

HSCC (INDIA) LIMITED
(A Government of India Enterprise)
PLOT NO. 6(A), BLOCK E, SECTOR-I, NOIDA (UP)-201301
PHONES – 91-120- 2542436/37/38/40/43 Ext. 203, 91-120-2544926

No. HSCC/ PG-III /NIOH/2009/01

Dated: 30.04.2009

TENDER NOTICE

HSCC (India) Ltd. on behalf of National Institute of Occupational Health, Ahmedabad invites sealed bids from the specialized firms/agencies for the works “Conducting various non destructive tests to assess the structural stability of existing Animal House Building at NIOH Campus, Ahmedabad”.

Further details can be obtained from above mentioned HSCC (India) Ltd. office at Noida & HSCC website <http://www.hsccltd.com>. A complete set of bid documents can be obtained from HSCC office by any interested eligible firm on any working day from 1.5.2009 to 18.05.2009 between 10.00 AM to 4.00 PM. The last date of submission of bid is 19.05.2009 up to 14.30 hrs. The bids shall be opened on the same day at 15.00 hrs. The prospective firms are requested to visit the HSCC website regularly for any further announcement / clarifications /addendum/ corrigendum.

General Manager PG-III

**NATIONAL INSTITUTE OF OCCUPATIONAL HEALTH
(INDIAN COUNCIL OF MEDICAL RESEARCH)
MEGHANI NAGAR, AHMEDABAD**

TENDER

FOR

**CONDUCTING VARIOUS NON DESTRUCTIVE TESTS TO ASSESS THE
STRUCTURAL STABILITY OF EXISTING ANIMAL HOUSE BUILDING**

AT

NIOH CAMPUS, AHMEDABAD

APRIL 2009

CONSULTANTS

**HSCC (INDIA) LIMITED
PLOT NO. 6(A), BLOCK E, SECTOR-I, NOIDA (UP)-201301
PHONES - 0120- 2540272**

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General Manager PG-III

Conducting various non- destructive tests to assess the Structural Stability of Existing Animal House Building at NIOH Campus, Ahmedabad.

INSTRUCTIONS

Sealed tenders are hereby invited by HSCC (India) Ltd. on behalf of National Institute of Occupational Health, Ahmedabad (Gujarat) from competent specialized agencies working in the field of determining the structural stability of existing buildings by conducting various Non Destructive Tests. The agency shall carry out the tests to determine the structural strength of the existing building of Animal House at NIOH, Ahmedabad as per enclosed scope of work, general terms and conditions, time period and mode of payments etc. The bid documents can be also down loaded from HSCC web site website <http://www.hsccltd.com>.

Tenderer should visit the site at his own expenses before quoting the rates.

The offer shall be submitted in sealed covers marked “Conducting various non- destructive tests to assess the Structural Stability of Existing Animal House Building at NIOH Campus, Ahmedabad (Gujarat) as detailed below :

ENVELOPE MARKED NO.1

Shall contain an Earnest money of Rs.5,000/- (refundable) in the form of either demand draft or pay order from a nationalized/ Scheduled Bank in favour of HSCC (India) Ltd, payable at Noida / Delhi

ENVELOPE MARKED NO. 2

Shall contain all documents except “Price bid” supplied with the tender duly signed and filled.

ENVELOPE MARKED NO. 3

Shall contain Lump sump price bid clearly giving the price break up of items/tests mentioned in scope of work (From S.No. 1 to SnO.12) duly filled in, signed and stamped without any conditions.

All above three envelopes shall be sealed into fourth envelop and addressed to **General Manager - PG-III, HSCC (India) Ltd., E - 6(A), Sector -1, NOIDA, Uttar Pradesh- Pin- 201301.**

The name of work, tender No., due date, time and name of tenderer may be indicated on the top of fourth Envelope.

The last date of submission of tender is 19.05.2009 up to 14.30 Hrs. The tenders shall be opened in the presence of the representatives of the bidders who wish to participate in tender opening at 1500 Hrs on same day in the office of HSCC (I) Ltd.

offers not complete in all respects and/or received without earnest money, and conditional or not in accordance with our terms and conditions, will be summarily rejected. The decision of HSCC shall be final and binding in this regard. HSCC reserves the right to accept or reject any or all quotations without assigning any reason thereof and also take no responsibility for delay, loss or non-receipt of quotations sent by post either way.

Kindly note that offers shall be valid for three months from date of submission of your bid.

General Manager- PG-III

Brief Description of Project:

HSCC (India) Ltd. (A Government of India Enterprise) is working as Consultant to National Institute of Occupational Health (Indian Council of Medical research), Meghani Nagar, Gujarat for the upgradation of Animal House. The existing building is fully functional in G+2 structure. This is a 15 (App.) old building. One additional floor is to be added to this building . The existing building consist of 1038Sq. m area at Ground Floor, 1038 Sqm at First Floor and 1038 Sq. m area at 2nd Floor. The proposed area of New Construction at Terrace is approx. 700 Sq. m.

Pre Qualifying Criteria

Following is the pre qualification criteria for the tenderers:

Contractors working with CPWD, Railways, MES, P & T Deptt, State PWD's, Semi Government Organizations, CPSU's, Institutes or with reputed private Sector Firms who have:

1. Average Annual financial turnover during the last three years, ending 31st March of the previous financial year, should be at least 30% of the **estimated amount (Rs. 4,50,000/-)** i.e 2005-06, 2006-07, 2007-08.
2. Experience of having successfully completed similar works during last seven years ending last day of month previous to the one in which applications are invited should be either of the following;
 - a) Three similar completed works consisting not less than the amount equal to 40% of the quoted amount.

Or
 - b) Two similar completed works consisting not less than the amount equal to 50% of the quoted amount.

Or
 - c) One similar completed works consisting not less than the amount equal to 80% of the quoted amount.
3. Similar works here mean works mentioned in "Scope of Work".

All tenderers should submit the proof of works executed as above & "Satisfactory Performance Certificates from clients". Absence of submitting the same along with the tender may lead to disqualification of the tenderer.

SCOPE OF WORK

CONDUCTING NON DESTRUCTIVE TESTS & COLLECTION OF FIELD DATA AND REPORT SUBMISSION

The Scope of work is detailed as under: -

1. Study of existing /proposed Architectural layout drawings and existing structural system.
2. Detailed Physical observation of building and dimensional measurement of typical RCC members for structural verification.
3. Examination of soil strata at foundation level from trial pits and typical footing sizes.
4. Carrying out Ultrasonic Pulse Velocity Test on RCC Columns and beams at random to assess the quality /strength of in-situ concrete.
5. Carrying out rebound hammer Test on the RCC members at random to assess the quality /strength of in-situ concrete.
6. Carrying out Profometer test on RCC members at random to assess the disposition of peripheral re bars and probable dia for structural verification.
7. Carrying out Half – Cell Potential Difference test at random for assessment of corrosion in RCC members.
8. Carrying out Carbonation Test on RCC members at mid of every span for assessment of depth of carbonation in RCC members.
9. Carrying out chemical analysis of concrete for assessment of chlorides, sulphate content and determination of pH value of concrete.
10. Working out and recommending corrective /strengthening measures for distressed RCC members if feasible along with stages, sketches, specifications etc.
11. Theoretical Analysis and design verification for proposed additional floor based on data collected at site and for relevant seismic conditions.
12. Submission of a report on feasibility of providing additional floor or otherwise based on the results of above studies, feasibility of providing additional or otherwise

On completion of all the above fieldwork, collection of pertinent field data, test results and preparation of report, the agency shall submit a formal draft report containing all the information / field observations and test reports in triplicate for review of HSCC/NIOH. Thereafter the agency shall visit to Supervising Agency's office for detail discussions on Supervising Agency's comments if any. After discussion with the HSCC/NIOH, the agency shall incorporate the agreed modifications in the draft report at their own cost and submit six copies of the detailed final report (plastic coated with spiral binding) along with a set of photographs and related floppy diskette/ CD. The agency shall also submit along with report a copy of field book in original or an authenticated copy of the same duly certified by Engineer.

Tenderer should visit the site before quoting the rates at his own expenses.

General Conditions of Contract

The General Conditions of Contract are as under.

1.0 Security Deposit

Security deposit at the rate of 10% of the contract amount shall be deducted from each running bill to a maximum of 10% of the contract amount. Security deposit shall be released after six months of the successful completion of the work at site and submission of certified test report. However no interest shall be payable to the Agency for the amount of security deposit for the period retained by HSCC.

1.1 Delay and extension

If the work is delayed by force majeure or any other cause in the absolute discretion of Employer is beyond the Agency's control, they shall immediately upon the happening of such event contributing to delays give notice thereof in writing to HSCC but shall nevertheless use constantly their best endeavors to prevent or make good the delay and shall do all that may be reasonably required to the satisfaction of HSCC to proceed with the work.

Request for extension of time shall be made by the Agency in writing within seven days of the happening of the event causing delay. The survey Agency shall also indicate with any such request, the period for which extension is required. In any such case HSCC may give a fair and reasonable extension of time for completion of individual items or group of items of work for which separate period of completion is specified in the contract as a whole, but it shall be the sole discretion of the Employer to grant or refuse such extension.

The decision of HSCC in regard to the extension will be communicated to the Agency in writing within a reasonable time but no compensation or any extra amount shall be paid for such extension granted by HSCC.

1.2 Compensation payable for delay in completion

The Agency shall be liable to pay compensation to HSCC in case of delay in fulfilling obligation under this agreement for causes solely attributable to the specialized Agency at 1% (One percent) of contract amount per week of delay subject to maximum of 5% (five percent only) of the total contract price towards their contract.

1.3 Risk Prejudice Clause

In case progress of any part of Agency's work is found to be unsatisfactory by HSCC at any time during the execution vis-a-vis, the terms of contract, HSCC shall give the Agency a fortnight's notice in writing asking for their plans for remedying the situation and to complete

the job within the time mutually agreed, subject however to the conditions that the entire work falling within their scope of work shall be completed within the stipulated time. On the failure to remedy the situation as per agreed time with HSCC, HSCC shall have the right to withhold that portion of the work and get the same done at the risk and cost of the Agency after giving one weeks notice.

1.4 Arbitration

If at any time any doubt, question, dispute or difference whatsoever, shall arise between the Agency and HSCC upon or relating to or in connection with this contract, either of the parties may give the other notice in writing of the existence of such doubt, question, dispute or difference and the same shall be referred to the Chairman - cum - Managing Director, HSCC or his nominee as Sole Arbitrator. The decision of the sole arbitrator thereon shall be final, conclusive and binding upon the parties to dispute. The party invoking arbitration shall specify the dispute or disputes to be referred to the arbitration under the clause together with the amount or amounts claimed in respect of each of dispute.

1.5 Jurisdiction of Court

All disputes arising out of the contract shall have the jurisdiction of courts of the Union Territory of Delhi only.

1.6 Termination of Contract

HSCC reserves the right to terminate, or postpone the work on account of non fulfillment of contractual obligation(s) or any sufficient cause, HSCC being sole judge of the same. The Agency shall be paid for the useful work done up to the date of termination. HSCC shall determine the credit to be given to the detailer for the value of the work executed by the Agency. The Agency shall give HSCC all the data, compiled report, drawings etc. prepared by them till the date of termination before the final dues are paid to the Agency. Even after the termination of agreement, the Agency shall continue to cooperate with HSCC to such a reasonable extent as may be necessary to clarify or explain any reports or recommendations in documents or detailing made by them.

1.7 Breach of Trust

Unless otherwise directed by HSCC specifically, the Agency shall not contact directly or indirectly the client or any other authorities connected with the project. Non compliance of this clause shall be treated as breach of trust resulting in the termination of contract between HSCC and the Agency for with without any prior notice to him. In such event, no job will be entrusted to him in future by HSCC.

1.8 Discussions with HSCC and Approvals

The Agency shall make themselves available at reasonable notice to be present for discussions with HSCC. The Agency shall also provide assistance, advice and information to HSCC as may be required from time to time for discussions with other agencies or HSCC officials connected with the work.

The Agency shall get approved the work done by him at every stage throughout the period from HSCC. However, such approval by HSCC shall not be deemed to absolve the Agency of the total responsibility of the correctness and soundness of the work and other obligations under this contract.

1.9 Guarantee and liability of the Agency

The Agency shall be liable for all consequence of errors and omissions arising from errors solely attributable to Agency or on the part of their employees to the extent and with the limitation specified by HSCC.

2.0 Periodical Progress Report

The Agency shall prepare and submit periodical progress reports and status of works being performed by them. Such submissions of reports and review and approvals, if any, thereof by HSCC shall not be deemed to absolve the responsibilities of the Detailer for timely completion of the assignment.

2.1 Unit Rates

The Lump sum / Unit rates quoted shall remain firm throughout the validity of the contract. The rate shall include cost of materials, labor, tools and equipments, transport charges, taxes, royalties, octroi, service tax etc. payable on all transactions for the due performance of work under this contract. The rates shall be given in the schedule, as specified herein before. No escalation shall be paid on whatever account it may be.

2.2 Variation in scope of work and schedule of quantity

The scope of work & schedule of quantities may vary to any extent. The rates quoted by the Agency shall remain firm for the complete job as directed by the Engineer.

2.3 Mobilization advance

No Mobilization advance shall be paid.

2.4 Income tax

Income tax shall be deducted from Agency's bill as per rules.

2.4 Computerized outputs and hard copies.

The Agency shall prepare a CD of the complete work assigned to them including drawings, technical report work, test results data, and other documents & the same shall be submitted to HSCC after completion of job. All drawings / reports shall be on AUTOCAD and in A1 / A 3 & A4 sizes only. Hard copies of all test reports, technical reports duly certified by the certifying agency should also be submitted.

2.5 Water for construction purposes

The Agency shall make his/ their own arrangements for unfiltered water required for the work and nothing will be paid for the same.

2.6 Power

The Agency shall make his own arrangements for obtaining electrical connections if required and make necessary payments directly to the departments concerned.

COMPLETION TIME SCHEDULE AND MODE OF PAYMENT

Completion Time

Total time period for completion of job will be as per following from the date of issue of letter of award. The work is to be done in phases in order of priority as given below:-

Table-A

S.N.	Particulars (a)	Completion Time	Submission of Draft Report (b)	Submission of Final Report after certification (c)
1.	Structural Stability tests (as per Scope of Work)	2 weeks from date of award of work	3 weeks from date of award of work	one week from the date of receipt of comments on Draft report from HSCC

MODE OF PAYMENT

Table-B

S.No.	Stage of Work	Percentage of Total fees payable
1.	For submission of preliminary Test Reports as per Scope of Work.	40
2.	For submission of final test Reports of all items after receiving approval from HSCC including all drawings and technical report, Strengthening measures including photographs, basic calculation sheets, complete in all respects, in a CD.	40
3.	On acceptance of report by HSCC/NIOH	20