

CSIR- INDIAN INSTITUTE OF CHEMICAL BIOLOGY, KOLKATA

TENDER

FOR

**STRENGTHENING AND WATERPROOFING TREATMENT OF
P&I ROOF AT CSIR-IICB, JADAVPUR, KOLKATA**

APRIL 2017



TENDER NO. ADMN. 26(368)/2017

ENGINEERING SERVICE UNIT

Signature of Tenderer with Seal

CSIR-INDIAN INSTITUTE OF CHEMICAL BIOLOGY, KOLKATA
4, RAJA S. C. MULLICK ROAD, JADAVPUR, KOLKATA –700032.

Name of Work: **Strengthening and waterproofing treatment of P&I roof at CSIR-IICB, Jadavpur, Kolkata**

Tender No. : **Admn.26(368) /2017**

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NOTE:

Tenderer should confirm that they have downloaded and taken print at its true format as displayed of all the above papers. All the documents downloaded are to be submitted duly signed by the tenderer while submitting his offer.

Signature of Tenderer with Seal

**CSIR-INDIAN INSTITUTE OF CHEMICAL BIOLOGY
4, RAJA S. C, MULLUICK ROAD, JADAVPUR,
KOLKATA – 700 032.**

SHORT TENDER NOTICE

Tender No. : **Admn.26(368)/2017**

Date: **02.05.2017**

Sealed item rate tenders are being invited in two envelope system from eligible contractors who have worked for CPWD, Railway, Post & Telegraph Dept, MES, State PWD,s, other government departments or Semi Government Organizations or CSIR or its Laboratories / Institutes and have successfully carried out Construction/ Repair & Renovation/ Up-gradation of Building works in a Research Institute, Higher Academic Institute, Hospital, Medical Institute or Office Building.

For further detail about eligibility criteria and other information visit website www.iicb.res.in/tender.html/

1. Name of work : Strengthening and waterproofing treatment of P&I roof at CSIR-IICB, Jadavpur, Kolkata.
2. Estimated Cost : Rs.4.03 Lakh
3. Time of Completion : 2 (Two) month
4. Cost of Tender : Rs.500.00 (Rupees five hundred only)
5. EMD : Rs. 8060.00 (Rupees Eight Thousand Sixty only)
6. Availability of tender at website : From 04/05/2017 to 14/05/2017 up to 4-30 P.M
7. Last date & time of submission : 15/05/2017 up to 3-00 P.M
8. Date & Time of Opening : 15/05/2017 up to 3-30 P.M

Executive Engineer (Civil)

- C. C. 1). Notice Board, IICB – for display
2). IICB Website – for display

Signature of Tenderer with Seal

**CSIR-INDIAN INSTITUTE OF CHEMICAL BIOLOGY
KOLKATA –700 032.**

NOTICE INVITING TENDERS

1. Tenders are hereby invited for the work of “**Strengthening and waterproofing treatment of P&I roof at CSIR-IICB, Jadavpur, Kolkata**” in two envelopes system from eligible contractors who have worked for CPWD, Railway, Post & Telegraph Dept, MES, State PWD,s, other government departments or Semi Government Organizations or CSIR or its Laboratories / Institutes and satisfy the following criteria:

a) **Experience** : Should have satisfactorily completed construction / repair and renovation / up-gradation of building works in a Research Institute , Higher Academic Institute, Hospital, Medical Institute or Office Building of value(s) either of the following, during the last seven years ending previous day of last date of submission of tenders: Joint ventures are not accepted.

Three completed works each costing Rs.1.61 Lakh or above

or

Two completed works each costing Rs.2.42 Lakh or above

or

One completed work costing Rs.3.22 Lakh or above.

b) **Statutory Requirements:** Should have current Trade License of civil contractor, Professional Tax Enrolment Certificate with current Professional Tax payment challan, Sales Tax/VAT Registration Certificate with last quarter return up to March 2016, PAN/TAN number with the appropriate Authorities.

The tenderers are required to produce proof of fulfilling these conditions with covering letter of the firm in a sealed envelope along with the tender to determine Eligibility for the work.

2. Estimated Cost is **Rs.4.03 Lakh** (Rupees Four lakh Three Thousand only). The estimate based on market rate. This estimate however is given merely as a rough guide.

3. Total time for carrying out the work will be **2 (Two) month** and the date of commencement shall be reckoned from the tenth day of issue of award letter.

4. Complete Contract documents to be complied with by the tenderer whose tender may be accepted can be seen at the IICB website www.iicb.res.in

5. Tenders should be on the specified form (Non transferable) which is available at the IICB website www.iicb.res.in/tender.html/ from **04/05/2017 to 14/05/2017 up to 4-30 P.M.** Interested contractors may download and take a print of all documents for filling up and submission. The Cost of Tender amounting to **Rs.500.00** (Rupees five hundred only) (Non-refundable) as Demand **Draft or Pay Order of a scheduled bank drawn in favour of Director**, Indian Institute of Chemical Biology, Kolkata should accompany the tender. **Tender received without cost of tender will be invalid and summarily rejected.**

6. (I) Tenders should be submitted in double sealed covers superscribed with the name of work, date and time of opening written both on the inner & outer envelopes.

(II) Eligibility documents and Financial Offers should be given separately in **two** sealed envelopes each marked with “**ELIGIBILITY DOCUMENTS - Envelope-1**” and “**FINANCIAL OFFER - Envelope-2**” respectively in the following manner :

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(a) **Envelope-1 marked as 'ELIGIBILITY DOCUMENTS'** should contain two separate sub-envelopes to be marked as **Cover-A** and **Cover-B**:

Cover-A should contain the following:

(i) **Earnest Money Deposit of Rs. 8060.00** (Rupees Eight Thousand Sixty only) as Demand Draft or Pay Order of a schedule bank and drawn in favour of Director, Indian Institute of Chemical Biology, Kolkata

Cover-B should contain the following :

- i. Cost of Tender of **Rs.500.00** (Rupees five hundred only) (Non-refundable) as Demand Draft or Pay Order of a scheduled bank drawn in favour of Director, Indian Institute of Chemical Biology, Kolkata
- ii. **Letter of Transmittal (Annexure-I)**
- iii. **Technical Details (Annexure-II) with specified supporting documents** as per Clause-1 of Notice Inviting Tender.

(b) **Envelope-2 marked as 'FINANCIAL OFFER'** should contain tender documents along with price bid.

(III) Both the envelopes shall be submitted together in another sealed envelope.

Please note carefully that Financial Offer should not be submitted in Envelope-1.

(IV) They will be received **up to 3.00 P.M on 15/05/2017** and will be opened at **3.30 P.M** on the same day at **Room no. 50**, Works & Service Section in the office of Head (ESU). Tender should be dropped in the tender box kept in **Room no. 50**, Works & Service Section in the office of Head (ESU) before the closing date and time indicated. In case these are sent by post, these should be sent by Regd.post/speed post addressed to the **Director, CSIR- Indian Institute of Chemical Biology, 4 Raja S.C.Mullick Road, Kolkata – 700 032** . Tenderers are to ensure that they post the tender well in advance so as to reach before the closing time and date indicated.

(V) The envelope marked as 'Eligibility Documents' shall be opened at the same day. The time and date of opening of Financial Offer of only the qualified tenderers shall be opened at the notified time, date and place in the presence of the tenderers preferably within a month.

(VI) Before submission of tender, the bidders should visit the site at CSIR-IICB, Jadavpur campus, Kolkata-700032 during office hours of any working days (Monday to Friday) and clear all their queries, if any, from the Engineer.

7. **The Earnest Money amounting to Rs. 8060.00** (Rupees Eight Thousand Sixty only) as Demand Draft or Pay Order of a schedule bank and drawn in favour of **Director, Indian Institute of Chemical Biology, Kolkata** should be accompanied with the tender. **Tenders received without earnest money will be invalid and summarily rejected.**
8. The Employer reserves the right to accept or to reject any tender, to annul the process and reject all tenders at any time without assigning any reason or incurring any liability to the tenderers. The Employer also reserves the right to restrict the list of qualified contractors to any number deemed suitable by it, if too many bids are received satisfying the laid down criterion.

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The Employer does not bind himself to accept the lowest or any tender and reserves to himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rates quoted.

The Employer also reserves the right, without being liable for any damages or obligation to inform the tenderer, to:

- (a) Amend the scope and value of contract to the tenderer
- (b) Reject any or all the applications without assigning any reason.

9. Canvassing in connection with the tenders is prohibited and the tenders submitted by the contractor who resort to canvassing are liable for rejection.
10. The tenderer shall not be permitted to tender for works in the concerned unit of CSIR in which a relative is posted in the grade between Controller of Administration and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or subsequently employed by him and who are relatives as mentioned above.
NOTE: A person shall be deemed to be a relative of another if, and only if, (a) they are members of a Hindu undivided family; or (b) they are husband and wife; or (c) the one is related to the other in the following manner: Father, Mother (including step mother), Son (including step son), Son's wife, Daughter (including step daughter), Father's father, Son's son, Son's son's wife, Son's daughter, Son's daughter's husband, Daughter's husband, Daughter's son, Daughter's son's wife, Daughter's daughter, Daughter's daughter's husband, Brother (including step brother), Brother's wife, Sister (including step sister), Sister's husband.
11. Tender submitted shall remain valid for 90 days from the date of opening of Financial Offer for the purpose of acceptance and award of work, validity beyond 90 days from the date of opening shall be by mutual consent.
12. The tenderer shall quote rates both in figures and words. He shall also workout the amount for each item of work and write in both figures and words. On check if there are differences between the rates quoted by the tenderer in words and in figures or in the amount worked out by him, the following procedure shall be followed:
 - I. When there is a difference between the rates in figures and in words, the rates, which correspond to the amounts worked out by the tenderer, shall be taken as correct.
 - II. When the amount of an item is not worked out by the tenderer or it does not correspond with the rate written either in figures or in words, the rate quoted by the tenderer in words shall be taken as correct.
 - III. When the rate quoted by the tenderer in figures and in words tallies but the amount is not worked out correctly the rate quoted by the tenderer shall be taken as correct and not the amount.
13. The tenderer should see drawings and in case of doubt obtain required particulars, which may in any way influence his tender from the Engineer as no claim whatsoever will be entertained for any alleged ignorance thereof.
14. Before tendering, the tenderer shall inspect the site to fully acquaint himself about the condition in regard to accessibility of site, nature and extent of ground, working condition of site and locality including stacking of materials, installations of tools and plants (T&P) etc., conditions affecting accommodations and movement of labour etc. required for the satisfactory execution of the work contract. No claim whatsoever on such account shall be entertained by the Employer in any circumstances.
15. (a) If any tenderer withdraws his tender before the expiry of the validity period, or before the issue of letter of acceptance or work order, whichever is earlier, or makes any modification in the terms and conditions of the tender which are not acceptable to the department, then the employer shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the earnest money absolutely.

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(b). If the contractor fails to furnish the prescribed performance guarantee within the prescribed period, the earnest money will be absolutely forfeited to the employer.

(c). In case the contractor fails to commence the work specified in the tender documents or such time period as mentioned in the letter of award, after the date on which employer issues written orders to commence the work, or from the date of handing over of the site, whichever is later, the employer is at liberty to forfeit whole of the earnest money absolutely.

(d). If only a part of the work as shown in the tender is awarded, and the contractor does not commence the work, the proportionate earnest money with respect to cost of work so awarded will be forfeited. In case of forfeiture of earnest money as above, the tenderer shall not be allowed to participate in re-tender of the work.

16. Except writing rates and amount, the tenderer should not write any conditions or make any changes, additions, alterations and modifications in the printed form of tenders. **Tenderers who are desirous to offer rebate the same should be brought out separately in the covering letter and submitted along with the tender.**

17. Some of the provisions of General Conditions of Contract are given below. Interpretation however shall be as given in the General Conditions of Contract.

(a). Defect Liability Period: Twelve months from the date of completion as certified by the employer.

(b). Minimum value of work for the intermediate certificate: Rs. 2.00 Lakhs. However, intermediate certificate for a lesser amount can be admitted for payment at the discretion of the Engineer.

(c). Security Deposit : A sum @ 10% of the gross amount of the bill shall be deducted from each running bill of the contractor till the sum along with the sum already deposited as earnest money, will amount to security deposit of 5% of the tendered value of the work.

Performance Security : In addition, the contractor shall be required to deposit an amount equal to 5% of the tendered value of the contract as Performance Security within the period prescribed for commencement of work in the letter of award or the period prescribed for deposition of performance security in the letter of intent issued to him whichever is earlier.

(d). Compensation : Contractor shall pay as compensation an amount equal to one percent or such smaller amount as the Employer (whose decision in writing shall be final) may decide on the cost of the whole work as shown in the agreement for every week that the work remains uncompleted or unfinished or due quantity of work remains incomplete after the proper dates. Compensation to be paid shall not exceed ten percent of the estimated cost of the work as shown in the agreement.

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18. Para no. 18. Deleted.
19. For all specialist jobs e.g. lights, air conditioning, public address, fire protection, security/surveillance and building management systems etc. technical (covering also general and commercial terms) and financial offers will be given separately in two sealed covers.
20. Purchase preference will be given to Central Public Sector Enterprise (CPSE) for award of works costing between Rs.5 crores to Rs.100 crores as per provisions contained in para 20.10.9 in CPWD Manual 2003 and OM No.DPE/13(12)/2003-Fin Vol.II dated 18.07.05 issued by department of Public Sector Enterprise, Govt. Of India.
21. Clauses No. 28 of conditions of contract i.e. "**ESCALATION**" will not be applicable in this contract since the duration of contract is less than 18 months.

Signature of Tenderer with Seal

CSIR-INDIAN INSTITUTE OF CHEMICAL BIOLOGY, KOLKATA

BRIEF PARTICULARS OF WORK

- 1). Name of Work : **Strengthening and waterproofing treatment of P&I roof at CSIR-IICB, Jadavpur, Kolkata.**
- 2). Estimated Cost : **Rs.4.03 Lakh** (Rupees Four Lakh Three Thousand only).
- 3). Period of Completion : **2 (Two) month**
- 4).Scope of work
- (i) Providing and lying of APP (Atactic Polypropylene Polymer) over Roof Top.
 - (ii) Covering the top roof with Geotextile membrane.
 - (iii) Painting top of Roof with bitumen of approved quality.
 - (iv) Providing and lying Poly urethane paste in Expansion Joints.

Signature of Tenderer with Seal

**CSIR-INDIAN INSTITUTE OF CHEMICAL BIOLOGY
KOLKATA**

Name of Work : **Strengthening and waterproofing treatment of P&I roof at CSIR-IICB, Jadavpur, Kolkata**

SUMMARY OF COST

Total [brought forward from page no. 12] = Rs.....

Total in Words: (Rupees.....only)

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SCHEDULE OF QUANTITY

Strengthening and waterproofing treatment of P&I roof at CSIR-IICB, Jadavpur, Kolkata File No. – Admn.26(368)/2017					
Sl No.	Description of Item	Unit	Qty	Rate (Rs.)	Amount (Rs.)
1	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	sqm	34.00		
2	Dismantling expanded metal or I.R.C. fabrics or fibre glass cloth over sloped roof including stacking the serviceable material within 50 metres lead or as directed by Engineer-in-Charge.	sqm	518.00		
3	20 mm cement plaster 1:2 (1 cement : 2 stone dust).	sqm	34.00		
4	Making chases up to 7.5x7.5 cm in walls including making good and finishing with matching surface after housing G.I. pipe etc.	meter	39.00		
5	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10 mm and down gauge), including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design :In 75x75 mm deep chase	meter	75.00		
6	Providing and filling in position bitumen mix filler of Proportion 80 kg of hot bitumen, 1 kg. of cement and 0.25 cubicmetre of coarse sand	per cm depth per cm width per m (cum)	0.02		

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SI No.	Description of Item	Unit	Qty	Rate (Rs.)	Amount (Rs.)
7	Providing and laying APP (Atactic Polypropylene Polymer) modified prefabricated five layer 3 mm thick water proofing membrane, black finished reinforced with non-woven polyester matt consisting of a coat of bitumen primer for bitumen membrane @ 0.40 litre/sqm by the same membrane manufacture of density at 25°C, 0.87-0.89 kg/litre and viscosity 70-160 cps. Over the primer coat the layer of membrane shall be laid using Butane Torch and sealing all joints etc, and preparing the surface complete. The vital physical and chemical parameters of the membrane shall be as under : Joint strength in longitudinal and transverse direction at 23°C as 650/ 450N/5cm. Tear strength in longitudinal and transverse direction as 300/250N. Softening point of membrane not less than 150°C. Cold flexibility shall be upto -2°C when tested in accordance with ASTM, D 5147. The laying of membrane shall be got done through the authorised applicator of the manufacturer of membrane :3 mm thick	sqm	518.00		
8	Extra for covering top of membrane with Geotextile, 120 gsm non woven, 100% polyester of thickness 1 to 1.25 mm bonded to the membrane with intermittent touch by heating the membrane by Butane Torch as per manufactures recommendation.	sqm	518.00		
9	Painting top of roofs with bitumen of approved quality @ 17kg per 10 sqm impregnated with a coat of coarse sand at 60 cudm per 10 sqm, including cleaning the slab surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil complete :With residual type petroleum bitumen of grade VG - 10	sqm	518.00		
10	Providing and Laying PU (Poly Eurethene) Paste in Expansion Joint using 350ml sausage of area (50x25) mm ² of Sicaflex Construction (PU) brand or equivalent	meter	14.00		
Total Rupees					
(Rupees)					

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ANNEXURE- I

LETTER OF TRANSMITTAL

Request for Eligibility
(To be submitted by type-written in the letterhead of Tenderer)

Ref.No.....

Date.....

To
The Director
CSIR-Indian Institute of Chemical Biology,
4, Raja S.C.Mullick Road, Jadavpur
Kolkata – 700032

Sub: Submission of Tender for the Work of ‘.....’ at Indian Institute of Chemical Biology, Jadavpur Kolkata

Sir,

I/we have read, examined tender documents with all its contents & conditions carefully and have no doubt on it and agreed to execute the work as per said conditions.

I/we hereby certify that all documents displayed in the tender documents are downloaded and printed at its true format as displayed and no addition alteration modification are made in that document. I/we also agree that if any addition alteration modifications are found in my/our tender, this would be summarily rejected and I/we would have no claim on it.

I/we have furnished all information and supporting details necessary for eligibility and have no further pertinent information to supply. I/we also certify that all the information supplied is true and correct. I/we also agree that in case of any misleading or false or deliberately suppressed information or record of poor performance such as abandoning work, not properly completing contract or financial failure/weakness etc. I/we may be liable for disqualification.

I/we also authorize the Director, IICB or his authorized representative to approach individuals, employers, firms or corporation to verify our competence and general reputation.

I/we hereby tender for the execution of aforesaid work within the time specified in tender and in accordance in all respects with the specifications, designs, drawings and instructions referred in General condition of contract and with such materials as are provided for by and in respects in accordance with such conditions, so far as applicable.

I/we agree to keep the tender open for 90 days after opening of price bid which would be opened preferably within a month after opening of eligibility documents and not to make any modifications in its terms and conditions.

‘Earnest Money’ amounting to Rs...../- from scheduled bankbranch..... vide DD/Pay Order No..... as well as ‘Cost of Tender’ amounting to Rs.....from scheduled bankbranch..... vide DD/Pay Order No..... ; both drawn in favour of Director, Indian Institute of Chemical Biology, Kolkata are deposited along with the tender and are placed inside ‘Envelope No1’ marked as ‘Eligibility Documents’.

I/we further agree that if I/we fail to furnish the prescribed performance security within the prescribed period, IICB without prejudice to any other right or remedy be at liberty to forfeit the earnest money absolutely. Further if I/we fail to commence the work as specified, I/we agreed that IICB shall without prejudice to any other right or remedy be at liberty to forfeit both the earnest money and performance security absolutely.

Further I/we agree that in case of forfeiture of earnest money or earnest money and performance security as aforesaid, I/we shall be debarred for participation in the re-tendering process of the work.

I/we hereby declare that I/we shall treat the tender documents, drawings and other records connected to this work as secret / confidential documents and shall not communicate information derived there from to any person other than a person to whom I/we am/are authorized to communicate the same or use the information in any manner prejudicial to the safety and security to IICB.

Enclosures:

Signature of Tenderer with Seal