



national centre for biological sciences
tata institute of fundamental research

Ref: NCBS/H SES&M/Ar-In-1043-1/262/2011-12

16th April 2012

To,
Tenderers.

Dear Sir,

Sub: Design, Fabrication & installation of Clear Multiwall Polycarbonate sheet covering for the Courtyard of C-Camp Laboratory Building at NCBS campus.

Ref: NIT No: NCBS/H I & C/Tr No.123 Dated: 16.04.2012

Please find enclosed herewith the NIT cited above with other work details of the subject work for perusal and submission of competitive tenders for the work. Please note that copy of this letter with enclosure duly signed by you in all pages shall be submitted along with the tender in the Technical bid cover failing which the tender is liable to be rejected.

The tender shall be submitted so as to reach this office by 15:00 hours on 25.04.2012. Delayed / Late Tenders is liable to be rejected.

Thanking you,

Yours Faithfully,


Head C&M 18/4

Encl: NIT with Annexure A, B, & C & Drawing.

GKVK, Bellary Road. Bangalore 560 065
Phone +91-80 -23666355/50 □ Fax +91-80-23636
bvachar@ncbs.res.in/savitha@ncbs.res.in □ www.ncbs.res.in

NATIONAL CENTRE FOR BIOLOGICAL SCIENCES

Tata Institute of Fundamental Research
GKVK Campus, Bellary Road, Bengaluru - 560 065.
Phone: 23636352 - Fax: 23636662

NOTICE INVITING TENDER

NIQ Ref: NCBS/H I-C/Tr No.123/2012

Dated: 16.04.2012

On behalf of C-CAMP, sealed tenders are invited by Head (I & C), NCBS in two cover system viz Technical and Commercial Terms cover & Price Bid cover, from firms having experience in similar nature & magnitude of works of design, fabrication & installation of poly carbonate sheet roofing as indicated below:

Name of Work: - Design, Fabrication & installation of Clear Multiwall Polycarbonate sheet covering for the Courtyard of C-Camp Laboratory Building at NCBS campus.

Estimated Value of work	: Rs. 8.45 Lakhs (Approx)
Period of Completion	: 1 (One) Month
EMD	: Rs. 16,900

Broad details of the proposed work are attached as annexure A. The tenderers shall visit the site, study the requirements of the Department and submit their detailed proposal for the work with design, specification for the proposed work in "Technical and Commercial Terms cover" and their competitive offer in "Price Bid" Cover.

Interested Tenderers who have requisite experience in execution of works of similar nature and magnitude may down load this NIT along with Annexure A, B, C & Tender Drawing from NCBS website, www.ncbs.res.in, under web page "Tenders and Expression of Interest" and submit the tender accordingly.

Tenders will be received upto **15.00 Hrs** on **25.04.2012** by the Head – (I & C), National Centre for Biological Sciences, (NCBS) TIFR, GKVK Campus, Bellary Road, Bangalore and will be opened on the same day at 15.30 hr in the presence of intending tenderers.

Tenders should be submitted in two (2) sealed cloth lined covers one superscribed "Techno-Commercial Bid" and other "Price Bid". Both covers shall be put in another sealed cloth lined cover superscribing the name of work, NIT number and name of Tenderer. In case any deviations are intended from Departmental Conditions and specification the same shall be put in the "Techno Commercial Bid" Cover. The proposal for the work by the tenderer with design, drawing, specification etc, the list of works of similar nature and magnitude as mentioned above

completed by the tenderer in the last 3 years, works on hand, the EMD said above, credentials of the tenderer and any other details that the tenderer desires in support of his competence to execute the work etc shall also be placed in the "Techno-Commercial Bid" Cover. **The Price Bid only shall be placed in "Price Bid" Cover.** The techno-commercial bid will be first opened on the due date and time of opening and the technical capability of the tenderer to execute the subject work will be evaluated. The tenderers who are technically competent and whose design proposal meet the departmental requirements and technically acceptable based on the technical evaluation, including, if necessary, inspection of works, would be informed of the time/date of opening of "Price Bid". Price bids of those tenderers who have been technically qualified alone shall be opened.

Based on the technical scrutiny the department desires to modify the designs to meet departmental requirements, the tenderer shall have to modify the design proposals. Due to this modification if the tenderer desires to revise his price bid he will be given an opportunity for the same.

The Earnest Money Deposit (EMD) indicated above shall be enclosed to "Techno-Commercial Bid" cover. The tenders not accompanied by the EMD are liable to be summarily rejected. The EMD is to be submitted in the form of Demand draft drawn from any Scheduled Banks in favor of **C-CAMP Bangalore**. Cash & Cheques or other mode of earnest money deposit will not be accepted.

If any tenderer withdraws his tender after the price bid is opened within the validity – period or makes any modifications in the terms and conditions of the tender which are not acceptable to the Department, then the C-CAMP / NCBS shall without prejudice to any/or other right or remedy be at liberty to forfeit 50% (Fifty Percent) of the earnest money absolutely.

The tenderers shall specifically note the following:

- a. Time is the essence of the contract.
- b. Towards Security Deposit, deductions will be made from the Contractor's bills at the rate of 10% of the Gross amount of each running bill till the sum along with the sum already deposited as earnest money (Converted into Security Deposit) amounts to 10% of the tendered value. The Security Deposit so recovered shall be released after the expiry of defects liability period of **Six Months** from the date of completion of work as recorded by Engineers in charge.
- c. The tenderes shall follow the safety and security procedures of NCBS during execution of the work.
- d. The work should be executed as per the standard specification and the measurements shall be recorded as per actual execution.
- e. The tenderers should visit the site and understand the exact requirement of Department.

- f. They may contact NCBS Maintenance Office, (Civil) for any clarification by person / phone/ fax (given below).
Ph: 91-80-23666355/52
Fax: 91-80-23636662
- g. C-Camp / NCBS does not bind to accept the lowest or any other tender, and reserves the right to reject any or all of the tenders or to allot parts of the works to different agencies without assigning any reason there for.
- h. The tenders with conditions not acceptable to the department is likely to be rejected.
- i. Tenders with conditional rebate shall be summarily rejected.
- j. Canvassing in connection with tender will result in disqualification.


Head - I & C



Name of Work: Supply, Fabrication & Installation of clear multiwall polycarbonate sheet. Covering for the courtyard of C-Camp Laboratory Building at NCBS

Annexure 'A'

Proposal of the Department

SI No	Description	UOM	Quantity	Rate		Total Amount	
				Rs.	Ps.	Rs.	Ps. (In figure & words)
1	<p>Design, Fabrication, Supplying and Erection of 10mm thick multichamber polycarbonate sheet roofing over partly existing roof, by raising/providing appropriate roof supporting system with MS Sections etc including:</p> <p>(a) Supporting MS frame work purlis at equal intervals of MS Gutter of 16g, PVC Rain water down take pipe (the roof rain warer should be connected to drain at ground level) including requisite base plate, anchor fasteners and necessary accessories.</p> <p>(b) Supplying and fixing of 10mm thick Multiple wall Polycarbonate sheet Lexan make to cover total proposed roof area including covering vertical gaps at supports at terrace upto roof to ensure that there will not be any rain water leakage to courtyard area proposed to be covered.</p> <p>The following shall be taken care off.</p> <p>a) MS frames both existing and new shall have to be finished with two coats of Anti Corrosive Zynchromite yellow primer and two coats of approved white enamel paint as per specification.</p> <p>b) The polycarbonate sheet length shall be such that the number of joint shall be minimum and as approved.</p> <p>c) Rate shall be inclusive of material, labour, transportation, erection including cost of scaffolding, and all taxes etc complete.</p> <p>d) 10 years warranty shall be furnished for polycarbonate sheet.</p> <p>e) Rate quoted shall be for works at all heights, leads, lifts including cost of scaffolding etc and nothing extra is payable.</p> <p>f) Work shall be executed without disturbing the functioning in the laboratory in this building which may necessitate to work overtime, including all taxes levies etc on holidays which shall be taken care while quoting.</p> <p>g) The roof design shall take into account easy cleaning of roof top. The entire work shall be executed in a professional manners with good workman ship with respect to line, level finishing etc.</p>	Sqm	150				
TOTAL							
GRAND TOTAL (In figure and words)							

Signature of the Contractor

Date:

Seal

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ANNEXURE - B

INSTRUCTIONS TO THE TENDERER

1. National Centre for Biological Science (NCBS) is a part of the Tata Institute of Fundamental Research on a 20 acre plot in the University of Agricultural Sciences – GKVK Campus. The main Academic and Research block has various labs, equipment rooms, Lecture / Seminar halls, library etc. which are fully functioning.
2. The Contractor shall inspect the work spot and study prevailing details at NCBS, study enclosed drawings, specifications, General Terms and Conditions before quoting.
3. Tenders shall be submitted in sealed cover, along with a covering letter, giving complete details using enclosed tender papers.
4. Each page of the offer should bear the signature, date and address of the firm.
5. The tender papers are not transferable. Only the party to whom the documents have been issued shall be entitled to quote.
6. The Bill of Quantities is to be read for the purpose of pricing, in conjunction with the General Terms & Conditions, which are enclosed.
7. Bids containing erasures or alterations will not be considered, unless attested by the authorized signatory.
8. Tenders, which do not comply with the above conditions, are liable to be rejected.
9. Any clarifications required, the Contractor may contact the **Head- Civil and Maintenance at the National Centre for Biological Sciences, GKVK, Bellary Road, Bangalore-560 065 (Telephone: STD Code 080-23666357, Fax: 080-23636662, E-mail: bvachar@ncbs.res.in , savitha@ncbs.res.in)**

Signature of the Contractor

Date:

Seal:

ANNEXURE - C

GENERAL TERMS & CONDITIONS

1. The work to be done (as per schedule of quantities) consists of all labours, materials, tools, implements, equipments and services etc., required to execute the work specified in the tender, strictly in accordance with the specifications, drawings, conditions, etc., which include everything required and necessary to complete the entire work properly. Notwithstanding the fact that every item necessarily involved may not be specially mentioned. All work, when finished will be delivered in a complete and undamaged state.
2. The prices quoted including packing, loading, unloading, transportation charges which may have to be incurred by the Contractors the quoted rates in the Schedule of quantities shall be inclusive of value of the work described including all cost and expenses which may be required in and for the execution of the work described together with all general rules, liabilities and obligations set forth or implied in these documents. NCBS shall not supply any material towards this work, unless otherwise specified.
3. **The quotation shall include all duties, taxes and levies including Excise duty / VAT / Sales Tax/Works Contract Tax etc. Rates shall be valid for a period of 1 year and the Selected Agency shall further take up such works which may be required by the Institute from time to time within this period with similar specification, at the rates derived from the agreed rates vide this tender.**
4. Power supply, if required for work, shall be provided by NCBS at one point, from where the Contractor shall make their own arrangements for further extension as may be required for this particular work. Such extensions shall be made in accordance with IS norms and standard conditions duly ensuring all safety requirements for the temporary power connection as per direction of officer in-charge of work / EIC of work..
5. NCBS shall not be responsible for death, accident or injury to their employees engaged by the contractors, which may arise in the course of their duty at our premises, nor shall we be responsible and be liable to pay damage or compensation to such persons or to third parties. The Contractor will at all times indemnify and keep us indemnified against all claims which may be under the Workmen's Compensation Act, 1923, or any statutory modifications thereof or otherwise for or in respect of any damages or compensation payable in consequence of any accident or injury sustained by any workman or other person whose entry into our premises has been authorized by the contractor. Similarly, if any damage to any other person/persons at the Centre or premises or building is attributable to the Contractor, such damages shall be made good by the Contractor at his cost. Till the work is completed in all respects and handed over to NCBS, it is the responsibility of the contractor to protect his materials from theft, damages due to fire or any such causes.

Signature of the Contractor

Date:

Seal:

6. Contractor shall follow strictly Government Labour Acts which are in force at present and all necessary arrangements for labour will have to be made by the Contractor.
 7. The Contractor shall be responsible for storing, handling, transporting and custody (including safety) of all materials covered in this Contract including loading and unloading of materials as required. They shall make their own arrangements for completing the work and cleaning as per the instructions of the Head – (C M). As NCBS is campus, where cleanliness is very important, the contractor should keep premises of the work place always clean and tidy. Any dust, rejected or damaged materials, debris etc, generated out of the work should be cleaned then and there, at least twice a day so that the premises are always clean. If the cleaning is not done same day, it will be got done by NCBS and the cost recovered from the bills of the contractor.
 8. During installation of the structure at C-Camp, the Contractor shall follow all security rules as may be existing at NCBS with respect to material movement, entry of personnel etc.
 9. Work at NCBS shall be restricted between 09:00 am and 05:30 pm only. However due to exigency of work, if it is necessary to work beyond or earlier to stipulated time as instructed by officer in charge / Engineer in charge (EIC) of work, prior approval to be obtained well in advance.
 10. Samples of all materials including metal components with hardware & fixtures to be approved by the EIC / offer in charge prior to mass procuring.
 11. All finished products shall be well packed and delivered to NCBS stores. The Contractor shall make good any damage to the finished product during transportation to NCBS or installation at NCBS
 12. **COMPLETION PERIOD – One month from the date of receipt of work order.**
 13. **PAYMENT TERMS-**
 - a. Bills shall be submitted to the EIC / Officer in-charge, only after satisfactory certification of works.
 - b. 90% Payment against bills claimed shall be released within **30 days** after the completion and satisfactory certification from the Officer in- charge / EIC.
 - c. 10% after completion of one year from the date of acceptance as retention amount.
 16. **GUARANTEE PERIOD – A guarantee of minimum of One year for the work and for fabric minimum 3 years to be furnished by tenderer.**
 14. NCBS shall decide on the compensation to be imposed for improper / substandard finishes or delay or non-satisfactory completion which shall be binding on the contractor.
 15. All disputes and other matters of disagreement between the contractor and the Engineer In-Charge / Officer In-Charge NCBS, arising out of this agreement, shall be referred to Director National Centre for Biological Sciences and the decision of the Director National Centre for Biological Sciences shall be final and binding on both the parties.
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Signature of the Contractor

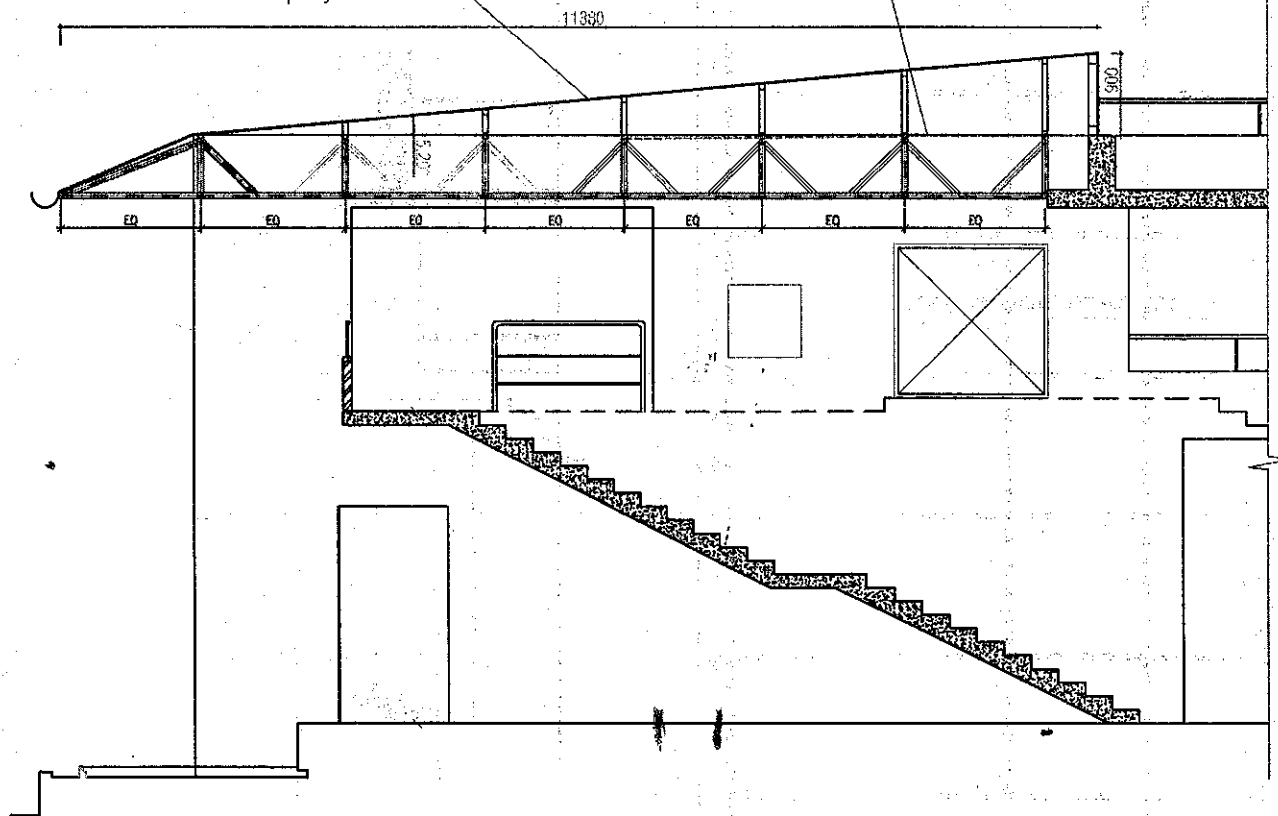
Date:

Seal:

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proposed roof covering
with 10mm multiwall polycarbonate

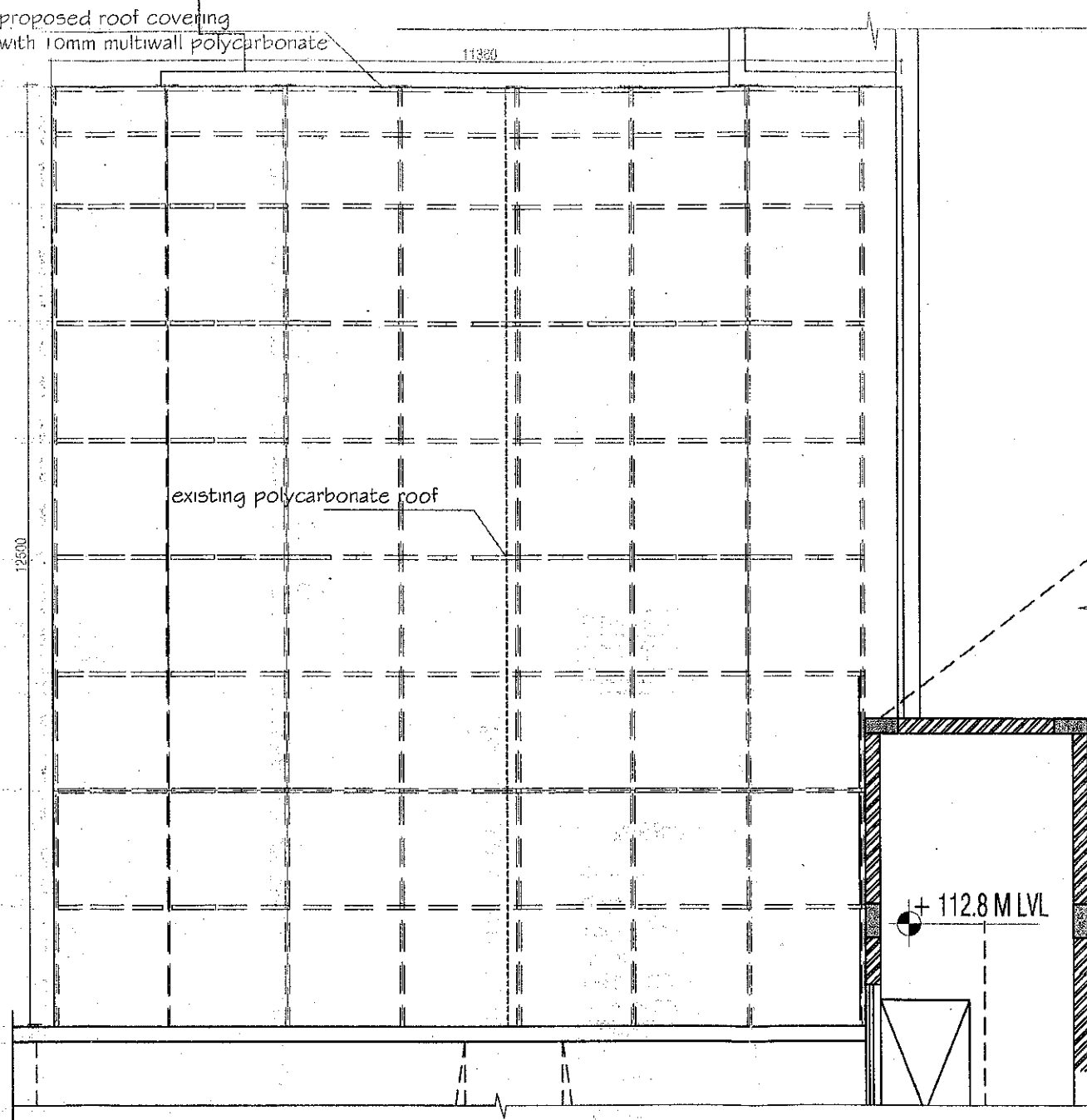
existing polycarbonate roof



Section through courtyard

proposed roof covering
with 10mm multiwall polycarbonate

existing polycarbonate roof



Part plan

Notes:
1. See details from the floor deck and approval
2. Do not use 10mm multiwall polycarbonate
3. All dimensions are in millimeters unless otherwise stated
4. Any discrepancy in the drawing to be notified to the engineer in writing
before drawing is printed.

Rev.	Date	Amendment

APPROVED FOR TENDER

PROJECT :
ROOF COVERING FOR THE
COURTYARD OF CCAMP
LABORATORY BUILDING
AT NCBS CAMPUS.

DWG TITLE:
PLAN AND CROSS SECTION

Drawn	Asha	Date	18th April 12
Checked		Scale	NTS
Architect	Saritha	Project No.	
Drawing No.	C-CAMP/ROOF/AR-01	Rev	