

BIRBAL SAHNI INSTITUTE OF PALAEOBOTANY

53, UNIVERSITY ROAD, LUCKNOW – 226007

Tender No. **BSIP/TENDER/WORKS & BUILDING/2014-2015/**

e-Tender Notice

Director, Birbal Sahni Institute of Palaeobotany, Lucknow - 226007 (India) invites tenders **(Part – I Technical Bid, Part – II Commercial Bid)** in separate sealed covers from Contractors registered in the approved list of Contractors of PWD/ MES/ CPWD/ Railways/P&T/Experienced industrial Contractors and any other Government Departments/Labs in appropriate class for following work :

Setting up of New Lab facilities which include Flooring, Partitioning,

False ceiling, Electrical, Plumbing works and Clean Lab (1000x)

AT

BIRBAL SAHNI INSTITUTE OF PALAEOBOTANY, 53, UNIVERSITY ROAD, LUCKNOW - 226007

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.1000=00 (Rs. One Thousand only)** in the form of DD drawn in favour of **Director, BSIP,LUCKNOW** payable at **Lucknow (UP)** with the **Technical Bid-Part 1**

Date of Issue of Tender Document	: 26.08.2014
Pre-Bid Meeting at BSIP, Lucknow	: 09.09.2014 at 11:00 hrs
Last date of receipt of Tender at BSIP, Lucknow	: 24.09.2014 at 12:30 hrs
Opening of Tenders (Technical Bid only)	: 24.09.2014 at 15:00 hrs

Venue of Pre-Bid Meeting - **BIRBAL SAHNI INSTITUTE OF PALAEOBOTANY, 53, UNIVERSITY ROAD, LUCKNOW - 226007, at 11:00 hrs on 09.09.2014.**

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

Director
Birbal Sahni Institute of Palaeobotany

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

TERMS & CONDITIONS

AND

SPECIFICATIONS

FOR

**Setting up of New Lab facilities (Flooring Partitioning, False
ceiling, Electrical, Plumbing works and
Clean Lab 1000x)**

TENDER NO.

BSIP/TENDER/WORKS & BUILDING/2014-2015/

Ref: BSIP/TENDER/WORKS & BUILDING/2014-2015/

August 25, 2014

**TERMS AND CONDITIONS
OF
TENDER NO. BSIP/TENDER/WORKS & BUILDING/2014-2015/**

1. BSIP is an autonomous institution under the Department of Science & Technology, Govt. of India. The Institute is pursuing research in Palaeobotany and allied subjects including Geochemistry and dating.

Sealed quotations (**separate technical & commercial bids**) are solicited from reputed Civil Contractors, Interior/Exterior Designers, Agencies for setting up of New Lab facilities at BSIP, Lucknow. Facilities to be set up including **Flooring, False ceiling, Partitioning, Electrical and plumbing and Clean Lab works** as per details given in this document.

2. Tenders should be sealed, superscribed **with “Tender No. BSIP/TENDER/WORKS & BUILDING/2014-2015/ and submitted only at the following office:**

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

and should be submitted on or before the closing date, i.e. **24-09-2014 before 1230 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:

	Date	Time
Technical part Opening in the presence of intending Tenderers at BSIP, LUCKNOW	24-09-2014	15:00 hrs

Participation of representative during the technical part opening

The authorized representative deputed by you to attend the tender opening should be in a position to answer all the queries raised (if any) and substantiate the same in writing with his signature on the spot. This will be binding on the company participating in the tender.

3. Any queries with regard to the above tender shall be entertained only by means of formal official letters **on or before 16:00 hrs on 24-09-2014**

THE TENDERS ARE REQUESTED TO VISIT THE SITE TO ASCERTAIN THE REQUIREMENT BEFORE SUBMITTING THE QUOTES.

A pre-bid meeting would be held at BSIP, LUCKNOW at 1400 hrs on 09-09-2014. Maximum of 03 authorized representatives of each bidder will be allowed to attend the Pre-Bid meeting.

Quotes without Tender Document fee and EMD shall be rejected outright. The Tender document may be downloaded from BSIP website www.bsip.res.in . The Tender Document fee of Rs 1000/- is also separately enclosed with the technical part and be submitted on or before the closing date.

Commercial Part Opening : The dates will be intimated subsequently to the technically shortlisted parties only.

4. Prequalification Criteria

- a. The bidder shall possess minimum 03 (three) years of experience in executing such work. The bidders shall accordingly submit a statement in support specifying number of years of operations in areas of planning, designing, furnishing, construction and supervision of interior design works.

- b. The bidders shall submit proof of executing works of similar nature in other Government research labs in India.
- c. The Bidders shall submit work order copy and or documents in support of works mentioned in the Prequalification criteria in clause 4(b) above. The work order copy or documentary support in claim of 4(b) above shall be specifying details of employer, nature of work, financial year of work awarded, specific services provided, location, monthly Input break-up with corresponding costs, and likely / date of completion of each work.
- d. Bidders shall possess a minimum annual turnover of Rs. 50 Lac. The bidders shall accordingly submit annual turnover certificate for last three years duly audited by a Chartered Accountant.
- e. Projects implemented for Government/Public Sector Undertakings (PSU) would be an added advantage.

Proof for the above to be submitted in the Technical bid.

Company failing to meet these criteria or not submitting requisite supporting proof as specified in Formats is liable to be rejected during preliminary scrutiny.

Bid Rejection : The EMD @ 2% of your total quoted value should be submitted only in the Financial Bid Envelope with a validity of 6 months and with an undertaking in the Technical bid for the same (without disclosing the amount).EMD may be submitted in the form of PBG or Demand draft. No other form shall be accepted.

REQUIREMENT

Sl.No	Description	Qty	EMD Amount
1.	Setting up of New Lab facilities (Flooring Partitioning, False ceiling, Electrical and Plumbing works and clean lab)	As per Annexure-III	2% of the Quoted amount (to be enclosed separately in the Financial bid)

5. Tenderers are requested to study the terms and conditions of the tender carefully and then submit their tenders accordingly. Any tender received against this tender and any Work Order/Annual Maintenance Contract resulting from this tender shall be governed by the terms and conditions indicated in this tender document and the tenderer quoting against this tender shall be deemed to have read, understood and accepted the same unconditionally.

The intending tenderers are requested to go through the Tender Notice available at BSIP website and comply with all the procedures as prescribed therein.

This Tender Document is non-transferable. Only contractors purchasing the Tender Document are entitled to submit the quotes to BSIP in their name.

The interested tenderers are required to enclose the following documents along with the technical part.

- a. Details of Registration under Shops & commercial Establishment
 - b. Details of Registration with Registrar of firms/Registrar of companies
 - c. Service Tax Registration copy & VAT registration copy
6. The tenderers should possess necessary technical expertise in handling such projects and shall be equipped with adequately trained skilled labour & staff.
7. BSIP has adopted a two BID system. Therefore, the tenderers should submit their Technical and Commercial parts for each tendered item separately, in duplicate, in two separate sealed envelopes marked as “Technical Part” and “Commercial Part”. The two envelopes should further be put into another envelope and sealed for each individual tender item. EMD to be kept in commercial part only.
8. The Technical Part should contain information on specifications, design, capacity and other relevant technical details conforming to BSIP requirements IN TOTO. It is imperative to note here that the technical part in duplicate should be accompanied by all data sheets, technical literature, compliance chart and catalogues in original. The suggested ordering information (supplier part nos.) to match BSIP specifications must be indicated in the technical part.

SL.No.	Technical part should contain
1.	An undertaking has to be given in the Technical Bid Envelope, certifying that the EMD of 2% of the total quoted price has been kept in financial bid (without disclosing the amount)
2.	Tender document Fee of Rs.1000.00, towards the Tender document.
3.	Technical quote giving the compliance details of execution of the work as per the requirement. Compliance to the Detailed scope of work as per Annexure – III
4.	Makes & Models of the standard items.
5.	Technical Compliance as per Annexure – I
6.	Commercial Compliance as per Annexure – II
7.	Blanked Commercial Part Annexure - III
8.	Scope of Warranty (compliance as per clause no. 22)
9.	Client list as per clause 14
10.	Acceptance for submission of Bank Guarantee for 10% of the WO value for a period of one year from the date of acceptance of the item from BSIP, in the event the WO is placed.
11.	Documents related to Eligibility criteria as per clause no. 4 of this document

9. 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.

SL.NO.	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. : a. Setting up of New Lab facilities as per enclosed specification, drawings & scope of work(Annexure – III) on total TURNKEY BASIS. b. The rates to be quoted as per Annexure - III
2.	EMD of 2 % of the Total quoted price (as given in Annexure III).
3.	Payment terms – Acceptance as per our clause no. 26
4.	Delivery schedule – Supply & installation to be mentioned

10. Tenderers should submit the quotes along with E.M.D. as indicated in the tender document in the commercial bid only and a declaration letter in the Technical Bid that EMD amount has been kept in commercial bid without disclosing the EMD amount. E.M.D. amount should be submitted by way of a crossed demand draft favoring "BSIP" or by way of Bank Guarantee (in the format enclosed) for the said amount. This amount will be returned interest free, to the unsuccessful tenderers within 6 months from the closing date of the

tender or finalization of the tender for the item, whichever is later. The Bank Guarantee shall be valid for 6 months from the last date of submission of the quotes. Alternatively, EMD may also be submitted in the form of Demand Draft.

11. **The E.M.D. is payable by all categories of tenderers and no exemption from E.M.D. is permissible. Quotes without E.M.D. shall be treated as invalid/ rejected.**

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

Important : EMD should be kept in the commercial part only. If the EMD is not found in the commercial part, then the quote will be rejected outright. No Clarifications shall be taken by BSIP.

12. Technical Compliance statement for the tendered item is a pre-requisite for evaluation. 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. Incomplete compliance statement may lead to rejection of the quote.
13. **The template of compliance comparison statement is enclosed in Annexures I & II.** All columns should be clearly filled up and, if more than one model is being quoted for, then different sheets should be submitted for each model. **Please do not fill only as “Complied” in column 3, but, also indicate the quantitative specifications.** Failure to do so may result in the quote not being considered. Please highlight the quantitative specifications in your data sheet / technical literature. If the space is not sufficient, then additional sheets may be used. The compliance comparison statement should be signed by the authorized signatory. If the compliance comparison statement is not filled up, then the quotations are liable to be rejected.

The compliance statement should be enclosed with the technical part only. Compliance statement with respect to terms and conditions(Annexure-II) stipulated in the tender document should also be provided along with the technical part.

The tenderers should submit the quotes along with the complete data sheets of the product. The vendor should also give the compliance of the item being offered with BSIP specifications by highlighting on the data sheet with the relevant serial no. of BSIP specifications written against the highlighted data.

14. **Tenderers shall submit a list of clients, to whom they have executed similar type of job. This list should clearly enunciate the address of the premises / location, where such projects are executed, along with the names of the contact persons and their phone nos./fax nos./e-mail Ids .**
15. The tenderer shall facilitate visits by the BSIP team to their client executions sites, for the purpose direct technical assessment of the work carried out at site.
16. The price quoted must be on **FOR BSIP** basis and to the designated place as per scope of work and details given vide Annexure-III.
17. BSIP is a public funded R&D organization set up by the Govt. of India. Intending tenderers are advised to take note of the above while submitting their quotes. Interested tenderers are requested to quote the basic price and the other statutory levies separately and indicate their acceptance to supply the material at its basic cost with applicable levies. **The exact amount of duties, if applicable, and the tariff head, under which it is applicable, must be indicated unambiguously in the commercial part.**
18. BSIP is registered with DSIR, Ministry of Science & Technology, Government of India.
19. All quotations received against this tender shall be governed by the terms and conditions indicated in the tender document. In the case of successful tenderers, E.M.D. amount will be forfeited to BSIP in the following cases, without any further intimation:-
 - a) If, after submission of the quotation, the tenderer fails to honour the Purchase Order/Work Order/Letter of Intent or refuses to comply with any and/or all of the terms and conditions of the tender.
 - b) If the tenderer withdraws the offer during the validity period.
20. **As per BSIP tendering procedures, the successful tenderer shall have to deposit a Security Deposit / Performance Bank Guarantee (PBG) equivalent to 10% of the total order value for a duration upto the 1 year warranty/extended warranty. The same can be deposited through a Crossed Demand Draft favouring BSIP or a Bank Guarantee as per the enclosed format in the tender document. In case of submission of Security deposit/Performance Bank Guarantee in the form of a Bank Guarantee, the same must be issued by an Indian nationalized bank or any prime international**

bank. If the performance bank guarantee / security deposit of the requisite amount stipulated in the purchase order is not submitted, the payments shall not be made by BSIP, even after the receipt of order acknowledgement,. Fixed Deposits shall not be considered as Performance Bank Guarantee.

In the case where a bank guarantee has been submitted against the PBG, the validity of the same should be equivalent to the warranty period of 1 year from the date of acceptance of the item. The bank guarantee validity should, however, commence from the date of written acceptance by BSIP, subsequent to installation & commissioning & acceptance at BSIP. Since the bank guarantee has to be submitted before equipment supply, this objective shall be met by issuing necessary amendment to the bank guarantee later, after the date of written acceptance by BSIP. If the Security Deposit is submitted towards faithful performance through a Demand Draft, then the same will be returned after the completion of the warranty period. The E.M.D. amount submitted by the successful tenderer will be returned to the supplier, only upon the submission of the security deposit/performance bank guarantee.

- 21. It should be clearly noted that compliance to the commercial requirement of submission of security deposit/performance bank guarantee is mandatory. Any quote enunciating the non-acceptance to this clause is liable to be rejected.**

WARRANTY

- 22. The tenderer shall warrant that the work executed and items supplied shall be NEW and free from defects and faults in design, material, workmanship and manufacture and shall be of the highest grade and in full conformity with the BSIP specifications. Tenderers will be responsible for any defect that may develop arising from faulty material, faulty design and bad workmanship in the execution of the job/service and shall remedy such defect at their own cost and at site.**

The tenderers are required to submit their quotes with a comprehensive warranty of 1 year on-site. By the term “Comprehensive Warranty” it is meant that the repair/replacement, parts replacement (if any).

Quotes of the tenderers, who are unable to quote with 1 year warranty will not be considered and will be summarily rejected, even if they are meeting all the criteria in-line with BSIP technical specifications.

All statutory levies shall have to be met by the tenderer and/ or their Representatives towards replacement and repairs during the warranty period. Thus the warranty should be comprehensive, all paid up and unconditional.

The warranty for one year shall commence from the date of written acceptance by BSIP, subsequent to installation & commissioning. In case of any delays in installation / commissioning / rectification of faults, the warranty period shall automatically get extended by a month for delay of 15 days, or, part thereof.

Support during warranty period covers attending to the problems reported by BSIP within 24 hours.

23. **Warranty Certificate** wherever applicable should be submitted from the date of written acceptance given by BSIP clearly indicating the commencement date and expiry of warranty(Wherever applicable).

24. The appraisal of the performance of the material and services provided during the warranty period shall be done by BSIP and the same shall be binding upon the tenderer.

25. **DELIVERY DATE** : Time being the essence of the contract, the tenderers must indicate the firm delivery date by which the materials will be dispatched by them from the date of receipt of BSIP order. **They must also clearly indicate the time limit within which various phases shall be accomplished for work orders and completion date.**

26. **PAYMENT TERMS:**

The payment towards the execution of work will be paid in installments as specified below. Payments to the contractor shall be "on account" and shall be adjusted against the final bill.

The various stages of payment shall be as follows:

STAGE I: On delivery of materials/certification at the site and after inspection by BSIP authorities.	50% of the total cost of the material supplied as per Invoice.
STAGE II: On completion of 75% of the work (as assessed by BSIP).	75% of the total Project value after deducting Stage-I payment
STAGE III: On completion of work and approval by BSIP authorities.	Balance 25% of the total Project cost within 30 days after completion of work and on receipt of 10% PBG valid for I year period.

27. In case the delivery schedules are not adhered to and the supplies

get delayed beyond schedules, **penalties shall be imposed on the vendor/tenderer by BSIP and the penalty to be imposed will be @ 1% for every 02 weeks subject to the maximum being 5%. Delay beyond 10 weeks will be treated as an exception and BSIP reserves the right to impose additional penalty at its discretion.**

28. In case the tenderer fails to deliver the material or fails to provide services within the quoted delivery period in supercession to the above penalty clause, BSIP reserves the right to make alternate procurement and arrangements only at the tenderers cost and risk. For this, the supplier shall be served with a notice of 2 weeks under a registered cover and in case of non-performance, on expiry of the notice period, the cost of alternate procurement /arrangements shall be recovered from the vendor.
29. **INSPECTION: Before supplying the building material, sample of the same have to be shown and certified by BSIP officials.** No material will be accepted without sample approval. Materials, on their arrival at BSIP, will be inspected for quality and quantity by BSIP officials and their decision in the matter will be final and binding. The rejected material/s will need to be collected by the supplier within a reasonable period of time for replacement from our premises and all the charges on the same including packing charges will have to be borne by the supplier only. In case we do not receive any response to our letters soliciting the suppliers to collect the rejected material even within 16 weeks from the receipt of the rejected material at BSIP, the same may be disposed off by BSIP through auction, and the proceeds of such an auction shall be treated as earnings to BSIP.
30. **Tenderers** shall be required to provide complete assistance/guidance at site during the SITE PREPARATION and INSTALLATION & COMMISSIONING. **The scope of the work includes Supply, Erection, Installation and Commissioning of the various materials at the place designated by BSIP as per Annexure- A, shall be the responsibility of the supplier or their authorized representatives. All the associated costs shall have to be borne by the supplier or their representatives. No extra charges will be paid.**
31. Tenders should be complete in all respects and incomplete tenders not complying with the terms & conditions shall be summarily rejected without any notice.
32. **Quotations should be valid for a period of at least 6 months from the closing date of the tender.**

33. If, at any time, during the performance of the Purchase Order, the suppliers Encounter conditions impeding timely delivery of goods and performance of service, then they should promptly notify BSIP, in writing, of the fact of the delay, the cause of delay and its likely duration. BSIP shall evaluate the situation and at its discretion, decide to extend the suppliers, time for performance. BSIP's decision will be final and binding.
34. BSIP reserves the right to award work to deserving tenderer. The decision of BSIP shall be final and unquestionable.
35. C-DOT reserves the right to reject/accept any part or full Tender(s) without any reason whatsoever.
36. **ARRIVING AT THE LOWEST: It may be noted that the L1 price shall be calculated based on the rates quoted for setting up of New Lab facilities on TURNKEY BASIS as per the scope of work as per Annexure – III.**
37. FORCE MAJEURE shall mean and be limited to War hostilities, riot or civil commotion, earthquake, flood or other natural physical disaster and restriction imposed by the Government or their statutory bodies which prevents or delays the execution of the contract. In the event of delay lasting over one month, if arising out of cases of Force Majeure, BSIP will still reserve the right to cancel the order/contract.
38. Disputes, if any, arising out of the above tender will be referred to courts having jurisdiction over **Lucknow only** and shall be subjected to Indian laws including the law relating to Consumer Protection.
39. The specifications indicated in the tender are as per BSIP's requirement. Tenderers have the option of quoting strictly as per the specifications indicated in the tender document or offer any equivalents meeting BSIP's requirement. However, based on the compatibility, the decision of BSIP on acceptance/rejection of the same would be final and unquestionable.
40. It is assumed that the intending tenderer have understood the requirement. However, it may be ensured that all the items as per the specification are taken care. In case anything/item is missed out the same needs to be supplied free of cost.
41. Please note that any falsification / suppression of information would lead to tender disqualification.
42. **BSIP is an R & D organization and is thus not registered under any State's Sales Tax or Central Sales Tax and thus has no C.S.T. and K.S.T. numbers.**

43. Exact details of excise duty, sales tax, VAT and other levies must be clearly indicated. Please do not indicate taxes & levies “as applicable”. It may be noted that BSIP will not be giving ANY CONCESSIONAL FORMS nor will be claiming any MODVAT concessions.
44. BSIP can only provide the Excise Duty Exemption Certificates for purchases made from Indian Manufacturers.
45. In case, the date of opening of the tender happens to be an unscheduled holiday, the tender will be opened on the NEXT WORKING DAY at the same time and venue.

General Terms & Conditions of the Tender

1. The Setting up of New Lab facilities to be carried out as per the specifications and scope of work.
2. The work shall be carried out as per the directions of BSIP. The price shall be inclusive of the cost of labour charges, scaffoldings etc. The work has to be carried out after erecting Scaffoldings, wherever required.
3. Taxes will be deducted at source.
4. You should mandatorily take Personal Accident Insurance for your employees.
5. Work should be carried out between 9.00 a.m & 6.00 p.m on Working Days only.
6. You are requested to take care of all the safety aspects while executing the work assigned. Safety Belt should be used without fail. As the working area is very critical, adequate care has to be taken to avoid any damages due to the negligence of the work. In case of any damage to the existing building, equipment, etc., BSIP at its discretion will deduct the amount to extent of the loss incurred.
9. You shall be responsible for payment of compensation in the event of injury, death or damage caused to employee while discharging the duties.
10. You will keep your staff and labour duly insured against any injury or death while working in the premises or during transportation and will keep BSIP fully indemnified against any claim of compensation in this regard.
11. You shall be responsible for statutory requirements and compliance with various legislations. The employees deployed by the supplier shall

be covered under the provision of Minimum Wages Act and the supplier shall pay the PF/ESI contributions.

12. You shall be responsible for payment of compensation and settlement of litigation arising out of dispute between employer and employees in the event of injury, death or damage caused to employee while discharging the duties Labourers should be fully insured, BSIP, Lucknow will not be responsible.

Guarantee No	:	
Amount	:	
Guarantee Cover	From:	To :
Last Date for Lodgment of Claim	:	

1. If the tenderer fails to accept the contract with the terms and conditions of the contract.
2. 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.
3. If the tenderer withdraws the tender during the validity period.
4. 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.

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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..... 2012

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 BIRBAL SAHNI INSTITUTE OF PALAEOBOTANY,
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:

Place:

FOR

(Banker's name)

Address and common seal

ANNEXURE-I

COMPLIANCE STATEMENT (TECHNICAL) FOR _____

REF: **BSIP/TENDER/WORKS & BUILDING/2014-2015/**

Col - I	Column - II	Column - III	Column - IV
SL NO.	BSIP TENDER SPECIFICATION	SPECIFICATION OF MODELS QUOTED	DEVIATIONS IF ANY
	PLEASE LIST DOWN EACH OF THE TENDER SPECIFICATIONS IN THIS COLUMN – AS PER ANNEXURE III	PLEASE INDICATE THE SPECIFICATIONS OFFERED BY YOUR MODELS (DO NOT JUST SAY COMPLIED) COMPLIANCE FOR EACH MODEL OFFERED ARE TO BE GIVEN SEPARATELY.	
	ADDITIONAL FEATURES IF ANY		

NOTE: PLEASE FILL UP THE COMPLIANCE CHART FOR EVERY MODEL QUOTED

Date :

Signature:

Place:

Name:

Designation:
Seal of the company /

ANNEXURE-II

COMPLIANCE STATEMENT (Tender terms and conditions)

Ref: BSIP/TENDER/WORKS & BUILDING/2014-2015/

I hereby declare that all the information furnished by us are true to my knowledge.

I have no objection to BSIP verifying any or all the information furnished in this document with the concerned authorities, if necessary. I also certify that I have understood all the terms and conditions indicated in the tender document and agreeing to, in entirety. I am signing this document as an authorized signatory in the capacity of _____.

Date :

Signature:

Place:

Name:

Designation:

Seal of the company / Agency

ANNEXURE-III

Specifications for setting-up of new lab at BSIP, Campus

False Ceiling Specification for the establishment of TL/OSL dating and Geochemistry Lab

Powder coated Ceiling:

50 mm Ceiling Panel with 0.6 mm thick **GI Powder coated** sheets on both sides, PUF / Equivalent as infill material having density of 38 kg / m³ with side connectors.

Area to be covered = 2450 sq.ft.

Metal Ceiling for Organic geochemistry Lab (Refer Lab design):

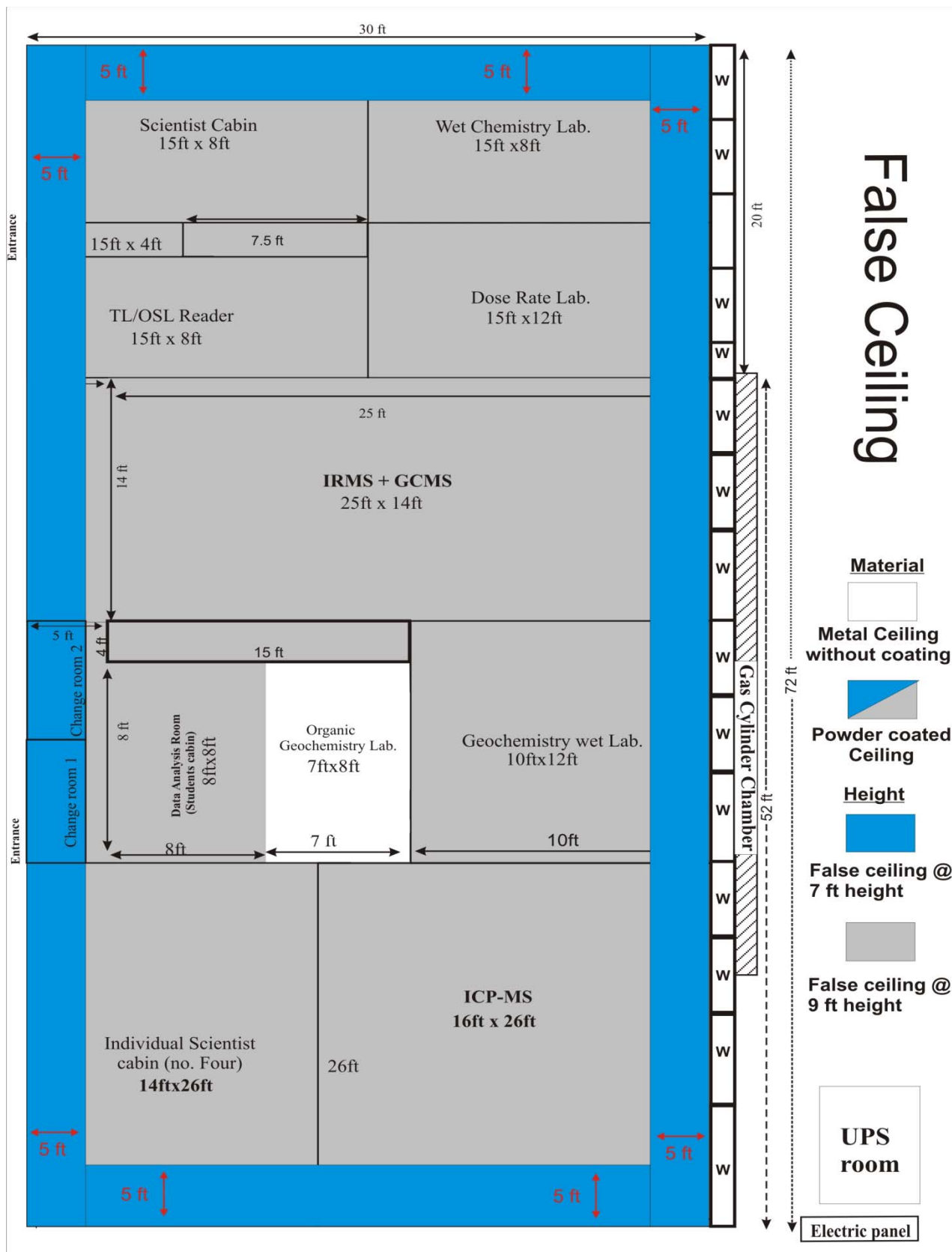
50 mm Ceiling Panel with 0.6 mm thick **GI Powder coated on one side and the other side having SS 304 sheet**, PUF / Equivalent as infill material having density of 38 kg / m³ with side connectors.

Area to be covered = 56 sq.ft.

****Important:** It has to be mentioned that there is a height difference in the lab border and the central portion. The lab border is 7 ft high and the central portion is 9 ft high and is shown in the figure. The vertical gap between the lab border @ 7 ft and the central portion @9 ft has to be covered by the ceiling/partition material also.

(Note: Providing & fixing of ceiling I.S.I make; homogenous strength; water proof; fire resistance finish; acid resistant, approved shades and design. **All material test certificates are required.)**

S. No	Item	Area (sq ft)	Unit Price (Rs)	Amount (Rs)
1	50 mm Ceiling Panel with 0.6 mm thick GI Powder coated sheets on both sides, PUF / Equivalent as infill material having density of 38 kg / m ³ with side connectors.	2450		
2	50 mm Ceiling Panel with 0.6 mm thick GI Powder coated on one side and the other side having SS 304 sheet , PUF / Equivalent as infill material having density of 38 kg / m ³ with side connectors.	56		



Specification for the establishment of TL/OSL dating and Geochemistry Lab

Partitioning:

1. 50 mm Partitioning Panels with 0.6 mm thick **GI Powder coated** (coating must be 50-60 micron thick) sheets on both sides, PUF / Equivalent as infill material having density of 38 kg / m^3 with supporting floor tracks, Side Connectors etc.
or
2. 50 mm Partitioning Panels with 0.6 mm thick **Pre-coated** sheets on both sides, PUF / Equivalent as infill material having density of 38 kg / m^3 with supporting floor tracks, Side Connectors etc.

Metal partitioning for Org. geochemistry Lab (Refer design):

1. 50 mm Partitioning Panel with 0.6 mm thick **GI Powder coated on one side** (coating must be 50-60 micron thick) **and the other side having SS 304 sheet**, PUF / Equivalent as infill material having density of 38 kg / m^3 with supporting floor tracks, Side Connectors etc.

Glass Partitioning:

1. The view panels should be of tuffen glass minimum 5 mm thick on both sides (2 separate glass sheets)

Doors:

1. Powder coated (coating thickness 50-60 micron at least) 44 mm sandwiched door Frame, Sheet Thickness of 1.2 mm, Shutter Sheet Thickness of 0.8 mm and the filling Material should be PUF or equivalent material with Door closer, handle, lock etc.
2. Stainless Steel (SS 304) 44 mm sandwiched door Frame, Sheet Thickness of 1.2 mm, Shutter Sheet Thickness of 1.0 mm with Door closer, handle, lock etc.

****It has to be mentioned that there is a height difference in the lab border and the central portion. The lab border is 7 ft high and the central portion is 9 ft high and is shown in the figure (Refer design). The vertical gap between the lab border @ 7 ft and the central portion @9 ft has to be covered by the ceiling/partition material also.**

(Note: Providing & fixing of partitioning (preferably Tata / Jindal make); homogenous strength; water proof; fire resistance; approved shades and design. All material test certificates are required.)

S. No	Item	Area (sq ft ; Approx)	Unit Price (Rs)	Amount (Rs)
1	50 mm Partitioning Panels with 0.6 mm thick GI Powder coated (coating must be 50-60 micron thick) sheets on both sides, PUF / Equivalent as infill material having density of 38 kg / m ³ with supporting floor tracks, Side Connectors etc.	3040 sq. ft.		
	OR			
1	50 mm Partitioning Panels with 0.6 mm thick Pre-coated sheets on both sides, PUF / Equivalent as infill material having density of 38 kg / m ³ with supporting floor tracks, Side Connectors etc.	3040 sq. ft.		
2	50 mm Partitioning Panel with 0.6 mm thick GI Powder coated on one side (coating must be 50-60 micron thick) and the other side having SS 304 sheet , PUF / Equivalent as infill material having density of 38 kg / m ³ with supporting floor tracks, Side Connectors etc.	219 sq. ft.		
3	View panels (double frame) should be of tuffen glass minimum 5 mm thick.	157 sq. ft.		
4	Powder coated (coating thickness 50-60 micron at least) 44 mm sandwiched door Frame, Sheet Thickness of 1.2 mm, Shutter Sheet Thickness of 0.8 mm and the filling Material should be PUF or equivalent material with door closer, handle, lock etc.	Hinged door: 8 nos. 1050 x 2100 mm (single door) Sliding door: 10 nos. 1050 x 2100 mm (single door)		
5	Stainless Steel (SS 304) 44 mm sandwiched door Frame, Sheet Thickness of 1.2 mm, Shutter Sheet Thickness of 1.0 mm with Door closer, handle, lock etc.	Hinged door: 1 no. 1050 x 2100 mm (single door)		
6	Fibre reinforced polyurethane (FRP) coating.	1400 sq. ft.		

Specification for the establishment of TL/OSL dating and Geochemistry Lab

Plumbing:

Total length of GC / PVC pipes for water supplying and drainage = 350 ft each (approx)

Wash basin / sink points = 07 (no's)

Note: (Providing and fixing; ISI make material only)

Electrical works:

S. No	Item	Make	Quantity	Unit Price (Rs)	Total Amount (Rs)
1	Wire and Cables	Havels / Finolex	As per figure		
2	Switch 5 amp 15 amp	Crabtree	195 135		
3	Socket 5 amp 15 amp	Crabtree	195 135		
4	Fan	CG / Havels	9		
5	Electric channel/ Panel	Powder coated / PVC (ISI)	45		
6	Spot Light (Ceiling)	Phillips / Wipro	20		
7	Reassessed light panel	Phillips / Wipro	39		
8	Wall mount Holders	Phillips / Wipro	6		
9	Light Distribution Board (LDB)	Havels / Legrand	4		
10	Power Distribution Board (PDB)	Havels / Legrand	4		
11	32 amp MCB 63 amp (3 phase) MCB	Havels / Anchor	12 3		

(Note: Providing & fixing of desired material for flooring; homogenous strength; water proof; fire resistance and approved shades and design. **All material test certificates are required.**)



Flooring Specification for the establishment of TL/OSL dating and Geochemistry Lab

Epoxy Flooring (2+2 mm thick) (Refer Lab design):

1. TL/OSL lab (20 X 30 ft) includes:

Scientist Cabin 15ft x 8ft

Wet Chemistry Lab. 15ft x 8ft

Dose Rate Lab. 15ft x 12ft

TL/OSL Reader 15ft x 8ft

2. Sample Repository/IRMS - GCMS (14 x 30 ft)
3. Change Room 1 & 2 (5 x 12 ft)
4. Corridor (4 x 15ft)
5. Data analysis room (8 x 8 ft)
6. Geochemistry wet lab (10 x 12ft)
7. Scientist Cabin (14 x 26 ft) and ICP MS Lab (16 x 26 ft)

Metal Flooring (S.S 304; 3mm thick with accessories) (Refer Lab design):

1. Organic Geochemistry Lab (7 x 8 ft)

(Note: Providing & fixing of desired material for flooring; homogenous strength; water proof; fire resistance, acid resistant and approved shades and design. **All material test certificates are required.)**

S. No	Item	Area sq ft (Approx)	Unit Price (Rs)	Total Amount (Rs)
1	Epoxy Flooring (2+2 mm)	2104		
2	Metal Flooring (S.S 304; 3mm thick with accessories)	56		



Specification for Clean Room -1000x Class for geochemistry laboratory

Room Area	:	350 Sq. ft. Area (Approx)
Room Class	:	1000 Class
Filtration	:	Pre /Fine and HEPA
Room temperature.	:	24±2 °c
Room Rel. Humid.	:	55+5%
Room pressure	:	10 pa
Air changes	:	80 acph (air circulations per hour)
System	:	AHU, Fan, Chiller, Copper Piping, HEPA terminal, HEPA filter, ducting, grille, insulation, damper, MG and testing.

Technical Specifications:

High side HVAC (heating ventilation air conditional); AHU system; Double skin air handling units

Material of construction:

Outer skin	:	0.6 mm thick pre coated GSS
Inner skin	:	0.6 mm thick plain GSS sheet
Framework	:	extruded aluminum alloy
Fan	:	World renowned NICOTRA/Equiv. make

Horizontal Floor Mounted Air Handling Units (Pre Filter section with 50 mm thick filters; Fine filter section with 300mm thick fine filter)

Supply of D.O.P. tested point to point scanned deep pleated HEPA Filters EU13 (Efficiency >99.9% with 0.3 micron particle size)

Low Side HVAC (Heating Ventilation Air Conditional)

(Sheet metal ducting, Supply air / return air and fresh air outlets)

Governing Standards: Ductwork shall be G-60 coated galvanized steel of lock forming grade conforming to ASTM Standards A-525 and A-527. Ductwork, casing, exterior components, fittings, hangers, reinforcement and other construction installation requirements for duct systems and related components shall be in accordance with SMACNA standards.

Dampers: Suitable volume control dampers shall be provided for proper control and balancing of air distribution. Volume control dampers shall be provided at junction of each branch duct with main duct and split of main duct.

Fresh Air Intake Louvers: Fresh air intake louvers wherever required as per drawing will be made of extruded aluminum construction duly anodized or powder coated. Bird / insects screen will be provided in the intake louvers.

Pipe insulation: Chilled water piping insulation should be 25 mm thick and made up of closed cell nitrile rubber (class-o) and fixed by fixtures using manufacturer. Approved cold adhesive on both outer face of the pipe and inner face of the pipe section. The joints should be sealed with 3mm thick 50 mm wide self adhesive nitrile rubber.

Conditioning Units: Units shall consist of hermetically sealed scroll compressor, motor, air cooled condenser, strip heaters, integral refrigerant piping and wiring, all mounted on a steel frame.

Compressor and Motor: Compressor shall be hermetic reciprocating / Scroll, serviceable type and shall have dual pressure stat, and an operating oil charge. The motor shall be suction gas cooled and shall be sealed against dirt and moisture.

Manufacturers List

S.No.	Description	Manufacturer
1.	AHU	System Air / MEP equipments / Aastha etc.
2.	Fan	Nicotra / Newtek / Aastha etc.
3.	Motors	BB /ABB/Equivalent etc.
4.	Filters	Thermadyne / AAF/DYNA etc.
5.	PAN Humidifier	Rapid Cool / Equivalent etc.
6.	Condensing m/c	LG/Blue Star / Voltas / Daikin etc.
7.	GI sheet	Jindal-Hissar / Tata etc.
8.	Grilles/diffusers/dampers	System Air / Caryaire / MEP/Aastha etc.
9.	Fire & smoke damper	System Air / Caryaire/ MEP etc.
10.	Motors	BB /ABB/ Equivalent etc.
11.	Insulation	A-Flax / Kflex / Equivalent etc.
12.	HEPA terminal	ISI or equivalent made equipments

Note: Rat proofing consist of galvanized weld mesh shall be provided to protect air ducts at AHU outlets return air openings of AHU room wall, and return air silts. Quotations are invited from firms who have already done this type of work with a list of place and type of work they have done in India. All material test certificates are also required.

S. No	Item	Area (sq ft)	Unit Price (Rs)	Amount (Rs)
1	Clean Lab (1000x) for Geochemistry	30x12		

