PRE-BID MEETING QUERIES AND RESPONSES AND AMENDMENTS / ADDENDUM TO NOTICE INVITING PREQUALIFICATION BIDS VIDE PQ NO. IITB/DIPS/ASB1/PQ/06 DATED 19TH FEBRUARY 2024

Sub: Prequalification for Construction of Academic Science Block 1 (basement + ground +10 upper floors) including finishing works, internal water supply, sanitary and electrical installations, fire fighting, fire alarm and ELV systems, laboratories, lifts, Air conditioning, external development and furniture works at IIT Bombay, Powai, Mumbai – 400076.

1. **Bid Submission Date under Para 1.2, Scheduled Dates are amended as below:**
   a. 1.2. iii. Last date for submission of Bid : **3rd April 2024** up to 15.00 Hrs
   b. 1.2. iv. Time and date of opening of Bid: **3rd April 2024** at 15.30 Hrs

2. **Estimated cost of the Tender under table in Para 1.1, are amended as below:**
   Estimated cost of the Tender for which Bids will be invited from the Pre-Qualified Bidders :
   **Rs 212 Crores** (including Lab Furniture and Fume Hoods).
   Note: Current estimated cost is tentative and will get firmed up upon formation of detailed estimates.

3. **Pursuant to the queries raised in the Pre-Bid meeting dated 26.02.2024 for the subject Prequalification Bid, the following documents are uploaded as an Amendment / Addendum to the Notice Inviting Prequalification Bid document are uploaded herewith:**
   a. Pre-Bid Queries & Responses / Clarifications.
   b. Attachment 1 : Amended Clause 6 : Eligibility Criteria as Rev 01
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<tr>
<td>1</td>
<td>Clause 6</td>
<td>6.3.1: Similar Work(s) shall mean 'the building consisting of RCC Framed Structure having minimum <strong>8(Eight) storey</strong> involving Civil, plumbing, internal electrification, firefighting etc., all completed under one contract. Each basement, stilt/ground floor constructed in the building shall be considered as a storey.</td>
<td>Considering the general height of the building with such a large value project to invite healthy competition and even get qualified bidder, we request you to amend the criteria as below: 6. Eligibility Criteria 6.3.1 Similar Work(s) shall mean 'the building consisting of RCC Framed Structure having minimum <strong>6 (Six) storey</strong> involving Civil, plumbing, Internal Electrification, firefighting etc., all completed under one contract. Each basement, stilt/ground floor constructed in the building shall be considered as a storey. <strong>AND</strong> One building construction work (G+10) of any nature and magnitude either from the above or separately carried out for any Central or State Government / Central or State Autonomous Body / Central or State Public Sector.</td>
<td>Provision in the 'Notice Inviting Prequalification Bids' shall prevail and have no change.</td>
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<td>2</td>
<td>Page No.7-Clause No.6.3</td>
<td>In the Maharashtra, many government department such as MIDC, PWD etc. allow the total of 3 or 2 or 1 works criteria for similar works. The recent tender of MIDC criteria is enclosed herewith for your ready reference. Hence, we suggest to kindly consider the total value of 3 Works / 2 works / 1 work for similar work criteria. 1) Single Work of Rs. 154 Crores. (50%) 2) Total cost of two works Rs. 215 Crores (70%) 3) Total cost of 3 works Rs. 246 Crores (80%) Kindly consider the same for this project for maximum participation in such case to a maximum benefit of fair competition to the IITB.</td>
<td>Provision in the 'Notice Inviting Prequalification Bids' shall prevail and have no change. However, Bidder to refer the revised Eligibility Criteria due to the revised Estimated Cost for the Tender is enclosed as Attachment 1. Revised 'Eligibility Criteria as per Attachment 1 shall delete and replaces the existing provision of Clause 6 of the Notice Inviting Prequalification Bids.</td>
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<td>3</td>
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<td>We request you to please give permission for erection of RMC plant with capacity 30 Cum/Hr near the site location.</td>
<td>Being an Educational Institution, establishment of RMC plant within the IITB campus is not permitted.</td>
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<td>4</td>
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<td>As per clause 6.6 it mentions that Bidder shall propose minimum 1 (one) or up to maximum 3(three) specialized agencies (sub- agencies) who meets with the following criteria in terms of capacity and have executed them in the last 7 years. But we have the experience of the same inhouse, in that case do we still have to submit the propose nominated sub agency? Please clarify.</td>
<td>In case Bidder has in-house capability and meeting with the Eligibility Criteria for HVAC works as per Clause 6.6, Bidder need not to provide the nomination of specialised agency but shall submit details of the executed works as per Form C-4-1 in lieu of Form C-4 and C-5. Bidder is also to refer the note under Form C-5 in this regard.</td>
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<td>We request you to extend the submission dates by 21 days after receipt of queries related to the prequalification.</td>
<td>Last Date for submission of the Bid is extended to 3rd April 2024. Thus Clause 1.2 of the Notice Inviting PQ Bids is modified as below:</td>
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<td>1.2 Scheduled Dates</td>
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<td>i. Date of Notice to Inviting the PQ Tender : 19th February 2024</td>
<td>i. Date for Pre-Bid meeting : 26th February 2024 at 15.00 Hrs</td>
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<td>ii. Last date for submission of Bid : 3rd April 2024 up to 15.30 Hrs</td>
<td>iii. Last date for submission of Bid : 3rd April 2024 up to 15.30 Hrs</td>
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<td>iv. Time and date of opening of Bid : 3rd April 2024 at 15.30 Hrs</td>
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<td>6</td>
<td>Cl. 1.2 Page 3 of 26 &amp; Cl. 5.8 page 6 of 26</td>
<td>The physical submission of Prequalification Bid on or before the scheduled date and time shall be made at the office of Dean (IPS), 1st Floor, Nandan Nilekani Main Building, Indian Institute of Technology Bombay, Powai, Mumbai 400076.</td>
<td>Please clarify that the submission of pre-qualification is only on physical mode and not online.</td>
<td>Submission of Prequalification Bid shall be in hard copy. Bidder is requested to refer the Clause 5.4 (page 5 of 26) of the Notice inviting PQ Bids, wherein clarified about the submission of Bid.</td>
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<td>7</td>
<td>CL 6.7 page 9 of 26</td>
<td>Eligibility Criteria for selection of sub agency (specialised agency) for laboratory set up works: For the purpose of evaluation of the sub-agency, ‘Similar Works’ under this Article for Laboratory set up shall mean experience in Designing, supplying, Installation, Testing and commissioning of entire chemical and/or biological laboratory set-ups. This includes, but is not limited to - laboratory furniture, gas distribution systems, fume hoods, exhaust systems, allied MEP works, specialized finishes, chemical / gas storage systems, etc. all under a single work contract. For the purpose of evaluation of the sub-agency, ‘Similar Works’ under this Article for Laboratory set up shall mean experience in Designing, supplying, Installation, Testing and commissioning of entire chemical and/or biological laboratory set-ups. This includes, but is not limited to - laboratory furniture, gas distribution systems, fume hoods, exhaust systems, allied MEP works, specialized finishes, chemical / gas storage systems, etc. all under a single work contract. Bidder shall propose minimum one or maximum 3 specialised sub-agencies who meet with the following criteria in terms of capacity and have executed these in the last 7 years: a. Three similar works for laboratory carpet area of each not less than 4,000 sq. m. Or b. Two similar works for laboratory carpet area of each not less than 5,500 sq. m. Or c. One similar work for laboratory with carpet area not less than 11,000 sq. m The above criteria shall be established by the proposed sub-agency by way of submitting the completion certificates and</td>
<td>1. Request you to kindly provide the list of sub-agency (specialised agency) for laboratory set up works. This will enable bidders to submit the pre-qualification on due date. 2. We have approached one lab-agency, as per them they have completed work of required magnitude in single location / single site, however their client has issued them multiple purchase order (PO) such as for Supply of Equipment separate PO for installation separate PO for GAS pipeline separate PO, for chemical equipment's separate PO's. However, in their completion certificate entire work completed under multiple POs has been mentioned. Kindly accept the same to meeting the qualifying requirement. 3. As substantial completed works is allowed to main bidders, hence request you to kindly allow the same to the Sub-Agency (Specialised Agency).</td>
<td>1. Bidder to refer the revised Eligibility Criteria enclosed as Attachment 1. Revised ‘Eligibility Criteria as per Attachment 1 shall delete and replaces the existing provision of Clause 6 of the Notice inviting Prequalification Bids. 2. Completion certificate for the entire work indicating the multiple POs for the single Project is considered as Single Work Contract for consideration in Clause 6.7 of the PQ document. However, Bidder to note the revised definition of Similar Work of Lab Equipment and Fume Hood as per the revised Eligibility Criteria (enclosed as Attachment 1) under Clause 6. 3. Provision in the ‘Notice Inviting Prequalification Bids’ shall prevail and have no change.</td>
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<td>8</td>
<td>Clause 6.7</td>
<td>Query of Specialised lab Agency</td>
<td>Since the scope of works expected out of the specialized agency is broadly defined in this document, we request you to categorize this scope in the BQO during later stage too. This will give the clarity and the compliance of the supply, installation, commissioning &amp; validation of these services from the qualified laboratory agencies. Any qualified laboratory agency will not prefer to do only installation &amp; commissioning devoid of design, supply etc.</td>
<td>This shall be addressed appropriately during the Tender Stage</td>
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<td>9</td>
<td>Clause 6.7</td>
<td>Query of Specialised lab Agency Works contract</td>
<td>Unlike civil contracts, our contracts are mostly Purchase order for Supply &amp; service orders for installation. Also in many of our projects the purchase orders are separate for various services, equipment’s, imported items are placed directly on principal organization / overseas agencies etc. In this scenario, it will not be feasible to a single works order. We will submit a completion certificate in the given format with the supporting POs, authorization letter of OEMs wherever the POs are directly placed on principal etc for supporting our claims.</td>
<td>Completion certificate for the entire work indicating the multiple POs for the single Project placed on the Bidder shall be considered as ‘Single Work Contract’ for consideration in Clause 6.7 of the PQ document. However, Bidder to refer the revised Eligibility Criteria enclosed as Attachment 1.</td>
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<td>10</td>
<td>Clause 6.7</td>
<td>Query of Specialised lab Agency Carpet area of each not less than</td>
<td>Consider the various associated services like exhaust, gas &amp; chemical storage, MEP etc we request you to consider the built up area of the project instead of carpet area. This being the industry standard too for project area evaluation, we request your kind consideration on this.</td>
<td>Provision in the ‘Notice Inviting Prequalification Bids’ shall prevail and have no change. Bidder to follow the revised Eligibility Criteria as per the Attachment 1.</td>
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<tr>
<td>11</td>
<td>Clause 6.7</td>
<td>Query of Specialised lab Agency Eligibility Criteria for selection of sub agency (specialised agency) for laboratory set up works:</td>
<td>Kindly clarify whether the laboratory specialized agency who has not qualified in this pre-qualification of main contractor or has not participated can still eligible to participate during the execution evaluation of the main contractor provided they could meet the same eligibility criteria at the time of main contractor’s execution evaluation.</td>
<td>Current Bid is for the Prequalification of the Bidders who can only participate for Bidding the subject Work Tendering. Pre-Qualification of the Bidder is also dependant on fulfilling the specialised agency who fulfills the Eligibility Criteria for Laboratory Set-Up under Clause 6.7 of the PQ Document. And hence Evaluation of the Specialised Agency during execution does not arise in normal course.</td>
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<td>13</td>
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<td>We are keen to participate in the subject PQ process. While going through the eligibility criteria, we have noted the definition of similar works as &quot;the building consisting of RCC Framed Structure having minimum 8 (Eight) storey involving Civil, Plumbing, Internal Electrification, Firefighting etc., all completed under one contract. Each basement, still / ground floor constructed in the building shall be considered as a storey.&quot;</td>
<td>May we request you to kindly also allow building of equivalent height and may please redefine the similar works as below: Similar work shall mean &quot;the building consisting of RCC Framed Structure having minimum 8 (Eight) storey or of 24m height involving Civil, Plumbing, Internal Electrification, Firefighting etc., all completed under one contract. Each basement, still / ground floor constructed in the building shall be considered as a storey.&quot;</td>
<td>Article 6.3.1 : definition of similar works in the Notice Inviting Prequalification Document is deleted and replaced with the following: &quot;6.3.1 : Similar Work(s) shall mean 'the building consisting of RCC Framed Structure involving Civil, plumbing, Internal Electrification, Firefighting etc., having either minimum 8 (Eight) storey or minimum 24 meters height from plinth level to roof slab level all completed under one contract. Each basement, still / ground floor constructed in the building shall be considered as a storey.&quot;</td>
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<tr>
<td>14</td>
<td>Clause 6.7</td>
<td>Eligibility Criteria for selection of sub agency (specialised agency) for laboratory set up works.</td>
<td>Along with the completed projects of area given under the clause 6.7 for specialized laboratory agency, we request you to accept 'substantial' work meeting the 'area requirement given under three heads' even though the particular project may not have been executed completely, however substantially completed to meet the tender requirements. We will submit the necessary documents regarding the same too.</td>
<td>Existing provisions of Clause 6.7 in the Notice Inviting Prequalification Document is deleted and replaced with the amended Clause 6.7 vide enclosed Eligibility Criteria (Clause 6) as Attachment 1.</td>
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<tr>
<td>15</td>
<td>Clause 6.7</td>
<td>Eligibility Criteria for selection of sub agency (specialised agency) for laboratory set up works:</td>
<td>Kindly clarify whether the laboratory specialized agency who has not qualified in this pre-qualification of main contractor or has not participated can still eligible to participate during the execution evaluation of the main contractor provided they could meet the same eligibility criteria at the time of main contractor's execution evaluation.</td>
<td>Current Bid is for the Prequalification of the Bidders who can only participate for Bidding the subject Work Tendering Pre-Qualification of the Bidder is also dependant on fulfilling the revised Eligibility Criteria (Attachment 1) for Laboratory Set-Up work under Clause 6.7 of the PQ Document. And hence Evaluation of the Specialised Agency does not arise in normal course.</td>
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<tr>
<td>16</td>
<td>Clause 6.7</td>
<td>Carpet area of each not less than</td>
<td>Consider the various associated services like exhaust, gas &amp; chemical storage, MEP etc we request you to consider the built up area of the project instead of carpet area. This being the industry standard too for project area evaluation, we request your kind consideration on this.</td>
<td>Provision in the ‘Notice Inviting Prequalification Bids’ shall prevail and have no change. However, Bidder shall refer the enclosed Revised Eligibility Criteria (Clause 6) as Attachment 1.</td>
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<td>17</td>
<td>Clause 6.7</td>
<td>Works contract</td>
<td>Unlike civil contracts, our contracts are mostly Purchase order for Supply &amp; service orders for installation. Also in many of our projects the purchase orders are separate for various services, equipment, imported items are placed directly on principal organization / over seas agencies etc. In this scenario, it will not be feasible to a single works order. We will submit a completion certificate in the given format with the supporting POs, authorization letter of OEMs wherever the POs are directly placed on principal etc for supporting our claims.</td>
<td>Existing provisions of Clause 6.7 in the Notice Inviting Prequalification Document is deleted and replaced with the amended Clause 6.7 vide enclosed Eligibility Criteria (Clause 6) as Attachment 1.</td>
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<td>18</td>
<td>Clause 6.7</td>
<td>For the purpose of evaluation of the sub-agency, 'Similar Works' under this Article for Laboratory set up shall mean experience in Designing, supplying, Installation, Testing and commissioning of entire chemical and/or biological laboratory set-ups. This includes, but is not limited to - laboratory furniture, gas distribution systems, fume hoods, exhaust systems, allied MEP works, specialized finishes, chemical / gas storage systems, etc. all under a single work contract.</td>
<td>Since the scope of works expected out of the specialized agency is broadly defined in this document, we request you to categorize this scope in the BOQ during later stage too. This will give the clarity and the compliance of the supply, installation, commissioning &amp; validation of these services from the qualified laboratory agencies. Any qualified laboratory agency will not prefer to do only installation &amp; commissioning devoid of design, supply etc.</td>
<td>Provision in the 'Notice Inviting Prequalification Bids' shall prevail and have no change.</td>
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<tr>
<td>19</td>
<td>Clause 1.1</td>
<td>Estimated cost</td>
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INDIAN INSTITUTE OF TECHNOLOGY BOMBAY

NOTICE INVITING PREQUALIFICATION BIDS OF CONTRACTORS FOR

CONSTRUCTION OF ACADEMIC SCIENCE BLOCK 1 (GROUND PLUS 10 UPPER FLOORS) INCLUDING FINISHING WORKS, INTERNAL WATER SUPPLY, SANITARY AND ELECTRICAL INSTALLATIONS, FIREFIGHTING, FIRE ALARM AND ELV SYSTEMS, LABORATORIES, LIFTS, AIRCONDITIONING, EXTERNAL DEVELOPMENT AND FURNITURE WORKS AT IIT BOMBAY, POWAI, MUMBAI – 400076

PQ No.: IITB/DIPS/ASB1/PQ/06

Dated: 19TH February 2024

DEAN, INFRASTRUCTURE PLANNING AND SUPPORT
INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
POWAI, MUMBAI 400076.
6. Eligibility Criteria

6.1 Prequalification Bids shall be considered from eligible contractors who have satisfied eligibility criteria as specified in the Bid Document, vide documents to be submitted in an Envelope subject to producing definite proof (from the appropriate authority which shall be to the satisfaction of the competent authority) of having satisfactorily completed similar works of magnitude specified hereinafter.

6.2 Joint ventures and Special Purpose vehicles are not accepted.

6.3 Construction Eligibility: Should have completed the works as mentioned below during the last Seven (7) years ending previous day of last date of submission of Bid. Ongoing works falls under the below which are substantially completed each Building to an extent of 80% of the contract value also shall be considered.

a. Three Similar Works each costing not less than Rs 64 Crores (including GST)
   or
b. Two Similar Works each costing not less than Rs 97 Crores (including GST)
   or

c. One Similar Work costing not less than Rs 129 Crores (including GST)

6.3.1 Similar Work(s) shall mean ‘the building consisting of RCC Framed Structure involving Civil, plumbing, Internal Electrification, Firefighting etc., having either minimum 8 (Eight) storey or minimum 24 meters height from plinth level to roof slab level all completed under one contract. Each basement, stilt / ground floor constructed in the building shall be considered as a storey.

6.3.2 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 previous day of last day of submission of Prequalification Bid.

6.3.3 In case the GST was not attracted for Government Works, the considerations shall be given only on the submission of documentary proof while evaluating the Criteria under Article 6.3.

6.4 One building construction work of any nature and magnitude either from the above or separately carried out for any Central or State Government / Central or State Autonomous Body/ Central or State Public Sector.

6.5 Should have completed at least one building work involving Central Chilled water HVAC system either from the above or separately carried out at least total to 200 Ton of Refrigeration (TR) during last 7(seven) years. Bidder shall submit such work experience of the HVAC chilled Water System in the Form C-4-1

OR

Bidder shall nominate at least one and maximum 3 specialised sub-agency (s) who fulfil the Eligibility Criteria of sub-agency for HVAC works as per Article 6.6. Bidder shall also make the credentials of such agencies in the Form C-4 and an undertaking by the Bidder in the Form C-5 as part of the bid.

6.6 Eligibility Criteria for selection of sub-agency for HVAC system (excluding VRF systems):

For the purpose of evaluation of the specialised agency (sub-agency), ‘Similar Works’ under this Article for HVAC system shall mean supply installation, testing and commissioning of Centralized Chilled Water System. This includes, but is not limited to- air/water-cooled chillers, variable flow pumps, air handling systems, ducting, fire-
dampers, chilled water piping with insulation, HVAC automation, etc. all under a single work order.

Bidder shall propose minimum 1 (one) or up to maximum 3 (three) specialised agencies (sub-agencies) who meets with the following criteria in terms of capacity and have executed them in the last 7 years:

a. Three Similar Works each having minimum capacity of 270 TR
   or
b. Two Similar Works each having minimum capacity of 400 TR
   or
c. One Similar Work having minimum capacity of 800 TR

The above criteria shall be established by the proposed specialised agency by way of submitting the completion certificates and supporting data along with the complete details as per Form C-4 along with Declaration of Nominated Specialised Agency in Form C-5.

In case Bidder has inhouse capability of carrying out HVAC works and meeting with the above criteria, Bidder shall submit the completion certificates and supporting data along with the complete details as per Form C-4-1 in lieu of Form C-4 and C-5.

Bid shall accompany the method statement for execution of HVAC scope of work from each nominated sub agency or by the bidder as applicable.

Letter of Acceptance of the nominated Sub-Agency (s) shall be submitted by the Bidder along with Form C-4 as part of the Bid.

6.7 Eligibility Criteria for selection of specialised agency (sub agency) for laboratory set up works:

6.7.1 Following are the preliminary list of manufacturers for Lab Equipment and Fume Hood Suppliers.

a. Labguard India Pvt Ltd (Contact : Director -sales & Marketing; sujay@labguard.in; Mob 9320699730).

b. Kewaunee Labway (Contact: Assist. Manager-Sales & Marketing; ramankumar@kewaunee.in; Mob 9845957454).

c. Godrej Boyce Mfg. Co. Ltd (Contact: Sr. Sales Manager; randhir@godrej.com; Mob 9769400115).

d. GD Waldner India Pvt.Ltd (Contact: Regional Sales Manager-West; Vasim.patel@gdwaldner.com; Mob 9821799901).

e. Koettermann GmbH (Contact: Area Sales Manager; email ID: Amar.Hegde@koettermann.com; Mob.9900230247).

6.7.2 For the purpose of evaluation of the sub-agency, ‘Similar Works’ under this Article for Laboratory set up shall mean experience in Installation, Testing and commissioning of entire chemical and/or biological laboratory set-ups including preparing shop drawings, installation method statements, integration of the whole system and validation of the system as per original design intents as specified by consultant/s. This includes, but is not limited to - laboratory furniture, gas distribution systems, fume hoods, exhaust systems, allied MEP works, specialized finishes, chemical / gas storage systems, etc. all executed for a single Project.

6.7.3 Bidder shall propose minimum one or maximum 3 specialised sub-agencies who meet with the following criteria in terms of laboratory areas and have executed these in the last 7 years:

a. One Similar work and up to Three similar works for cumulative laboratory carpet area of 9,000 Sq. M.
6.7.4 Bidders shall approach the Lab Equipment and Fume Hood Manufacturers and/or their approved installation agencies or other specialised agencies who meets the Eligibility Criteria as per Article 6.7.2 and 6.7.3 above for nomination of the Specialised Agencies for laboratory set-ups.

6.7.5 The above criteria shall be established by the proposed sub agency by way of submitting the completion certificates and supporting data along with the complete details as per Form C-6 along with Declaration of Nominated Specialised Agency in Form C-7. Execution method statement from each agency detailing the execution methodologies, functionality, safety, quality and technical expertise shall also become the part of the Bid. In addition, Bidder shall submit the Letter of Acceptance of the Nominated Sub-Agency as part of the Form C-6.

6.7.6 Letter of Acceptance of the nominated Sub-Agency (s) shall be submitted by the Bidder in the Form C-7 as part of the Bid.

6.7.7 In case Bidder has inhouse capability of carrying out Similar works of this scope and meeting with the above criteria, Bidder shall submit the completion certificates and supporting data along with the complete details as per Form C-6 along with the execution method statement.

6.8 Bidders are advised to submit copy of Agreement/ final bill or any other relevant document in support of their proposed completed work (s) which conforms to the definition of Similar Work and other criteria through para 6.1 to 6.7 above.

6.9 In case of private works, the same shall be supported by TDS certificate for the work(s) under consideration.

6.10 Turnover: Should have average annual financial turnover of any best performed 3 years out of the immediate last 5 consecutive financial years ending 31st March 2023 shall be Rs 64 Crores on construction works. The value of annual turnover figures shall be brought to the current value by enhancing the actual turnover figures at simple rate of 7% per annum.

6.11 Profit / loss: Should not have incurred any loss (profit after tax should be positive) for more than two years during available last five consecutive balance sheet (balance sheet in case of private/public limited company means its standalone financial statement and consolidated financial statement both), duly audited and certified by the Chartered Accountant.

6.12 Bidding Capacity: Should have bidding capacity equal to or more than the estimated cost of the work as indicated in Inviting Prequalification Bid. The bidding capacity shall be worked out by the following formula:

\[ \text{Bidding Capacity} = \left( (A \times N \times 2) - B \right) \]

Where,

\( A = \text{Maximum turnover in construction works executed in any one year during the last seven years taking into account the completed as well as works in progress. The value of completed works shall be brought to current costing level by enhancing at a simple rate of 7% per annum.} \)

\( N = \text{Number of years prescribed for completion of work for which bids have been invited.} \)

\( B = \text{Value of existing commitments and ongoing works to be completed during the period of completion of work for which bids have been invited.} \)

Note: The bidder should submit bidding capacity as per Form 'C-3'.

6.13 Banker's Certificate from a Commercial Bank or Net worth Certificate: Should have Banker's Certificate of the amount equal to Rs 85 Crores.
or Net worth certificate of minimum Rs 21 Crores issued by certified Chartered Accountant with UDIN.

6.14 Financial Information
Bidder shall furnish Annual financial statement for the last five years (in the Form "A"). Bidder shall also furnish Banker’s Certificate (in form “B”) and Net worth certificate (in form “B-1”).

6.15 Experience in Works, highlighting the experience in Similar Works.
List of eligible similar nature of works successfully completed during the last seven years (In the Form “C”, “C1”, “C3”).

6.16 Performance report of works referred in form “C” shall be submitted in the form of ‘Form D” signed by officer not below the rank of Executive Engineer /Project Manager or equivalent.

6.17 Organisation information: Bidder shall submit information in respect to his organization (in the Form “E”).

6.18 Eligibility Letter of Transmittal shall be submitted in the format provided in Para 6.25.1.

6.19 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 previous day of last date of submission of Prequalification Bid.

6.20 The bidder shall submit documents/report detailing each of the above signed by the authorized signatory and shall be part of the bid.

6.21 Certificate of Financial Turn over: At the time of submission of bid, Bidder has to Submit Affidavit/Certificate from CA mentioning Financial Turnover of last 5 years and further details if required may be asked from the Bidder after opening of eligibility bids. There is no need to submit entire voluminous balance sheet.

6.22 To become eligible, the bidders shall have to furnish and affidavit, duly signed and stamped, as Under:

“I / We undertake and confirm that eligible Similar Work(s) has/have not been got executed through another contractor on back-to-back basis. Further that, if such a violation comes to the notice of Dean IPS, then I/We shall be debarred for bidding / tendering in IITB in future forever.

6.23 The intending bidder must read the terms and conditions as spelt out in this Prequalification document. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.

6.24 It will be obligatory on part of the Bidder to sign and stamp the Prequalification document including any additions, changes, modifications, Record notes of Pre-Bid meeting, addendums and amendments issued etc.

6.25 The Bidders shall be subject to thorough verification by the Technical Evaluation Committee constituted by IITB of their credentials, inspection of ongoing / completed construction works or both at the discretion of IITB for quality (form D-1 for reference), safety, time schedules and execution methodologies, office establishment and facilities etc. The performance reports from the Authorities to whom the works are being executed or completed shall also become part of the technical evaluation.

Responsibility of obtaining necessary permissions from the respective Authorities to visit the Bidders ongoing / completed construction works for inspection by the IITB Technical Evaluation Committee lies with the Bidder.

6.26 Bids of those Bidders who meet the eligibility criteria under para 6.1 to 6.22 will be evaluated for the following criteria by scoring method on the basis of details furnished by the Bidder.
a. Quality/safety performance based on one Similar ongoing and completed works.  
    - 15 marks
b. Schedule performance of the current and past Similar works, in the last 5 awarded works  
    - 15 marks
c. Demonstration of capability regarding proposed sub-agency for HVAC work including the following parameters:
   i) Past performance of sub-agency
   ii) Methodology of erection and installation
   iii) Any other relevant features  
    - 10 marks
d. Resources including manpower, equipment software etc. with the agency to be made available for deploying at site  
    - 15 marks
e. Demonstration of capabilities of having undertaken similar projects under local by-laws / working environment using local resources etc.  
    - 15 marks
f. Demonstration of the self or sub-agency’s capabilities of having executed laboratory works involving construction / installation, quality, testing, commissioning and compliance with relevant standards (ISO, SEFA, ASHRAE, OSHA, NFPA, and/or equivalent EN/DIN standards). Completed laboratory projects with valid certification from National/International Accreditation Boards will be considered as an added advantage.  
    - 30 marks

Total  
100 marks

To become eligible for short listing, the Bidder shall secure at least 60% of the allocated marks for each category of the above parameters and also shall get 75% marks in aggregate to eligible for prequalification.