

All Bidders**Amendment -III**

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-II/2013

	Bidder's Query	Amendment/Clarification
1.	<p>Vol-I, Prequalification Document Clause 3.2 Point no ii: It is stated that 'Joint Venture is allowed. In case of foreign principal, Indian agent should be solely responsible & bid security, performance security or any other financial implication to be submitted/borne by Indian partner. Please clarify that in joint venture, who should meet the Minimum Pre- Qualification Criteria and other criteria given in the Pre-Qualification. Whether the order shall be placed to the joint venture or the lead partner of the Joint Venture. Also, in case of foreign principal, what will be the role, responsibility and accountability of the the foreign principal. Please also clarify whether similar work executed under joint venture shall be accepted or not.</p>	<p>In case of Joint Venture either Foreign principal or Indian Agent should meet the minimum Pre-Qualification Criteria. However Indian Agent should be solely responsible for the contract, bid security, performance security and any other financial implication relating to the contract shall be submitted/borne by Indian partner.</p>
2.	<p>Clause 3.2, point no. iii, Para 4 It is stated that 'Similar works shall mean construction, testing, commissioning and validation of Bio Safety Laboratory (BSL-3/BSL-4) including Civil, Electrical, HVAC, PHE & associated equipments and systems work.' Please clarify whether the similar completed work shall include building foundation and structural work. Whether the completed HVAC work shall be Central Air-Conditioning System or DX system will be accepted. Whether the completed PHE work should include Biological Effluent Decontamination System or not.</p>	<p>Similar Work is clearly defined. Tender Terms and Conditions Prevails.</p>
3	<p>Clause 3.2, point no. iii, Para 8 It is stated that 'in case the bidder do not have the experience of major specialize works like Electrical, HVAC, PHE & fire fighting etc., such specialize works shall be carried out by specialized agencies having sound financial background and experience of executing works of similar nature and magnitude. From the above, it is interpreted that the Bidder must have capability and experience of executing civil construction works. Please also clarify whether the experience of executing similar works by specialized agencies means</p>	<p>Tender Terms and Conditions Prevails.</p>

	similar works executed in a BSL-3/BSL-4 Lab or the works executed for any type of building/facility shall be accepted.	
4	<p>Clause 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 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. Since the above details shall include Intellectual and Proprietary information, we propose that a Confidentiality Agreement be signed to safeguard the interest of all the Parties, while these details and information is submitted by the Bidder.</p>	Mentioned details would be required in Hard Copy as well as Soft Copy and can be submitted at the time of presentation.
5	<p>Application Form No.4, Annexure-II. Construction Material and Equipment proposed for construction of the Laboratory has been asked under subheads A-D.</p> <p>It is proposed that to allow Comparison and Evaluation of Bidders on Equitable Terms regarding the makes/manufacturers of construction materials, equipment, electrical fittings and fixtures, HVAC system, Building Management System. and Biosafety Fixtures, list of Approved Makes/Manufacturers may be specified by NRCE/HSCC.</p>	Tender Terms and Conditions Prevails.
6	<p>Vol-II: General Conditions of Contract Clause 60.7 a) It is stated that the Advance Payment equivalent to 5% of the contract price shall be paid for the cost of mobilization.</p> <p>To ensure smooth cash flow and speedy execution of works, it is requested that the Advance Payment may be paid equivalent to 10% of the contract price. Please issue suitable amendment in this regard.</p>	Tender Terms and Conditions Prevails.
7	<p>Vol-III : Instruction to Bidder and Specific Conditions of Contract Clause 1.0, Para 4: It is stated that "The scope of work shall also include Civil, Electrical works, HVAC works, external development works, finishing works, all PHE works & fire fighting works etc. and their maintenance during defect liability period including & preparation of all detailed shop drawings, obtaining approval from all local authorities, electrical inspector, water, sewer,</p>	Tender Terms and Conditions Prevails.

	<p>drainage, electricity connection from local bodies, permission/ approval for tree cuttings etc.</p> <p>request the following to be provided and clarified:</p> <p>a) The Design requirements, Design criteria and Schematics for Civil, Electrical, HVAC, PHE & fire fighting works may be provided to understand the requirements for preparation of Bids and for preparation of detailed shop drawings. The Site Survey and Geo-Technical and Investigation reports of the Site may also be provided to understand the existing conditions and prepare the Bid by the Bidders.</p> <p>b) The Site Layout Plan indicating the external development works required to be executed may also be provided for clarity and understanding of work and preparation of Bid.</p> <p>c) We understand that the site for construction does not fall under Municipal Zone and the above stated statutory approvals from local authorities shall not be applicable. Please clarify and confirm.</p> <p>d) Since VTCC already has got Electricity Connection from local bodies, what is expected and required to be done regarding 'Electricity Connection from Local Bodies' may be clearly specified.</p> <p>e) The normal procedure is that all the Pre-Construction Statutory Approvals are obtained by the 'Architect' (whereas the Bidder here is not the Architect) and we understand that the same shall be in place. it is therefore requested that the details of Pre-Construction Statutory Approvals obtained may please be provided.</p>	
8	<p>Clause 10.2 & 37.0: We understand that Service Tax shall be applicable on the Project. Please confirm. Several Govt. Departments and Institutions are allowing payment of only part Service Tax to the Authorities by the Contractor/Service Provider and the balance applicable Service Tax is paid by Department/ Institution directly to the Authorities. Please clarify whether the full applicable Service Tax should be included in the quoted price or only part Service Tax should be included.</p>	Tender Terms and Conditions Prevails.
9	<p>Clause 29.1: It is stated that within 15 days of receipt of notification of Award, Performance Security Bank Guarantee for Part-A (Main work of Construction of BSL-3 Lab) and Part-B (Comprehensive Operation & Maintenance for five years - Optional) shall be submitted. Also the</p>	Tender Terms and Conditions Prevails.

	<p>performance security Bank Guarantee for all the five years has been asked.</p> <p>Since the work under Part-B shall be executed after completion of works under Part-A, it is requested to allow submission of the Performance Security Bank Guarantee for Part-B for each year progressively at the commencement of the yearly Operation & Maintenance Services. Suitable amendment may be issued in this regard.</p>	
10	<p>Clause 33.0 a) Payment of Mobilization Advance Please clarify and amend as requested at point no. 6 above.</p>	Tender Terms and Conditions Prevails.
11	<p>Clause 33.0: Certificates and Payments The Terms of Payment during the Operation and Maintenance Period is not specified. The same may please be clarified and specified.</p>	Quarterly payment on satisfactory services for the quarter
12	<p>Clause 39.2, para e) : It is stated under Site Development that 'For diversion of underground services proper arrangement to be made by the contractor with the approval of Engineer. It is requested to kindly provide the details and layout of existing underground services at the site of construction.</p>	Tender Terms and Conditions Prevails.
13	<p>Clause 39.2 b) Statutory Requirements Please clarify and amend as requested at point no. 7 above.</p>	Tender Terms and Conditions Prevails.
14	<p>Clause 39.2.5 : Under Site Office, it is specified that for maintenance of furnished site office, telephone, vehicle/car etc., the Maximum expenditure for site office limits to Rs. 12.0 Lakhs. It is proposed and requested that furnished Site Office, telephone, vehicle/car etc. should be arranged and maintained directly by NRCE/HSCC and excluded from the Contractor's Scope. Please also clarify that if these are to be provided and maintained by the Contractor and the expenditure under this head exceeds the specified limit of Rs. 12.0 Lakhs, will the extra expenditure be reimbursed to the Contractor.</p>	Tender Terms and Conditions Prevails.
15	<p>Clause 41.0 : Compliance of Statutory Obligation for obtaining completion Certificates. Please clarify and amend as requested at point no. 7 above.</p>	Tender Terms and Conditions Prevails.
16	<p>Clause 46.0: 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 and Boiler.</p>	VTCC/NRCE will provide fuel for DG set and boiler. All other Tender Terms and Conditions Prevails for remaining query.
17	<p>Clause 47: The document does not contain any list of approved makes.</p>	Tender Terms and Conditions Prevails.

	Please clarify and amend as per request at point no. 5 above.	Make and design of all materials and Equipments has to be get approved from HSCC/NRCE before dispatch and shall preferably be ISI marked.
18	<p>Vol-III: Additional Specific Condition of Contract and Specifications A-General</p> <p>It has been specified at: Point No. 13. Waterless urinals, audio visual console for information system Point No. 18. Signages - special module- Alphabets and back lighting Point No. 23. Provision for new electrical load and water supply need</p> <p>The interpretation and requirements of the above may kindly be elaborated, specified and clarified.</p> <p>Several items and requirements related to dismantling works have been specified. We understand that this is a green field project and no dismantling works is required. Please clarify.</p>	<p>Point No. 13,18 & 23 Tender Terms & Conditions Prevails.</p> <p>This is a green field project and no dismantling work is required.</p>
19	<p>Relating to Civil, Plumbing & Fire Fighting Works Clause 19.2 : It is stated that 'The contractor shall check at stages and supervise at the point of connection the associated civil, electrical and plumbing works underground and overhead tanks, power supply and installation of makeup water connection, drain connection in the fire fighting tanks and vicinity of plant room etc.</p> <p>Please clarify whether the scope of work shall also include construction of underground and overhead water tanks. Please also clarify whether fire fighting water tank, fire hydrant, wet riser etc. works related to fire fighting system shall also be included in the scope of work</p>	The scope of work shall also include construction of underground and overhead water tanks. Complete Fire Fighting System should be provided.
20	<p>Clause 24.2 : It is stated that 'Contractor will be held responsible if any work at site is carried out without having approval of municipal or local bodies'.</p> <p>Since all the Pre-Construction Statutory Approvals are obtained by the 'Architect' ,we presume that the same shall already be in place. Please confirm the same.</p>	Tender Terms and Conditions Prevails.
21	Clause 24.4: It is stated that 'Contractor shall obtain from	Completion certificate has to

	<p>the competent Municipal Authority completion certificates with respect to his work as required for occupation of the building'.</p> <p>We understand that the NRCE campus and the proposed site for construction do not come under Municipal Zone. Under such scenario, obtaining completion certificate from Municipal Authority may not be applicable. Please clarify and confirm.</p>	<p>be taken by the contractor if applicable.</p>
22	<p>Clause 24.5: It is stated that 'Before start ... ATT,signages works etc.'.</p> <p>Please clarify whether ATT and Signage Work shall also be included in the Contractors scope or not.</p>	<p>Tender Terms and Conditions Prevails.</p>
23	<p>Clause 26.0: RO plant and Solar water heating system are specified, which is not mentioned in the Scope of work.</p> <p>Please clarify whether RO Plant and Solar water heating system shall also be included in the Contractors scope or not. If yes, please specify the technical specifications, approved makes and the capacity.</p>	<p>Tender Terms and Conditions Prevails.</p>
24	<p>C- Relating to Electrical Installations Clause 3.1 : it is stated that 'The ratesand getting permanent electricity connection from concerned local body (s) etc.'</p> <p>We understand that VTCC already has sanctioned and connected power supply available. It is requested to clarify the interpretation of this clause and the clearly specify the work included in the Contractors Scope under this.</p>	<p>Tender Terms and Conditions Prevails.</p>
25	<p>Clause 8.1: It is stated 'The drawings indicate the extent and general arrangement of the fixtures, controlling switches, wiring system etc. and are essentially diagrammatic'.</p> <p>No such drawings are given in the Tender Documents. It is therefore requested to kindly provide the above mentioned drawings to understand the requirement, assessment and preparation of Bids.</p>	<p>Layout Drawings are provided with Tender are just for illustration purpose. However Contractor shall design detailed drawings and shop drawings as per requirement.</p>
26	<p>Clause 12.1: It is stated that' All materials and equipments shall be ISI marked and shall be of the approved make and design'.</p> <p>There is no Approved Make given in the Tender Documents. Please provide the list of approved makes.</p>	<p>Make and design of all materials and Equipments has to be get approved from HSCC/NRCE before dispatch and shall preferably be ISI marked.</p>
27	<p>Clause 26,0:Completion Certificate Please clarify and confirm as requested at point no. 21 above.</p>	<p>Tender Terms and Conditions Prevails.</p>

28	<p>Clause 31,0 : It is stated that 'The contractor shall pay for and arrange for operation & running of entire electrical system including DG sets, lifts and other equipment for a minimum period of one month after satisfactory completion desired by Engineer. Cost of operation and running of entire system including required material eg. fuel, consumables. tools & tackles, required manpower etc. shall be deemed to be included in the contract'.</p> <p>Please clarify whether Diesel fuel for running the DG Set shall be provided by the contractor or the same shall be supplied by the Client.</p>	Diesel Fuel for running the DG Set shall be provided by the NRCE.
29	<p>D-Relating to HVAC Works and Specialized Equipments & System/Services</p> <p>Clause 5.1: It is stated that 'The contractor shall arrange for proof checking of the drawings from accredited and approved agency at no extra cost'.</p> <p>Please clarify whether the drawings shall be approved by the Engineer or the contractor shall have to arrange for proof checking of the drawings from accredited and approved agency. If proof checking is required, please provide the list of accredited and approved agencies.</p>	Tender Terms and Conditions Prevails.
30	<p>Clause 22.0 Following Terms of Payment is given:</p> <ol style="list-style-type: none"> a. 50% of BOQ contract rates on receipt of equipments/Items at site b. 40% of BOQ contract rates on erection and installation. c. 5% after successful completion of running test and taking over. d. 5% after successful final performance testing or completion of defect liability period. <p>Since the HVAC Works, Specialized equipment, systems and services constitutes a substantial value of the total work, the above payment terms shall result in poor cash flow and liquidity on the project.</p> <p>It is requested that the above payment terms may be amended as given under Clause 24.0 of Section C (Electrical Installations), which is as under:</p> <ol style="list-style-type: none"> a. 80% of BOQ rate on receipt of equipment at site b. 10% of BOQ rate on erection and installation of equipment. c. 10% after successful completion of testing, commissioning and taking over. 	Tender Terms and Conditions Prevails.
31	<p>Appendix to Tender.</p> <p>Time of Completion is given as 'Within Twelve Calendar month'.</p>	Time of Completion is Sixteen Months.

	The above may be amended and corrected as within Sixteen Calendar Months, as given in the NIT and Conditions of Contract,	
32	<p>Volume IV- Technical Specification Clause 2.1 Para 4: It is mentioned that the scope of work shall also include 'Supply and laying of the required power supply cables from the existing electrical room (LT panel room) upto the proposed BSL-3 Lab for its power supply. 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>Please provide the location and details of electrical room and the LT Panel from where the power supply cable is to be laid. 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-3Lab, from the local electricity department.</p>	Tender Terms and Conditions Prevails. However bidder may visit site at their own cost if they desire.
33	<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. Please also provide the Site Layout Plan indicating the landscaping, road work and Boundary wall work for assessment and preparation of Bid.</p>	Site landscaping work and providing internal roads shall be included in scope of work of contractor.
34	<p>Clause 2.1: In the Scope of Work, the supply and installation of equipments and systems like hot water generator, steam boiler, ail' compressor, FDA system, CCTV system, DG Set, 6 passenger lift, water softening have been specified.</p> <p>The Tender Conditions do not include list of approved makes/manufacturers. It is requested to please provide the list of approved makes/manufacturers for major items like Lift, DG Set, Boiler, Compressor, Hot Water Generator, Autoclave and Biosafety Cabinet.</p>	Tender Terms and Conditions Prevails.
35	<p>Clause 5.15: It is specified that 'The staircase area, reception, office etc. shall be provided in approved high quality internal finishing for good aesthetics.</p>	Tender Terms and Conditions Prevails.

	It is requested to provide the Finishing Schedule for the staircase area, reception, office other internal areas, external finishing etc. for the complete building.	
36	<p>Clause 5.20: At Point no. iii) it is specified that the Autoclaves should be double door autoclaves.</p> <p>The Layout Plan given indicates two nos. Autoclaves and we understand that one Autoclave is a Standby Autoclave. Please clarify and confirm the quantity of Autoclave. Please also clarify and confirm whether the Autoclaves should be with Sliding Doors or with manually operated hinged doors.</p>	The double door barrier autoclaves are required as shown in the layout plan in addition to them one single door autoclave is required for sterilization of glassware etc. as indicated in clause 14.1.
37	<p>Clause 5.20: At point no. iv) it is stated that 'The lab shall be constructed, tested and commissioned as per American Standards'</p> <p>Please clarify the interpretation of the above. Please also clarify whether the Construction of the Lab shall be carried out as per American Standard. Also please specify the relevant American Standards that shall be referred to under this Clause.</p>	Tender Terms and Conditions Prevails.
38	<p>Clause 5.20: At point no. vi) It is stated that 'Negative differential pressure between two zones should not be less than 20 pascals'.</p> <p>The asked Negative Differential Pressure of 20 Pa is higher than what is recommended for BSL-3 Laboratories. Also please provide the Zoning Layout indicating the Differential Pressure Gradient to be maintained across different zones.</p>	Tender Terms and Conditions Prevails.
39	<p>Clause 5.20: At point no. viii) & ix) It is stated that '100% Air Tight doors, shower doors, leak proof dampers required which must be tested before dispatch for leak testing'. Door Material should be minimum SS-304.</p> <p>Please clarify and indicate the test pressure rating for the doors and dampers. Please also clarify whether Pressure Decay testing shall also be carried out for the BSL-3 Laboratory. If Yes, please specify the Test Pressure for Pressure Decay testing.</p> <p>Please clarify whether all the doors of BSL-3 Laboratory shall be in SS 304. If, no please provide list/details of the doors which should be in SS 304.</p>	Pressure decay test shall be carried out for BSL-3 lab as well as for all air tight components as per standards.
40	Clause 5.20 : At point no. x) it is stated that 'Duct should	Minimum all contaminated

	<p>be welded Air Tight of SS 304 and should have provision for leak test during operation and maintenance.</p> <p>Please clarify whether the entire HVAC System ducting (entire supply and exhaust ducting) shall be in welded SS 304. Please clearly specify the requirement.</p>	<p>ducting i.e. from Bio- seal damper in supply side to lab diffuser and from lab room to HEPA filter housing in exhaust side should be SS-304 air tight welded duct with provision for leak testing.</p>
41	<p>Clause 5.20: At point no. xiii) it is specified that 'All drain should be of SS316'.</p> <p>Please clarify whether the drain piping of only BSL-3 Laboratory area shall be of SS 316 or the entire drain piping of the building shall be in SS316. Please clearly specify the drain piping which should be of SS 316.</p>	<p>All drain pipes related to containment area should be SS-316.</p>
42	<p>Clause 5.20: At point no. xiv) the Biological Effluent Treatment plant is specified.</p> <p>Please clarify the following:</p> <p>a) The Capacity of Biological Effluent Treatment plant b) The Standby Capacity</p> <p>c) Whether automated effluent management system is required or not.</p> <p>d) Whether the steam supply to Biological Effluent Treatment plant shall be provided through the common Steam Boiler or a dedicated Steam Boiler for Biological Effluent Treatment plant shall be provided</p> <p>e) It is written that 'Material should be SS 316'. Please clearly specify the components of Biological Effluent Treatment plant which should be in SS 316.</p> <p>f) Specify the Safety Features desired in the Biological Effluent Treatment plant system</p> <p>g) Heat Exchanger for heat recovery has been specified. Please provide the details of Heat Exchanger</p>	<p>Tender Terms and Conditions Prevail.</p>
43	<p>Clause 5.20: At point no. xv) it is specified that 'ETP room should be air tight at negative pressure'.</p> <p>Please clarify the negative pressure of ETP room. From the requirements, it is inferred that the Construction and finishes of ETP room shall be similar to the BSL-3 Laboratory area. Please clarify and confirm.</p>	<p>Air tightness of ETP room should be similar to BSL-3 laboratory and other internal finish should be compatible to the work being carried out in ETP room.</p>
44	<p>Clause 5.20: At point no. xvi) it is specified that 'Drawings are just for illustrative purpose'.</p> <p>Except the Layout Plan, no drawing is provided in the Tender Documents. It is requested to kindly provide the following drawings:</p> <p>a) The zoning drawing indicating the differential negative pressure.</p> <p>b) HVAC system schematic drawing.</p>	<p>Tender Terms and Conditions Prevails.</p>

	<p>c) The BMS schematic drawing.</p> <p>d) The effluent and drain piping schematic drawing</p> <p>e) Electrical Distribution schematic drawing</p> <p>f) Fire Alarm schematic drawing</p> <p>g) Site Layout Plan indicating landscaping, road and boundary wall works.</p>	
45	<p>Clause 5.20 : At point no. xvii] it is specified that' All Engineering components should have 100% redundancy/standby arrangement/system so that operation of containment lab is not hampered as lab will operate 24 hours x 365 days.</p> <p>Please clarify and provide Complete List of all the Engineering Equipment/Item and Components for which 100% redundancy shall be provided.</p>	Tender Terms and Conditions Prevail.
46	<p>Clause 5.20: At point no. xx) it is specified that' AHU should have VFD in order to be energy efficient'.</p> <p>We recommend that the AHU's as well as the Exhaust Fans should be provided with VFD. Please clarify and confirm.</p>	Exhaust Fans should also be provided with VFD.
47	<p>Clause 5.20: At point no. xxiii) it is specified that 'Oil (HSD) fired Boiler of suitable capacity should be provided.</p> <p>Please clarify and confirm whether the Boiler should be an IBR or Non-IBR Boiler.</p>	Boiler should be Non-IBR Boiler of reputed make as far as possible however bidder may see Indian Boiler Regulations before quoting.
48	<p>Clause 7.0: It is stated that the electrical power distribution scheme shall provide un-interrupted power supply to the critical components and equipment through UPS.</p> <p>Please provide list of all the critical components and equipment which have to be hooked on UPS power supply. Please also clarify and confirm whether the BSL-3 Laboratory Exhaust Blowers shall be on UPS or not.</p>	Tender Terms and Conditions Prevails.
49	<p>Clause 12.0: Please clarify and confirm whether the exit from the shower shall be linked with the shower exit door interlock.</p>	Tender Terms and Conditions Prevail.
50	<p>Clause 13.1: Please provide the details, drawings and location of the existing feeder from where the power shall be tapped for the BSL-3 Lab. Please also confirm whether spare feeder for BSL-3 Laboratory is available or not in the existing LT Panel. Please also confirm whether that existing LT panel has the spare capacity and rating to meet the power requirement of the BSL-3 Laboratory. Who will provide the switchgears, if additional feeder is to be provided in the</p>	Tender Terms and Conditions Prevail. Please also see clause 2.1 of Vol. IV.

	existing LT panel.	
51	Clause 14.1:Please specify and provide the details of decontamination and sterilization cycles to be incorporated in the PLC Program of the Autoclave. Please also confirm the size/capacity of the Autoclave.	Tender Terms and Conditions Prevails.
52	Clause 15.0: Statutory Approvals We understand that the NRCE campus and the proposed site for construction do not come under Municipal Zone. Under such scenario, obtaining completion certificate from Municipal Authority may not be applicable. Please clarify and confirm.	NRCE campus comes under municipal zone. Completion certificate has to be taken by the contractor if applicable.
53	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.	Layout drawings has already been uploaded with the tender at website.
54	Scope of Work (Please refer Pg 3 : Clause 2.1 : para 3) : states that the site landscaping work and providing internal roads are excluded from the scope of the work of the contractor. However (please refer pg 8: clause 5.18) it is mentioned to be included in the scope of work of contractor. Please Clarify.	Landscaping work and internal roads are in the scope of work.
55	Please mention the type of Access control system is required from the following three options : Biometric/Card/Password control system (Pl. refer pg 5: Clause 4.1)	A combination of Bio-metric and pass word control system
56	Please elaborate the list of engineering components which should have 100% redundancy/standby arrangement /system (Pl refer Pg. 9 : Pt.- XVII)	Tender Terms and Conditions Prevail.
57	Vol-IV, Technical Specification Clause 5.20 iv) The Lab shall be constructed, tested and commissioned as per American Standards.	Vol-IV,Technical Specification Clause 5.20 iv) may be read as The Lab shall be constructed, tested and commissioned as per International Standards. Wherever American /USA standards are written may be replaced with International Standards.

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

All other terms & conditions remain unchanged.

CGM (D&E & Projects)