

CSIR- INDIAN INSTITUTE OF CHEMICAL BIOLOGY, KOLKATA

TENDER

FOR

**REPAIR AND RENOVATION OF BUILDING, SANITARY
AND WATER SUPPLY SERVICE AT CSIR-IICB
JADAVPUR AND SALT LAKE CAMPUS, KOLKATA
(AMC)**

APRIL 2017



TENDER NO. ADMN. 26(370)/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: **Repair and Renovation of Building, Sanitary and Water Supply Service at CSIR-IICB Jadavpur and Salt Lake campus, Kolkata (AMC)**

Tender No. : **Admn.26(370) / 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.

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

PRESS NOTICE

Tender No. : **Admn.26(370) / 2017**

Date: **05/05/2017**

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 : Repair and Renovation of Building, Sanitary and Water Supply Sevice at CSIR-IICB Jadavpur and Salt Lake campus, Kolkata (AMC)
2. Estimated Cost : Rs. 10,14,200.00
3. Time of Completion : 1 (One) year
4. Cost of Tender : Rs.500.00 (Rupees Five Hundred only)
5. EMD : Rs. 20300.00 (Rupees Twenty Thousand Three Hundred only)
6. Availability of tender at website : From 09/05/2017 to 18/05/2017 up to 4-30 P.M
7. Last date & time of submission : 19/05/2017 up to 3-00 P.M
8. Date & Time of Opening : 19/05/2017 up to 3-30 P.M

Executive Engineer (Civil)

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

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

NOTICE INVITING TENDERS

1. Tenders are hereby invited for the work of “**Repair and Renovation of Building, Sanitary and Water Supply Service at CSIR-IICB Jadavpur and Salt Lake campus, Kolkata (AMC).**” 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.4,05,680.00 or above
or
Two completed works each costing Rs.6,08,520.00 or above
or
One completed work costing Rs.8,11,360.00 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.10,14,200.00** (Rupees Ten Lakh Forteen Thousand Two Hundred Only). The estimate based on CPWD Delhi Schedule Rate 2014 and market rate. This estimate however is given merely as a rough guide.
3. Total time for carrying out the work will be **1 (One) year** 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 **09/05/2017 to 18/05/2017 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,

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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 :

- (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.20,300.00** (Rupees Twenty Thousand Three Hundred only) as Demand Draft or Pay Order of a schedule bank and drawn in favour of **Director, Indian Institute of Chemical Biology, Kolkata.**
- (ii) Cost of Tender of **Rs.500.00** (Non-refundable) as Demand Draft or Pay Order of a scheduled bank drawn in favour of Director, Indian Institute of Chemical Biology, Kolkata.

Cover-B should contain the following:

- i. **Letter of Transmittal (Annexure-I)**
ii. **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 19/05/2017** 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.

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(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 / Administrative Officer.

7. **The Earnest Money amounting to Rs. 20,300.00** (Rupees Twenty Thousand Three Hundred 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.
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

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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.

(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.2.50 Lakh**. However intermediate certificate for a lesser amount can be admitted for payment at the discretion of the Engineer.

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(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.

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.

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CSIR-INDIAN INSTITUTE OF CHEMICAL BIOLOGY, KOLKATA

BRIEF PARTICULARS OF WORK

1). Name of Work : **Repair and Renovation of Building, Sanitary and Water Supply Service at CSIR-IICB Jadavpur and Salt Lake campus, Kolkata (AMC)**

2). Estimated Cost : **Rs.10,14,200.00** (Rupees Ten Lakh Forteen Thousand Two Hundred only).

3). Period of Completion : **1 (One) Year**

4.) Scope of the work :

- Dismantling works.
- Brick work and Concrete works.
- Carpentry works.
- Aluminum and glazing works.
- Steel works.
- Flooring works.
- Plumbing and Sanitary works.
- Plastering and Painting works.
- Other ancillary works as per attached schedule of quantities.

5). Work shall be executed according to General Conditions of Contract for CSIR works.

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

Name of Work : **Repair and Renovation of Building, Sanitary and Water Supply
Sevice at CSIR-IICB Jadavpur and Salt Lake campus, Kolkata
(AMC)**

Tender No. : **Admn.26(370)/2017**

SUMMARY OF COST

Total [brought forward from page no. 21] = Rs.....

Total in **Words:**

(Rupees.....only)

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SCHEDULE OF QUANTITY

Repair and Renovation of Building, Sanitary and Water Supply Sevice at CSIR-IICB Jadavpur and Salt Lake campus, Kolkata (AMC)

Tender No. Admn. 26(370)/2017

Sl No.	Description of Item	Unit	Qty	Rate (Rs.)	Amount (Rs.)
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	Cum	8.00		
2	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :Of area 3 sq. metres and below	Each	5.00		
3	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge :15 mm to 40 mm nominal bore	Metre	50.00		
4	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge :Above 40 mm nominal bore	Metre	50.00		
5	Dismantling dressed stone work ashlar face stone work, marble work or precast concrete work manually/ by mechanical means including stacking of serviceable and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge :In cement mortar	Cum	3.00		
6	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	121.00		

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Sl No.	Description of Item	Unit	Qty	Rate (Rs.)	Amount (Rs.)
7	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material with in 50 meters lead as directed by Engineer-in-charge.	Sqm	40.00		
8	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor, other floors etc., up to floor five level, excluding the cost of centering, shuttering and finishing :1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	Cum	8.50		
9	Brick work with F.P.S. bricks of class designation 75 in foundation and plinth in: Cement mortar 1:4 (1 cement : 4 coarse sand)	Cum	1.15		
10/ a	Providing and fixing bright finished brass butt hinges with necessary screws etc. complete :125x85x5.5 mm	Each	8.00		
10/ b	Providing and fixing bright finished brass butt hinges with necessary screws etc. complete :100x85x5.5 mm	Each	8.00		
11	Providing and fixing IS : 3564 marked aluminium extruded section body tubular type universal hydraulic door closer with double speed adjustment with necessary accessories and screws etc. complete.	Each	12.00		
12	Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles with necessary screws etc complete (best make of approved quality).	Each	8.00		
13/ a	Providing and fixing special quality chromium plated brass cupboard locks with six levers of approved quality including necessary screws etc. complete. Size 40 mm	Each	2.00		

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Sl No.	Description of Item	Unit	Qty	Rate (Rs.)	Amount (Rs.)
13/ b	Providing and fixing special quality chromium plated brass cupboard locks with six levers of approved quality including necessary screws etc. complete. Size 40 mm	Each	2.00		
14	Providing and fixing chromium plated brass 50 mm cupboard or wardrobe knobs with nuts complete.	Each	2.00		
15/ a	Providing and fixing chromium plated brass handles with necessary screws etc. complete:125 mm	Each	2.00		
15/ b	Providing and fixing chromium plated brass handles with necessary screws etc. complete:125 mm	Each	2.00		
15/ c	Providing and fixing chromium plated brass handles with necessary screws etc. complete:125 mm	Each	2.00		
16/ a	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete :250x10 mm	Each	2.00		
16/ b	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete :200x10 mm	Each	2.00		
16/ c	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete :150x10 mm	Each	2.00		
16/ d	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete :100x10 mm	Each	2.00		
17/ a	Providing and fixing special quality bright finished brass cupboard or ward robe locks with four levers of approved quality including necessary screws etc. complete.40mm	Each	2.00		
17/ b	Providing and fixing special quality bright finished brass cupboard or ward robe locks with four levers of approved quality including necessary screws etc. complete.50mm	Each	2.00		
18	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete.	Each	2.00		

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Sl No.	Description of Item	Unit	Qty	Rate (Rs.)	Amount (Rs.)
19	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg	220.00		
20	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS:15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	Sqm	30.00		
21	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600x600 mm	Sqm	100.00		
22	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) :25 mm thick	Sqm	15.00		
23	15 mm cement plaster on rough side of single or half brick wall of mix : 1:4 (1 cement: 4 coarse sand)	Sqm	121.00		

Signature of Tenderer with Seal

Sl No.	Description of Item	Unit	Qty	Rate (Rs.)	Amount (Rs.)
24	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	Sqm	109.00		
25	Applying one coat of cement primer of approved brand and manufacture on wall surface :Water thinnable cement primer	Sqm	435.00		
26	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	Sqm	302.00		
27	Distemping with 1st quality acrylic distemper (ready mixed) of approved manufacturer, of required shade and colour complete, as per manufacturer's specification.Two or more coats on new work	Sqm	423.00		
28	Finishing walls with textured exterior paint of required shade :Old work (Two or more coats on existing cement paint surface applied @ 3.28 ltr/10 sqm.	Sqm	12.00		
29	Applying priming coat :With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood)	Sqm	10.00		
30	Applying priming coat with ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel work.	Sqm	101.00		
31	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	Sqm	111.00		
32	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.(i) Single socketed pipes.110 mm diameter	Metre	121.00		

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Sl No.	Description of Item	Unit	Qty	Rate (Rs.)	Amount (Rs.)
33	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.Flexible pipe.'32 mm dia	Each	30.00		
34	Providing and fixing PTMT Bottle Trap for Wash basin and sink.Bottle trap 38mm single piece moulded with height of 270mm, effective length of tail pipe 260mm from the centre of the waste coupling 77mm breadth with 25mm minimum water seal, weighing not less than 263gms	Each	5.00		
35	Providing and fixing PTMT liquid soap container 109mm wide, 125mm high and 112mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour. weighing not less than 105 gms.	Each	5.00		
36	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap	Each	3.00		
37	Providing and fixing white vitreous china laboratory sink with C.I. brackets, C.P. brass chain with rubber plug, 40 mm C.P brass waste and 40mm C.P. brass trap with necessary C.P. brass unions complete, including painting of fittings and brackets, cutting and making good the wall wherever required :Size 600x450x200 mm	Each	3.00		
38	Providing and fixing draining board with C.I. brackets including painting of brackets, cutting and making good the walls wherever required :White glazed fire clay draining board of size 600x450x 25 mm	Each	3.00		

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Sl No.	Description of Item	Unit	Qty	Rate (Rs.)	Amount (Rs.)
39/ a	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement ,trenching ,refilling & testing of joints complete as per direction of Engineer in Charge.15 mm nominal outer dia Pipes	Metre	10.00		
39/ b	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement ,trenching ,refilling & testing of joints complete as per direction of Engineer in Charge.20 mm nominal outer dia Pipes	Metre	10.00		
39/ c	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement ,trenching ,refilling & testing of joints complete as per direction of Engineer in Charge.40 mm nominal outer dia Pipes	Metre	10.00		
39/ d	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement ,trenching ,refilling & testing of joints complete as per direction of Engineer in Charge.50 mm nominal outer dia Pipes	Metre	15.00		
40/ a	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc.Internal work - Exposed on wall.15 mm dia nominal bore	Metre	20.00		
40/ b	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc.Internal work - Exposed on wall.25 mm dia nominal bore	Metre	20.00		

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Sl No	Description of Item	Unit	Qty	Rate (Rs.)	Amount (Rs.)
40/c	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. Internal work - Exposed on wall. 40 mm dia nominal bore	Metre	20.00		
40/d	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. Internal work - Exposed on wall. 50 mm dia nominal bore	Metre	20.00		
41	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete : 15 to 40 mm nominal bore	Each	10.00		
42	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 50mm nominal Bore	Each	2.00		
43/a	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : 15 mm nominal bore	Each	5.00		
43/b	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : 20 mm nominal bore	Each	5.00		
44	Providing and fixing uplasticised PVC connection pipe with brass unions : 30 cm length : 15 mm nominal bore	Each	11.00		
45	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 : 15 mm nominal bore	Each	5.00		
46	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. 15 mm nominal bore	Each	5.00		
47	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 a) 15 mm nominal bore	Each	11.00		
48	Providing and fixing PTMT swivelling shower, 15mm nominal bore. Weighing not less than 40gms	Each	10.00		

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Sl No.	Description of Item	Unit	Qty	Rate (Rs.)	Amount (Rs.)
49	Providing and fixing solid plastic seat with lid for pedestal type W.C. pan complete :White solid plastic seat with lid	Each	5.00		
50	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :For fixed portion.Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	Kg	400.00		
51	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15):For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately).	Kg	160.00		

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Sl No.	Description of Item	Unit	Qty	Rate (Rs.)	Amount (Rs.)
52	Providing and fixing 12mm thick pre-laminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge.Pre-laminated particle board with decorative lamination on both sides.Pre-laminated particle board with decorative lamination on both sides.	Sqm	16.50		
53	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):With float glass panes of 5.50 mm thickness.	Sqm	22.00		
54	Providing and fixing double action hydraulic floor spring of approved brand and manufacture conforming to IS : 6315, having brand logo embossed on the body / plate with double spring mechanism and door weight upto 125 kg, for doors, including cost of cutting floors, embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer-in-charge.With brass cover plate minimum 1.25 mm thickness	Each	4.00		
55	Taking out Aluminium Door and Refixing after realaingment including changing of gasket, taper clip and angle all complete as directed by Engineer-in-Charge.	Sqm	14.00		

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S1 No.	Description of Item	Unit	Qty	Rate (Rs.)	Amount (Rs.)
56	Cleaning and removing silts from urinal waste Pipe attached to bottle trap/ Surface drain/ Inspection pit of different dia by Mathor Labour all complete as directed by Engineer-in-Charge.	Meter	230.00		
57	Cleaning and removing sediments from Bottle Trap by Mathor labour. all complete as directed by Engineer-in-Charge.	Each	148.00		
58	Providing and fixing Brass CP 15 mm Urinal spreader size 95x69x100 mm with 1/2" BSP thread and shapes. Weighing not less than 200 gms as directed by Engineer-in-Charge.	No	34.00		
59	Cleaning and removing sediments from S/P trap by Mathor Labour all complete as directed by Engineer-in-Charge.	No	22.00		
60	Repairing of Three Way Swan Neck Tap by providing & fixing inner valves, threading and nickel plating all complete.	Each	10.00		
61	Supply of skilled labour for day to day maintenance work at CSIR-IICB TRUE, Saltlake Campus, Kolkata-91	Each	50.00		
62/a	Supplying, fitting and fixing C.I. round grating.100 mm	Each	5.00		
62/b	Supplying, fitting and fixing C.I. round grating.150 mm	Each	5.00		
63	Providing and fixing scaffolding system on the exterior side, up to five story height made with Bamboo centre to centre horizontal & vertical joining with coir rope and also providing working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after .The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineer-in-charge .The elevational area of the scaffolding shall be measured for payment purpose .The payment will be made once irrespective of duration of scaffolding.	Sqm	371.00		
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