

DRAFT

HSCC/PG-III/NRCE/2013

Dated : 05.07.2013

All Bidders

Amendment -II

Subject: Construction, Testing & Commissioning, Validation and the associated works of Bio Safety Level-3 (BSL-3) Laboratory on Turnkey Basis at VTCC-National Research Centre on Equines (NRCE), Hisar, Haryana.

IFB No. : HSCC/BU-III/NRCE/2013 dated 13.06.2013

Dear Sir,

This has reference to above IFB No. for the Subject works.

The following Amendment may be noted which shall be treated as part of the contract to be submitted duly signed & stamp along with tender.

	Bidder's Query	Amendment/Clarification
1.	What does the 7.40 Cr. include? a) Is this the construction cost of the expansion, or will this include all infrastructure equipment (HVAC, piping etc.) Lab equipment, professional services, labor, expenses etc.?	Tender terms & conditions prevail. Its turn key project.
2.	Is this a stand alone building being newly constructed, expansion to an existing facility or retrofit of existing facility?	It's a newly constructed building.
3	What is the total area and breakdown of space? a. % lab space? b.% admin/support space? c % lab space for animals?	As per tender document and lay out drawings.
4	What species of animals are anticipated to be housed here?	As per tender terms & conditions.
5	If design services are needed to improve existing design, is that a separate fee from the 7.40 Cr.?	No separate fees.
6	Request for submission date extension from 4 th July to 14 th August 2013 keeping the various details to be prepared for the project.	Submission date has been extended to 19 th July 2013.
7	How we can do the site visit?	You are free to do the site visit at your own expense.
8	Can we make suggestion in the designs as per our experience for the best possible BSL 3 design for the NRCE?	As per Tender Terms & Condition.
9	Can the EMD of 14.80 Lacs can be exempted if registered with NSIC or SSI?	As per Tender Terms & Condition.

10	Please provide us the drawing details for our better understanding of the project as per Vol VI.	After pre bid meeting drawings are provided to bidders. However drawings can be collected from HSCC Head Office as mentioned in tender document. It can also be downloaded from HSCC website.
11	If we are working with International Partner that can be present the prequalification required detail as “consortium & the Indian company can act as front company.	Refer Clause 13.3 of Prequalification Document Vol-I.
12	Can International companies bid directly for the project?	As per Tender Terms & Condition.
13	Can international companies bid through their local Indian representative?	As per Tender Terms & Condition.
14	<p>Clause 3.2, point no. iii, para 3 : It is stated that 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 application for tender.</p> <p>Please clarify, whether the value of similar completed works shall also be considered during the evaluation of prequalification applications, as the same is not mentioned and clear in the tender documents.</p>	As per Tender Terms & Condition.
15	<p>Clause 3.8, point no. i : It is stated that concept layout plans of the proposed BSL-3 Laboratory in compliance with CDC guidelines clearly indicating size of various rooms areas, corridors and other associated services & movement areas etc. as per the requirements stated under Section-I.</p> <p>The Volume-VI (Tender Drawings) has been issued by HSCC as a part of the Tender Documents. Please clarify, what exactly is expected under this clause from the Bidders and their presentation.</p>	As per Tender Terms & Condition.
16	ause 3.8 : Under this Clause, the Architectural layout plans, men & materials movement layout plans, zoning plans, specialized systems and services layout schemes, services & utilities schemes, laboratory validation procedures and details, laboratory security protocols, project implementation	As per Tender Terms & Condition.

	<p>methodology and construction materials details and equipment details along with makes/manufacturers proposed for construction of the laboratory has been asked under sub-clause 3.8 (i to ix).</p> <p>Please clarify whether the above mentioned details and drawings are required to be submitted along with the Bid or the same should be included in the presentation only, to be given by the Bidders.</p>	
17	<p><u>Volume-II : General Conditions of Contract</u></p> <p>Clause 60.7 : Advance payment has been deleted. It is requested to allow a Mobilization Advance of 10% of the contract value, as is the normal procedure followed by almost all the Govt. Departments.</p>	As per Tender Terms & Condition.
18	<p><u>Volume-III : Instructions to Bidders and Specific Conditions of Contract</u></p> <p>Clause 10.2 & 37.0 : We understand that Service Tax shall also be applicable on the Project. Please confirm. Please also clarify whether the Service Tax should be included in the quoted price or the same shall be reimbursed extra by HSCC.</p>	As per Tender Terms & Condition.
19	<p>Clause 33.0, sub clause l) : It is stated that 'The responsibility for making the payments or meeting other obligations to the contractor in respect of all works as certified by the Engineer on behalf of 'Employer'</p> <p>From the above Clause, it is not clear that who is responsible for making payments or meeting other obligations to the contractor in respect of the work. Is it the Employer or the Engineer. Please Clarify.</p>	As per Tender Terms & Condition.
20	<p>Clause 33.0, sub clause m) : It is stated that after completion of work and prior to final payment, the contractor shall furnish to the</p>	As per Tender Terms & Condition.

	<p>engineer, a release of claim against the Employer arising out of contract.</p> <p>It is not clear that who will be final authority who will certify that the all the work under the contract has been successfully completed. Will it be the Engineer or the Employer. Please Clarify.</p>	
21	<p>Clause 39.2.5 : It is stated that contractor has to provide within 30 days of issue letter of award at his own cost a reasonably furnished site office for HSCC (approx. 90 sqm area) having a sample room, air conditioned meeting hall, staff room, along with toilets, electricity, drinking water and pantry, file storage facility along with computers and laser printers and its consumables, a telephone with STD facility, and vehicle/Car of good running condition inclusive of all services like driver, consumables and maintenance etc. at any time for exclusive use of engineer/HSCC round the clock during the currency of the contract till defect liability period to HSCC as per requirement given by the Engineer.</p> <p>Since, providing the above facilities and services shall have substantial impact on the quoted cost for the project works, it is requested that all the above mentioned facilities and services may be excluded from the scope of the contractor. Please confirm.</p>	As per Tender Terms & Condition.
22	<p>Page No. SCC-Page-53 Para-2 : It is stated that any material and inventory which is in usable condition will have to be handed over to NRCE authorities and its receipt to be or the receipt not submitted than the amount as per advice of NRCE will be deducted from the bills. Please clarify the meaning and interpretation of this Clause.</p>	As per Tender Terms & Condition.
23	<p>Page No. SCC-Page-53 Point No. B : It is stated that Agency has to make temporary barricading of work site by putting curtains, sheets etc. for making the patient care area of</p>	<p>May be read as Agency has to make temporary barricading of work site by putting curtains, sheets etc. for making the Research work Area</p>

	hospital sound and dust proof. Please clarify the interpretation of this Clause.	of VTCC sound and dust proof.
24	Page No. SCC-Page-53 Point No. C : It is stated that if required, there will be no working during day and it will be allowed at nights. The execution area to be made for temporary use of patient care during day. Please clarify the interpretation of the above Clause.	'Deleted'.(It's a green field project)
25.	Clause 4.1 : It is stated that within two weeks after award of contract, the contractor shall furnish for approval of the engineer, three sets of detailed sanitary, plumbing, fire fighting (external & internal), pump room & shop drawings of all equipments and materials required to complete the work as per specifications. It is further mentioned that all shop drawings to be made in accordance with latest fire safety norms & to be got approved by authorities before it is finally approved by engineer, before start of work. We understand that sanitary and plumbing drawings may not be relevant with the latest fire norms and will not required to be got approved from authorities. Please Clarify and confirm.	Tender terms & conditions prevail.
26	Clause 46.1: It is stated that the contractor shall provide Comprehensive Operation and Maintenance Services for 1 year including trained manpower, accessories, tools, tackles, all spares and consumables (excluding only power and water). Please elaborate the items to be included in spares and consumables. Please specify who will provide diesel/fuel for DG Set.	Tender terms & conditions prevail.
27	<u>Volume-IV : Technical Specification</u> Clause 2.1, Para-3 : It is stated that the contractor shall carry out planning for all such laboratory instruments and equipments and providing the services and utilities like power, water, compressed air, drain etc. required for such item/equipments shall be	Tender terms & conditions prevail.

	<p>provided and included in the scope of works of the contractor.</p> <p>The laboratory instruments and equipments and the services and utilities cannot be planned and provided unless the scientific procedures and work process flow are known. It is therefore requested to kindly provide sufficient and relevant data and information.</p>	
28	<p>Clause 2.1: It is mentioned that the scope of work shall also include 'Extension of existing LT panel by providing feeder panel with switchgears of required capacities to meet the power requirements of BSL-3 Lab'.</p> <p>To enable assessment of work under this clause, it is requested to provide the drawings of existing LT panel indicating the details of existing feeder and SLD. Please also inform about the status of availability of power sanction for the BSL-3 Lab, from the local electricity department.</p>	Tender terms & conditions prevail.
29	<p>Clause 2.1 : It is stated that the site landscaping work and providing internal roads shall also be excluded from the scope of work of the contractor, which is in contradiction to Para 5.18, wherein it is mentioned that external development works like construction of boundary wall (approx. 170 rmt), backfilling work, construction of internal road, external lighting, external drainage piping, construction of manholes and landscaping works shall be carried out by the contractor and shall be included in the contractors scope of works.</p> <p>Please clarify the scope of work to be considered under this head.</p>	Tender terms & conditions prevail.
30	<p>Clause 2.1 : In the Scope of Work, the supply and installation of equipments and systems like hot water generator, steam boiler, air compressor, FDA system, CCTV system, DG Set, 6 passenger lift, water softening etc. have been specified.</p> <p>The specifications, capacity, manufacturing and performance details of these equipments</p>	Tender terms & conditions prevail.

	and systems are not specified. Please provide.	
31	<p>Clause 7.0 : It is stated that the electrical power distribution scheme shall provide un-interrupted power supply to the critical components and equipments through UPS.</p> <p>Please provide list of all the critical components and equipments which have to be hooked on UPS power supply.</p>	Tender terms & conditions prevail.
32	<p>Clause 13.4 : It is stated that the BSL-3 Laboratory facility shall be provided with a Biological Effluent Treatment plant with all the provisions along with standby facility.</p> <p>This is a critical and costly component of the BSL-3 Laboratory facility and can be a simple primitive effluent storage tank with heating elements and to a sophisticated one with fully automated and PLC controlled plant. It is therefore requested to please provide with detailed specifications, construction details, the capacity, the functional and performance requirements of the BLED plant to ascertain the actual requirement and specifications to be considered in Scope of work.</p>	Biological Effluent Treatment Plant should be PLC Controlled.
33	<p>Clause 14.1: Please clarify whether the Autoclave shall be with Sliding Door arrangement or Hinged Type Door arrangement. Please also specify the details of decontamination and sterilization cycles to be incorporated in the PLC Program of the Autoclave.</p> <p>Since the Autoclave involves substantial cost, kindly specify the type (single door/double door), quantity and the size/capacity of the Autoclave/s.</p>	Tender terms & conditions prevail.
34	<p>the Tender Documents, it appears that preparation of all the Designs and Drawings including Planning, Design Engineering, Detailing, preparation of working designs and drawings etc. is included in the Contractor Scope of work.</p> <p>Please clarify. Please also indicate the Designs</p>	Tender terms & conditions prevail.

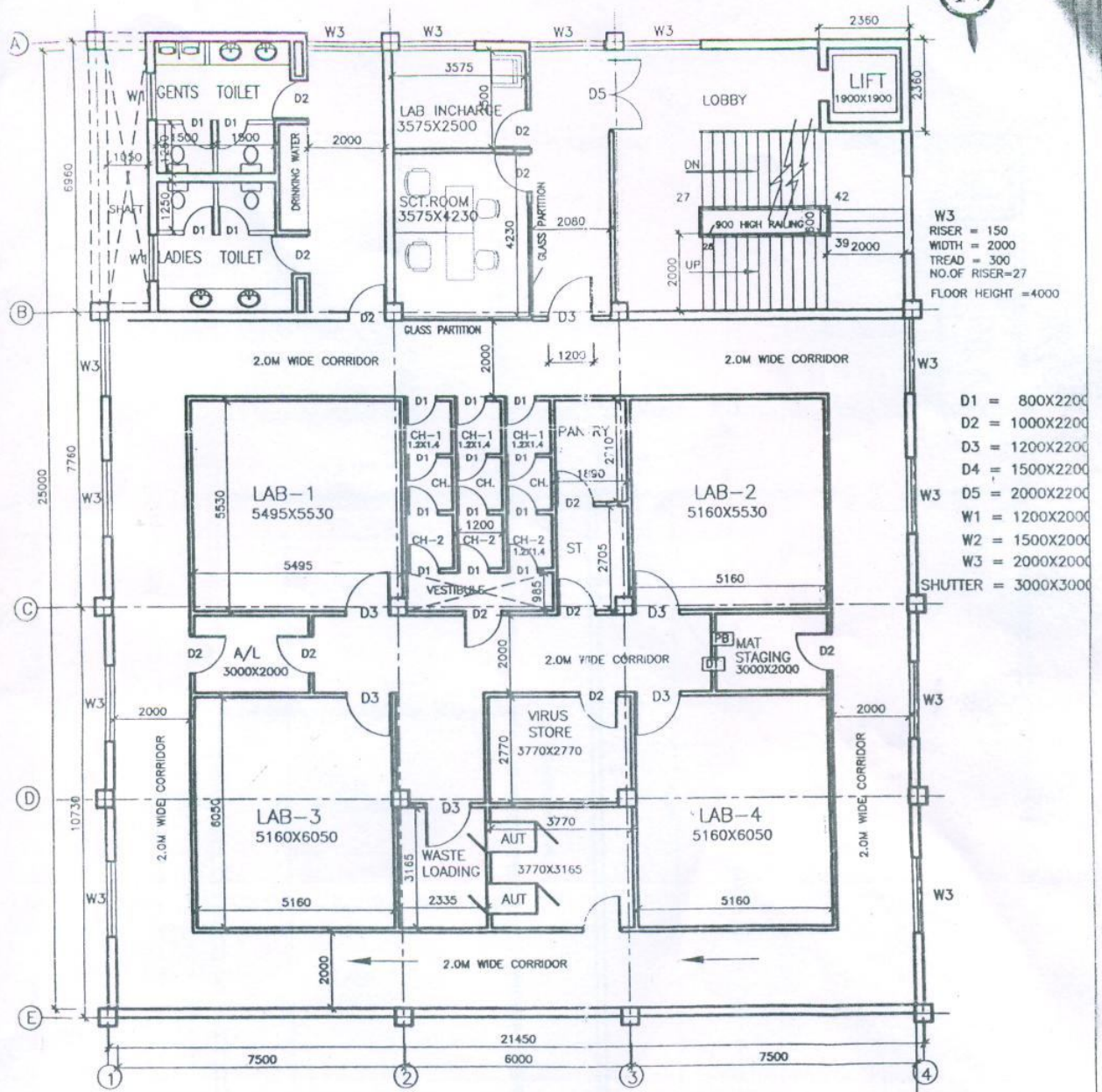
	and Drawings that will be provided by Employer/HSCC/Engineer.	
35	The specified Time for Completion of Work is 12 Months, which is too less and unreasonable. It is therefore requested to extend the Time for Completion to be at least 20 Months.	The Specified time for completion of work will be 16 months including 2 months for testing, commissioning and validation.
36	Please provide the geotechnical & geological survey report and soil report of the construction site for assessment of site conditions and soil conditions.	Tender terms & conditions prevail.
37	The scope of work states construction of BSL-3 Laboratory on 'Turnkey Basis'. What will be the interpretation of 'Turnkey Basis'. Will this be treated as a fixed Lump Sum price contract wherein the final payment will be the Contract Award value or price adjustments will be made on account of deviations and variations. There are several ambiguities and mismatch in the Technical Specifications and the Bill of Quantities. Please Clarify, whether the Bill of Quantity or the Technical Specification will prevail and how the deviations will be tackled.	Turnkey works means Planning, Design, Construction, supply, ,installation,testing, Commissioning, Validation , other allied works etc. & its maintenance during defect liability period as per scope of work of tender document. In case of any ambiguities between technical specifications and BOQ, BOQ will prevail.
38	<p>Clause 22.0 : The terms of payment for the HVAC works and specialized equipments and systems, is give as :</p> <p>50% - on receipt of equipments/items at site 40% - on erection and installation 5% - on successful completion of running tests and taking over 5% - after successful final performance testing the equipment/system or after DLP.</p> <p>The above payment terms may be amended follows as given in Clause 24.0 of SCC for Electrical Installations:</p> <p>80% - on receipt of equipments/items at site 10% - on erection and installation 10% - on successful completion of</p>	Tender terms & conditions prevail.

	<p>running tests and taking over</p> <p>It is also requested to please upload the layout drawing on your website so that we can download and attach the same in our tender document submission.</p>	
39	<p>We need some more time for compiling all the documents for our submission, hence we request you to kindly grant an extension of 7-10 days.</p>	<p>Pl. refers point no. 6.</p>

Bidder should follow the tender terms & condition for the unanswered queries.

All other terms & conditions remain unchanged.

DGM (Civil)



- W3 RISER = 150
- WIDTH = 2000
- TREAD = 300
- NO. OF RISER = 27
- FLOOR HEIGHT = 4000
- D1 = 800X2200
- D2 = 1000X2200
- D3 = 1200X2200
- D4 = 1500X2200
- D5 = 2000X2200
- W1 = 1200X2000
- W2 = 1500X2000
- W3 = 2000X2000
- SHUTTER = 3000X3000

FIRST FLOOR PLAN
AREA 538 SQ.M.

<p>LANS</p>	<p>GR. & FIRST FLOOR PLAN</p>	<p>HSCC</p>
<p>HI / 01</p>	<p>SEPT 25</p>	<p>NEW DELHI INDIA</p>