analyzer (TGA)**

- 1) Fully automatic Microprocessor Based Thermo gravimetric analyzer with window-based system configurable for individual operators. Instrument should have dual Carousel system (One for Crucible and one for Cover) for automatic placing and lifting of crucible covers.
- 2) Thermo gravimetric analyzer (TGA) is for coal and biomass samples testing for determining of Moisture, Ash, and Volatile Matter content.
- 3) The instrument should meet the requirements of standard ASTM D- 7582-15, BIS & ISO standards for coal and coke or latest amended versions.
- 4) The instrument should have the capability to analyse at least 19 samples +01 reference simultaneously with no limit on the minimum number of samples to be loaded.
- 5) The system should automatically monitor and calculate weight loss for moisture, volatile matter, and ash, loss on ignition (LOI), or fixed carbon in the range exceeding 0% to a total weight loss of 100%.
- 6) The instrument must incorporate integrated balance should be in-built, top loading with auto calibration facility and a sensitivity of + / -0.0001 gm.
- 7) The balance should be shielded and protected for any interference from other internal components adapted for high temperature.
- 8) Weighing Range of Integrated balance is 10 mg-220 gm or more and Readability of balance shall be (Min.) 0.0001 gm
- 9) Sample feed Size: 50 mg to 10 gm.
- 10) Instrument precision: Instrument must perform a standard weight-loss for an inert sample with a precision of < 0.02% standard deviation. This test should be performed at various temperatures, flow rates, and atmospheres.
- 11) Crucible Type: Ceramic
- 12) Furnace Temperature Range: Up to 1000 °C.
- 13) Temperature Control: User Selectable.
- 14) Built in diagnostic facility.
- 15) Operating Temperature: Up to 25 deg C.
- 16) Facility for automatic lifting of carousels at a pre-defined temperature and atmosphere.
- 17) Programmable Ramp time & hold time shall be clearly defined for optimum coal standard analysis.
- 18) Process Control System: Default / User defined programs/ as per optimum coal standard analysis
- 19) Gas Requirement: Should run with standard 99.9% Oxygen, Nitrogen & compressed Air (99.5%, moisture free). Drier Unit for all gases to be provided with the instrument for moisture free gas.
- 20) Gas Flow Rate: The rate of gas or atmosphere flow should be user select able (01-10L/Min)
- 21) Exhaust / Ducting facility: Exhaust tube / standard ducting facility.
- 22) Furnace Temperature Stability / resolution (Furnace Power Rating): - + / - 2 °C or better.

- 23) Instrument must provide a dedicated over temperature protection thermocouple for safety protection.
- 24) The system must provide temperature reading of location of the crucible.
- 25) Atmosphere: Both Oxidizing & Inert atmosphere with Facility for automatic change from one atmosphere to another. Also, facility to change over from one atmosphere to another as per requirement should be there.
- 26) Ducting facility: Vent pipe (5-10 M) will be connected to ext. blower & routed through an opening in the wall.
- 27). Carousel movements should be both Clockwise & Anticlockwise. The carousel should be come with minimum 5 years of replacement guarantee.
- 28) Memory & data Storage facility: Inbuilt programmable memory for storage of analytical data & methods.
- 29) User Login & password Facility: Ability to protect methods, results, and Data. Export and import of data to & from LIMS.
- 30) Data Output & Interfaces: USB ports/ Ethernet to Printer, printer facility user friendly operating system MS WINDOWS latest Version compatible with the latest version of Instrument Software. Built in operational program to perform all calculations as well as control heating temperature, atmosphere, duration and heating rate should be available with the instrument. Programmable memory for the storage of analytical methods and results should be provided with built in PC interface.
- 31) Instrument Software support along with up gradation for one year.
- 32) Extensive Diagnostic Function: Instrument must have facility for Extensive Diagnostic Function for problem investigation.
- 33) Supplier must give declaration for availability of spares in case of obsolesces of the equipment.
- 34) Power: 230 +/-10V AC, 50 Hz, and Single-phase A/C.
- 35) All the Technical Specification mentioned above must be supported with documentary evidence (like Brochure) from OEM.
- 36) Party should have at least 10 successful installations in coal analysis facility of the quoted model and has to submit performance certificate for the quoted model for minimum one year of operation from user of reputed PSU/Govt./Private Company.
- 37) Performance of the instrument should be proven at the time of Installation with Calcium Oxalate.

**Local supplies and spares**

- a) Desktop PC with Monitor, Printer & all accessories: 01 SET (With i5 Processor, 4GB RAM or better, 500 GB HDD or better, USB Slot, DVD writer, with Window7 or better OS; 19" LCD Monitor; B/W Laser printer (HP P 1108 or equiv.), licensed version of latest MS office, Key board & Mouse.
- b) NOTE: -PC Configuration should be latest which will be compatible with the latest Version of Instrument software.
- c) Air Compressor (Dry, oil free, minimum 4-7 kg/cm<sup>2</sup>, 20 l capacity) with moisture Trap: 01 No.
- d) Double Stage Pressure Regulator for Oxygen: 01 Nos.
- e) Double Stage Pressure Regulator for Nitrogen: 01 Nos.

- f) Double Stage Pressure Regulator for Air: 01 Nos.
- g) Moisture filter set; one each for N<sub>2</sub>, O<sub>2</sub> & Air: 03 Nos.
- h) 8 KVA Servo Voltage Stabilizer: 01 No.
- i) UPS of suitable rating with minimum power back up of 03hours: 01 No
- j) Total Nos. of crucibles with lid: 40 Nos. (20+20)
- k) External Blower, Cables & Accessories: As required.
- l) Coal standards with proper trace ability and certificate of uncertainty (300 Gm each): 03 Nos. (Each with different Ash & VM content)
- m) Dust Cover: 01 No.
- n) Operation and Maintenance Manual: 02 Nos.
- o) Oxygen gas cylinders 1Nos. (With purity certificate and proper traceability).
- p) Nitrogen gas Cylinders 1 Nos. (With purity certificate and proper traceability).
- q) The total package-instrument with all necessary accessories (Compressor, Exhaust vent hood, Gas Cylinders, connecting conduits) with sufficient spares must be supplied in ready to use condition. All the remaining accessories, spares, tool kits other than mentioned above which are required for normal functioning of equipment and analysis of at least 5000 samples shall be supplied along with main equipment.
- r) Instrument should have a comprehensive Warranty for 36 months from date of commissioning.
- s) Local on call availability of service support.

### 3. CHNS-O Analyser Specifications

Fully Automatic Computer controlled rapid determination of Carbon, Hydrogen, Nitrogen, Sulphur and Oxygen Analysis in diversified Food matrices.

Flash Combustion design with oxidation & reduction process (Double Furnace) with Chromatographic separation by column or equivalent system will be preferable.

#### **Furnace:**

- The system should have two totally Independent furnaces
- Facility should be there to use the same furnace for oxygen determination (by pyrolysis) & CHNS as per the application requirement.
- Facility should be there to use the same furnace for solid / liquid samples as per the application requirement.
- The Furnace should have warranty of 12 years under standard operating conditions

**Separation:** Suitable column or equivalent technique.

#### **Detectors:**

- Thermal Conductivity Detector.
- > 10 year warranty under standard operating conditions.

**Automation of Furnace:** Automated switchover (computer controlled) from the left channel (furnace) to the right channel (furnace) or vice-versa. No manual intervention should be needed.

#### **Autosampler:**

- Solid Samples: Autosampler with 30 or more samples capability
- Liquid Samples: Autosampler with 10 or more samples capability

Analysis range:

C = 0.01% to 100 %,

H = 0.01% to 100 %,

N= 0.01% to 100 %,

S = 0.01% to 100 %

O = 0.01% to 100 %



**Sample Size:**

0.1 Mg to 500 Mg or more depending upon sample nature. Provision for direct Injection of Liquid Samples for high sensitivity.

The system must be able to operate one or more elements such as N, C, H, S and O analysis in a single mode. Facility to upgrade to Isotopic Ratio mass Spectrometer for analysis of C H N & S Isotopes.

**Micro Balance:**

Mettler or Sartorius micro-balance capable of direct transferring the data to the analyser

Weighing Range: 1.2 g/3.1 g or more

Readability: 0.001 mg/.006 or better

Repeatability (nominal) (sd): 0.001 mg (1 g) / 0.006 mg (3 g)

**Local Supply:**

Branded Computer: i7, 1 TB Hard Disk, 16 GB RAM, Printer

Gas cylinders (47 litre capacity): Argon, Helium, Oxygen with applicable regulators

UPS of 10 KVA capacity with 30 Min back up.

**Consumables:**

Consumables needed for 1000 sample analyses should be included in the offer.

**FORMAT FOR COST DETAILS**

(Cost particulars should be given in this format Equipment wise/ accessories wise separately)

Note: All the cost particulars should be furnished either in Indian Rupees or Foreign Currency. If more than one model of the Equipment is quoted, use separate sheets

Part 1: Cost details of imported equipment's/instruments

Name of the Equipment:

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S.No.	Cost Details for foreign components	Cost with currency
i)	Total CIP / CIF Cost (with full detailed break- up) BSIP, Lucknow	
ii)	AMC details: - AMC rate/per year (comprehensive/non-comprehensive) for the next 3 years, after the expiry of warranty period including the accessories (Two preventive and one breakdown visits)	1 <sup>st</sup> Year: 2 <sup>nd</sup> Year: 3 <sup>rd</sup> Year:
	Total	
Delivery schedule of the equipment:-		_____months

Part 2: Cost details of Indigenous equipment's/instruments

Name of the Equipment:		
S.No.	Cost Details of indigenous items	Cost in Rs.
i)	Total Cost (with detailed break-up)	
ii)	AMC details (including the accessories):- (a) AMC rate comprehensive/non-comprehensive cost for the next 3 years, after the expiry of warranty period	1 <sup>st</sup> Year: 2 <sup>nd</sup> Year: 3 <sup>rd</sup> Year:
	Total	
Delivery schedule of the equipment:-		_____months

**DELIVERY SCHEDULE OF EQUIPMENT**

Sr. No	Equipment	Delivery Schedule from the date of acceptance of Purchase Order – maximum
1.	Indigenous equipment's	
2.	Imported equipment's	

**FORMAT TO BE FILLED UP AND SUBMITTED**

**IN THE LETTER HEAD OF THE BIDDER**

To,

**The DIRECTOR**

BIRBAL SAHNI INSTITUTE OF PALAEOSCIENCES  
53, UNIVERSITY ROAD,  
LUCKNOW – 226007

**Sub: Supply of equipments to BSIP at Lucknow.**

Dear Sir,

Having examined the conditions of Tender and Specifications of the equipments, we, the undersigned, offer to supply instruments /equipment as mentioned in the Annexure I as per the quantity and specifications given in the tender along with standard spares/accessories as specified.

The original tender document duly signed on all pages is enclosed.

We agree to abide by this tender for the period from the opening date fixed for receiving the same and it shall remain binding upon us for a mutually extended period agreed in writing by us.

If our tender is accepted, we undertake to supply the instruments/equipments and install the same in the BSIP premises as mentioned in the tender within the specified periods mentioned in Annexure III from receipt of the order from the BSIP, Lucknow in writing.

We agree to supply consumable spare parts and replacement of the broken/damaged/non-compatible parts during the guarantee / warrantee period, free of charge, as per the terms & conditions.

The probable life expectancy of the Equipments under normal conditions of operation should be stated wherever applicable.

We agree to train the personnel of laboratories free of charge, as per the terms and conditions.

If our tender is accepted we will, obtain and arrange:

**To sign an Undertaking on Rs. 100/- Stamp paper as per the format prescribed in Annexure V before releasing of the Purchase order by BSIP.**

Any other statutory obligation, if any, prior to commencement of supply of equipments.

We agree for the validity of our tender upto 31-03-2023.

We have used only tender documents as issued for submitting his bid and shall comply with various terms and conditions.

Unless and until a formal Agreement/order is prepared and issued, this tender together with your written acceptance thereof, shall constitute a binding contract between us and BSIP.

We understand that you are not bound to accept the lowest or any tender you may receive.

We agree to make a presentation of the products to be supplied by us, before the Committee if needed on a mutually convenient date.

Authorized Signatory

Signature dated

Designation / Capacity

Name

**Tender Reference No.: BSIP/TENDER/STORES & PURCHASE/2022-2023/01**

**Dated \_\_\_\_\_**

**UNDERTAKING / DECLARATION**

To,

**The DIRECTOR**

BIRBAL SAHNI INSTITUTE OF PALAEOSCIENCES

53, UNIVERSITY ROAD,

LUCKNOW – 226007

Dear Sir,

We, \_\_\_\_\_ (Bidder's Name & Address) undertake to supply the item \_\_\_\_\_ (Name of equipments) as per the detailed specification of Tender and honour the terms and conditions of the tender document.

We undertake to supply the equipment within the stipulated period of time and accept the penalty clause imposed by BSIP as per the terms and conditions of the Tender.

We undertake that during the warranty period, regular servicing/maintenance will be carried out as per the Warranty Clause.

We undertake to provide adequate training (normal operation, trouble shooting) to two technical personnel of the laboratory on the supplied equipment and making them confident of operating the equipment independently.

We agree that the full payment will be released to us only after completion of satisfactory installation, trial and training on the said equipments.

Dated at \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_ 2022.

Authorised Signatory

Signature

Name:

Designation:

Name & Address of the Company:

Seal of the Company:

(To be submitted by the bidder on `Rs. 100/- stamp paper)



**Annexure VI**

**Technical part & Commercial Part of the tender**

SL.No.	Technical part should contain
1.	Tender document Fee of Rs.5,000.00 + 18% GST Extra towards the Tender document.
2.	EMD of 5 % of the Total quoted price
3.	Technical quote giving the compliance details of execution of the work as per the requirement. Compliance to the Detailed scope of work
4.	Makes & Models of the standard items.
5.	Technical Compliance
6.	Commercial Compliance
7.	Blanked Commercial Part
8.	Scope of Warranty
9.	Cliental list
10.	Acceptance for submission of Bank Guarantee for 10% of the PO value for a period of one year from the date of acceptance of the item from BSIP, in the event the PO is placed.
11.	Documents related to Eligibility criteria of this document.

The commercial part should contain information on price quoted for equipment upto BSIP designated place, payment terms, delivery period, warranty/guarantee period and other relevant information as per below.

<i>SL.NO.</i>	Commercial part should contain
1.	Commercial quote containing the price information of the make & model quoted in the technical part exactly as per Bill of Materials. :  Supply of Equipments and Accessories as per enclosed specification on total TURNKEY BASIS.  b. The rates to be quoted as per Annexure - II
2.	Payment terms – Acceptance as per our Terms & Conditions - Special
3.	Delivery schedule – Supply, installation and training to be mentioned

**BANK GUARANTEE & PERFORMANCE BANK GUARANTEE**

THIS BANK GUARANTEE TOWARDS THE E.M.D SHOULD BE TYPED OUT ON RS.100/- NON-JUDICIAL STAMP PAPER GIVING FULL POSTAL ADDRESS OF THE BANK.

Guarantee No :

Amount :

Guarantee Cover From: To :

Last Date for

Lodgment of Claim :

The BIRBAL SAHNI INSTITUTE OF PALAEOSCIENCES, 53 UNIVERSITY ROAD, LUCKNOW - 226007 having floated a Tender for (Tender for \_\_\_\_\_) with Tender no. hereinafter

referred to as the tender, and M/s (name and address of the supplier)

having the intention of participating in the above mentioned, we, the

(banker's name and address) hereby irrevocably undertake and

guarantee to you that in the event of the award of the Contract to the

tenderer and subject to the failure of the Tenderer to perform any of the

following clauses, we undertake to fully compensate the Beneficiary to a

maximum amount of Rs. \_\_\_\_\_(Rupees

\_\_\_\_\_ (in words) as and when the same is

claimed from us in writing during the validity of the contract as per the terms and conditions of the tender contract.

If the tenderer fails to accept the contract with the terms and conditions of the contract.

If after the acceptance of the contract, the Tenderer fails to carry out the services in accordance with the terms and conditions of the contract.

If the tenderer withdraws the tender during the validity period.

If the tenderer fails to complete their services in accordance with the terms and conditions of the contract or if there is any unexcused delay on the tenderer's part which may warrant forfeiture of E.M.D. amount and or imposition of liquidated damages and or closure/termination of the contract for default.

We, the bank, abide by your Tender terms and conditions and we shall on demand and without demur, pay to you all and any sums upto a maximum of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_) being the E.M.D. furnished by the tenderer to you in the form of this bank guarantee.

We further agree that the Beneficiary shall be the sole judge as to whether the Tenderer has failed to perform as per the Tender terms and conditions duly specified by the Beneficiary.

We further hereby undertake to pay the amount due and payable under this guarantee without any demur merely on a demand in writing from the Beneficiary stating the amount claimed due by way of loss or damage. Any such demand made on the bank shall be conclusive and binding upon us as regards the amount. Lodgment of claim through Registered Post shall be conclusive evidence of claim made on us by the Beneficiary. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_). We further agree that the claim made on us shall be settled within a period of 30 days from the date of lodgment of claim by the beneficiary.

We agree that the guarantee herein contained shall remain in full force and effect for a period of 6 months (six months). Unless a demand is made on us in writing within one month from the date of expiry of six months, we shall be discharged from all liability under this guarantee.

We further agree that any change in the constitution of the bank or the tenderer shall not affect our liability under this guarantee.

We further agree that the Beneficiary shall have the fullest liberty without in any way affecting our liability under this guarantee alter any or all of the terms and conditions of the tender.

Notwithstanding anything contained herein before our liability under this guarantee is restricted to Rs.\_\_\_\_\_ (Rupees\_\_\_\_\_).

This guarantee shall remain in force upto a maximum of six months (6 months). Unless a demand in writing is made on or before \_\_\_\_\_ (one month from the date of expiry of six months (date) all your rights under this guarantee shall be forfeited and we shall be relieved and discharged from all liabilities under this guarantee.

We lastly undertake not to revoke this guarantee during the penance of the above said tender/tender contract except with the prior consent of the beneficiary in writing.

This guarantee must be returned to us in original immediately on the expiry of the validity date.

Sealed with the common seal of the bank on this the..... day  
of..... 2021.

DATE : For BANKERS NAME

PLACE : SEAL, ADDRESS

**PERFORMANCE BANK GUARANTEE**

GUARANTEE NO :  
AMOUNT :  
GUARANTEE COVER FROM : TO :  
LAST DATE FOR  
LODGEMENT OF CLAIM :

In consideration of the M/s BIRBAL SAHNI INSTITUTE OF PALAEOSCIENCES, 53 UNIVERSITY ROAD, LUCKNOW - 226007, hereinafter referred to as the Purchaser having placed order(s):

1. (Order no and date) 2. (Order no and date), with our constituents

M/s \_\_\_\_\_ (name of your organization) hereinafter

referred to as the contractor, having their office at \_\_\_\_\_ (address of your

organization) for the supply and installation of (give brief detail of the order placed) and our constituents having undertaken to guarantee the faithful performance of the contract during the warranty period as mentioned in the purchase order(s) referred above, we the (Banker's name and address), do hereby bind ourselves as their guarantors and undertake to be responsible

to the purchasers and their successors and assigns for \_\_\_\_\_ payment of all or any sums of money, losses, damage, costs, charges \_\_\_\_\_ and expenses, that may become due or payable by the contractor, in the \_\_\_\_\_ faithful performance of his said obligations and covenants under the above contract stated

therein provided however that the \_\_\_\_\_ total amount to be so recovered by the purchaser from us shall not exceed Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_) amount of guarantee to be mentioned)

payable under the said Purchase Order. We, \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_ (name and address of the bank) do hereby

unconditionally and irrevocably guarantee payment, without demur and without recourse to the purchaser of sums upto Rs. \_\_\_\_\_(Rupees\_\_\_\_\_ ) amount of guarantee in Rs.\_\_\_\_\_ and words) on the purchasers first demand in writing making claim for payment to the purchaser by reason of failure on the part of the contractor to fulfill their obligations under the contract.

We hereby agree that lodgment of claim through registered post shall be conclusive evidence of lodgment of claim.

We further undertake to settle the claim within 30 days of lodgment of claim.

This guarantee shall not be revocable by notice or otherwise and is unconditional and without recourse and our liability as surety shall not be impaired or discharged, until the contractor has fulfilled all the obligations under the contract and shall not be affected by any change in the constitution of the purchaser, Contractor or the bank.

Notwithstanding anything stated herein above our liability under this guarantee is restricted to Rs.\_\_\_\_\_ (Rupees

\_\_\_\_\_ amount of guarantee) and shall remain in force till (last date of guarantee) unless a demand or claim under the guarantee is made on us in writing within one month of the above mentioned date, i.e., before (date one month from the last date of guarantee cover) all your rights under this guarantee shall be forfeited and we shall be relieved and discharged of all liability hereunder.

Dated:

FOR

Place:

(Banker's name)

Address and common seal

<b>Sr. No.</b>	<b>Details of Requirement for Opening L/C.(for imported items only)</b>
1.	Foreign Supplier's Name and Complete address on whom L/C will be opened.
2.	Foreign Banker's Name & Address
3.	Foreign supplier's Bank Account No.
4.	Port of shipment
5.	Country of Origin
6.	Period to keep L/C open– (Validity of L/C)
7.	Period of negotiation will be 21 days
8.	Delivery Schedule from the date of issuance of purchase order

Note:

Additional copies may be taken for each equipment's, Octopi, if paid, will be reimbursed separately at actuals



## **CHECK LIST TO THE BIDDERS**

1. Get all the clarification regarding terms and conditions, specification etc during the pre-bid meeting or by writing to the Director, BSIP, Lucknow prior to submission of bids.
2. The original tender document downloaded in full has to be submitted along with the technical details duly signed on all the pages.
3. Fill up the relevant compliance columns in the specifications given for the equipments quoted by stating "YES" or "NO". If any deviations are there in the specifications, the details may be given separately as Annexure.
4. A covering letter duly signed by the authorized person as per the specimen given at Annexure IV of the tender document.
5. Ensure that User certificates from at least two users, on their letterhead stating that the performance of similar make and model supplied to them is satisfactorily, is enclosed
6. Descriptive leaflet / brochure of the equipment quoted are enclosed along with the technical details.
7. Copy of the certificate for the calibration of similar make and model of the equipment / instrument for which bid is submitted from an accredited calibration laboratory or NPL, if applicable, is enclosed.
8. The Technical and commercial details are to be submitted separately super scribing "Cover "A" – Technical details for equipment or Cover "B" – Commercial details for equipments. Both the details are to be put together in one envelope and sealed properly, super scribing the name of the equipment's.
9. Proof regarding manufacturer / authorized agent, as the case may be, is enclosed.
10. Prior to submission of bids, bidders have to ensure that the equipment quoted by them is suitable for testing as per the national / international standard mentioned in the specification.
11. Cost details are to be given in the prescribed format only. If more than one model of equipment is quoted, separate sheet may be enclosed. may be given.

**Note: If the bidder fails to furnish all the relevant document/ information as mentioned in the Tender Document, the Tender will be rejected.**

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