

**VETRINARY TYPE CULTURE COLLECTION (VTCC),  
NATIONAL RESEARCH CENTRE FOR EQUINES  
(NRCE)  
HISAR, HARYANA**

**TENDER**

**FOR**

**CONSTRUCTION OF BIOSAFETY LEVEL-3 (BSL-3)  
LABORATORY AT NRCE, HISAR**

**VOLUME-I  
PREQUALIFICATION DOCUMENT  
FEBRUARY 2013**



**HSCC (INDIA) LTD.**  
(CONSULTANTS & ENGINEERS FOR MEGA HOSPITALS & LABORATORIES)  
E-6(A), sector-1, NOIDA (U.P) 201301 (India)  
Phone : 0120-2542436-40 Fax : 0120-2542447  
**Tender No. HSCC/PGIII/NRCE/2012**

**NATIONAL RESEARCH CENTRE FOR EQUINES (NRCE)  
HISAR, HARYANA**

**HSCC/BU-III/NRCE-II/2013**

**Dated 7.02.2013**

**NOTICE INVITING TENDER**

Bids are invited on behalf of Director-NRCE-HISAR from eligible contractors/firms for the following works:

Name & description of work	Completion period of work (in months)	Estimated cost (in Rs.)	Bid Security (in Rs.)	Date of sale	Date of Submission & opening
Construction, Testing, Commissioning, Validation and other associated works of Bio-Safety Level-3 (BSL-3) Laboratory on 'Turnkey Basis' at VTCC-National Research Centre on Equines (NRCE), Hisar, Haryana	12 ( Twelve )	07.40 Crore	14.80 Lakhs	08.02.2013 to 01.03.2013 upto 12:00 hrs.	01.03.2013 upto 15:00 hrs. and opening on 01.03.2013 at 15:30 hrs.

For details regarding eligibility, bid security, purchase and submission of tender documents, please refer detail advertisement. Tender documents are available at HSCC website <http://www.hsccltd.co.in> and NRCE web site [www.nrce.nic.in](http://www.nrce.nic.in). Pre bid meeting will be held on 22.02.2013 at 15.00 hrs. at HSCC corporate office Noida.

Prospective bidders are advised to regularly scan through HSCC web site. Corrigendum/amendments etc., if any, will be notified on the HSCC web site and separate advertisement will not be made for this.

**Director, NRCE-HISAR**

**NATIONAL RESEARCH CENTRE FOR EQUINES (NRCE)  
HISAR, HARYANA**

**HSCC/BU-III/NRCE-II/2013**

**Dated 7.02.2013**

**Detailed tender information**

Bids are invited on behalf of Director-NRCE-HISAR from eligible contractors/firms for the following works:

Name & description of work	Completion period of work (in months)	Estimated cost (in Rs.)	Bid Security (in Rs.)	Date of sale	Date of Submission & opening
Construction, Testing, Commissioning, Validation and other associated works of Bio-Safety Level-3 (BSL-3) Laboratory on 'Turnkey Basis' at VTCC-National Research Centre on Equines (NRCE), Hisar, Haryana	12 (Twelve)	07.40 Crore	14.80 Lakhs	08.02.2013 to 01.03.2013 upto 12:00 hrs.	01.03.2013 upto 15:00 hrs. and opening on 01.03.2013 at 15:30 hrs.

Complete set of tender documents comprising prequalification document (Volume I), General Conditions of contract (Volume-II), Instructions to Bidders & Specific conditions of contract (Volume III), Technical specifications (Volume IV) and Bill Of Quantities (Volume V) has been made available at HSCC website [www.hsccltd.co.in](http://www.hsccltd.co.in). and NRCE web site [www.nrce.nic.in](http://www.nrce.nic.in). Volume-VI i.e. Tender Drawings may be obtained from HSCC office on written request (if other volumes 1 to V downloaded from website) and must be submitted along with the complete bid without which the bid may be rejected. The interested applicants/firms may also check their eligibility for the tender. Interested applicants/firms may see the complete set of tender documents which have been kept at dispatch counter of HSCC Corporate office, at E-6(A), sector-1, Noida. Contractors/firms may also purchase the complete set of tender documents comprising of Vol. I, II, III, IV, V and VI (tender drawings) in person from the office of HSCC (I) Ltd, Noida on any working day as mentioned above on written request mentioning the name & description of work against a non refundable fee of Rs. 5,000/- through Cash/demand draft in favour of HSCC (I) Ltd. NOIDA payable at NOIDA or download the tender documents ( Vol-I to V) from HSCC & NRCE websites and submit complete set of tender documents ( Vol-1 to VI) along with the tender document fee of Rs. 5000/- through demand draft including bid security. However in case of downloading of tender documents from websites (Vol-I to V) it will be the responsibility of applicants/firms to ensure that complete tender documents has been downloaded. Interested applicants/firms may like to attend the Pre bid meeting will be held on 01.03.2013 at 15.00 hrs at HSCC corporate office Noida. The tender document containing volume-I to VI shall be submitted complete in all respect along with requisite amount of bid security in favour of HSCC (I) Ltd Noida on or before due date and time as mentioned above. HSCC/Employer reserves the right to accept or reject any application without assigning any reason or incurring any liability whatsoever. Prospective bidders are advised to regularly scan through HSCC web site. Corrigendum/amendments etc., if any, will be notified on the HSCC web site and separate advertisement will not be made for this.

**Director, NRCE-HISAR**

## INSTRUCTION TO APPLICANTS

Project Name : *Construction of Bio-Safety Level 3 (BSL-3) Laboratory & associated works on “Turnkey Basis” at VTCC, NRCE, Hisar.*

Completion period: within 12 (Twelve) Calendar months

EMPLOYER/CLIENT: VTCC, National Research Centre for Equines, Hisar, Haryana

1. Scope of Bid :

1.1 For & on behalf of VTCC, National Research Centre for Equines, Hisar, Haryana (The Employer/ Client), HSCC (I) Ltd. (The Consultant) invites sealed bids from eligible contractors/firms for the Construction of Bio-Safety Level 3 (BSL-3) Laboratory & associated works on “Turnkey Basis” at NRCE, Hisar.

Estimated Cost : Rs. 07.40 Crores

1.2 Brief Details :

Construction, testing, commissioning and, validation of Bio-safety level 3 (BSL-3) Laboratory & associated works on “Turnkey Basis” at National Research Centre on Equines (NRCE), Hisar- Haryana in compliance with CDC, USA guidelines as minimum and its maintenance during the defect liability period

### **Above works to be executed for NRCE-HISAR**

Tender is open to all agencies / firms having sound background and Specialisation in carrying out similar works.

## **2.0 SUBMISSION OF APPLICATION:**

- 2.1 Application for prequalification must be submitted complete in all respect in sealed envelopes which must be either delivered by hand or by registered mail, at GM (PG-I) HSCC (India) Ltd, Plot No. 6(A), Block-E, Sector-1, NOIDA, U.P.-201301, so as to reach not later than designated date & time and be clearly marked “Application for prequalification for “ *Construction, testing, commissioning and, validation of Bio-safety level 3 (BSL-3) Laboratory & associated works on “Turnkey Basis” at National Research Centre on Equines (NRCE), Hisar-Haryana ”*
- 2.2 The name and mailing address of the Applicant should be clearly marked on the envelope.
- 2.3 All the information asked for pre-qualification and bids shall be answered in the ENGLISH language by all the agencies/firms.

2.4 Failure to provide information in the stipulated format enclosed or to provide timely clarification or substantiation of the information supplied (considered essential to evaluate the Applicant's qualification) shall result in disqualification of the Applicant.

### **3.0 MINIMUM PRE-QUALIFICATION CRITERIA:**

3.1 Pre-Qualification will be based on meeting all the minimum criteria for pre-qualification and other qualification criteria regarding the Applicant's work experience, personnel and equipment capabilities and financial position as demonstrated by the Applicant's responses in the forms attached to the Letter of Application.

3.2 The Applicant should meet the following minimum criteria for Pre-Qualification :

- (i) Average Annual Financial Turnover during the last three financial years i.e. 2009-10, 2010-11 & 2011-12 should be at least 30% of the estimated cost.
- (ii) Experience should be in the name of bidding company and not in name of subsidiary/ associate company/ group company
- (iii) Experience of having successful and timely completion of similar work of construction of at least three (1 nos.) Bio-Safety Laboratory Facilities (of BSL-2/BSL-3/BSL-4) wherein at least one Bio-Safety Laboratory shall be for a government department, government institution or international organization/body like WHO/UN/World Bank etc., during last 5 years ending last day of month previous to the one in which applications are invited.

**'Similar Work'** shall mean construction, testing, commissioning and validation of Bio-Safety Laboratory (BSL-2/BSL-3/BSL-4) or equivalent including Civil, Electrical, HVAC, PHE & associated equipments and systems works. The laboratory must have been duly and successfully validated to operate as a BSL-2/BSL-3/BSL-4. However, in case the bidder do not have the experience of major specialized works like Electrical, HVAC, PHE & fire fighting etc., such specialized works shall be carried out by specialized agencies having sound financial background and experience of executing works of similar nature & magnitude. The bidder is required to give an undertaking as per enclosed format at Annexure-VII.

A Certificate from Client for completion of work (s) must be submitted by the Applicants. Own works/ certification by the contractors/agencies shall not be considered for pre-qualification. The Employer/Consultant reserves the right to verify the particulars furnished by the Applicants independently.

The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum; calculated from the date of completion to the last date of receipt of applications for tender.

3.3 The firm should submit an affidavit duly notarized that they have not abandoned any work of Union Government/ State Governments/ PSU's etc. during the last 5 years.

They should also submit an affidavit that they have not been blacklisted, debarred, declared non performer or expelled by Union Government/ State Governments/ PSU's etc. during the last 5 years

3.4 The applicant should provide information regarding litigation/ Arbitration cases for the last five years as per ANNEXURE-V

3.5 Financial Capabilities: The Applicant should submit Audited Balance Sheets for the last three financial years i.e. 2009-10, 2010-11 & 2011-12. The applicant should not have incurred any loss in more than two years during the last five years ending 31<sup>st</sup> March 2012 (Fill enclosed ANNEXURE-III).

**3.6 Minimum Solvency Requirement:**

A solvency certificate from applicant's Bank (Nationalized/Scheduled) that applicant is solvent for 30% of the Project Estimated Cost. The certificate should be not more than one year old from the date of submission of bid.

3.7 **Bidding Capacity:** The bidding capacity of the contractor/firms should be equal to or more than the estimated cost of the work. The bidding capacity shall be worked out by the formula as below:

$$\text{Bidding Capacity} = (A * N * 2) - B$$

Where

A= Maximum Value of construction works executed in any one year during the last 7 years taking in to account the completed as well as work in progress.

N= Number of years prescribed for completion of work for which bids has been invited.

B= Value of existing commitments and on going works to be completed during the period of completion of work for which bids have been invited.

NOTE: Bidders are requested to submit details of calculation along with all supporting documents in respect of arriving value of bid capacity ( Fill enclosed Annexure-IX also)

**3.8 PLANNING & DESIGN CAPABILITY ( Part of Presentation)**

i. Architectural layout plans

Concept layout plans of the proposed BSL-3 laboratory in compliance with CDC guidelines clearly indicating sizes of various rooms areas, corridors and other associated services & movement areas etc. as per the requirements stated under Section –I ( DESCRIPTION & SCOPE OF WORK).

ii. Men & Materials movement layout plans

Conceptual layout plans showing movement of men & materials into and within the Laboratory areas clearly highlighting the measures / preventions for control of spread of infection/contamination into and within the Laboratory.

iii. Zoning plans :

Plans indicating details of zoning and separation/isolation of different classified, non-classified and contaminated areas/zones, relative pressurization, Air change rates, air re-circulation rates and sterility requirements, decontamination control, services etc. for different areas/zones.

iv. Specialized Systems and Services Layout schemes

Conceptual layout plans and schematic drawings of various specialized services and utilities showing tentative locations of equipments and furniture such as :

- a. HVAC system
- b. Air filtration system
- c. Pressure control system
- d. Fire Detection and Alarm system
- e. Air distribution System
- f. Building Management
- g. System Fire Fighting
- h. system
- i. Un-interrupted Power Supply system  
Specialized laboratory support equipments/ primary containment  
Autoclaves  
Dunk tanks  
Dynamic pass boxes  
Entry exit protocols

v. Services & Utilities schemes

- Power supply and distribution system
- Water supply and distribution system
- Internal/external communication system
- Disinfection/decontamination system
- Effluent treatment and disposal sys
- Solid waste treatment and disposal system.

vi. Laboratory Validation Procedures and Details

vii. Laboratory Security protocols

viii. Project Implementation Methodology

ix. Construction materials details and equipments details along with the makes/manufacturers proposed for construction of the laboratory

### 3.9 EVALUATION OF BIDS

The bids will be evaluated by a evaluation team of NRCE/HSCC to assess their merits. The evaluation will be restricted to the information furnished by the bidders, contents of the bids, bidders profile, relevant experience, client list, concept layout plans of the proposed laboratory plan, schemes for specialized systems and services, methodology for execution of the project for achieving the purpose and intent of the scope of works and Technical Presentation given by the bidders.

### **3.10 EVALUATION OF TECHNICAL BIDS**

3.10 (a) A two stage procedure will be utilized for evaluating the technical bids. Technical bid will be evaluated for compliance with the essential Minimum Essential Mandatory Qualification criteria requirements of this tender. Mandatory requirements are minimum requirements to be met for the bids to be considered.

Technical Bids of only those firms shall be considered for further evaluation who meet the Minimum Essential Mandatory Qualification Criteria requirements. The Technical Evaluation will be on a simple pass/fail basis. Bids deemed not to meet the essential minimum mandatory qualification criteria will be considered non-responsive and summarily rejected at this stage without further consideration.

3.10 (b) The bidders who qualify the essential minimum mandatory qualification criteria, shall be invited to give audio visual presentation before the committee of NRCE/HSCC/ICAR to explain the concept layout plans, schemes of various systems and services and utilities proposed for the laboratory, equipments and construction materials proposed, methodology of construction, technical, personnel & financial capabilities, relevant experience etc. in support of the qualification documents submitted by them.

3.10 (c) The details given by the bidders in the “Technical Bid” documents and explained during the presentation, will be evaluated by scoring method. In case any information is not supported with documentary proof, it will be presumed that the bidder does not have that particular facility/performance. Marking shall be done for each component based on documentary evidence and presentation by the bidder wherever called for and the Technical Presentation to be given by the Bidder to the evaluation committee of HSCC/Employer.

3.10 (d) Financial bids of only those bidders who have scored 35 marks or above in the evaluation of Technical Bids, as per this Clause 3.10 above, will be eligible for opening the price bids. Financial Bids of bidders scoring less than 35 marks in the evaluation of Technical Bids, as per Clause 3.10 above shall not be opened and their bids shall not be considered for further evaluation.

The scores for the various criteria for the purpose of technical evaluation shall be as follows.



S.No	Category	Overall Marks	Sub Marks
1.0	<b>TECHNICAL QUALIFICATION CRITERIA</b>		
1.1	Design & Planning Capability Evaluation of :  a. Architectural layout plans  b. Men & materials movement plans  c. Zoning plans  d. Specialized Systems and Services  e. Laboratory validation schemes  f. Laboratory security  schemes g. Services &	25	4 3 3 3 3 3 3
1.2	Personnel, Equipment and Financial capability – Evaluation of :  a. Personnel Capabilities (Annexure I )  b. Equipment Capabilities (Annexure II)  c. Financial Capabilities (Annexure III)  d. Manufacturing Capabilities	08	2 2 2 2
1.4	Experience of construction of projects of similar nature & complexity : Evaluation of (Annexure IV)  a. Magnitude/Value of the project  b. Completion within stipulated time  c. Customer satisfaction  d. Litigation	08	2 2 2 2
1.5	Construction materials & equipments proposed for construction of the laboratory :	09	9
	<b>Total Marks</b>	<b>50</b>	<b>50</b>

#### **4.0 PERSONNEL, EQUIPMENT AND FINANCIAL CAPABILITIES**

- 4.1 **Personnel Capabilities:** The firm should have suitable qualified and experienced personnel for the successful completion of the works. List of employees and bio-data of key officials shall be submitted stating clearly how these would be involved in this work. ( Fill enclosed ANNEXURE-I).
- 4.2 **Equipment Capabilities:** The Applicant should submit the list of equipments for successful completion of project. (Fill enclosed ANNEXURE-II)

#### **5.0 EXPERIENCE OF EXECUTING OF PROJECTS OF SIMILAR NATURE & COMPLEXITY**

The applicant shall submit information about their past experience of projects of similar nature and complexity with information about magnitude of the projects, Type of Projects, Completion Certificate from Client, Time Overrun if any, Cost over run if any, (Fill enclosed ANNEXURE-IV).

#### **6.0 OTHER INFORMATION TO BE SUBMITTED ALONGWITH APPLICATION**

- 6.1 Registration/ Licence: The firm should have Works Contract Tax/VAT Registration with the appropriate Authorities In case the firm is not registered at the time of submission of bid, they will get themselves registered with the concerned authorities in case they are awarded the work
- 6.2 The applicant should provide information regarding litigation/ Arbitration cases for the last five years as per ANNEXURE-V
- 6.3 The applicant shall submit the supporting documents regarding the information given in the ANNEXURE-I to ANNEXURE-V
- 6.4 The contractor will indemnify HSCC/Ministry of Health & Family Welfare/Principle employer/NRCE,client, as the case may be, against all penal action that may be levied/effected by any concerned authority for default in any labour regulation/PF/ESI and other statutory requirements of the relevant Acts/Laws related to the work of the contractor and will bear the legal charges, if any, and will pay the legal charges/dues directly to the concerned authority

#### **7.0 Even though the Applicants meet the above criteria, they are subject to be disqualified, if they have:**

- made misleading or false representation in the form, statement and attachments submitted; /or
- Record of poor performance such as abandoning the work, not properly completing the contract, inordinate delays in completion, litigation history, or financial failures, etc. /or

- The performance of any agency already worked/ working with HSCC is not found satisfactory./or
- found to have been black listed in any of the works.

**8.0** The applicants are advised to visit the site to get first hand information as regards its approach, accessibility, working conditions, site conditions, availability of labour and material etc. and other matters affecting cost and work. All costs incurred in connection with submission of the pre-qualification application shall be borne by the applicant irrespective of the outcome.

**9.0** If any information furnished by the applicant is found incorrect at a later stage, applicant shall be liable to be debarred from tendering in HSCC. The department reserves the right to verify the particulars furnished by the applicant independently.

**10.0** The competent authority to pre-qualify shall have the power to relax any condition/criterion for pre-qualification if it considers expedient to do so.

**11.0** Even though the agency meets all the criteria, the Employer / Consultant reserves the right to accept or reject any applicant/disqualify any agency without assigning any reason whatsoever.

## **12.0 UPDATING QUALIFICATION INFORMATION**

12.1 Applicants shall be required to update the financial information used for Pre-Qualification as and when asked for and at the time of submitting their bids, to confirm their continued compliance with the pre-qualification criteria and verification of information provided. Free issued cement & steel shall be considered to arrive at final completed project cost.

## **13.0 GENERAL**

13.1 Only agencies / firms who have been pre-qualified under this procedure will be considered further. Firm may submit only one application for any work. If a firm is submitting more than one application, all applications of the said firm will be rejected.

13.2 The Employer / Consultant reserves the right to:

- (a) Reject or accept any application without assigning any reason or incurring any liability thereof
- (b) Cancel the tendering process and reject all applications
- (c) Split the works into different packages if required
- (d) Amend the scope and value of any contract under this project.

13.3 Joint venture companies or experience of any work done in joint venture shall not be considered.

13.4 No correspondence either from successful / pre-qualified applicant or unsuccessful applicant will be entertained in this regard.

13.5 Check list format attached at Annexure VI must be filled and enclosed along with the application.

DGM (C)  
**For & on behalf of HSCC (I) Ltd.**

## LETTER OF APPLICATION

[NOTE : On the letterhead paper of the applicant including full postal address, telephone no., fax no., telex no. and cable address]

Date: \_\_\_\_\_

HSCC(I) Ltd.  
Plot No. 6(A), Block(E), Sector-I  
NOIDA, U.P.-201301

Sirs,

1. Being duly authorised to represent and act on behalf of ..... (hereinafter referred to as “the Applicant”) and having reviewed and fully understood all the pre-qualification information provided, the undersigned hereby apply to be pre-qualified by yourselves as a bidder for the

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**its maintenance during the Defect Liability period**

Pre-Qualification Number	Client Name
<b>HSCC/BU-III/NRCE-II/2013</b>	<i>National Research Centre on Equines (NRCE), Hisar-Haryana ”</i>

2. Attached to this letter are copies or original documents defining :
- (a) the applicants legal status
  - (b) the principal place of business
  - (c) the place of incorporation (for applicants who are corporations) or the place of registration and the nationality of the owners (for applicants who are partnerships or individually owned firms)
  - (d) application form no. 1 to 6
3. Your agency and its authorized representatives are hereby authorized to conduct any inquiries or investigations to verify the statements, documents and information submitted in connection with this application, and to seek clarification from our bankers and clients regarding any financial and technical aspects. This letter of application will also serve as authorization or any individual or authorized representative or any institution referred to in the supporting information, to provide such information deemed necessary and requested by yourselves to verify statements and information provided in this application, or with regard to the resources, experience, and competence of the Applicant.
4. Your agency and its authorized representatives may contact the following persons for further information:

General, Personnel, Technical and Financial Enquiries	
Contact 1 :	Telephone 1 :
Contact 2 :	Telephone 2 :

5. This application is made in the full understanding that :
- (a) Bids submitted by applicants will be subject to verification of all information submitted at the time of bidding
  - (b) Your agency reserves the right to :
    - amend the scope and value of the contract / bid under this project ; in such event, bids will only be called from pre-qualified bidders who meet the revised requirements ; and
    - reject or accept any application, cancel the pre-qualification process, and reject all applications without assigning reasons or incurring any liability thereof ; and
  - (c) Your agency shall not be liable for any such actions and shall be under no obligation to inform the Applicant
6. The undersigned declare that statements made and the information provided in the duly completed application are , true and correct in every detail.

Sealed & Signed
Name
For and on behalf of

## APPLICATION FORM NO. 1

### GENERAL INFORMATION

All individual firms applying for pre- qualification are requested to complete the information in this form. Information to be provided for all owners or APPLICANTS who are partnerships or individually-owned firms.

1.	Name of firm
2	Head office address
3	Telephone   Contact
4	Fax   E-mail No.
5	Place of incorporation/ Registration   Year of incorporation/ registration   

**Authorized Signatory of bidder**

## **APPLICATION FORM NO. 2**

### **STRUCTURE AND ORGANIZATION**

1. Name & address of the applicant
2. Telephone No. / Telex No. / Fax No.
3. Legal status of the applicant (attach copies of original document defining the legal status)
  - (a) An individual
  - (b) A proprietor firm
  - (c) A firm in partnership
  - (d) A Limited Company or Corporation.
4. Particulars of registration with various Government bodies (attach attested photocopy)

Organisation /Place of registration	Registration No.
-------------------------------------	------------------
5. Name and Titles of Directors & Officers with designation to be concerned with this work.
6. Designation of individuals authorised to act for the organisation
7. Was the applicant ever required to suspend construction for a period of more than six months continuously after you commenced the construction? If so, give the name of the project and reasons of suspension of work.
8. Has the applicant ever abandoned the awarded work before its completion ? If so, give name of the project and reasons for abandonment.
9. Has the applicant ever been debarred / black listed for tendering in any organisation at any time If so, give details.
10. Has the applicant ever been convicted by a court of law? If so, give details.
11. Any other information considered necessary but not included above.

**Authorized Signatory of bidder**

**APPLICATION FORM NO. 3**

**ANNEXURE - I**

**PERSONNEL CAPABILITIES**

Sl. No.	Designation	Total Number	Number available for this work	Name	Qualification	Professional experience	Remarks

**Authorized Signatory of bidder**



## EQUIPMENT CAPABILITIES

CONSTRUCTION MATERIALS AND EQUIPMENT PROPOSED FOR  
CONSTRUCTION OF THE LABORATORY SUCH AS :

S.NO.	CONSTRUCTION MATERIALS /EQUIPMENT	SPECIFICATIONS	PROPOSED MAKES/MANUFACTURERS
A	CONSTRUCTION MATERIALS		
	- Building Foundations & structures		
	- External and internal walls		
	- Roof		
	- Flooring		
	- Internal wall and ceiling panels		
	- Doors		
	- Glazing/fixed		
	- Fire-check doors		
	- Water proofing		
	- Jointless flooring and coving		
	- Plumbing & sanitary installations		
	- Floor traps inlets		
	- Pipes supporting system		
	- Valves		
B	ELECTRICAL FITTINGS & FIXTURES		
	- switches & sockets		
	- Light fixtures		
	- Internal conduits		
	- Internal wiring		
	- Smoke /fire detectors		
C	HVAC SYSTEM		
	- Refrigeration		
	-Air handling units		
	-Pumps		
	- Filters : Pre filters, Micro-vee filters, HEPA		
	- AHU's controls		
	- Ventilation fans		
	- Electrical panels &		

	switchgear		
	- Air circulation ducting		
	- Volume control dampers & grilles		
	- Leak proof dampers		
	- Negative pressurization		
	- Piping work		
	- Electrical cables & wires		
D	BUILDING MANAGEMENT SYSTEM		
E	BIOSAFETY FIXTURES		
	- Bio-safety doors		
	- Double door pass box		
	- Dunk tanks		
	- Garment storage cabinet		
	- Steam autoclaves		
	- Bio-safety cabinets		
	- Emergency exit door		

1. Attach separate sheets for specifications of construction materials and equipment.
2. Attach manufacturers catalogues/brochures for construction materials and equipment proposed.

**Authorized Signatory of bidder**

**APPLICATION FORM NO. 5****ANNEXURE - III****FINANCIAL CAPABILITIES****(Rs. In lacs)**

Financial Year	Annual Turn Over in Indian Rupees ( or equivalent to Indian Rupees ) as per Audited Balance Sheet
2009-2010	Rs.
2010-2011	Rs.
2011-2012	Rs.
Average Annual Turnover over the past three years	Rs.

Financial Information in Rs. Equivalent	For year 2007-2008	For year 2008-2009	For year 2009-2010	For year 2010-11	For year 2011-12
1. Total Assets					
2. Current Assets					
3. Total Liabilities					
4. Current Liabilities					
5. Profit before Tax					
6. Profit after Tax					
7. Net Worth					

**NOTE : The above data is to be supported by audited balance sheets**

1. Attach copies of audited balance sheets duly certified by the chartered accountant for all three years ( 2009-2010, 2010-11 &2011-12). Audited Balance sheet should mention the membership number of chartered accountant issued by ICAI along with full address.
2. Attach recent solvency certificate from bankers

**Authorized Signatory of bidder**

**APPLICATION FORM NO. 6**

**ANNEXURE - IV**

**EXPERIENCE OF COMPLETION OF PROJECTS OF SIMILAR NATURE & COMPLEXITY**

(During last seven years ending last day of month previous to the one in which applications are invited)

Sl. No.	Name of work / project and location	Owner or sponsoring organization	Cost of work in Lakhs	Date of commencement as per contract	Stipulated date of completion	Actual date of completion	Name and address/ telephone number of officer to whom reference may be made	Remarks

**NOTE :** Please attach supporting documents (completion certificates along with order copies) for the above information

**Authorized Signatory of bidder**

**APPLICATION FORM NO. 7**

**ANNEXURE - V**

Litigation Details  
Court Cases/arbitration

Name of Bidder
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Year	Name of the work	Name of the Client, with Address	Title of the court Case/Arbitration	Detail of the Court/ Arbitrator	Status Pending/ Decided	Disputed Amount (Current Value, the equivalent) in case of Court Cases/arbitration	Actual Awarded Amount (Rs) in decided Court Cases/arbitration

**Authorized Signatory of bidder**

**Check-List**

S.No	Criteria	Requirements	Page no. at which required information is available (To be mentioned)	Indicate Eligibility Y / N
1	Average Turnover for last three years	Copies of audited balance sheets certified by the chartered accountant along with Membership no for all three years (2008-09, 2009-2010 & 2010-11).		
2	Experience	Experience of having successful and timely completion of similar work of construction of at least three (1 nos.) Bio-Safety Laboratory Facilities (of BSL-2/BSL-3/BSL-4) wherein at least one Bio-Safety Laboratory shall be for a government department, government institution or international organization/body like WHO/UN/World Bank etc., during last 5 years ending last day of month previous to the one in which applications are invited.		
3	Experience	A Certificate from client for completion of work(s) against single work order must be submitted along with application		
4	Personnel Capabilities	List of suitable qualified and experienced personnel in relevant field		
5	Equipment Capabilities	List of equipment required and proposed to be deployed & source of such equipments		
6	Financial Capability	<ul style="list-style-type: none"> <li>▪ Net worth positive for all the three years</li> <li>▪ Profit earning for all the three years</li> </ul>		
7	Solvency Certificate	Solvency certificate from applicant's bank for 30% of the estimated project cost. The certificate should be not more than one year old.		
8.	Abandoning / Blacklisting	Information regarding not abandoned /Black listing for any work of Union Govt./State Govt./ PSU's etc. during last 5 years and The applicant should provide information regarding litigation/ Arbitration cases for the last five years as per ANNEXURE-V		
9.	Tender document fee, in case down loaded from web site	Rs. 10,000/-		
10	Bid Security	In terms of BG/DD		
11	Tender Documents	All volumes of tender documents submitted in the respective envelopes as specified in SCC (Vol-III) including amendments, if any		

## UNDERTAKING

We \_\_\_\_\_ do hereby undertake to engage a specialised \_\_\_\_\_ agency after approval of HSCC for undertaking the execution of \_\_\_\_\_ works of (\_\_\_\_\_ Name of the project \_\_\_\_\_) whose minimum qualification shall be as under:

- (i) Average Annual Financial Turnover during the last three financial years i.e. 2009-2010, 2010-2011 & 2011-12 should be at least 100% of estimated price of \_\_\_\_\_ works.
- (ii) Experience of having successfully completed similar works during last 7 years ending last day of month previous to the one in which applications are invited should be either of the following :
  - Three similar completed works each costing not less than the amount equal to 40% of estimated price of \_\_\_\_\_ works.
  - or
  - Two similar completed works each costing not less than the amount equal to 50% of estimated price of \_\_\_\_\_ works.
  - or
  - One similar completed work costing not less than the amount equal to 80% of estimated price of \_\_\_\_\_ works.
- (iii) We shall be solely responsible for successful execution of \_\_\_\_\_ work.

**Bidders submitting their bids using tender documents downloaded from the websites mentioned above should enclose the tender document fee in the form prescribe above in Envelope no.1 of their bids along with Certificate as per format given at ANNEXURE-VIII of this Volume I of the tender documents failing which the bid shall be rejected.**

**CERTIFICATE**

(Only for bidders using tender documents downloaded from website)

We certify that the prequalification documents submitted by us along with our bid for \_\_\_\_\_(tender no.)\_\_\_\_\_ (name of work)\_\_\_\_\_ are downloaded from HSCC website ([www.hsccltd.com](http://www.hsccltd.com)) or NRCE website ----- and is same in content and form (verbatim).

We also undertake that any deviation, if detected at any stage, would entitle NRCE/ HSCC to reject our bid/tender/offer and take suitable penal action against us. In any such an eventuality, the decision of NRCE /HSCC shall final and the same would be legally binding on us.

**Signature & seal of the Tenderer**



**PROJECT UNDER EXECUTION OR AWARDED**

Sl.No	Name of Work/ Project & location	Owner of sponsoring Organization	Cost of Work	Date of Commencement As per contract	Stipulated Date of completion	Uptodate Percentage Progress of work	Slow Progress, If any, & reasons thereof	Name & address/ Telephone No. of officer to whom reference may be made	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)

Certified that above lists of works is complete and no work has been left out and that the information given is correct to my knowledge and belief.

Signature of Applicant