

Expression of Interest (EOI)

&

Request for Proposal (RFP)

for

Preparation of Detailed Project Report for

Setting Up of Tertiary Level Medical Care Management Centre in the Event of Chemical, Biological, Radiological and Nuclear (CBRN) Adversity with an Integral Bone Marrow Transplant Centre (BMTC) at Stanley Medical College, Chennai, India

The Complete Document consists of following:

Volume -I (EOI)

Volume-II (RFP)

Volume-II (RFP)

Tender No. HITES/IDN/CBRN/29/2017-18

(January, 2018)



(Subsidiary of HLL Lifecare Ltd., A Government of India Enterprise)

B-14A, Sector - 62,

NOIDA (UP) -201307

Phone no: 0120-4071500,

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DISCLAIMER

This document has been prepared by M/s HLL Infra Tech Services Ltd. (HITES) for & on behalf of Directorate General of Health Services (DGHS), Ministry of Health & Family Welfare Govt. of INDIA. The information is provided to short listed Bidders, who are interested to Bid for providing Consultancy services for Preparation of Detailed Project Report for Setting up of Tertiary Level Medical Care Management Centre in the Event of Chemical, Biological, Radiological and Nuclear (CBRN) Adversity with an Integral Bone Marrow Transplant Centre (BMTC) at Stanley Medical College, Chennai, India. Information is also provided to bidders on the terms and conditions set out in this document and any other terms and conditions subject to which such information is provided.

This is a Request for Proposal (RFP) and is not to be taken as a commitment by HITES/ Directorate General of Health Services (DGHS), Ministry of Health & Family Welfare Govt. of INDIA to issue any order or otherwise pay for the information solicited.

Bidders are required to make their own inquiries and they shall be deemed to have done so and not to have relied merely and solely on the information provided in this document. The information provided in the document is not binding on DGHS, MoHFW/HITES or any of their authorities or agencies or any of their officers, employees, agents or advisors.

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No reimbursement of any kind will be paid to persons or entities submitting their Tenders/ Bids.

DEFINITIONS

1. **“Applicant(s)/Bidder(s)”** shall mean parties participating in the bidding process pursuant to and in accordance with the Terms of this RFP.
2. **“Application”** shall mean the RFP submitted by an Applicant in the prescribed format.
3. **“Project”** shall mean Preparation of DPR for Setting up of Tertiary Level Medical Care Management Centre in the event of Chemical, Biological, Radiological and Nuclear (CBRN) Adversity with an integral Bone Marrow Transplant Centre (BMT) at Stanley Medical College, Chennai, India
4. **“CBRN”** shall mean Chemical, Biological, Radiological and Nuclear (CBRN) Medical Management Center.
5. **“Client/DGHS”** shall mean Directorate General of Health Services, under Ministry of Health & Family Welfare, Govt. of India.
6. **“MoHFW”** shall mean Ministry of Health & Family Welfare, Govt. of India.
7. **“HITES”** shall mean HLL Infra Tech Services Limited, having its corporate office at B-14A, Sector – 62, NOIDA (UP) -201307, INDIA”.
8. **“RFP”** shall mean this request for Proposal
9. **“Bid/Proposal”** shall mean the signed technical & financial offer submitted by the Applicant in response to this RFP.
10. **“DPR”** shall mean Detailed Project Report.
11. **“Site”** shall mean the place for which the services as mentioned in the Scope of Work for the Project for which the Detailed Project Report has to be prepared.
12. **“Consultant/ DPR Consultant”** shall have the same meaning as Successful bidder and with whom the Contract Agreement has been signed.
13. **“Contract Agreement”** shall mean the agreement to be signed between the Successful bidder and Client/ HITES for this Project.
14. **“LOA”** Letter of Award shall mean the letter issued by Client/HITES to the Successful bidder inviting him to sign the Contract Agreement"
15. **Approved"** means approved by HITES/Client's representative in writing.
16. **“Consultancy Fee”** shall mean the fee to be paid as per schedule of payments by the HITES to the Consultant as given in the Bid document.

REQUEST FOR PROPOSAL**Setting Up of Tertiary Level Medical Care Management Centre in the Event of Chemical, Biological, Radiological and Nuclear (CBRN) Adversity with an Integral Bone Marrow Transplant Centre (BMTC) at Stanley Medical College, Chennai, India****SECTION I****NOTICE INVITING BID (NIB)****1. BRIEF DESCRIPTION OF THE PROJECT:**

For & On behalf of Directorate General of Health Services (DGHS) Ministry of Health & Family Welfare Govt. of INDIA, HITES intends to appoint DPR Consultant for Preparation of DPR for Setting up of Tertiary level Medical Care Management Centre in the event of Chemical, Biological, Radiological and Nuclear (CBRN) Adversity at Stanley Medical College, Chennai, INDIA. This facility is to be created for detection, protection, decontamination & follow up treatment for the affected members of the public in the event of a chemical, biological or radiological and nuclear accident/intentional use to cause harm.

1.1. Preparation of Detailed Project Report (DPR)

Table-I

Name of the Work	Tentative Cost of Project	Earnest Money Deposit (EMD)	Period of Completion (Months)
Setting up of Tertiary level Medical Care Management Centre In the event of Chemical, Biological, Radiological and Nuclear (CBRN) Adversity at Stanley Medical College, Chennai, INDIA	Rs. 70 Crores	Rs.2Lakhs	4 months

1.2. Bid Activity Schedule:

Table-II

1	Last date & time of submission of Bids	21.02.2018 at 15.00 Hrs
2	Date & Time of opening of Bid	22.02.2018 at 11.30 Hrs
3	Date of submission of Performance Bank Guarantee	Within 15 Days from date of issue of LOA
4	Date of signing of contract agreement	Within 21 days from date of issue of LOA
5	Date of Commencement of Work	15 days from the date of LOA

1.3. Eligibility criterion: Please refer EOI Document**1.4. Consultancy Fee:**

The consultancy fee shall be fixed fees inclusive of all the direct and indirect taxes including GST & any other fee/ expenditure incurred for this work.

- 1.5. **Award Criteria:** Subject to the requirements. HITES will award the contract to Applicant/ Consultant whose bid is found responsive complete and in accordance with the RFP documents.
- 1.6. **Processing fee:** Demand draft amounting equivalent to INR 10,000.00 (exchange rate prevailing on the date of submission of bids) in favour of HLL INFRA TECH SERVICES LTD., Payable at NOIDA / NEW DELHI
- 1.7. Earnest Money Deposit of Rs.2.00 Lakhs as per clause 5 Section –II.

1.8. Tender Documents:

Tender document consists of:

Part I: Technical Bid

Volume-I EOI: Complete duly filled and sealed and Signed with all required supporting documents as required in the EOI document.

Section I : Notice Inviting Bid

Section II : Instructions for Applicants (Including Annexure)

Section III : Terms & Conditions of Contract

Part II: Financial Bid

Section IV : Financial Bid

Amendments/Clarifications: All Amendments/Corrigendum and clarifications issued, if any, before the last date of receipt and opening of the bids.

- 1.9. **Preparation of Bid:** The bid for work shall comprise of TWO PARTS –
 - 1.9.1. **Technical Bid (Part I):** As above and EMD in original and bid processing fee.
 - 1.9.2. **Financial Bid (Part II):** Price quoted by the bidder in Form E.
- 1.10. **Points to be noted:**
 - 1.10.1. **Signing of Bid:** The EOI & RFP Documents shall be signed by the authorized person (s) of the firm. Power of attorney in this regard (if applicable) shall be submitted. All pages of the EOI & RFP document shall be sealed & signed.
 - 1.10.2. In case of partnership companies/incorporated companies/ Joint Venture/ Consortium, the intending bidder shall submit a written Power of Attorney in the prescribed format on non-judicial stamp papers duly notarized, authorizing the signatory/ signatories of the tender to commit the tender. In case of sole proprietary firm(s) the bidder shall submit affidavit of sole proprietorship on non-judicial stamp paper duly notarized.
 - 1.10.3. Cancellation or change of a document such as Power of Attorney, Partnership deed, Constitution of firm etc., which may have bearing on the Tender/Bid shall be communicated forthwith in writing by the Tenderer to HITES/CLIENT.
- 1.11. **Responsiveness of Bid :**

A bid shall be declared non- responsive if:-

 - a) It is not submitted in sealed envelope in the prescribed manner.
 - b) It is not accompanied by envelope containing the EMD
 - c) It is not accompanied by envelope containing the processing fee.
 - d) The bid is conditional or carries material deviation from the prescribed conditions in EOI and RFP.

1.12. Submission of Bid:

- a) The offer must be delivered in separate sealed cover to the address mentioned below as per Bid Activity Schedule at Clause 1.2 above.
- b) The bidders shall place their bids in two separate sealed Envelopes i.e. Technical Bid in Envelope I containing EMD, processing fee and Financial Bid in Envelope II. Each envelope will be marked in bold letters indicating its contents. Both the bids shall be placed in a single sealed envelope duly super scribed **“Setting up of Tertiary Level Medical Care Management Centre in the event of Chemical, Biological, Radiological and Nuclear (CBRN) Adversity at Stanley Medical College, Chennai, INDIA”**.
- c) HITES/Client, reserves the right to accept or reject any or all bids without assigning any reasons. No bidder shall have any cause of action or claim against the HITES/CLIENT for rejection of his/their bid.
- d) The bid(s) submitted by the bidder(s) without Processing fee in form of Demand draft amounting equivalent to INR 10,000.00 (exchange rate prevailing on the date of submission of bids) in favour of HLL INFRA TECH SERVICES LTD., Payable at NOIDA / NEW DELHI and EMD in the form of a Bank Draft for an amount indicated in Table-I OR Bank Guarantee of equivalent amount from a Schedule Commercial Bank in India acceptable to the Client in favour of HLL Infra Tech Services Limited, payable at New Delhi/Noida shall be treated non-responsive and bid (s) of such bidder(s) shall not be processed. The financial bid shall be opened for the bidder (s) meeting the eligibility criteria and other terms and condition of the EOI & RFP document after technical evaluation.
- e) The format of the Bank Guarantee shall be as **per Form-C** annexed to **Section-II**, Information to Bidders. The said Bank guarantee shall be irrevocable and valid for a period not less than 30 days beyond the validity of the Bid (i.e. 150 days from the last date of submission of Bids as per clause 1.2 of Notice Inviting Bid or extended date thereof). The EMD of unsuccessful Bidders shall be discharged/ returned by HITES not later than 30 days after the expiration of the period of Bid Validity.

1.13. Tender/Bid Evaluation:

The Technical Bids will be evaluated based on clause 1.11 above and responsiveness to the tender requirements. The Price Bids of eligible firm(s) whose bids are declared responsive shall only be opened. HITES/Client reserves the right to reject any or all of the offers without assigning any reason.

Vice President (ID)
HLL Infra Tech Services Limited
B- 14- A Sector-62, Noida-201307 (U.P.)
Tel. No. 0120- 4071500; FAX 0120-4071627

SECTION-II INSTRUCTIONS FOR APPLICANTS

1. BRIEF DESCRIPTION OF THE PROJECT: _

Preparation of Detailed Project Report (DPR) for Setting up of Tertiary Level Medical Care Management Centre (MMC) in the event of Chemical, Biological, Radiological and Nuclear (CBRN) Adversity with an integral Bone Marrow Transplant Centre (BMTC) at Stanley Medical College, Chennai, India, as per best global practices and latest design parameters.

2. SCOPE OF WORK

The scope of work of the consultant under this contract shall include Complete and detailed design of CBRN MMC with BMTC as detailed below:

a) Preparation & Finalization of Detailed Project Report (DPR)

- i. Carry out Topographical survey and Soil investigation.
- ii. Design development including preparation of architectural brief, design concept, concept for services etc. and its concurrence / approval of Client/ HITES.
- iii. Detailed design engineering including architectural design, structural design & drawings, Sanitary, Water supply and sewage (including provision of runoff water storage from decontamination stations), plumbing, waste management, Signage's and landscaping etc. and its concurrence / approval of Client/ HITES.
- iv. Detailed design of services i.e. Electrical Systems including power distribution and complete internal and external lighting, fire detection and alarm systems, firefighting system including fire protection, intercom system, acoustic and public address system, closed circuit television, Wi-Fi system, internet, video conferencing system (for audio and visual), channel music and other electrical/electrical control and display systems including metering facilities, generators, UPS stabilized power conditioners, Air-conditioning and Air Handling Systems, along with suitable HEPA and CBRN filters and accessories for catering to the requirements of the new facilities.
- v. Submission of the complete set of drawings and other related documents, both in hard and soft copy in Auto CAD etc.
- vi. Provide list of the Furniture, Equipment's etc. including specifications and Manpower requirement
- vii. Detailed Project Cost based on CPWD Norms for DSR Items and Market rates for Non DSR items. Consultant shall prepare Bill of quantities and specification of works for building services and utilities by following latest provisions of CPWD Works Manual, CPWD schedule of rates, CPWD Specifications and updated with circulars/correction slips.
- viii. The completion schedule of the project indicating timelines of activities should be provided in PERT/Bar Chart along with critical milestones.
- ix. Identifying various statutory approvals/ permissions/ permits etc. that are required from various statutory/ local/ Govt. agencies.
- x. Provide list of all aspects of quality assurance including validation and testing of equipment required during project implementation.
- xi. Consultant shall ensure that all drawings / designs are prepared in accordance with the relevant bye laws of local authority, Indian Electricity rules and Indian Standard specification as amended upto the date and as per sound engineering practice and shall be responsible to ensure the structural stability and efficiency / adequacy of various other services and utilities as per design.
- xii. Suggestive SOP (Standard Operating Procedures) for the functioning of system

- xiii. Any other or all services not specifically mentioned herein but required for the proper and successful completion of the project in accordance with international standards or Bureau of Indian Standards (BIS) including National Building Code.

3. REQUIREMENTS OF CBRN MMC & BMTC:

3.1. CBRN detection, protection and decontamination

The project will be suitably designed to accommodate the installation and use all the systems and subsystems required to carry out CBRN Tertiary level Medical management procedures, to include screening & decontamination, treatment and follow up care as detailed below but not limited to the following:

- 3.1.1. The facility will cater for 450 personnel, which will include 200 patients and 250 health care workers.
- 3.1.2. Provision of triage for patients / individual arriving at the hospital.
- 3.1.3. Creation and operation of all the Decon modules as finally designed with capacity to decontaminate 100-120 persons per Hour.
- 3.1.4. Separate facility for managing contaminated patients who require immediate lifesaving interventions.
- 3.1.5. Creation and operation of all the pre and post Decon systems.
- 3.1.6. Stringent measures will be incorporated in the protection system, to ensure that contamination brought in by the patient does not contaminate the environment / escape into atmosphere.
- 3.1.7. The CBRN protection coverage will completely encompass the entire facilities, in addition to the pretreatment center, the decontamination modules and the clearing areas and the notified "Hot" areas.
- 3.1.8. The proposed protection facility will function effectively both when the ambience is clean or contaminated by creating positive, normal or negative pressure as required and regulating the air flow through requisite filters to avoid cross contamination.
- 3.1.9. Air conditioning plant and air handling systems along with suitable HEPA and CBRN filters. The CBRN protection and ventilation systems will be designed and integrated with HVAC system to be installed, in the whole complex. The CBRN systems will be capable of being bypassed in the normal uncontaminated conditions.
- 3.1.10. The purified air supply will cater for up to 30 air changes in the OTs and up to 12 air changes per hour for the rest of the complex.
- 3.1.11. Provisioning and positioning of CBRN Individual Protection Equipment (IPE) and CBRN Detectors in adequate numbers to meet the requirements of both the staff as well as the patients.
- 3.1.12. The entire CBRN Protection system shall be so designed as to automatically start up and operate on receiving contamination warning from installed sensors. This will also be provided with a manual over-ride for starting and stopping functions.
- 3.1.13. Development of a CBRN ambulance with capacity to carry sitting / lying patients fitted with CBRN Ventilation systems, generator sets, A/Cs and CBRN first aid and other equipment and to be manned by a trained crew.
- 3.1.14. A vehicle decontamination station (VDS) with a capacity to decontaminate 4 to 6 vehicles per hour will also be catered for and constructed for decontamination of patient carriers / ambulances.

3.2. CBRN MMC AND BMTC BLOCK: Essential spaces facilities and design requirements

- 3.2.1. This will be a 50 bedded facility at the CBRN MMC and the BMTC will hold 4 beds: the 50 beds would be in dispensation of: (i) 10 beds each in the 2 general wards, (ii) 16 ICU beds (including 4 VIP beds) (iii) 5 beds each in the pre-operative and post-operative rooms, (iv) 4 beds in BMTC

- 3.2.2. There should also be a provision of a reception area, triage area, decontamination stations with (i) undressing area, (ii) checking and clearing area, (iii) Emergency treatment area (4 bedded, for contaminated patients), (iv) Pretreatment area, (v) waiting area, and (vi) decontamination modules (with hot, cold and chemical shower)
- 3.2.3. In addition there should be provision of staging rooms, 2 modular OT's (with purified air supply for up to 30 air changes), nursing station, treatment rooms (4 Nos.), preparation room, theater sterile supply, laboratories (one each for chemical, biological and radiological sample analysis) and procedure rooms, doctor's duty rooms (2, with attached toilets), VIP treatment facility (separate with triage and decontamination area, treatment room, undressing room, checking, clearing area and new dress area and 4 bedded (ICU), analogous treatment rooms, toilets (for general patients), lifts and staircases etc.
- 3.2.4. Creation and maintenance of differential pressure in the various modules. This involves system design for each section including Bio treatment center and other sections where negative pressure is to be maintained when required. Suitable numbers of specially design CBRN ventilation system (VS) will be custom created to match each section. These should also be suitably installed with PRVs.
- 3.2.5. The CBRN MMC would be co-terminus / linked with emergency department. During peace time, the facility could be used to accommodate normal trauma / emergency victims.

3.3. Operations control station (OCS)

- 3.3.1. A designated single authority would monitor the entire gamut of events taking place and exercise real time control, based on the inputs available, from a central location, suitably assisted by a nucleus staff and a single panel input/ output system which is configured specially for this purpose. A communication center co-located with the OCS, should be situated in the vicinity of the CBRN hospital complex to ensure that all the required inputs, from people onsite, deployed sensors, information received through debriefing of the public as well as the patients, security organization and the like is available. Hard data pertaining to levels of contamination and their types, area affected etc, will have to be made available to the OCS through these means.
- 3.3.2. Some of the inputs such as the presence/ ambience of contamination received from dedicated sensing instruments will be processed so as to automatically trigger operation such as closing of doors and openings, starting of ventilation system (VS), rerouting of air supply from AHUs and HVACs through the several VS deployed at the different points in the complex, starting of air curtains, sounding of alarms where/ when contamination has occurred and so on. The OCS also will provide real time outputs pertaining to De-contamination operation and the progress thereof.

3.4. Additional requirements:

- 3.4.1. Calculation and provision of total water requirement and consequent waste water disposal planning including neutralization of contamination, masking and disposal.
- 3.4.2. Sewage and waste disposal including drains and provisions for retention tanks for catering to the specific treatment and disposal requirements of chemical and radioactive waste. This apart, all aspects of biomedical waste (management & handling) rules 2016 with subsequent amendments, if any, issued by the ministry of environment and forest, government of India should be addressed in the provision for waste management.
- 3.4.3. The construction would address the disaster mitigation requirements structural and non- structural, applicable for various seismic zones and for other disasters such as flood, cyclone etc.

- 3.4.4. Standby power generating equipment capable of handling the entire power requirement of the facility.
- 3.4.5. Centralized gas manifold system
- 3.4.6. Following additional issues will also have to be addressed adequately:-
 - 3.4.6.1. Separate facilities for Men and women
 - 3.4.6.2. Stretcher cases to be handled and routed separately
 - 3.4.6.3. Provision for VIPs to be received and attended to separately
 - 3.4.6.4. Installation of alarm system at suitable points
 - 3.4.6.5. Provisioning and positioning of CBRN individual protection equipment (IPE) in adequate numbers to meet the requirements of both the staff as well as patients.

4. DOCUMENTS TO BE SUBMITTED WITH DPR:

The consultant engaged for developing DPR shall submit his design with all the documents and the references used in the design. The consultant shall also submit minimum SIX (6) sets along with the soft copy of the following:

- a. Detailed design including the Architectural drawings, Structural Drawings, Services component drawings, Soil Investigation Report, Related Design data etc.
- b. Detailed Project Cost based on CPWD Norms for DSR Items and Market rates for Non DSR items, Bill of quantities for building, services and utilities by following latest provisions of CPWD Works Manual, CPWD schedule of rates, CPWD Specifications and updated with circulars/correction slips.
- c. Detailed specifications and bill of quantities for all CBRN related equipment and furniture.
- d. The completion schedule of the project indicating timelines of activities provided in PERT/Bar Chart along with critical milestones.
- e. List of various statutory approvals/ permissions/ permits etc. including drawing and details & any other documents that are required from various statutory/ local/ Govt. agencies.
- f. List of all aspects of quality assurance including validation and testing of equipment required during project implementation.
- g. List of codes , standards and specifications being followed in the design and for materials to be used in a consolidated tender form
- h. List of vendors /manufacturers for procurement of materials/equipment.
- i. Site safety plan
- j. Quality plan as per relevant ISO standards.
- k. Suggestive SOP (Standard Operating Procedures) for the functioning of system

5. EARNEST MONEY:

RFP shall be accompanied with Earnest money of Rs.2.00 Lakhs in shape of demand draft of a scheduled bank issued in favour of "HLL Infra Tech Services Limited" Payable at New Delhi/ NOIDA or fixed deposit receipt or Banker's cheque or Bank Guarantee in favour of "HLL Infra Tech Services Limited" as per Form C annexed to Section-II, ITB. The said Bank guarantee shall be irrevocable and valid for a period not less than 30 days beyond the validity of the Bid (i.e. 150 days from the last date of submission of Bids as per clause 1.2 of Notice Inviting Bid or extended date thereof).

6. VALIDITY OF THE RFP.

- a) The RFP shall be valid for a period of 120 days from last date of submission.
- b) Extension of RFP Validity, if any shall be decided by HITES/Client.
- c) Prior to the expiry of the original RFP, HITES/Client may request Bidders to extend the Bid Validity Period for a specified additional period.

7. AWARD OF CONTRACT-**7.1. Award Criteria**

- 7.1.1. The bidders, whose bid is found responsive, complete and in accordance with RFP/ Bid document and whose financial bid on evaluation is found lowest.
- 7.1.2. In case, the financial bid of one or more bidders is found equal, then all such bidders shall be asked to submit sealed revised offer in the form of letter mentioning revised fee. But the revised fee, so quoted should not be higher than quoted at the time of submission of original bid. The lowest bidder shall be decided on the basis of revised offer. In case, any such bidder refuses to submit revised offer, then it shall be treated as withdrawal of his bid, before acceptance and the earnest money shall be forfeited.
- 7.1.3. If the revised financial bid of the two or more bidders is found to be equal, the lowest bid among such bidders shall be decided by draw of lots in the presence of the bidders who have quoted equal fee.

8. HITES's / CLIENT'S RIGHT TO ACCEPT ANY TENDER AND TO REJECT ANY OR ALL TENDERS:

HITES / Client reserves the right to accept or reject any offer, and to annul the process and reject all offers, at any time prior to award of Contract without thereby incurring any liability to the affected applicants. HITES has no obligation to inform the affected applicant(s) of the grounds for rejection of RFP.

9. NOTIFICATION OF AWARD:

- a) Prior to the expiry of period of validity/extended validity of the offer as prescribed in this bid document and as subsequently extended by the bidder, HITES/Client will notify the successful applicant by e-mail and confirm in writing by registered post /speed post / courier, that his offer has been accepted. This letter (herein after called the Letter of Award) shall mention the fee based on the presumptive cost of work mentioned in the bid document (hereinafter called the contract price). The letter of award will be sent to the successful bidder. No correspondence will be entertained by HITES from the unsuccessful bidders.
- b) The Letter of Award shall constitute a part of the contract agreement.

10. PERFORMANCE SECURITY:

The successful applicant shall furnish to HITES /Client a security in the form of DD/Banker cheque/Bank Guarantee @ of 5% of the consultancy fee payable to the consultant from a Scheduled Commercial bank based in India in the Format given in Form-B, provided in Section II valid up to 12 (Twelve) Months from the Date of Award of work or the extended period, thereof. The Performance Security shall be furnished within the time limit specified.

Failure of the successful applicant to submit the required Performance Security by due date, shall constitute sufficient grounds for the annulment of the award of Contract.

11. SIGNING OF AGREEMENT

Agreement in the Performa (Form D) included in this Document, duly incorporating all the terms & conditions of agreement between HITES/Client and successful applicant shall be executed within 21 days from the date of issue of the Letter of Award. The performance guarantee should be submitted immediately after issue of letter of award but not later than 15 days of issue of letter of award. One copy of the Agreement duly signed by HITES /Client and the Consultant through their authorized signatories will be supplied by HITES/Client to the Consultant.

CHECKLIST**CHECK LIST OF DOCUMENTS TO BE SUBMITTED WITH THE BID**

TECHNICAL PACKAGE (PART-I)		
S. No	Name of Document	
1.	Form of RFP and Appendix thereof (Form A)	(Original)
2.	EMD/Bid Security Performa BG, (Form C)	(Original)
3.	BID documents, duly seal and signed.	(Original)
FINANCIAL PACKAGE (PART-II)		
1	Financial Bid in separate sealed cover (Form E)	(Original)

FORM OF RFP**FORM A**

PAGE 1 OF 2

Note: Applicant(s) are required to fill up all the blank spaces in this form of Tender.

To,

Vice President (ID)

HITES INFRA TECH SERVICES Ltd.,

B-14A, Sector - 62 Noida - 201307 (U.P)

Having examined the Terms of Reference and the terms of the DPR Consultancy attached thereto and the RFP for **“Preparation of DPR for Setting up of Tertiary level Medical Care Management Centre in the event of Chemical, Biological, Radiological and Nuclear (CBRN) Adversity with an integral Bone Marrow Transplant Centre (BMTC) at Stanley Medical College, Chennai, India”**. I/ We the undersigned offer to providing consultancy services for Preparation of DPR for Setting up of Tertiary level Medical Care Management Centre in the event of Chemical, Biological, Radiological and Nuclear (CBRN) Adversity to be located in the premises Stanley Medical College adjacent to existing trauma center, Chennai, India with an integral Bone Marrow Transplant Centre (BMTC) Consultancy Services in conformity with the Terms of Reference, fixed fee as proposed and its stage payment structure and the terms & conditions of the DPR Consultancy Contract attached thereto.

1. I/ We undertake, if our Offer is accepted, I/ We shall commence the work immediately on receipt of Letter of Award and to complete the whole of the Work comprised in the Contract within the Time Schedules mentioned therein from the date of issue of the Letter of Award.
2. If my / our Offer is accepted, I / we will furnish a Bank Guarantee for Performance as security for the due performance of the Contract @ of 5% of the contract amount as detailed in section III, terms and condition of contract clause 10.
3. I/ We agree to abide by this Offer for a minimum period of 120 days from the last date fixed for receiving the same and it shall remain binding upon us and offer may be accepted at any time before the expiry this period or any extended period mutually agreed to.
4. I/ We declare and confirm that no agent, middleman or any intermediary has been, or will be engaged to provide any services, related to the award of this Contract. I / We further confirm and declare that no agency commission or any payment, which may be construed as an agency, commission has been, or will be, paid and that the offer price does not include any such amount. I/ We acknowledge the right of HITES that if it finds our declaration to the contrary, it can declare our Offer to be non- compliant and if the Contract has been awarded to us then declare the same as null and void.
5. If my/ our Offer is accepted I/ we understand that I /we, am / are to be held solely responsible for the due performance of the Contract.

Dated this.....day of.....2017

Signature

Name..... in the capacity of

duly authorized to sign documents

for and on behalf of.....

Address

Witness Signature

Name

Address.....

Occupation

FORM - B**FORM OF PERFORMANCE GUARANTEE BANK GUARANTEE**

(On a stamp paper of appropriate value from any Nationalised Bank or Scheduled Bank)

To,

Vice President (ID)**HLL Infra Tech Services Limited****B-14-A, Sector-62, Noida -201307 For and on behalf of****Director General Health Services,****Ministry of Health & Family Welfare Govt. of India, New Delhi.**

Dear Sir,

In consideration of M/s HLL Infra Tech Services Limited, B-14-A, Sector-62, Noida - 201307, (herein after called HITES) , for and on behalf of Director General Health Services, Ministry of Health & Family Welfare Govt. of India, New Delhi having offered to accept the terms and conditions of the proposed agreement between HITES (which expressions shall include his success and assigns) and M/s _____ (hereinafter referred to as "the said Consultant (s)", which expression shall include his successor and assignees) for the work of " _____ " a Contract No _____ in terms inter alia, of the Letter No. _____ dated _____ and the General Conditions of Contract and upon the condition of the Consultant's furnishing Security for the performance of the Consultant's obligations and discharge of the Consultant's liability under and in connection with the said Contract upto a sum of Rs. _____ (Rupees _____ only) amounting to _____ percent of the total Contract value.

1. We, _____ (hereinafter called 'The Bank' which expression shall include its successors and assignees) hereby jointly and severally undertake to guarantee the payment to the Employer in rupees forthwith on demand in writing and without protest or demur or any and all moneys payable by the Consultant to the Employer in respect of or in connection with the said Contract inclusive of all the Employer's losses and damages and costs, (inclusive between attorney and client) charges and expenses and other moneys payable in respect of the above as specified in any notice of demand made by the Employer to the Bank with reference to this guarantee upto an aggregate limit of Rs. _____ (Rupees _____ only).
2. We, _____ Bank Ltd. further agree that the Employer shall be sole judge of and as to whether the said Consultant has committed any breach or breaches of any of the terms and conditions of the said Contract and the extent of loss, damage, cost, charges and expenses caused to or suffered by or that may be caused to or suffered by the Employer on account thereof and the decision of the Employer that the said Consultant has committed such breach or breaches and as to the amount or amounts of loss, damage, costs, charges and expenses caused to or suffered by the Employer from time to time shall be final and binding on us.
3. The Employer shall be at liberty without reference to the Bank and without affecting the full liability of the Bank hereunder to take any other Security in respect of the Consultant's obligations and liabilities hereunder or to vary the Contract or the work to be done there under vis-a-vis the Consultant or to grant time or indulgence to the Consultant or to reduce or to increase or otherwise vary the prices of the total Contract value or to release or to forbear from enforcement of all or any of the Security and/or any other Security(ies) now or hereafter held by The Employer and no such dealing(s) reduction(s) increase(s) or other indulgence(s) or arrangements with the Consultant

- or release or forbearance whatsoever shall absolve the bank of the full liability to the Employer hereunder or prejudice the rights of the Employer against the bank.
4. This guarantee shall not be determined or affected by the liquidation or winding up, dissolution, or change of constitution or insolvency of the Consultant but shall in all respects and for all purposes be binding and operative until payment of all monies payable to the Employer in terms thereof.
 5. The bank hereby waives all rights at any time inconsistent with the terms of this guarantee and the obligations of the Bank in terms hereof shall not be anyway affected or suspended by reason of any dispute or disputes having been raised by the Consultant stopping or preventing or purporting to stop or prevent any payment by the Bank to the Employer in terms hereof.
 6. The amount stated in any notice of demand addressed by the Employer to the Bank as liable to be paid to the Employer by the Consultant or as suffered or incurred by the Employer on account of any losses or damages or costs, charges and/or expenses shall be conclusive evidence of the amount so liable to be paid to the Employer or suffered or incurred by the Employer as the case may be and shall be payable by the Bank to The Employer in terms hereof.
 7. This guarantee shall be a continuing guarantee and shall remain valid and irrevocable for all claims of the Employer and liabilities of the Consultant arising upto and until midnight of _____.
 8. **This guarantee is valid till _____ (date to be mentioned) (valid up to 12 (Twelve) Months from the Date of Award of work or the extended period, thereof)**
 9. This guarantee shall be in addition to any other guarantee or Security whatsoever that the Employer may now or at any time anyway may have in relation to the Consultant's obligations/or liabilities under and/or in connection with the said Contract, and the Employer shall have full authority to have recourse to or enforce this Security in preference to any other guarantee or Security which the Employer may have or obtain and no forbearance on the part of the Employer in enforcing or requiring enforcement of any other Security shall have the effect of releasing the Bank from its full liability hereunder.
 10. It shall not be necessary for the Employer to proceed against the said Consultant before proceeding against the Bank and the Guarantee herein contained shall be enforceable against the Bank notwithstanding that any Security which The Employer may have obtained or obtain from the Consultant shall at the time when proceedings are taken against the said bank hereunder be outstanding or unrealised.
 11. We, the said Bank undertake not to revoke this guarantee during its currency except with the consent of the Employer in writing and agree that any change in the Constitution of the said Consultant or the said bank shall not discharge our liability hereunder.
 12. We _____ the said Bank further that we shall pay forthwith the amount stated in the notice of demand notwithstanding any dispute/difference pending between the parties before the arbitrator and/or that any dispute is being referred to arbitration.
 13. Notwithstanding anything contained herein above, our liability under this guarantee shall be restricted to Rs. _____ (Rupees _____) and this guarantee shall remain in force till _____ and unless a claim is made on us within 3 months from that date, that is before _____ all the claims under this guarantee shall be forfeited and we shall be relieved of and discharged from our liabilities there under.

In witness whereof I/We of the Bank have signed and sealed this guarantee on the _____ day of _____ 2017 being herewith duly authorized.

For and on behalf of

The.....Bank.

Signature of Authorized Bank official

Name.....:

Designation.....:

Stamp/Seal of the Bank:

Signed, sealed and delivered

for and on behalf of the

Bank by the above

Named _____ in

The presence of:

Witness 1.

Signature

Name

Address

Witness 2.

Signature

Name

Address

FORM C**FORMAT FOR EMD/ BID SECURITY BANK GUARANTEE**

(To cover payment of Bid Security and Conditions of Contract)

(On a stamp paper of appropriate value from any Nationalised Bank or Scheduled Bank)

To

Dear Sir,

In consideration of your agreeing to accept Bank Guarantee for Rs.

(Rupees) in lieu of payment from M/s having its /their registered office at (hereinafter called the Bidder) towards Bid Security in respect of your Tender no. calling for Tender for at and for due fulfilment of the terms and conditions of the said Tender, we hereby undertake and agree to indemnify and keep you indemnified to the extent of Rs (Rupees).

In the event of any loss or damages, costs, charges or expenses caused to or suffered by you by reason of any breach or non-observance on the part of the Bidder of any terms and conditions of the said Tender, we shall on demand and without cavil or argument, and without reference to the Bidder, irrevocably and unconditionally pay you in full satisfaction of your demand the amounts claimed by you, provided that our liability under this guarantee shall not at any time exceed Rs (Rupees).

This guarantee herein contained shall remain in full force and till you finalise the Tender and select the Tender as per your choice and it shall in the event of the said Bidder being selected and entrusted with the said work, continue to be enforceable till the said Bidder executes the Agreement with you and commences the work as stipulated under the terms and conditions of the said Tender have been fully and properly carried out by the said Bidder and accordingly discharges the guarantee.

We also agree that your decision as to whether the Bidder has committed any breach or non-observance of the terms and conditions of the said Tender shall be final and binding on us.

We undertake to pay the Consultant any money so demanded by the Consultant notwithstanding any dispute or disputes raised by the Consultant(s) in any suit or proceedings pending before any Court or Tribunal relating thereto, our liability under this present being absolute and equivocal.

The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the Consultant(s) shall have no claim against us for making such a payment.

This guarantee shall continue to be in full force and effect for a period of **150** days from the date of submission of Bid. Notwithstanding the above limitations, we shall honour and discharge the claims preferred by you within thirty days of expiry of this guarantee.

We shall not revoke this guarantee during its currency except with your previous consent in writing. This guarantee shall not be affected by any change in Constitution of our bank

or of the Bidder firm. Your neglect or forbearance in the enforcement of the payment of any money, the payment whereof is intended to be hereby secured or the giving of time for the payment hereto shall in no way relieve us our liability under this guarantee.

Dated this day of

Yours faithfully,

For and on behalf of

The Bank.

Signature of authorized bank official

Name:

Designation:

Stamp/Seal of the Bank:

FORM D

(Page 1 of 2)

FORM OF CONTRACT AGREEMENT

This agreement made on this _____ day of _____
 Two Thousand Eighteen between M/s HLL Infra Tech Services Limited its Corporate Office at B-14A, Sector 62, NOIDA, (U.P.) (hereinafter referred to as HITES) which expression unless excluded by or repugnant to the context shall include their successors and assignees of the part and M/s.....having their.....Registered Office at..... (Hereinafter referred to as Consultant) which expression unless excluded by or repugnant to the context, shall include their successors and assignees of the other part.

Whereas HITES on behalf of DGHS, Ministry of Health & Family Welfare (MoHFW), Government of India is desirous of undertaking "....."
 (Name of the work) in accordance with the general requirements and conditions hereinafter appearing and whereas the Consultant has agreed to perform the same.

Whereas the employer

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS

1. In this agreement words and expression shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents shall be deemed to form and be read in conjunction with this agreement and construed as part of this agreement:

Part I: Expression of Interest**Part II: Technical Bid****Section I : Notice Inviting Bid****Section II : Instructions for Applicants (Including Annexure)****Section III : Terms & Conditions of Contract****Part III: Financial Bid****Section IV : Financial Bid**

3. In consideration of the payments to be made by HITES/ MoHFW" to the Consultant as hereinafter mentioned, the Consultant hereby covenants with HITES/ MoHFW" to execute and complete the Project by..... (Stipulated date of completion).
4. HITES/ MoHFW hereby covenant to pay the Consultant in consideration of Providing Consultancy Services for ".....", Total consultancy Fees..... covering the scope of work subject to the rendering timely and satisfactory services stated in the Letter of Award subject to such additions thereto or deductions there from as may be made under the provisions of the Contract at the times and in the manner prescribed by the Contract.
5. Obligation of the Consultant The Consultant shall ensure full compliance of all the central/state Government tax laws with regard to this Contract and shall be solely responsible for the same. The Consultant shall fully indemnify HITES/MoHFW for any liability of tax, interest, and penalty etc. arising out of this Contract or in respect thereof.

IN WITNESS WHEREOF the parties hereto have caused their respective common seals to be hereunto affixed / (or have hereunto set their respective hands and seals) the day and year first above written.

For and on behalf of the Consultant

Signature of the authorized official

Name of the official

Stamp/Seal

SIGNED, SEALED AND DELIVERED

For and on behalf of HITES"

Signature of the authorized official

Name of the official

Stamp/Seal

Witnesses:-

By the said
NameBy the said
Name_____
on behalf of the Consultant in the presence of:
WitnessName Address

on behalf of HITES in the presence of:
WitnessName Address

Note: - Any clarifications, amendments issued before the last date of submission of the bids, letters of negotiations with successful bidder and the LOA, etc. deemed to form and be read in conjunction with this agreement and construed as part of this agreement

SECTION-III

TERMS AND CONDITIONS OF CONTRACT

1. PURPOSE OF ASSIGNMENT:

M/s HLL Infra Tech Services Ltd. (HITES) for & on behalf of Directorate General of Health Services (DGHS), Ministry of Health & Family Welfare, Govt. of INDIA, intends to select consultants for providing Consultancy services for Preparation of Detailed Project Report for Setting Up of Tertiary level Medical Care Management Centre in the Event of Chemical, Biological, Radiological and Nuclear (CBRN) Adversity with an Integral Bone Marrow Transplant Centre (BMTC) at Stanley Medical College, Chennai, India.

2. SCOPE OF WORK

2.1 SCOPE OF WORK

The scope of work of the consultant under this contract shall include Complete and detailed design of CBRN MMC with BMTC as detailed below:

a. Preparation & Finalization of Detailed Project Report (DPR)

- i. Carry out Topographical survey and Soil investigation.
- ii. Design development including preparation of architectural brief, design concept, concept for services etc. and its concurrence / approval of Client/ HITES.
- iii. Detailed design engineering including architectural design, structural design & drawings, Sanitary, Water supply and sewage (including provision of runoff water storage from decontamination stations), plumbing, waste management, Signage's and landscaping etc. and its concurrence / approval of Client/ HITES.
- iv. Detailed design of services i.e. Electrical Systems including power distribution and complete internal and external lighting, fire detection and alarm systems, firefighting system including fire protection, intercom system, acoustic and public address system, closed circuit television, Wi-Fi system, internet, video conferencing system(for audio and visual), channel music and other electrical/electrical control and display systems including metering facilities, generators, UPS stabilized power conditioners, Air-conditioning and Air Handling Systems, along with suitable HEPA and CBRN filters and accessories for catering to the requirements of the new facilities.,
- v. Submission of the complete set of drawings and other related documents, both in hard and soft copy in Auto CAD etc.
- vi. Provide list of the Furniture, Equipment's etc. including specifications and Manpower requirement
- vii. Detailed Project Cost based on CPWD Norms for DSR Items and Market rates for Non DSR items. Consultant shall prepare Bill of quantities and specification of works for building services and utilities by following latest provisions of CPWD Works Manual, CPWD schedule of rates, CPWD Specifications and updated with circulars/correction slips.
- viii. The completion schedule of the project indicating timelines of activities should be provided in PERT/Bar Chart along with critical milestones.
- ix. Identifying various statutory approvals/ permissions/ permits etc. that are required from various statutory/ local/ Govt. agencies.
- x. Provide list of all aspects of quality assurance including validation and testing of equipment required during project implementation.
- xi. Consultant shall ensure that all drawings / designs are prepared in accordance with the relevant bye laws of local authority, Indian Electricity rules and Indian Standard specification as amended upto the date and as per sound engineering practice and shall be responsible to ensure the structural stability and efficiency / adequacy of various other services and utilities as per design.
- xii. Suggestive SOP (Standard Operating Procedures) for the functioning of system

- xiii. Any other or all services not specifically mentioned herein but required for the proper and successful completion of the project in accordance with international standards or Bureau of Indian Standards (BIS) including National Building Code.

3. REQUIREMENTS OF CBRN MMC & BMTC:

3.1 CBRN detection, protection and decontamination

The project will be suitably designed to accommodate the installation and use all the systems and subsystems required to carry out CBRN Tertiary level Medical management procedures, to include screening & decontamination, treatment and follow up care as detailed below but not limited to the following:

- 3.1.1. The facility will cater for 450 personnel, which will include 200 patients and 250 health care workers.
- 3.1.2. Provision of triage for patients / individual arriving at the hospital.
- 3.1.3. Creation and operation of all the Decon modules as finally designed with capacity to decontaminate 100-120 persons per Hour.
- 3.1.4. Separate facility for managing contaminated patients who require immediate lifesaving interventions.
- 3.1.5. Creation and operation of all the pre and post Decon systems.
- 3.1.6. Stringent measures will be incorporated in the protection system, to ensure that contamination brought in by the patient does not contaminate the environment / escape into atmosphere.
- 3.1.7. The CBRN protection coverage will completely encompass the entire facilities, in addition to the pretreatment center, the decontamination modules and the clearing areas and the notified "Hot" areas.
- 3.1.8. The proposed protection facility will function effectively both when the ambience is clean or contaminated by creating positive, normal or negative pressure as required and regulating the air flow through requisite filters to avoid cross contamination.
- 3.1.9. Air conditioning plant and air handling systems along with suitable HEPA and CBRN filters. The CBRN protection and ventilation systems will be designed and integrated with HVAC system to be installed, in the whole complex. The CBRN systems will be capable of being bypassed in the normal uncontaminated conditions.
- 3.1.10. The purified air supply will cater for up to 30 air changes in the OTs and up to 12 air changes per hour for the rest of the complex.
- 3.1.11. Provisioning and positioning of CBRN Individual Protection Equipment (IPE) and CBRN Detectors in adequate numbers to meet the requirements of both the staff as well as the patients.
- 3.1.12. The entire CBRN Protection system shall be so designed as to automatically start up and operate on receiving contamination warning from installed sensors. This will also be provided with a manual over-ride for starting and stopping functions.
- 3.1.13. Development of a CBRN ambulance with capacity to carry sitting / lying patients fitted with CBRN Ventilation systems, generator sets, A/Cs and CBRN first aid and other equipment and to be manned by a trained crew.
- 3.1.14. A vehicle decontamination station (VDS) with a capacity to decontaminate 4 to 6 vehicles per hour will also be catered for and constructed for decontamination of patient carriers / ambulances.

3.2 CBRN MMC AND BMTC BLOCK: Essential spaces facilities and design requirements

- 3.2.1. This will be a 50 bedded facility at the CBRN MMC and the BMTC will hold 4 beds: the 50 beds would be in dispensation of: (i) 10 beds each in the 2 general wards, (ii) 16 ICU beds (including 4 VIP beds) (iii) 5 beds each in the pre-operative and post-operative rooms, (iv) 4 beds in BMTC
- 3.2.2. There should also be a provision of a reception area, triage area, decontamination stations with (i) undressing area, (ii) checking and clearing area, (iii) Emergency

treatment area (4 bedded, for contaminated patients), (iv) Pretreatment area, (v) waiting area, and (vi) decontamination modules (with hot, cold and chemical shower)

3.2.3. In addition there should be provision of staging rooms, 2 modular OT's (with purified air supply for up to 30 air changes), nursing station, treatment rooms (4 Nos.), preparation room, theater sterile supply, laboratories (one each for chemical, biological and radiological sample analysis) and procedure rooms, doctor's duty rooms (2, with attached toilets), VIP treatment facility (separate with triage and decontamination area, treatment room, undressing room, checking, clearing area and new dress area and 4 bedded (ICU), analogous treatment rooms, toilets (for general patients), lifts and staircases etc.

3.2.4. Creation and maintenance of differential pressure in the various modules: This involves system design for each section including Bio treatment center and other sections where negative pressure is to be maintained when required. Suitable numbers of specially design CBRN ventilation system (VS) will be custom created to match each section. These should also be suitably installed with PRVs.

3.2.5. The CBRN MMC would be co-terminus / linked with emergency department. During peace time, the facility could be used to accommodate normal trauma / emergency victims.

3.3 Operations control station (OCS)

3.3.1. A designated single authority would monitor the entire gamut of events taking place and exercise real time control, based on the inputs available, from a central location, suitably assisted by a nucleus staff and a single panel input/ output system which is configured specially for this purpose. A communication center co-located with the OCS, should be situated in the vicinity of the CBRN hospital complex to ensure that all the required inputs, from people onsite, deployed sensors, information received through debriefing of the public as well as the patients, security organization and the like is available. Hard data pertaining to levels of contamination and their types, area affected etc, will have to be made available to the OCS through these means.

3.3.2. Some of the inputs such as the presence/ ambience of contamination received from dedicated sensing instruments will be processed so as to automatically trigger operation such as closing of doors and openings, starting of ventilation system (VS), rerouting of air supply from AHUs and HVACs through the several VS deployed at the different points in the complex, starting of air curtains, sounding of alarms where/ when contamination has occurred and so on. The OCS also will provide real time outputs pertaining to De-contamination operation and the progress thereof.

3.4 Additional requirements:

3.4.1. Calculation and provision of total water requirement and consequent waste water disposal planning including neutralization of contamination, masking and disposal.

3.4.2. Sewage and waste disposal including drains and provisions for retention tanks for catering to the specific treatment and disposal requirements of chemical and radioactive waste. This apart, all aspects of biomedical waste (management & handling) rules 2016 with subsequent amendments, if any, issued by the ministry of environment and forest, government of India should be addressed in the provision for waste management.

3.4.3. The construction would address the disaster mitigation requirements structural and non- structural, applicable for various seismic zones and for other disasters such as flood, cyclone etc.

3.4.4. Standby power generating equipment capable of handling the entire power requirement of the facility.

3.4.5. Centralized gas manifold system

3.4.6. Following additional issues will also have to be addressed adequately:-

- 3.4.6.1. Separate facilities for Men and women
- 3.4.6.2. Stretcher cases to be handled and routed separately
- 3.4.6.3. Provision for VIPs to be received and attended to separately
- 3.4.6.4. Installation of alarm system at suitable points
- 3.4.6.5. Provisioning and positioning of CBRN individual protection equipment (IPE) in adequate numbers to meet the requirements of both the staff as well as patients.

4. PAYMENT OF REMUNERATION:

HITES shall pay for the assigned scope of work as at Clause 2 above, to the Consultant based on the phases of work awarded to the Consultant and shall be as in the following manner.

4.1 Fee payable to Consultant for preparation and finalization of DPR

The consultancy fee shall be for the assigned works subject to the Consultant rendering timely and satisfactory services. The consultancy fee shall be fixed fees inclusive of all the direct and indirect taxes including GST & any other fee/ expenditure incurred for this work. The intermediate payments shall however be made on the basis of tentative cost of the facility i.e. Indian Rupees (INR) 70 Crores and subsequently adjusted as mentioned above (i.e. approved DPR Cost or tentative cost i.e. Rupees (INR) 70 Crores, whichever is low). The payments made to the consultant shall be subject to deductions as per Indian Tax Laws. The above fees shall be deemed to be inclusive of fees payable by the Consultant to his any other sub-consultant and associates, needed to accomplish the job and nothing extra, whatsoever, shall be payable.

Unless otherwise explicitly stated in the Contract, the payment shall be as per accepted schedule of payment mentioned in Agreement.

The above fee excludes fee for proof checking of structural designs and drawings from the institute as approved by HITES and any other statutory charges incurred by the Consultant on behalf of HITES/Client for obtaining approvals etc. The fee for proof checking of structural designs shall be reimbursed by the Client over and above the Consultancy Fees. No reimbursement(s) shall be made by the HITES/Client until the Consultant has submitted a written claim for the same and has attached sufficient documentary evidence.

Unless otherwise explicitly stated in the Contract, the payment shall be as per accepted schedule of payment mentioned in Agreement. The payment shall be subject to deductions as per Indian income tax laws and other relevant laws.

5. PAYMENTS TERMS:**Preparation and finalization of DPR**

Sl. No.	Description of Activity	% Payment	Cumulative percentage payment
1.	Submission of Architectural brief and concept design, conceptual architectural plans for buildings & services including final Topographical Survey and soil investigation Report and its approval by the competent authority	15%	15%
2.	Submission of list of the CBRN Related Furniture, Equipment's (including specification & cost) & Manpower requirement and its approval by the competent authority	15%	30%

3.	Submission of final Detailed design & drawings for building & services & its approval by competent authority.	15%	45%
4.	Submission of Detailed Project Cost based on CPWD Norms for DSR Items and Market rates for Non DSR items including Bill of quantities and specification of works for building services, utilities.	15%	60%
5.	Preparation & Submission of draft DPR and presentation for approval of the competent authority as per RFP	15%	75%
6.	Submission of final DPR with required documents as per RFP	25%	100%

6. **TIME SCHEDULE AND MILESTONES:**

6.1 Time Schedule:

The timelines for the project are as follows:

- Preparation of DPR- 4 Months from the date of commencement of work.

Milestones: The consultant shall deliver the following to the HITES:

Sl. No.	Deliverable	Time from the date of Start of Work
Preparation and finalization of DPR		
1	Topographical Survey and Soil Investigation, Submission of Architectural brief and Concept designs and Drawings for the Proposed Buildings with elevations and sections and making presentations for obtaining HITESs comments/suggestion & developing final concept drawings for obtaining approval thereof.	6 Weeks
3	Submission of final approved drawings, details and design brief.	9 weeks
4	Submission of list of Furniture, Equipment, Manpower requirement and complete project cost estimates	11 weeks
5	Submission of draft Detailed Project Report, making presentation for obtaining HITESs comments/suggestion & for preparation of final Detailed Project Report developing final concept drawings for obtaining approval thereof.	14 weeks
6	Submission of final DPR with required documents as per RFP	16 weeks

7. **EXTENSION OF TIME:**

- A. The time allowed for performance of the Works as specified in the contract or the extended time in accordance with these conditions shall be the essence of the Contract. The performance of the works shall commence from such time period as mentioned in contract. The consultant shall be provided on demand necessary required documents/ information and certificates/undertakings by the HITES. If the Consultant commits default in commencing the performance of the work as aforesaid, HITES shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the performance guarantee absolutely.

- B. Request for rescheduling of Mile stones and extension of time, to be eligible for consideration shall be made by the Consultant in writing within fourteen days of the happening of the event causing delay on the prescribed form to the authority as indicated in the contract. The Consultant may also, if practicable, indicate in such a request the period for which extension is desired.

The HITES after satisfying himself about the reasonableness of grounds, may grant extension of time as in his opinion be justified and communicate the same in writing. The decision of VP (ID), HITES shall be final and binding in this regard. Whenever such extension of time is granted, it would be without prejudice to the rights of HITES to recover the liquidated damages from the consultant. Any extension of time granted as stated above shall neither entitle the Consultant to any claim for increase in their fees nor shall it release him from any of the obligations under the said agreement.

- C. If the work(s) be delayed by:

- a. force majeure, or
- b. serious loss or damage by fire, or
- c. civil commotion, local commotion of workmen, strike or lockout, affecting any of the trades employed on the work, or
- d. Any delay in supplying the requisite documents and delay due to any cause beyond the control of the Consultant, or
- e. Any other cause which, in the absolute discretion of the HITES is beyond the Consultants' control. Then upon the happening of any such event causing delay, the Consultant shall immediately give notice thereof in writing to the authority as indicated in the contract but shall nevertheless use constantly his best endeavors to prevent or make good the delay and shall do all that may be reasonably required to the satisfaction of the HITES to proceed with the works.

8. **FORCE MAJEURE:**

- A. War, invasion, revolution, riots, sabotage, lockouts, strikes, work shut-down imposed by Government Acts or legislature or other authorities, stoppage in supply of materials, fuel or electricity, breakdowns of machinery, act of God, epidemics, fires, earthquakes, floods, explosions, accidents, sea navigation blockades or any other acts or events whatsoever which are beyond reasonable control and which shall directly or indirectly prevent completion of the project within the time specified in the agreement, will be considered Force Majeure. The Consultants shall be granted necessary extension of time to cover the delay as caused by Force Majeure without any financial repercussions.
- B. Should one or both parties be prevented from fulfillment of the contractual obligations by a state of force majeure, the two parties shall consult each other and decide regarding the future execution of the contract.

9. **LIQUIDATED DAMAGES FOR DELAYS:**

If the consultant fails to maintain the required progress in terms of contract or to complete the work on or before the contract or extended date of completion, he shall, without prejudice to any other right or remedy available under the law to the HITES on account of such breach, pay as agreed compensation the amount calculated at the rates stipulated below as the authority specified (whose decision in writing shall be final and binding) may decide on the amount of contract value of the work for every completed day/month (as applicable) that the progress remains below that specified in the Contract or that the work remains incomplete.

This will also apply to items or group of items for which a separate period of completion has been specified.

(i) Compensation for delay of work @ 1.5 % of the consultancy fee per Month of delay to be computed on per day basis

Provided always that the total amount of compensation for delay to be paid under this Condition shall not exceed 10% of the gross consultancy Fee or of the corresponding consultancy Fee of the item or group of items of work for which a separate period of completion is originally given.

The amount of compensation may be adjusted or set-off against any sum payable to the consultant under this or any other contract with the HITES.

10. PERFORMANCE GUARANTEE:

The Consultant will be required to furnish Bank Guarantee from nationalized / scheduled bank by way of Performance Guarantee in the prescribed Performa (Please refer FORM B), for due fulfillment of the Contract and shall be submitted within 15 days from the date of award of work and before signing of the Contract/Agreement.

The Performance Guarantee for preparation of Detailed Project Report (DPR) shall be initially valid up to 12 (Twelve) Months from the Date of Award of work. In case the time for completion of work gets enlarged, the Performance Guarantee shall be extended for the enlarged period.

- A. The Consultant will be required to furnish Performance Guarantee of 5% (Five Percent) of the total consultancy fee payable to the consultant within the period specified in RFP. This guarantee shall be in the form of cash (in case guarantee amount Bankers cheque of any scheduled bank/Demand Draft of any scheduled bank/Pay order of any scheduled bank or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form. After recording of the completion certificate for the work by the competent authority, the performance guarantee shall be returned to the consultant, without any interest.
- B. The HITES shall not make a claim under the performance guarantee except for amounts to which the HITES is entitled under the contract (not withstanding and/or without prejudice to any other provisions in the contract agreement) in the event of:
 - a. Failure by the consultant to extend the validity of the Performance Guarantee as described herein above, in which event the HITES may claim the full amount of the Performance Guarantee.
 - b. Failure by the consultant to pay HITES any amount due, either as agreed by the consultant or determined under any of the Clauses/Conditions of the agreement, within 30 days of the service of notice to this effect by HITES.
- C. In the event of the contract being determined or rescinded under provision of any of the Clause/Condition of the agreement, the performance guarantee shall stand forfeited in full and shall be absolutely at the disposal of the HITES.

11. FORFEITURE OF PERFORMANCE GUARANTEE:

In case the consultant fails to complete the work, HITES, without prejudice to rights and remedies available under the contract, shall forfeit and encash the Performance Guarantee Amount and credit it to HITES.

In case the bank goes in liquidation or for any reason is unable to make payment against the said Bank Guarantee the loss caused thereby shall be borne by the consultant. The consultant forthwith, on demand from HITES, shall make good the deficit.

12. SECURITY DEPOSIT:

The consultant whose tender(s) may be accepted (hereinafter called the Consultant) shall permit the HITES at the time of making any payment to him for work done under the contract to deduct a sum at the rate of 5% of the gross amount of each running bill will amount to Security Deposit of 5% of the contract value of the work. Such deductions will be made and held by the HITES by way of Security Deposit unless he/they has/have deposited the amount of Security at the rate mentioned above. The consultant shall forthwith on demand furnish additional security to the HITES to make good the deficit.

All compensations or the other sums of money payable by the consultant under the terms of this contract may be deducted from, or paid by the sale of a sufficient part of his security deposit or from the interest arising there from, or from any sums which may be due to or may become due to the consultant by the HITES on any account whatsoever and in the event of his Security Deposit being reduced by reason of any such deductions or sale as aforesaid, the consultant shall within 15 days make good in cash tendered by the State Bank

of India or by Scheduled Banks (if deposited for more than 12 months) endorsed in favour of the HITES, any sum or sums which may have been deducted from, or raised by sale of his security deposit or any part thereof. The security deposit shall be collected from the running bills of the consultant at the rates mentioned above.

The security deposit as deducted above can be released against bank guarantee issued by a scheduled bank, on its accumulations to a minimum of Rs. 5 lac subject to the condition that amount of such bank guarantee, except last one, shall not be less than Rs. 5 lac. Provided, further, that the validity of bank guarantee shall be upto the completion of the project & final settlement of the accounts.

13. WHEN CONTRACT CAN BE DETERMINED:

Subject to other provisions contained in this clause, the DGHS, MoHFW/HITES may, without prejudice to his any other rights or remedy against the consultant in respect of any delay, poor performance, any claims for damages and/or any other provisions of this contract or otherwise, and whether the date of completion has or has not elapsed, by notice in writing absolutely determine the contract in any of the following cases:

- i. If the consultant having been given by the DGHS, MoHFW/HITES a notice in writing for the unsatisfactory performance or that the work is being performed in an inefficient or otherwise improper or un-workman like manner shall omit to comply with the requirement of such notice for a period of seven days thereafter.
- ii. If the consultant has, without reasonable cause, suspended the progress of the work or has failed to proceed with the work with due diligence so that in the opinion of the DGHS, MoHFW/HITES (which shall be final and binding) he will be unable to secure completion of the work by the date for completion and continues to do so after a notice in writing of seven days from the DGHS, MoHFW/HITES.
- iii. If the consultant fails to complete the work within the stipulated date or items of work with individual date of completion, if any stipulated, on or before such date(s) of completion and does not complete them within the period specified in a notice given in writing in that behalf by the DGHS, MoHFW/HITES.
- iv. If the consultant persistently neglects to carry out his obligations under the contract and/or commits default in complying with any of the terms and conditions of the contract and does not remedy it or take effective steps to remedy it within 7 days after a notice in writing is given to him in that behalf by the DGHS, MoHFW/HITES.
- v. If the consultant shall offer or give or agree to give to any person in Government service or to any other person on his behalf any gift or consideration of any kind as an inducement or reward for doing or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of this or any other contract for DGHS, MoHFW/HITES.
- vi. If the consultant shall enter into a contract with DGHS, MoHFW/HITES in connection with which commission has been paid or agreed to be paid by him or to his knowledge, unless the particulars of any such commission and the terms of payment thereof have been previously disclosed in writing to the DGHS, MoHFW/HITES.
- vii. If the consultant shall obtain a contract with DGHS, MoHFW/HITES as a result of wrong tendering or other non-bonafide methods of competitive tendering or commits breach of integrity pact.
- viii. If the consultant being an individual, or if a firm, any partner thereof shall at any time be adjudged insolvent or have a receiving order or order for administration of his estate made against him or shall take any proceedings for liquidation or composition (other than a voluntary liquidation for the purpose of amalgamation or reconstruction) under any Insolvency Act for the time being in force or make any conveyance or assignment of his effects or composition or arrangement for the benefit of his creditors or purport so to do, or if any application be made under any Insolvency Act for the time being in force for the sequestration of his estate or if a trust deed be executed by him for benefit of his creditors.
- ix. If the consultant being a company shall pass a resolution or the court shall make an order that the company shall be wound up or if a receiver or a manager on behalf of a creditor

shall be appointed or if circumstances shall arise which entitle the court or the creditor to appoint a receiver or a manager or which entitle the court to make a winding up order.

- x. If the consultant assigns, transfers, sublets or otherwise parts with the entire works or any portion thereof without the prior written approval of the DGHS, MoHFW/HITES.

When the consultant has made himself liable for action under any of the cases aforesaid, the HITES on behalf of the MoHFW shall have powers:

- a) To determine the contract as aforesaid (of which termination notice in writing to the consultant under the hand of the DGHS, MoHFW/HITES shall be conclusive evidence). Upon such determination, the Earnest Money Deposit, Security Deposit already recovered and Performance Guarantee under the contract shall be liable to be forfeited and shall be absolutely at the disposal of the DGHS, MoHFW/HITES
- b) After giving notice to the consultant to measure up the work of the consultant and to take such whole, or the balance or part thereof, as shall be un-executed out of his hands and to give it to another consultant to complete the work. The consultant, whose contract is determined as above, shall not be allowed to participate in the tendering process for the balance work.

In the event of above courses being adopted by the DGHS, MoHFW/HITES, the consultant shall have no claim to compensation for any loss sustained by him by reasons of his having entered into any engagements or made any advances on account of the performance of the contract. And in case action is taken under any of the provision aforesaid, the consultant shall not be entitled to recover or be paid any sum for any work thereof or actually performed under this contract unless and until the DGHS, MoHFW/HITES has certified in writing the performance of such work and the value payable in respect thereof and he shall only be entitled to be paid the value so certified.

14. SUB-CONTRACTING & SUB-CONSULTANT:

- A. The Consultant shall not subcontract whole of the work. The Consultant shall not subcontract any part of the work without notifying and obtaining prior approval from the HITES.
- B. The Consultant shall indicate the name of sub- consultants for various services like structural designs and labs designs with their organization details, qualification and experience of the main personals and shall obtain prior approval of the HITES before their engagement for the consultancy. Such Sub consultant approved by HITES shall be associated from the preliminary drawing stage to the final design work. However, the consultant shall be fully responsible for the correctness and accuracy of the designs prepared by sub-consultants and shall indemnify the HITES for damage or loss caused due to any negligence of sub-consultant(s). The copy of the agreement between sub-consultant and the consultant shall be submitted to the HITES and in case the fees agreed between consultant and sub consultant are not paid to the sub-consultant in time as per agreement between them, the HITES shall have a right to recover the disputed amount payable to the sub-consultant from the consultant's bills and shall keep the disputed amount in deposit till such time the dispute is resolved.

15. OWNERSHIP OF THE DESIGNS AND DRAWINGS:

All copyright and other proprietary rights in the Works shall vest and stand assigned to HITES and HITES shall consequently own, absolutely and exclusively on a worldwide basis, the whole of property, rights, title and interest including all copyright in the Works, present or future, vested or contingent, generally and without limitation, for the whole term of the copyright, including the right to modify and/or make any alterations to the Works and all the above rights shall not lapse even if such rights are not exercised by HITES during the terms of the copyright and the Consultant shall be required/ obliged to execute any deeds/documents, as may be required or considered necessary, by HITES to give effect to and secure the abovementioned rights of HITES in the Works. For the purpose of this

clause, the term "Works" shall include all "works" covered by the copyright 1957 including the design, documents prepared by the Consultant at the inception of, during the course of and until the completion of the Project and also includes any work created directly or indirectly in the performance of the obligations of the Consultant in connection with the Project.

The Consultant shall not use or allow anyone to use these drawings, designs, documents and software without the prior written permission of the HITES and any such act without the permission of the HITES shall constitute violation of Intellectual Property Rights.

All these drawings shall become the property of the HITES and he shall have the right to use the same anywhere else. In that event, the HITES shall pay a royalty to the Consultant on mutually acceptable basis. Such drawings and designs shall not be issued to any other person firm or authority or used by the Consultant for any other project. No copies of any drawings or documents shall be issued to anyone except the HITES and/or his authorized representatives.

16. PROOF CHECKING OF STRUCTURAL DESIGNS:

The Consultant shall get the design proof checked through any IIT/NIT or any agency nominated by the HITES. The Consultant shall carry out any correction/ modifications as suggested by the said agency. The suggestions of the proof checking agency shall be binding on the Consultant.

17. ADDITIONS & ALTERATIONS:

- A. The HITES shall have the right to request in writing for changes, additions, modifications or deletions in the design and drawings or any part of the work and to request in writing additional work in connection therewith and the consultant shall comply with such request.
- B. In the event of changes, alterations are due to Consultant's own commission and/or discrepancies including changes required for meeting the requirements of bye laws & BIS codes and specifications for design of buildings and their services and due changes required by consultants of all internal, external utilities and services, the Consultant shall not be compensated for such changes / alterations etc. The decision of the HITES shall be final on whether the deviations and additions are substantial as requiring any compensation to be paid to the Consultant. However, for the minor modification or alteration which does not affect the entire design/planning etc., no amount will be payable.
- C. If it is found after call of tenders that the acceptable tender is not within the amount sanctioned, the Consultant may be required, if so desired by the HITES, to make suitable alternative specifications for certain items of work to bring down the costs so that expenditure do not exceed the Preliminary Estimate by more than 5%. The consultant shall not be paid anything extra for such modification. If the HITES is convinced that the trend of market rates is such that work cannot be done within the amount of approved estimate, the Consultant shall submit a revised estimate expeditiously for obtaining revised approval.
- D. The consultant shall not make any deviations, alterations, additions, to or omissions from the work shown/described and awarded to the Consultant except through and with proper approval of the HITES in writing.

18. ABANDONMENT OF WORK:

- A. That if the consultant abandons the work for any reason whatsoever or becomes incapacitated from acting as Consultant as aforesaid, the HITES shall forfeit/ encash the Performance Guarantee and the decision of CEO, HITES shall be final and binding. The HITES shall be at liberty to make full use of all or any of the drawings prepared by the Consultant. The Consultant shall also be liable to refund all the fees paid to him up to date plus such damages as may be assessed by the HITES (Decision of CEO, HITES shall be final and binding) subject to a maximum of 10% of the total fee payable to the consultant under this agreement including the recovery of liquidated damages under relevant clause herein above.
- B. Provided, however, that in the event of the termination of the agreement under proper notice as provided in the contract agreement, the Consultant shall be liable to refund any

excess payment made to him over and above which is due to him in accordance with the terms of this agreement, for the service rendered by him till the date of termination of contract agreement.

19. PROFESSIONAL LIABILITIES / INDEMNITY INSURANCE:

The consultant is required to indemnify HITES against losses and damages incurred by the HITES through the acts of the consultant and shall take out and maintain a Professional Indemnity Insurance Policy, for a sum of equivalent to 25% the total consultancy fee payable to the consultant based on estimated cost of the work, as per estimated cost, with a Nationalized Insurance Company or any other recognized Insurance Company by paying a requisite premium. The Professional Indemnity Insurance Policy shall be effective from the date of start of work.

20. GUARANTEE:

- a. Consultant shall guarantee that the Services as specified/described under the scope of work in this Agreement, and technical documents to be developed by Consultant shall be in accordance with sound and established engineering practices, using Indian Codes and Regulations and wherever applicable, International Standards, for the purpose(s) specified, free from defects and suitable for respective uses intended.
- b. The Consultant shall be liable to HITES for the performance of services in accordance with the provision of this Agreement and for loss suffered by HITES as a result of default of the Consultant in such performance.
- c. The consultant shall agree to redesign at his cost any portion of his engineering and design work, which due to his failure to use a reasonable degree of skill shall be found defective within two years from the date of start of regular use of the portion of the work affected. The HITES shall grant right of access to the consultant, of this portion of the work claimed to be defective for inspection.
- d. The HITES may make good the loss by recovery from the dues of the consultant in case of failure to comply with the above clause.

21. GENERAL:

- a. The Consultant shall be fully responsible for the technical soundness of the work including those of specialists engaged if any, by him and also ensure that the work is carried out generally in accordance with drawings, specifications and his conception. Any deviations, if noticed by the consultant, should be brought to the notice of the Project-in-Charge immediately.
- b. The HITES will have the work of Consultant and/or his sub-consultants supervised/inspected at any time by any officer, check estimates and designs.
- c. The Consultant shall be responsible for designs of structures and all provisions/ services of the work entrusted to him so as to satisfy the BIS & other Design standards/ requirements.
- d. The Consultant hereby agrees that the fee to be paid as provided herein, in the contract agreement, will be in full discharge of functions to be performed by him and no claim whatsoever shall be made against the HITES in respect of any proprietary rights or copy right on the part of any other party relating to plans, models and drawings. The consultants shall indemnify and keep indemnified the HITES against any such claims and against all costs and expenses paid by the HITES in defending himself against such claims.
- e. The consultant hereby agrees that the HITES shall have the right to take out any of the activities, which in the opinion of the HITES is not being performed by the consultant with due diligence, and within the agreed time schedule, and which can be performed independently. The fees or the expenses incurred shall be debited to the consultant.
- f. **Maintenance of Record:** The consultant is required to maintain all records related to the project for a minimum period of 4 years after the issuance of Certificate of Virtual Completion.
- g. **Assurance:** The Consultant shall agrees to comply with all laws, codes and regulations applicable for the projects performed, and expenses attributable to such compliance, to pay all fees, licenses, permits, deposits and taxes, including sales and use taxes, and also to pay

all taxes imposed by any local or state or federal law due to any applicable tax laws, labour laws, employment insurance acts. Workers compensation Acts, pension, or similar statutory requirements insofar as applicable to the performance of this Agreement, and to hold HITES harmless from any and all loss or damage occasioned by the failure of the Consultant to comply with the terms.

- h. **Modification/Amendment:** Any modification or amendment to this Agreement shall be valid only if executed the same in writing.
- i. **Assignment:** This agreement shall not be assigned or transferred or subcontracted to any third party and any right under this agreement shall not be parted-with, without previous consent.
- j. **Severability:** If any provisions of this agreement invalid or void under any of the existing provisions of Indian law, then such provisions will not affect other provisions of this agreement.
- k. **Confidentiality:** Consultant shall treat any information received from HITES in connection with the implementation of this agreement, as confidential and shall not pass on such information to any Third party without the prior consent of HITES.
- l. **Indemnification:**
 - 1. Consultant shall at all times indemnify and keep indemnified the other party against all claims / damages etc. for any infringement of any Intellectual Property Rights (IPR) while providing its services under the project.
 - 2. Consultant shall at all times indemnify and keep indemnified the HITES against any claims in respect of any damages or compensation payable in consequences of any accident or injury sustained or suffered by consultant employees or agents or by any other third party resulting from or by any action, omission or operation conducted by the consultant.
 - 3. Consultant shall at all times indemnify and keep indemnified HITES against any and all claims by Employees, Workman, agent(s), employed/ engaged in respect of wages, salaries, remuneration, compensation or the like.

22. **ARBITRATION:**

All disputes or differences whatsoever arising between the parties to this contract shall be settled by arbitration. Claims / counter claims to be arbitrated upon shall be referred to a Sole Arbitrator, to be appointed by the CEO, HITES Ltd. The award made in pursuance thereof shall be binding on both the parties. Such arbitration shall be conducted in accordance with the provisions of the Arbitration and Conciliation Amendment Act, 2015 (3 of 2016) or any statutory modifications or re-enactment thereof and the rules made there under and for the time being in force shall apply to the arbitration proceeding under this clause.

It is also a term of this contract that the arbitrator shall adjudicate on only such disputes as are referred to him by the appointing authority and give separate award against each dispute and claim referred to him and in all cases where the total amount of the claims by any party exceeds Rs. 1,00,000/-, the arbitrator shall give reasons for the award.

It is also a term of the contract that if any fees are payable to the arbitrator, these shall be paid equally by both the parties.

The Arbitrations shall be governed by Indian laws. The seat of Arbitration shall be Delhi/Noida.

FORM-E**FORMAT FOR FINANCIAL OFFER**
(On the letter head of the Company)

Date:.....

To,
Vice President (ID),
HITES LTD.
B-14 – A, Sector – 62
Noida – 201307 (U.P)

Sub: Offer for “Preparation of DPR for Setting up of Tertiary Level Medical Care Management Centre in the event of Chemical, Biological, Radiological and Nuclear (CBRN) Adversity with an integral Bone Marrow Transplant Centre (BMTC) at Stanley Medical College, Chennai, India”

Dear Sir:

We, the undersigned, offer to “Appointment of DPR Consultant for Preparation of Detailed Project Report (DPR) for Setting up of Tertiary Level Medical Care Management Centre in the event of Chemical, Biological, Radiological and Nuclear (CBRN) Adversity with an integral Bone Marrow Transplant Centre (BMTC) at Stanley Medical College, Chennai, India” in accordance with your Request for Proposal. Our Financial Bid is as below -

Base Price In figure (INR)	
Goods & Service Tax (GST) Rate (%)	
GST Amount (INR)	
Total price inclusive of GST In figure (INR)	
Total price inclusive of GST In words (INR)	

Our Financial Bid shall be binding on us, subject to the modifications resulting from any Contract negotiations. This fee shall be inclusive of all the direct and indirect taxes including GST & any other fee/ expenditure incurred by us for this work.

We understand that you are not bound to accept any Bid you receive.

Signature
 (Authorized Signatory)
 Full Name
 Designation
 Address

(Should be given in a sealed envelope).

ANNEXURE - I**SALIENT FEATURES OF CONSULTANCY WORK****A. PRELIMINARY DRAWINGS:**

- a) The site plan and remaining drawings like floors and terrace plans, elevations and sections etc. shall be prepared in the required scale.
- b) All Required sections shall be prepared.
- c) Brief specifications to be followed for preparing preliminary estimates shall be finalized in consultation with the HITES.

B. WORKING DRAWINGS:

- a) All floors plans, Terrace plans, elevations and wall sections shall be in required Scale.
- b) Plans and sections of toilets, kitchens, pantry, fixtures like counters, flooring, tiles etc. shall be in required Scale.
- c) Full / half scale for details of doors, windows, grills etc. including their fixing arrangements.
- d) Large scale details of special areas like floor tile patterns, features, reflected ceiling plans shall also be supplied if needed.
- e) Plans, elevations, sections and other details of fixed furniture required Scale.
- f) Internal elevations (if required) shall be supplied.
- g) Landscape plans and details including parking, planters, roads, horticulture, site drainage, river training works, sewerage and lighting details and Layout of other underground services are to be provided on approved scale.
- h) Internal and external services drawings like sewerage, water supply and storm water drainage scheme as per Municipal Corporation norms / existing bye-laws of the area are to be provided on approved scale. Typical fixture arrangement details shall be on the required Scale.
- i) In general, Scales of drawings shall confirm to BIS standards IS 10713 (Equivalent Standard ISO 5455 – 1979). The objective is that the scale to be chosen for drawing shall be such a scale so as to clearly depict the complexity of the object & purpose of representation.

C. STRUCTURAL ANALYSIS AND STRUCTURAL DRAWINGS:

- a) As per preliminary drawings, tentative structural arrangement of the structure shall be decided in consultation with HITES/Client, leading to preparation of working drawings. Due consideration shall be given in deciding expansion Deputies from seismic consideration as per IS 4326 and other relevant codes.
- b) Analysis and design of the structure on the basis of approved working drawings shall be done on the latest software package of STAAD (latest version) or approved equivalent. However provisions in various latest BIS codes namely IS 456, IS 1893, IS 4326, IS 13920 etc. shall be over riding the package's output.
- c) Structural drawings showing reinforcement detailing and Bar Bending Schedule shall be prepared as per latest SP: 34(S&T) from BIS and in consultation with HITES /CLIENT. All over riding conditions prescribed by IS 13920 or by any other BIS Code shall be taken into account while preparing the structural drawings.
- d) The consultant shall obtain proof checking of the designs and drawings from IIT/ regional engineering college/expert structural engineering institute/ consultant nominated by HITES/Client. The fee for proof checking shall be deposited by the consultant who shall be reimbursed on actual basis on submitting the payment receipt. The reimbursement of payment shall be made to the consultant on obtaining completion of proof checking of structural designs and drawings from the approved institute.

D. PLUMBING/ ELECTRICAL/ FIREFIGHTING / HVAC DRAWINGS:

- a) All drawings shall be on required scale and should clearly indicate legend Index.
- b) Single line diagrams shall be in variably provided for Electric Circuits, Plumbing, Firefighting and Fire Alarm System along with detailed working drawings.

E. SUPPLY OF DRAWINGS

All the estimates, bill of quantities, detailed designs with calculations, and any other details envisaged under this agreement shall be supplied as per requirement. All Architectural drawings and details of services/utilities (internal and external) shall be supplied by the Consultant as per requirements of local bodies and other authorities. HITES/Client shall be supplied with required sets of such drawings along with one reproducible copy in A-1 size. If there is any revision of any detail in any drawing for any reason whatsoever, same number of drawings shall be reissued after such corrections without any extra charge.