

M/s HLL Infra Tech Services Ltd. (HITES)
(Subsidiary of HLL Lifecare Ltd, A Government of India Enterprise)
As Executing Agency of
Ministry of Health & Family Welfare Government of India

HITES/NEW AIIMS/GUWAHATI/2018-19/

09.11.2018

CORRIGENDUM-02

Name of the work: Design, Engineering, Procurement and Construction (EPC) including Operation & Maintenance of All India Institute of Medical Sciences at Guwahati (Assam), INDIA

Ref: Tender No. : HITES/AIIMS-GUWAHATI/2018

The Corrigendum-02 shall be treated as part of e-tender to be uploaded online duly signed and stamped along with e-tender:

A. Amendment to existing e-Tender Clause

Sl. No.	Ref. to tender	Existing Clause	Amended Clause
1.	Annexure -1 – Checklist, Sl. No. 1. B, NIT&ITB, Vol-1 of Tender document	Non –refundable Online payment of Rs.2,24,000/- (Rs. Two Lakh Twenty Four Thousand only) as e-Tender Fee / Processing Fee, in favour of “HLL Infra Tech Services Limited”	Original non-refundable Demand Draft / Pay order or Banker’s Cheque of any Scheduled Bank drawn in favour of M/s HLL Infra Tech Services Ltd. (HITES) Payable at New Delhi/ NOIDA for an amount of Rs.2,24,000/- (Rs. Two Lakh Twenty Four Thousand only) inclusive of GST as Processing Fee / e-Tender Fee.
2.	Clause 5.8 External Development Vol-4, DBR of Tender document (page 19)	<u>5.8.1 Site Levels</u> The details of plot area and the area under which earth filling is being done by the State Govt. is as given at Sl no 2.5 above. The proposed level of	<u>5.8.1 Site Levels</u> The details of plot area and the area under which earth filling is being done by the State Govt. is as given at Sl no 2.5 above. The proposed level of internal roads and Building Plinths shall be

Sl. No.	Ref. to tender	Existing Clause	Amended Clause
		<p>internal roads and Building Plinths shall be maintained as follows:</p> <ul style="list-style-type: none"> • The site is on the proposed road (under construction) from the NH-27. The present level recorded at the junction of the proposed road to AllMS Campus and NH 27 is 52.03 mtrs with respect to MSL (Level Transferred from Changsari Railway Station having MSL 54.13 mtrs) and the corresponding level of the proposed external approach road to site near the entrance gate of AllMS Campus is likely to be around 52.00 mtrs with respect to MSL. • The earth filling is in progress in the site where the construction is proposed in 84 Acres (approx.) of land under the present scope of constructions and the and level of the ground after the earthfilling shall be 52.00 mtrs (approx.) without compaction with respect to MSL. • The internal road level from roundabout inside near entrance onward is proposed to be kept 0.15 mtrs above (i.e. at 52.15 mtrs) from the proposed external road level at Main Entrance. The level of the internal roads from the roundabout near Main Entrance upto the road along grid behind Hospital and along Auditorium shall be maintained at 52.15 mtrs. 	<p>maintained as follows:</p> <ul style="list-style-type: none"> • The site is on the proposed road (under construction) from the NH-27. The present level recorded at the junction of the proposed road to AllMS Campus and NH 27 is 52.03 mtrs with respect to MSL (Level Transferred from Changsari Railway Station having MSL 54.13 mtrs) and the corresponding level of the proposed external approach road to site near the entrance gate of AllMS Campus is likely to be around 52.00 mtrs with respect to MSL. • The earth filling is in progress in the site where the construction is proposed in 84 Acres (approx.) of land under the present scope of constructions and the average level of the ground after the earthfilling shall be 52.00 mtrs (approx.) without compaction with respect to MSL. • The internal road level from roundabout inside near entrance onward is proposed to be kept 0.15 mtrs above (i.e. at 52.15 mtrs) from the proposed external road level at Main Entrance. The level of the internal roads from the roundabout near Main Entrance upto the road along grid behind Hospital and along Auditorium shall be maintained at 52.15 mtrs. The remaining internal roads shall be gradually laid in slope so as to maintain the levels at various intersection points as per the road layout plan. • The plinth level for Hospital is proposed to be 1.05 m above (i.e. at 53.05 mtrs) the external road level at Main

Sl. No.	Ref. to tender	Existing Clause	Amended Clause
		<p>The remaining internal roads shall be gradually laid in slope so as to maintain the levels at various intersection points as per the road layout plan.</p> <ul style="list-style-type: none"> • The plinth level for Hospital is proposed to be 1.05 m above (i.e. at 53.05 mtrs) the external road level at Main Entrance • The plinth level for AYUSH, Medical College & Auditorium, ESS & Plant Room building is proposed to be 0.90 m above (i.e. at 52.90 mtr.) the external road level at Main Entrance • The plinth level for all other buildings including residential buildings is proposed to be 0.6m (i.e. at 52.60 mtr.) above the external road level at Main Entrance 	<p>Entrance</p> <ul style="list-style-type: none"> • The plinth level for AYUSH, Medical College & Auditorium, ESS & Plant Room building is proposed to be 0.90 m above (i.e. at 52.90 mtr.) the external road level at Main Entrance • The plinth level for all other buildings including residential buildings is proposed to be 0.6m (i.e. at 52.60 mtr.) above the external road level at Main Entrance • The final levels as per DB R and drawings shall be achieved by the EPC contractor with required cutting / filling and compacted, all complete, as per site requirements. Surplus earth, if any, so arrived after maintaining the required level, shall be spread-up in the balance area of the campus covering future expansion.
3.	DBR clause 10 Painting (page 47)		<p>Add para –e & f.:</p> <p>e. wherever false ceiling is required, the finishing of walls as per finishing of the room shall be continued at least 150mm above the false ceiling level. Thereafter, the walls upto the ceiling and complete ceiling shall be white washed (new work) as per specifications</p> <p>f. The gypsum false ceiling work shall be finished & painted matching with the wall finish of the room as per the requirements.</p>

Sl. No.	Ref. to tender	Existing Clause	Amended Clause
4.	Clause 19 iv, Water Proofing Treatment, Vol-4, DBR of Tender document (page 52)	The water proofing of basement, all tanks, LINAC room, ETP, WTP, STP etc. shall be done by Chemical Injection System (Pre-Construction) as per CPWD Specification or as specified.	<p>The water proofing of basement, all tanks, LINAC room, ETP, WTP, STP etc. shall be done by Crystallization Water proofing treatment as per Specifications along with Delhi Schedule of Rates 2016 of CPWD as given below :</p> <p>a) For Basement Raft/ Base Slab Waterproofing: Integral dry shake hydrophilic treatment in combination to integral crystalline admixture in accordance to DSR Item No. 22.24 & 22.22 shall be used. Construction Joints shall be treated with swell able type water stop tape complying the requirement of DSR Item No. 22.26 or with the method of preparing U-Grove and filling/treating with high strength crystalline mortar as per DSR Item No. 22.25.1.</p> <p>b) For Waterproofing of Retaining Wall / Water Tanks Walls: Integral Crystalline admixture in combination to integral crystalline slurry shall be adopted in accordance to DSR Item. No. 22.22 & 22.23. Construction Joints shall be treated with swell able type water stop tape complying the requirement of DSR Item No. 22.26. or with the method of preparing U-Grove and filling/treating with high strength crystalline mortar as per DSR Item No. 22.25.1. Tie rods in walls shall be patched and treated as per DSR Item No. 22.25.2</p> <p>Crystalline products Must possess CE approval as per EN934 -2 and must be supplied from CE approved manufacturing</p>

Sl. No.	Ref. to tender	Existing Clause			Amended Clause		
					<p>facility. Preference to be given to the material showing maximum reduction in coefficient of permeability as close as possible to ZERO permeability at the recommended dosage rate. Integral crystalline admixture with durability approvals shall be preferred.</p> <p>The manufacturer must produce relevant test certificates from reputed laboratories, confirming that the product when added at the recommended dosage rate, meets the above requirements.</p> <p>The specimen of casted concrete shall be tested for permeability in initial phase, randomly at frequency of every 3 months from NABL approved laboratories.</p>		
5.	List of Approved Makes of Materials- Civil & Plumbing, Vol-5, Technical Specifications	S.No	Details of equipment/ material	Make/ Manufacturer	S.No	Details of equipment/ material	Make/Manufacturer
		103	Water Proofing Materials (Bitumenistic)	BASF/ Fosroc / Sikka / CICO / STP/ Pidilite/ CHRYSO	103	Water Proofing Materials	BASF/ Fosroc / Sikka / CICO / STP/ Pidilite/ CHRYSO/ PENETRON
6.	Clause 5.1.1 ii. Lavatory Basins Vol-4, DBR of Tender document (page 67)	ii. Lavatory Basins available in all size and shapes including wall hung, over or under counter types etc. with infra-red sensor as per IS:2256 (part 7) 1995.			ii. Lavatory Basins available in all size and shapes including wall hung, over or under counter types etc. shall be provided as under: a. Hospital building including OPD, AYUSH Building, Medical College & Nursing College, Guest House Mortuary and, Auditorium with infra-red sensor as per		

Sl. No.	Ref. to tender	Existing Clause	Amended Clause
			<p>IS:2256 (part 7) 1995.</p> <p>b. Residential units as per scale of amenities (clause no. 23, Vol.-4, DBR of tender documents (page 54-64).</p> <p>c. Hostels and other buildings shall be as per scale of amenities (clause no. 23, Vol.-4, DBR of tender documents (page 54-64).</p>
7.	9.b, xvii Page No. 120 of Volume IV DBR-	Regarding Raceways	GI Raceways of suitable size with minimum thickness of 2 mm shall be provided in all rooms/ areas as applicable. However, covers made out of SS 304/ SS 316 sheets, minimum thickness 2 mm, shall be provided for all the raceways.
8.	16.8 Page No. 186 of Volume V, Tech Spec-	Regarding cable trays	<p>Following table shall be followed for dimensions of GI perforated Cable Trays:</p> <p>1. Width - 100 mm to 300 mm, Depth - 50 mm, Thickness - 1.6 mm</p> <p>2. Width - 375 mm to 450 mm, Depth - 62.5 mm, Thickness - 2.0 mm</p> <p>3. Width - 600 mm to 900 mm, Depth - 75 mm, Thickness - 2.0 mm</p>
9.	Page No. 188/ Chapter-F/ Electrical & Low Voltage/	Manufacturer must have an established track record in design and manufacture of sandwich busbar trunking system, and must have supplied busbar	The Manufacturer must have an established track record in design and manufacture of sandwich busbar trunking system.

Sl. No.	Ref. to tender	Existing Clause	Amended Clause
	Clause 16.9.4:-	trunking systems for at least 20 years.	
10.	Page No. 693/ Chapter- U/MoTs/Scope- online UPS:	The room for the central UPS will be provided by the respective institute/hospital preferably at same OT floor and one point electric supply will be provided to the UPS Room by the respective institute/hospital.	The room for the central UPS will be provided by the respective Bidder preferably at same OT floor and one point electric supply shall also be provided to the UPS Room by the respective Bidder.
11.	Page No. 682/Clause 10.1/Chapter-T/MGPS/Scope-	The minimum thickness of copper pipes of 35mm and above outer diameter, should be 1.2mm and the thickness of copper pipes less than 28mm outer diameter, should be 1mm as mentioned in respective Institute's BOQ.	The minimum thickness of copper pipes of 35mm and above outer diameter, should be 1.2mm and the thickness of copper pipes less than 35 mm outer diameter, should be 1mm.
12.	Page No. 681/ Clause 7.1/Chapter-T/MGPS/Scope-	Designed flow capacity should be minimum of LPM capacity as mentioned in BOQ of respective institute.	Designed flow capacity should be minimum LPM capacity as required.
13.	Page No. 682/Clause 10.3/Chapter-T/MGPS/Scope -	All the pipes from manifold/plant upto the outlets should be painted with two coats of synthetic enamel paint and colour codification should be as per standards followed and with consultation with competent authorities of the Institute.	All the pipes from manifold/plant upto the outlets should be painted with two coats of synthetic enamel paint and colour codification should be as per standards followed and as directed by Engineer-In-Charge.
14.	Page No. 684/Clause 13.2/Chapter-T/MGPS/Scope -	The medical gas central alarms should be capable of monitoring up to 5 medical gas services (As specified in BOQ of respective institute) by means of pressure sensors which detect deviations from the normal operating limits of either pressure or medical	The medical gas central alarms should be capable of monitoring up to 5 medical gas services by means of pressure sensors which detect deviations from the normal operating limits of either pressure or medical vacuum.

Sl. No.	Ref. to tender	Existing Clause	Amended Clause
		vacuum.	
15.	Page No. 688/ Chapter-U/ MoTs/Scope /Laminar Air Flow System:-	Note: Prospective bidders are advised to collect the information regarding CFM and AHU capacity from the respective institute site. Total flow rate of filter bank shall match the CFM of AHU.	Note: Prospective bidders are advised to assess CFM and AHU capacity required for smooth operation of MoT. Total flow rate of filter bank shall match the CFM of AHU.
16.	Page No. 688/ Chapter-U/ MoTs/Scope /HVAC Ducting & Exhaust System:-	All necessary HVAC interconnection for supply and return air shall be the scope of bidder (the institute will provide the duct upto outside of each MOT)	All necessary HVAC interconnection for supply and return air shall be the scope of bidder.
17.	Page No. 689/ Chapter-U/ MoTs/ Scope /Hermetically Sealed Doors & Windows:-	Door sizes should be as per below option and quantities will be as per BOQ of respective institute	Door sizes should be as per below option and quantities will be as required.
18.	Page No. 695/ Chapter-U/ MoTs/ Scope /MOT Integrations for 6 OTs/Audio Video Communication System cum control	Required numbers of Decoders and Encoder or Convertors or Scalers or Transducers should be supplied as per the respective institute requirement.	Required numbers of Decoders and Encoder or Convertors or Scalers or Transducers should be supplied as required.

Sl. No.	Ref. to tender	Existing Clause	Amended Clause
	system (One for each Integrated MOT):-		

B. Clarifications to Bidders' Queries:

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
1.	Clause 1.4 of NIT: Eligibility Criteria	<p>The bidders should meet the following minimum eligibility criteria:</p> <p>Bidders who fulfill the following requirement shall be eligible to apply.</p> <p>Direct / indirect Joint Ventures (JV)/ Consortium/Special Purpose Vehicles of whatsoever kind are not accepted.</p> <p>(a) Experience should be in the name of the bidding company and not in subsidiary/ associate company/ Group Company etc.</p> <p>We would like to bring to your kind notice that we have been qualified in various CPWD tenders with our proportionate share of Joint venture credential.</p> <p>In line with above, as per CPWD guidelines bidder requests to amend the clause as follows:</p> <p>Bidders who fulfill the following requirement shall</p>	Terms and conditions of e-tender prevail.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
		<p>be eligible to apply.</p> <p>Direct / indirect Joint Ventures (JV)/ Consortium / Special Purpose Vehicles of whatsoever kind are not accepted.</p> <p>(a) Experience should be in the name of the bidding company and not in subsidiary/ associate company/ Group Company. However, while considering any similar work executed by applicant firm in that work shall be restricted to is share/ responsibilities as reflected in the Memorandum of understanding (MoU), signed between the parties, while forming joint venture for that work, attested copy of which shall be submitted alongwith the technical bid.</p>	
2.	Clause 1.2, SI No. 11 of NIT	<p>Last date to fill/upload the e-tender through e-Tendering: 29.11.2018 at 15:00 Hrs</p> <p>Considering the scope of work involved especially EPC works, time provided for bidding is not sufficient. Bidder request Employer to extent the present tender submission date by at least one month.</p>	Terms and conditions of e-tender prevail
3.	Eligibility Criteria	As per Tender Clause: Experience of having	Terms and conditions of e-tender

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
		<p>successfully completed works during the last 7 years ending the previous day to the last date of submission of tender. Three similar completed works, each cost not less than the amount equal to Rs. 366.70 Crs. Or Two similar completed works, each cost not less than the amount equal to Rs.550.05 Crs. Or One similar completed work costing not less than the amount equal to Rs. 733.40 Crs.</p> <p>Request for amendment: Experience of having successfully completed Contracts on EPC / Turnkey basis during the last 7 years ending the previous day to the last date of submission of tender.</p> <p>In case of One similar Work; total Contract Value on EPC / Turnkey basis to be not less than Rs. 733.40 Crs.; in case of Two similar Works total Contract Value on EPC / Turnkey basis to be not less than Rs.550.05 Crs. each; in case of Three similar Works total Contract Value on EPC / Turnkey basis to be not less than Rs. 366.70 Crs. each.</p>	prevail
4.	Eligibility Criteria	As per Tender Clause: "Similar Work" shall mean construction of Non-Residential and Non- Industrial building Project(s) with minimum one work of at least Five Storey building including work of specialised E&M services of Sub-station & HVAC. For this purpose each basement, stilt constructed with the	Terms and conditions of e-tender prevail

BIDDERS QUERIES

Sl. No.	Description of Clause	Comments / Observations	HITES Reply
		<p>building shall be construed as a storey. Machine room and mumty shall not be counted as a storey. Work of substation and HVAC, if executed under a separate contract by the applicant may also be considered for the purpose of assessing the technical competence only without adding its monetary value for determining the eligibility criteria.</p> <p>Request for amendment: Similar works shall mean EPC / Turnkey Contracts executed under Govt. Organisation only; wherein Piling, Civil, Structural, Finishing Works, Electrical Works, HVAC, Sanitary & Plumbing, Internal Roads, Landscaping & Area development, Fire Fighting, Sub-station etc. involved along with minimum one building work of Multi Storey constructed within the contract. For this purpose each basement, stilt constructed with the building shall be construed as a storey. Machine room and mumty shall not be counted as a storey. Work of substation and HVAC, if executed under a separate contract by the applicant may also be considered for the purpose of assessing the technical competence only without adding its monetary value for determining the eligibility criteria.</p>	
5.	Eligibility Criteria	As per Tender Clause: Profit / loss: The bidder should not have incurred any loss (profit after tax	Terms and conditions of e-tender prevail

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
		<p>should be positive) in more than two years during the available last five consecutive financial years ending 31st March, 2018.</p> <p>Request for amendment: The profitability clause is to be discarded. Net Worth of the company should be positive as on 31st March of last Financial year.</p>	
6.	Eligibility Criteria	<p>As per Tender Clause: Solvency Certificate: FORM T-1 B</p> <p>This is to certify that to the best of our knowledge and information that M/s having marginally noted address, a customer of our bank are / is respectable and can be treated as good for any engagement upto a limit of Rs.(Rupees.....)</p> <p>This certificate is issued without any guarantee or responsibility on the bank or any of the officers.</p> <p>Request for amendment in the format:</p> <p>This is to state that M/s Having registered office at and corporate office at, is a customer of our Bank. The Company can be considered good upto Rs. (Rupees.</p>	Terms and conditions of e-tender prevail

BIDDERS QUERIES

Sl. No.	Description of Clause	Comments / Observations	HITES Reply
		<p>.....) in terms of Net Worth shown in their Audited Balance Sheet as on 31.03.2018. Further we would like to confirm that the company enjoys working capital limit of Rs. from(Name of Bank) and Rs. from other consortium lenders for undertaking of EPC contract. This certificate is being issued only for the purpose of participation of tender(s) for the Construction of All India Institute of Medical Sciences at Guwahati (Assam) India on EPC basis.</p> <p>It is clarified that this certificate is issued without any risk and responsibility on the part of(Name of Bank) or any of its officials in any respect whatsoever, more particularly either as guarantor or otherwise. This certificate must be taken as a private & confidential report given by the Bank without prejudice and on the express condition that(Name of Bank) & its officials are held free from any liability in connection with it.</p> <p>This certificate is issued for the above mentioned specific purpose, and at the specific request of our customer M/s.</p>	
7.	Technical and other Queries	Kindly share any existing soil report with Bore log data available with client.	Terms and conditions of e-tender prevail. Refer Clause 2, Geotechnical Investigation under Para 2 of

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
			Chapter-B of Design Basis Report-Civil Structures.
8.		Architectural Drawings are provided in Tender documents. However, Bidder need to understand whether Architectural design is changeable or it is mandatory to follow as it is provided in tender document. Kindly confirm.	Terms and conditions of e-tender prevail. Refer Clause 1.2 (page No.-2 & 3), Vol.-3 SCC of tender document.
9.		Technical design specification for Road work, Pathway & Car Parking needed to be defined.	Terms and conditions of e-tender prevail. Refer DBR Vol-4 and Tender Drawings Vol-6.
10.		Bidder will request to provide the list of Approved Institution may be engaged for Proof Checking of Structural Engineering. Whether corresponding charges to be borne by the EPC vendor?	Terms and conditions of e-tender prevail. Refer Clause 6.4.3. Engagement of Proof Checking Consultant given in SCC, Vol-3 of Tender document (page 44).
11.		As it is project initiated by Central Govt. and a separate campus is being formed, bidder needs to understand what sort of separate approval will be needed.	Terms and conditions of e-tender prevail.
12.		Bidder presumes that as the Architectural drawings are already completed by the owner, all approval of these will be taken care of by the owner / client.	Terms and conditions of e-tender prevail.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
		Kindly confirm.	
13.		Bidder need the information about the existing facilities available at site regarding Water supply, Sewerage system, Utility items, under-ground cable / utilities etc.	Terms and conditions of e-tender prevail.
14.		DBR says the boundary wall to be constructed using under reamed Piles. Bidder need to know whether any other type design (other than providing under reamed pile) will be acceptable.	Terms and conditions of e-tender prevail. Refer Clause 1.2 (page No.-2 & 3), Vol.-3 SCC of tender document.
15.		Considering the volume of work involved for this prestigious bid; kindly extend the bid submission date for at least 45 days from the date of uploading of response to pre-bid queries.	Terms and conditions of e-tender prevail.
16.	Vol 2- GCC, Performa of Schedule Clause 7, page 102 Minimum Amount for Interim Payment. Gross work to be done together with net payment /adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment. = 20 cr	We request you to relax the minimum Bill value clause for first 3 RA Bills and last 3 RA bills.	Terms and conditions of e-tender prevail.

BIDDERS QUERIES																			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply																
17.	<p>Vol 2-GCC, Performa of Schedule Clause 5, page 101</p> <p>Milestone based Liquidated Damages</p> <p>Amount to be with-held in case of non-achievement of milestone, as per Performa of Schedule Clause 5, page 101</p>	<p>This being a Design & Build project, considerable time may be required for Design and approval process. Time allowed in interim milestone may not be feasible. Hence request you to modify the time for interim Milestones as below:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Milestone 1:</td> <td style="width: 10%; text-align: center;">18</td> <td style="width: 10%;"></td> <td style="width: 50%;">months</td> </tr> <tr> <td>Milestone 2:</td> <td style="text-align: center;">21</td> <td></td> <td>months</td> </tr> <tr> <td>Milestone 3:</td> <td style="text-align: center;">24</td> <td></td> <td>months</td> </tr> <tr> <td>Milestone 4:</td> <td style="text-align: center;">29</td> <td></td> <td>months</td> </tr> </table> <p>Total Completion of Project: 29 months</p>	Milestone 1:	18		months	Milestone 2:	21		months	Milestone 3:	24		months	Milestone 4:	29		months	Terms and conditions of e-tender prevail.
Milestone 1:	18		months																
Milestone 2:	21		months																
Milestone 3:	24		months																
Milestone 4:	29		months																
18.	<p>GCC Clause 10B (iii), page 32</p> <p>Recovery of Mobilization Advance</p> <p>Recovery of such sums advanced shall be made by the deduction from the contractors bills commencing after first ten per cent of the gross value of the work is executed and paid, on pro-rata percentage basis to the gross value of the work billed beyond 10% in such a way that the entire advance is recovered by the time eighty per cent of the gross value of the contract is executed and paid, together with interest due on the entire outstanding amount up to the date of recovery of</p>	<p>Request you to commence the recovery of Advance after 30 % of the gross value of the work is executed and paid.</p>	Terms and conditions of e-tender prevail.																

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	the installment. .		
19.	GCC Clause 10C, page 32-Escalation No escalation shall be applicable on this contract. The Price quoted by contractor shall be firm and fixed for entire contract period as well as extended period for completion of the works.	Considering the duration of Project and volatility of material and Labour prices, request you to please provide Escalation due to variation in prices of materials as per CPWD GCC clause 10 CA and Escalation due to variation in wages as per CPWD GCC clause 10CC.	Terms and conditions of e-tender prevail.
20.	GCC Clause 7, page 25-Payment The amount admissible shall be paid within thirty working days after the day of presentation of the bill by the Contractor to the Engineer-in-Charge together with the account of the material issued by the department, or dismantled materials, if any. In the case of works outside the headquarters of the Engineer- in-Charge, the period of thirty working days will be extended to forty five working days.	Request you to pay 75% of Bill Amount as advance within 7 days of bill submission by Contractor and balance amount to be paid within 28 days of Bill submission by Contractor.	Terms and conditions of e-tender prevail.
21.	SCC Clause 3.1, page 35-Space for Temporary Infrastructure The contractor may construct	We understand that the Land for the temporary Infrastructure will be provided free of cost within the site premises or near by, for the following,1.	Terms and conditions of e-tender prevail. Refer Clause 3, Site Management (page No.-33),Vol.-3

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	temporary office, storage, accommodation and labour huts within the site premises where the space is available at site. In case, where surplus land is not available within the site and/or not permitted by the client, the contractor shall arrange the land for temporary office, storage, accommodation and labour huts.	Batching Plant2. Labour Colony3. Site Office4. Stores, Workshop, Material yard and other Amenities required for execution. Please confirm.	SCC of tender document.
22.	GCC Clause 31, page 50-Water for Construction The contractor(s) shall make his/their own arrangements for water required for the work and nothing extra will be paid for the same.	We presume that Borewell will be allowed inside the site to draw water for Construction. Please confirm.	Terms and conditions of e-tender prevail.
23.	SCC clause 1.4 Vol III, page 7- Statutory Approvals The Contractor shall obtain all necessary approvals including preconstruction from Municipal and other local bodies including Municipal bodies, Water supply agencies concerned, Electric. Supply and inspectorate. Agencies concerned,	We request you to modify the clause as follows: The Contractor shall obtained all Approvals required during Construction phase only.	Terms and conditions of e-tender prevail.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	Police and Security Agencies, Chief Controller of Explosives, Fire Department, Civil Aviation, Air Force Department, in accordance to prevailing rules, Building Bye-Laws, tree replantation etc., as the case may be with related to/ required for Construction/ Completion.		
24.	<p>SCC clause 1.4 Vol III, page 7</p> <p>Environment Impact assessment</p> <p>The Environment impact assessment is also part of the scope of work as such its clearance from Ministry of Environment and forest Department, CPCB & State PCB as applicable is the responsibility of the contractor. The request for obtaining EIA approval has already been submitted. The contractor shall assist and liaison with the respective department for obtaining the EIA approval.</p>	<p>We suggest that in interest of the project, this being a government project; EIA and it's clearance from ministry of Environment may be obtained by Employer. All required documentation will be provided by the Contractor. Please Confirm</p>	<p>Terms and conditions of e-tender prevail.</p>
25.	<p>ITB clause 3.9 Vol I, page 26</p> <p>Dismantling/ Shifting of Utilities.</p>	<p>Request you to provide the details along with drawings of existing utilities to be dismantled and Utilities required to be shifted.</p>	<p>Terms and conditions of e-tender prevail. The Bidders are advised to visit and examine the Site of works</p>

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	The scope of work includes dismantling of the required services and utilities falling in the project area and supporting/shifting & making functional existing services/sewerage and water supply lines etc.		and its surroundings at his/their cost and get/ obtain at his/their own responsibility, required information, as applicable for preparing the Bid
26.	NIT, page 2-Estimated Cost Part A:- Design, Engineering, Procurement and Construction (EPC): R. 916.75 Crs Part B :- Operation & Maintenance: R. 27.59 Crs.	Request you to consider only Part A:- Design, Engineering, Procurement and Construction (EPC) value only for the evaluation of Tender.	Terms and conditions of e-tender prevail.
27.	NIT, page 2-General	Request you to allow us to submit queries till 12th November 2018.	Terms and conditions of e-tender & Corrigendum-01 prevail.
28.	Vol - 6 Tender Drawings Architecture Drawing - MASTER PLAN	Whether bidder can modify the location of blocks to meet the functional, interconnectivity between the blocks and to satisfy the statutory building rules.	Terms and conditions of e-tender prevail. Refer Clause 1.2 (page No.-2 & 3), Vol.-3 SCC of tender document.
29.	Vol - 6 Tender Drawings Architecture Drawing - MASTER PLAN	Whether Bidder can modify the road width and alignment in master plan to meet functional requirement and statutory norms.	Terms and conditions of e-tender prevail. Refer Clause 1.2 (page No.-2 & 3), Vol.-3 SCC of tender document.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
30.	Vol - 6 Tender Drawings Architecture Drawing - CONCEPT DRAWING	It is assumed that the scope of bidder is limiting to areas of each room or activity given in the drawings. Please confirm.	Terms and conditions of e-tender prevail. Refer Clause 1.2 (page No.-2 & 3), Vol.-3 SCC of tender document.
31.	Vol - 6 Tender Drawings Architecture Drawing - CONCEPT DRAWING	Please confirm, whether MCI or NMC norms to be followed.	Terms and conditions of e-tender prevail. Refer Clause 1.2 (page No.-2 & 3), Vol.-3 SCC of tender document.
32.	Vol - 6 Tender Drawings Architecture Drawing - CONCEPT DRAWING	Considering the allocation of Department facilities, location of rooms , circulation, Whether bidder is allowed modify the Grid dimensions for all blocks. Please confirm.	Terms and conditions of e-tender prevail. Refer Clause 1.2 (page No.-2 & 3), Vol.-3 SCC of tender document.
33.	Vol - 4 Annexure II Finishing Schedule	Considering the functionality/usage of areas, whether the bidder is allowed to modify the prescribed finishing schedule. Please Confirm.	Terms and conditions of e-tender prevail.
34.	Vol - 6 Tender Drawings Architecture Drawing - CONCEPT DRAWING Wooden Flush Shutter with Aluminium	Whether bidder can propose alternate material of FRP Framed Shutter instead of Flush shutter in Toilet Area considering functional usage. Please Confirm.	Terms and conditions of e-tender prevail.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	Frames for Toilets		
35.	Vol-5, Pg.148 Chapter E Tender drawings / Technical specification List of Approved makes.	Please clarify whether the make / brand specified under list of Approved Makes of Materials to be followed instead of the make / brand mentioned in the Tender details & drawings.	Terms and conditions of e-tender prevail.
36.	Vol 5, Pg.148 to 169 Chapter E List of Approved Makes of Materials Make / Manufacturer	Based on the latest availability in the market whether bidder is allowed add additional make / Manufacturer for the items given in the list.	Terms and conditions of e-tender prevail.
37.	Vol - 6, Vol-5 Pg.37 Chapter B 9.1a Window Grills As per Vol. 5- MS Grills, As per Drawing- SS Grill	Specification for Grills in Technical Spec. and Details Drawings does not match. It is assumed that MS Grill Specification as per Vol-5 shall be followed. Please confirm.	Terms and conditions of e-tender prevail. Powder coated Aluminium Grill, Powder coated MS Grill and SS Grill shall be provided in various buildings as defined in the Finishing Schedule given in DBR, Vol-4 of tender document and these shall be in conformance to latest CPWD Specifications.
38.	Vol - 4,Pg.203 Annexure I List of Medical Equipment	It is assumed that the list of Medical Equipment is provided only as reference for MEP Planning. Please Confirm.	Terms and conditions of e-tender prevail. A Tentative List of Medical Equipment appended at Annexure-I, in Vol-4, of Tender Document is for Detailed planning and engineering purpose.
39.	Vol-4 DBR Chapter-B. Civil & Structure	Kindly provide the lateral capacity and complete	Terms and conditions of e-tender prevail. Refer Clause 2, Geotechnical

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	<p>Page 30 & 31 2(iii)</p> <p>Geo Technical Investigation</p> <p>Pile Lateral capacities are not available in table for pile foundation.</p>	geotechnical report for design of pile foundation.	Investigation under Para 2 of Chapter-B of Design Basis Report- Civil Structures
40.	<p>Vol-4 DBR Chapter-B. Civil & Structure Page 31&32 3.2</p> <p>Description of the project</p> <p>Medical College (G+3) - Additional 2 floors for vertical expansion</p>	As per drawing no: 190/03/MC/ARCH/107 Section X-X ,Grid A to F & Grid T to Y having only G+2 floors with slopped roof. Please confirm the provision additional 2 floors above the slopped roof.	Terms and conditions of e-tender prevail.
41.	<p>Vol-4 DBR Chapter-B. Civil & Structure Page 41 3.10.3</p> <p>Design Philosophy</p> <p>Minimum of M 30 grade concrete for RCC structural Members such as beams, slabs footings, staircase, lift walls, columns etc.</p>	Kindly confirm the grade of concrete for Grade Slab and Mullions.	Terms and conditions of e-tender prevail. For Grade Slab and Mullions Minimum of M 25 grade concrete is to be provided.
42.	<p>Vol-4 DBR Chapter-B. Civil & Structure Page 42 & 43 3.10.3g</p> <p>Design Philosophy -Underground Sump combined with WTP/Overhead Water tank</p> <p>The walls and base slab would be</p>	Please note that working stress method is absolute and Lastest version of IS:3370 -2009 - Design of water tank by Limit State Method.	Terms and conditions of e-tender prevail.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	designed as per the provisions of IS: 3370 (Part1- Part4)-1965 using the working stress method. Overhead water tank would be designed to sustain the water load at full tank condition as per the provisions of IS: 3370 (Part 1- Part4) -1965 using the Working Stress method.		
43.	Vol-4 DBR Chapter-C. Civil Works Page 45 & 46 7j -Brick Work a.Common burnt clay brick b.Fly ash lime gypsum (FALG) bricks	Kindly confirm the usage of AAC block work.	Terms and conditions of e-tender prevail.
44.	Vol-4 DBR Chapter-C. Civil WorksPage 45 & 46 21.2- Interlocking Pavers Pathways, roundabout, cycle track of required size and thickness 80 mm thick factory made of cement concrete mix of M-30	Please confirm the thickness 60mm with M40 grade for Pathways, roundabout and cycle track.	Terms and conditions of e-tender prevail. Pavers for Pathways, roundabout and cycle track to be factory made of minimum 60 mm thickness of Concrete Grade Mix M40
45.	Drawing Typical Details-Typical Road Section Details WBM 150thk (63-45 agg.) & WBM (90-63 agg) shown above the compacted earth fill.	Usage of WBM is absolute as per IRC and please confirm the alternate builtup for Concrete Road section.	Terms and conditions of e-tender prevail.
46.	Volume 5 Technical Specification.- Mechanical Couplers:	As per Ductile Detailing Code IS 13920:2016 Cluase 7.3.2.2 " Mechanical couplers (conforming to IS 16172) shall be used.	Terms and conditions of e-tender prevail.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	-	Please confirm the same.	
47.	Vol-5, Technical Specifications - DG set Page no.249 Clause 3 Design-Ambient temperature of DG sets The DG set equipment shall be tropicalised and shall be suitable for operating at a humid atmosphere at an ambient temperature of 50 deg c.	Considering the maximum ambient temperature of 35 deg c at Guwahati, DG sets shall be provided for an ambient temperature of 40 deg C. Please confirm	Terms & Conditions of e-Tender prevail.
48.	Vol-5, Technical Specifications - Sandwich Bus ducts/Trunking,Rising Mains Page no.187,188 Clause 16.9.3,Standards Fire resistance of Bus Trunking Wherever required and specified,the Busbar trunking system shall conform to fire rating of 600 deg C for 2 hours	Since the premises is having only high rise buildings and not hazardous areas,the bus bar trunking shall be supplied in compliance with IEC -61439,Part 6 without fire rated properties.Please confirm	Terms & Conditions of e-Tender prevail. Refer Clause 16.9.3 (Page No.-188), Vol.- 4, DBR which states that: <i>Busbar Trunking System should also have Seismic Zone-5, Flame Propagation and Fire Resistance certification.</i>
49.	Vol-5, Technical Specifications - UPS Page no.218 Clause 22.5,UPS and its features Operating temperature of UPS (-2 to 45 deg C)	Since the UPS is kept in air-conditioned areas,the ambient temperature shall not cross 25 deg C.Hence the maximum operating temperature of UPS shall be 40 deg c.Please confirm	Terms & Conditions of e-Tender prevail.
50.	Vol-5, Technical Specifications - DG set Page no.253 Clause 16,Alternator	We propose alternators with class 'H' insulation and temperature rise restricted to Class 'H'.Please confirm	Terms & Conditions of e-Tender prevail.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	<p>Insulation class of Alternator</p> <p>The alternators shall be continuously rated and shall have class 'H' insulation with a temperature rise restricted to that of class F designed and built to withstand tropical conditions</p>		
51.	<p>Vol-5, Technical Specifications - Light Fixtures Page no.213 Clause 20.7.3 - LED Light fixtures</p> <p>Luminous efficacy of light fixtures</p> <p>LED lighting fixtures shall provide luminous efficacy of more than 100 lumens/watt</p>	<p>The clause cannot be complied for light fixtures like bollards,post-top lanterns,bulk head lights and foot/step lights.Please confirm</p>	<p>Terms & Conditions of e-Tender prevail.</p> <p>Reference: Clause 9 b(ix) (Page No.- 119), Vol.- 4, DBR</p> <p><i>It is to clarify that only LED Type fixtures shall be used for all Internal & External areas.</i></p>
52.	<p>Volume -4,DBR K. Design Basis report, Electrical and LV works, page 120 Clause 9.1</p> <p>Sensors and dimmers</p> <p>Occupancy/Movement Sensors and light dimmers shall be provided for automatic lighting control in Office rooms/consultant rooms/toilets and other areas as required under NBC and latest ECBC norms</p>	<p>Please provide the complete list of locations where sensors and light dimmers to be provided for all the buildings.</p>	<p>Terms & Conditions of e-Tender prevail.</p> <p>Being EPC Tender,locations and No. of Sensors and dimmers in Office rooms/consultant rooms/toilets and other areas shall be worked out by Bidder as per functional requirements.</p>

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
53.	<p>Vol4 DBR 109 (Pdf - 112 of 232)</p> <p>K. Design Basis Report Electrical and LV works</p> <p>The rating and capacity of equipment indicated herein below are minimum to be provided. However during detailed designing, if required and found necessary, the capacity / rating of the equipment may be upgraded by the EPC Contractor.</p>	<p>Being an EPC job, we presume that design responsibility lies with contractor.</p> <p>Hence we presume that capacities mentioned in the DBR are indicative and for reference only and Contractor can offer rating & quantities as per their design.</p>	<p>Terms & Conditions of e-Tender prevail.</p>
54.	<p>Vol4 DBR 138 (Pdf - 141 of 232)</p> <p>L. Design Basis Report- LIFTS</p> <p>Passenger cum Bed lifts, Passenger Lifts, Service/Goods Lifts for AIIMS complex shall be provided, as per details given below which is indicative.</p> <p>Also, Lift Well, Car Size, Lift Pit Depth, Overhead, and Clear Entrance Width & Height dimensions shall conform to NBC 2016 or OEM Standards/ recommendations. Passenger Lift Speed: For building height upto G+4 - 1 mtr/sec For building height upto G+5 floors &</p>	<p>Being an EPC job, we presume that design responsibility lies with contractor.</p> <p>Hence our offer shall be with our design / quantities arrived based on Lift traffic analysis.</p>	<p>Terms & Conditions of e-Tender prevail.</p> <p>The Design/Quantities of Lifts specified in DBR for various Buildings are minimum requirements which needs to be provided. However, same can be upgraded to comply with the requirements of Lift Traffic Analysis.</p>

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	above - 1.5 mtr/sec		
55.	Volume 5 : Technical Specifications pg402 Chapter K Technical Specification - Lifts 26. Car Door / Landing Door The lift car door shall have a fire resistance rating of two hours	Only Landing doors shall have fire rating of Minimum 60 Minutes as per Latest IS / NBC Standards	The lift car door & landing doors shall have fire resistance rating as per NBC 2016 / CPWD & relevant IS codes meeting the applicable Statutory requirements.
56.	Vol-4, Pg.85H. Design Basis Report STP & ETP Clause 1 General STP & ETP -Level Both STP & ETP Shall Be Underground	In the DBR it is mentioned that the STP & ETP Shall be underground. However in the STP layout and other external drawings, STP & ETP is mentioned as above ground structure	STP & ETP shall be as per design requirements considering all the relevant parameters including levels of all relevant services and utilities.
57.	Vol-4, Pg.86 H. Design Basis Report STP & ETP Clause 3. Effluent Treatment Plant System Process Units in ETP In ETP, Flocculator, Flash Mixer & Chemical dosing system should be proposed for preliminary treatment of Hospital Lab/Ot effluent after which semi treated water will be treated through the entire STP Plant	In DBR, for ETP, Flocculator, flash mixer & chemical dosing is proposed. However the layout drawing for ETP shows DMF & ACF in addition to the above. As semi treated effluent is proposed to be treated in STP, units like PSF, ACF etc. are not required - Please confirm	It will be the sole responsibility of EPC Contractor to meet the output treated water parameters generated from STP as per DBR provisions. However, if required, PSF/ACF/DMF filters shall be provided in STP only.
58.	Vol-4, Pg.74F. Design Basis Report WTP	The approximate capacity of WTP for each cluster	Tanks & water requirements has been provided for both clusters. Accordingly

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	<p>Clause 1 General</p> <p>WTP Capacity</p> <p>Two Nos. separate Water Treatment Plants of suitable capacities catering to Cluster -1 & Cluster -2 shall be provided</p>	<p>may be provided to have uniformity among Bidders</p>	<p>equipment needs to be provided. Detailed designing of WTP is included in scope of EPC contractor.</p>
59.	<p>Vol-4, Pg.74 F.Design Basis Report WTP Clause 1 General</p> <p>WTP operation hours</p> <p>Two Nos. separate Water Treatment Plants of suitable capacities catering to Cluster -1 & Cluster -2 shall be provided</p>	<p>The operation hours for WTP may be provided to have uniformity among bidders</p>	<p>Operation Hours for WTP shall be 10-12 Hrs. subject to meeting other relevant requirements.</p>
60.	<p>Vol-4, Pg.65 D.Design Basis Report Plumbing. Clause 1.2 External Water Supply System</p> <p>Municipal Water Supply Details</p> <p>The water supply to the campus shall be met from the local Municipality/Authority and /Tube Wells/Bore Wells</p>	<p>Please provide the details like (i) location of Municipal/Authority water supply pipeline (ii) diameter and residual pressure (iii) Quantity available etc.</p>	<p>Being EPC Tender, details like (i) location of Municipal/ Authority water supply pipeline (ii) diameter and residual pressure (iii) Quantity available etc. need to be obtained by the Bidder & system needs to be designed accordingly.</p>
61.	<p>Vol-4, Pg.65 D.Design Basis Report Plumbing. Clause 1.2 External Water Supply System</p> <p>Bore Well water quality</p>	<p>Please share the bore well water quality from nearby bore wells</p>	<p>The terms and conditions as per e-tender shall prevail. Refer Vol.4-DBR. The bidder shall ascertain the relevant details at their end & consider the same as per requirements.</p>

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	The water supply to the campus shall be met from the local Municipality/Authority and /Tube Wells/Bore Wells		
62.	Vol-6 650 KLD STP layout drawing Sludge handling Separate centrifuges are shown for sludge handling from STP and ETP	Since both ETP & STP are adjacent to each other, we propose common sludge handling system like sludge holding tank, centrifuge etc. Please confirm	Common Sludge Handling System like Sludge Holding Tank, Centrifuge etc, for STP & ETP is acceptable.
63.	Vol-4, Pg.85 H. Design Basis Report STP & ETP Clause 2 Sewage Treatment Plant (MBR Technology) STP -Process Units As per DBR, the process specified for STP is MBR. However the specifications given in Technical Specification document is for MBBR process.	Please confirm which Process to be followed.	Terms and Conditions of e-tender shall prevail.
64.	Vol-5, Pg.630 Tehnical Specification of STP. Clause 1.1 Desired Quality After Treatment. Table C Expected Treated Water Characteristics after filtration and softener (for cooling tower make-up) Total Dissolved Solids Total Dissolved Solids - 200 ppm	Since softener will not remove Total Dissolved Solids (TDS). The Total Dissolved Solids after filtration and softener will be same as feed sewage TDS	Please refer Page no.77 of DBR, wherein output water parameters are specified on which Softner needs to be designed.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
65.	<p>General</p> <p>Sanitary fixture make and Model No</p> <p>Only Make given</p>	To have uniformity among all bidders , we request you to provide Make and Model nos for Sanitary fixtures and CP fittings.	The terms and conditions of e-tender shall prevail.
66.	<p>Architecture master plan - 190/01/MP/ARCH/100</p> <p>MASTER PLAN - FGL, PL LEVEL, ROADS ,FOOTPATH</p> <p>The UG Girls'/Boys'/Nurses' hostel blocks are shown as G+5, but in Fire fighting layout site plan (dwg no. AIIMSG/FF/001) the hostel blocks are shown as G+2 structures.</p>	Kindly clarify.	The Hostel blocks are G+5 structures. Please refer Page no. 102-108 of DBR, Vol -4, for all fire fighting provisions to be provided in various buildings.
67.	<p>Vol-4 DBR</p> <p>J. Fire Fighting System DBR (page no. 100) 6.6.1</p> <p>Gas based fire suppression system</p> <p>Gas based fire suppression system is required in Server rooms/Data centers & laboratories (of critical nature) and any other room which are required as per functional requirements.</p>	Kindly clarify which are the laboratories of critical in nature to provide with gas suppression system	Clean Agent Extinguishers to be provided in all laboratories.For details, please refer page no. 578 of Technical Specifications.
68.	<p>Vol-4 DBR</p> <p>K. Electrical and LV Works DBR (page</p>	As per NBC 2016, Part 4, Table 7 says, for Hostels, Apartments and other ancillary buildings (low rise) shall be provided with Manually operated electronic	The terms and conditions of e-tender shall prevail.

BIDDERS QUERIES

Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	<p>no. 122) 9.4</p> <p>Fire Detection / Alarm System</p> <p>Addressable Intelligent fire detection and Alarm system of latest technology with Fire alarm panels, multi Sensor detectors, smoke detectors, heat detectors, beam detectors, response indicators, manual call point and hooters, light strobe etc. shall be provided. It shall meet the requirement of NBC 2016. There shall be Independent fire Alarm Panel for Hospitals, Medical and Nursing college, AYUSH block, Hostels, Guest House, Auditorium, multi-story residential buildings etc. and all fire control panels shall be interconnected with each other. Fire Detectors and devices of other ancillary buildings/ blocks shall be connected to Fire Control Panel of the nearest building</p>	<p>fire alarm system. Kindly confirm.</p>	
<p>69.</p>	<p>Vol-4 DBR K. Electrical and LV Works DBR (page no. 123) 9.4</p> <p>Fire Detection / Alarm System</p> <p>Two Way communication Fire Fighters Telephone Jack & Handset with necessary accessories are to be</p>	<p>Provision of telephone jacks are considered for buildings as required by NBC 2016 - Part 4. Kindly confirm.</p>	<p>Terms & Conditions of e-Tender prevail.</p> <p>Being EPC Tender,provisions & locations of Telephone jacks shall be worked out by Bidder as per functional & Statutory requirements.</p>

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	provided in all the buildings as required.		
70.	<p>Vol-5, Technical Specifications - Fire Fighting System (page no. 568) 2.11</p> <p>External Yard Hydrants</p> <p>External yard hydrants shall be of 'Stand Post' type conforming to IS: 908 and comprise stand post for single or double outlet, duck foot bend, flange riser and single headed brass/ gunmetal valve conforming type A/ type-B and conforming to IS: 5290.</p>	<p>As there are 2 different standards specified for External hydrant, it shall be conforming to IS 5290. Kindly confirm.</p>	<p>External Yard Hydrant shall be as per IS: 5290. Other terms and conditions of e-tender shall prevail.</p>
71.	Preliminary Fire NOC	<p>Kindly provide preliminary fire NOC obtained for this project.</p>	<p>Terms & conditions of e-Tender shall prevail.</p> <p>Obtaining Provisional & Final Fire NOC lies in the scope of EPC Contractor. Please refer Pg. No. 7, Vol-3-SCC.</p>
72.	Seismic Bracing	<p>As per NBC 2016, Part 4, E-6, "For high rise buildings, seismic bracing shall be considered for firefighting installations depending on seismic vulnerability of the region and the type of occupancy". Being a high seismic zone, kindly clarify whether the same is required.</p>	<p>All Fire Fighting provisions shall be provided strictly complying with NBC 2016 norms & statutory requirements.</p>
73.	S.No.19 of Fire Fighting System of List of Approved makes of Materials of	<p>Kindly include Safeguard , Lifeguard , Superex , Kanex and Safex makes also in the List of approved</p>	<p>Terms and Conditions of e-tender shall</p>

BIDDERS QUERIES

Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	<p>Chapter-S of List of Approved makes of Materials pg 665</p> <p>Fire Extinguishers</p> <p>Minimax / Newage / Eversafe / Tyco – Johnsons Control</p>	<p>makes.</p>	<p>prevail.</p>
<p>74.</p>	<p>S.No.20 of Fire Fighting System of List of Approved makes of Materials of Chapter-S of List of Approved makes of Materials pg 665</p> <p>Fire Hydrant Valves/ Fire RRL Hose Pipes / Fire Hose Reels/ Fire Man's Axe/ Gun metal short branch pipe/ 2/ 3/4 FB inlet/ draw Out connection/Hose Box/ Hose reel drum /Nozzle/ blank Caps & Chains / Coupling</p> <p>Ceasefire / Newage / Minimax / HD /Tyco</p>	<p>Kindly include Safeguard , Lifeguard and Safex makes also in the List of approved makes.</p>	<p>Terms and Conditions of e-tender shall prevail.</p>
<p>75.</p>	<p>S.No.46 of Fire Fighting System of List of Approved makes of Materials of Chapter-S of List of Approved makes of Materials pg 666</p> <p>Fire Suppression System/Gas Flooding Sytem</p> <p>Tyco / Newage / Minimax / Viking</p>	<p>Kindly include UTC, Siemens and Sevo makes also for Total Flooding Gas Suppression system for Rooms and Kanex , SVS Buildwell makes also for Gas Suppression System for Panels in the List of approved makes.</p>	<p>Terms and Conditions of e-tender shall prevail.</p>

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
76.	<p>Clause No.1.1- C of J- Fire Fighting System of Volume 4- Design Basis Report</p> <p>Pumps, Valves and Accessories</p> <p>Pumps, Valves and Accessories shall be preferably UL listed and FM approved.</p>	<p>We will consider Fire pumps, valves and accessories conforming to and as per IS / NBC-2016 norms for firefighting system. Please confirm.</p>	<p>Fire pumps, valves and accessories conforming to IS Codes / NBC-2016 norms shall be acceptable for firefighting system.</p> <p>Other terms and conditions of e-tender shall prevail.</p>
77.	<p>Vol-4, Pg.169 Vol 4 DBR AIIMS - DBR- HVAC works - Clause 13 - ii</p> <p>Air Handling Units (For Comfort Areas) – Waiting Areas, wards, Library, Auditorium etc.</p> <p>All AHUs shall be with pre and fine filters & will be equipped with UVGI lamps.</p>	<p>Do comfort AHUs require fine filter & UVGI lamps ? Pls confirm.</p>	<p>Terms and Conditions of e-tender shall prevail.</p>
78.	<p>Vol-4, Pg172 Vol 4 DBR AIIMS - DBR- HVAC works - Clause 11 - i</p> <p>Air Handling Units (For Critical Areas) – ICU, OTs, Sterile Corridor, Labs, CSSD etc.</p> <p>All Critical AHUs will have cooling & heating coil (for reheat) (4 pipe system).</p> <p>Vol-4, Pg161 Vol 4 DBR AIIMS - DBR- HVAC works - Clause 11 - i</p>	<p>It's understood that 2 pipe system i.e., common piping for chilled water & hot water to be considered for winter heating except critical area AHUs which has 4 pipe system with exclusive Hot water generators & Hot water pumps. Kindly confirm.</p>	<p>Terms and Conditions of e-tender shall prevail.</p> <p>Please refer Page no.162,Clause 11.1.</p>

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	Air Conditioning:- All centrally air conditioned areas shall be provided with 4 pipe system.		
79.	Vol-4, Pg162 Vol 4 DBR AIIMS - DBR- HVAC works - Clause 4 - p Air Conditioning:- All Hot Water Generators & Hot Water Pumps shall be of suitable size & capacity & shall be located in HVAC Plant Room.	There are hot water pumps associated only with the Hot water generators used for monsoon reheating purposes. However we understand that the same set of secondary pumps shall be used for transferring hot water during winter heating operation and there are no dedicated hot water pumps for winter heating. Kindly confirm.	Terms and Conditions of e-tender shall prevail. Please refer DBR Page no. 160 Table-10.4 pipe (2 chilled water + 2 hot water) shall run from Plant Room to various buildings as specified in DBR. Hot water Generators & Hot Water Pumps shall be designed to pump the water to individual building as per requirements.
80.	Vol-4, Pg142 Vol 4 DBR AIIMS - DBR- HVAC works - Clause 4 - e Air Conditioning /Comfort Heating System Ducting System comprising of GI Ducting with Insulation/Pre-Insulated Ducting depending upon the requirement.	Kindly specify the list of areas to be considered with pre-insulated ducts or shall we consider normal GI ducting with insulation for all areas ? Kindly clarify.	Please refer Page no.176 of DBR. Ducting shall be either of GSS/Aluminium with suitable insulation as per requirements for air conditioning purpose.
81.	Vol-4, Pg142 Vol 4 DBR AIIMS - DBR- HVAC works - Clause 4 - n Air Conditioning /Comfort Heating System	Fire dampers shall be either UL certified or CBRI roorkee certified. Kindly confirm.	Fire dampers shall be mandatory UL certified & preferably FM / CBRI Roorkee certified also.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	Fire dampers shall be UL & CBRI Roorkee certified preferably with FM certification also.		
82.	Vol-4, Pg142 Vol 4 DBR AIIMS - DBR-HVAC works - Clause 4 - n Air Conditioning /Comfort Heating System Fresh air provision for ceiling suspended AHUs/FCUs/VRV/VRF Indoor Units shall be considered as per relevant codes & standards. TFA (Treated Fresh Air Units) to be provided to supply treated chilled air to these units/feeding areas.	For AHU rooms located at building exterior, fresh air intake through Louvers on the AHU room walls with motorised modulating dampers. For AHU room located at building core, fresh air supply shall be through TFA units. Kindly confirm.	TFA may be proposed for providing fresh air to Floor Mounted AHUs which are located at Building core. All Floor Mounted AHUs shall be with Mixing Box. Other terms & conditions of e-tender shall prevail.
83.	Vol-4, Pg142 Vol 4 DBR AIIMS - DBR-HVAC works - Clause 4 - n Air Conditioning /Comfort Heating System Dedicated Outdoor Air System (DOAS) shall have HRW along with chilled water coils.	Kindly specify the spaces to be provided with DOAS system.	"The DOAS unit with heat recovery unit shall be used for the areas which have higher fresh air rates or areas that require 100% exhaust e.g., mortuary, dissection halls, for fresh air patient rooms (6th &7th floor), laboratories etc". The same shall be proposed by EPC Contractor during detailed designing.
84.	Vol-4, Pg143 Vol 4 DBR AIIMS - DBR-HVAC works - Clause 4 - s Air Conditioning /Comfort Heating	VAV boxes shall be considered only for Conference Rooms, Individual Cabins, Lecture Halls, Meeting Rooms, ICUs, waiting Areas. Kindly confirm.	Terms and Conditions of e-tender shall prevail.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	System All Conference Rooms, Individual Cabins, Lecture Halls, Meeting Rooms, ICUs, waiting Areas etc. fed by common AHUs shall be provided with VAV Boxes.		
85.	Vol-4, Pg143 Vol 4 DBR AIIMS - DBR- HVAC works - Clause 4 - w Air Conditioning /Comfort Heating System For Burn Patients, air conditioning shall be so designed that temperature control should be there to maintain a warm environment & high relative humidity.	Kindly specify the exact indoor requirements (Temp & RH) to be maintained in the Burn patient areas.	Terms and conditions of e-Tender shall prevail. Please refer Vol.4 DBR, Annexure 1.1 Page 149 wherein indoor conditions (RH/ACPH/Temperature) are specified.
86.	Vol-4,Pg.674-677 Chapter-TClause no: 1.1 Oxygen supply system One vessel pf 1 x 20 KL as Primary & 1 x 10 KL as secondary & 20 x 2 as emergency	There is a contradiction between two clauses for primary, secondary & emergency sources of oxygen supply. Kindly confirm.	As per Tender Two LMO Tank will be required i.e. 20KL + 10KL alongwith O2 Manifold 20x2 and 10x2 or 20x1.
87.	Vol-4,Pg.674-677 Chapter-T Clause no: 2.2 & 2.3 Oxygen supply system O2 manifold minimum 20 x 2 &		

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	Emergency O2 manifold - 10 x 2 or 20 x 1		
88.	Vol-4,Pg.677 Chapter-T Clause no: 2.2 & 2.3 Oxygen manifold supply system Class D type bulk cylinders for oxygen manifold	Class D type cylinders shall have the nominal capacity of 340 litres only. Class J type cylinders shall have the nominal capacity of 6800 litres. Kindly confirm the type of cylinders to be used for oxygen.	D Type (Jambo) Cylinders with approx. 47 Liters of Water Capacity will be required as per tender
89.	Vol-4,Pg.678 Chapter-T Clause no: 4.2 Nitrous oxide system Class D type bulk cylinders for nitrous oxide manifold	Class D type cylinders shall have the nominal capacity of 900 litres only. Class J type cylinders shall have the nominal capacity of 18000 litres. Kindly confirm the type of cylinders to be used for nitrous oxide.	D Type (Jambo) Cylinders with approx. 47 Liters of Water Capacity will be required as per tender
90.	Vol-4,Pg.678 Chapter-T Clause no: 5 Carbon dioxide system Class D type bulk cylinders for nitrous oxide manifold	Class D type cylinders not available for carbon dioxide. Standard prefers VF type cylinders. Kindly confirm the type of cylinders to be used for carbon dioxide.	D Type (Jambo) Cylinders with approx. 47 Liters of Water Capacity will be required as per tender
91.	Vol-4,Pg.685 Chapter-T Clause no: 14 Horizontal/vertical bedhead panel BHP - 'For private room & isolation room	Bedhead panel shall be considered for critical care beds & Pre OP and Post OP beds only. Kindly confirm.	BHP will be required as explained in tender documents i.e. BHP - 'For private room and isolation room / speical ward (like dialysis,etc) ICU/CCU beds, Pre OP beds, HDU/post OP beds, Minor OT/ cath lap/CT/LINAC/etc

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	/ special ward (like dialysis,etc) ICU/CCU beds Pre OP beds HDU/post OP beds Minor OT/ cath lap/CT/LINAC/etc Endoscopy		Endoscopy"
92.	Vol-4, Pg 121 Clause 9.2 Computer / LAN Networking/ Wi-Fi Points All residential buildings in the complex shall be provided with wired data outlets along with the Wi-Fi connectivity.	Contradiction in the DBR, Scale of amenities & SLD. We assume based on the Scale of amenities & SLD Wi-Fi is not applicable for the residential blocks. Kindly confirm?	Terms & Conditions of e-Tender prevail. DATA & WiFi points shall be provided as per relevant Tender Drawing Vol. -6 for 'Data & WiFi' & inconjunction with Scale of Amenities for Residential & Hostel block provided in DBR Vol.-4. The Bidder shall assess and make provisions as per functional & statutory requirements in all buildings & blocks mentioned in the tender documents.
93.	Drawing No: 190/19/FS/DW/100 DATA & WI-FI SLD- Wi-Fi not shown for the Residential Buildings		
94.	Vol-4, Pg 121 23.4. Scale of Amenities (Electrical)- Residential Wi-Fi not shown for the Residential Buildings		
95.	Vol-4, Pg 125 Clause 9.9	We assume M.S. Conduit for Open conduiting, PVC conduit for Concealed conduiting. Kindly confirm?	Terms & Conditions of e-Tender prevail.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	MATV System Conduiting- Conduiting for MATV system shall be carried out in M.S. Conduit.		
96.	Vol-4, Pg 133 Clause 9.16. INFORMATION DISPLAY SYSTEM Video wall Matrix system of Minimum 9 units of 46/43 inch ultra thin professional LED Monitors shall be provided in the OPD block entrance area.	Only one no. of Video wall considered for the project at OPD entrance near TRAUMA WAITING CUM RECEPTION & MAIN ENTRANCE LOBBY. Kindly confirm?	Terms & Conditions of e-Tender prevail. Refer Clause 9.16 (Page No.-134), Vol.- 4, DBR which states that: <i>Video wall Matrix system of Minimum 9 units of 46"/43" ultra thin professional LED Monitors shall be provided in the OPD block entrance area.</i>
97.	Vol.5, Pg 297 Clause 1.1 LAN NETWORKING & WIFI SYSTEM 20% LAN switches, Wifi routers shall be provided as spare as required & as per directions of EIC.	20% LAN switches & Wi-Fi access points for the project seems to be very huge requirement. We assume 2 no's of additional switch & Wi-Fi router shall be provided at Main and redundant server rooms as a spare. Kindly confirm?	Terms & Conditions of e-Tender prevail.
98.	Vol.5, Pg 310-319 LAN NETWORKING & WIFI SYSTEM LAN NETWORKING & WIFI SYSTEM Technical Specifications for Core switch, Distribution switch, Edge switches, Wireless access points, Router etc.,	Technical specifications for the specified items are specific to one make (Ex: Switches & Wi-Fi system- Cisco). In such cases successful bidder shall proceed as per Makes list to meet only the functional requirements. Kindly confirm?	Terms & Conditions of e-Tender prevail.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
99.	Vol.5, Pg 319-332 2. IPABX SYSTEM IPABX SYSTEM Technical Specifications for IPABX & IP Telephones	Technical specifications for the specified items are specific to one make (Ex: IPABX & IP Telephone-Cisco). In such cases successful bidder shall proceed as per Makes list to meet only the functional requirements. Kindly confirm?	Terms & Conditions of e-Tender prevail.
100.	Vol.5, Pg 347 4.2. ACCESS DOOR CONTROLLER Controller level redundancy with Hot Redundant Controller failover without manual intervention.	Controller level redundancy is a proprietary feature of Honeywell building solution. All the other list of makes specified can not comply with the redundancy at controller level. Hence Controller level redundancy not considered. Kindly confirm?	20% spare controllers shall be provided to ensure smooth & uninterrupted functioning of Access control system.
101.	S.No.1 of LV System/ PA System/ CCTV System/ Access Control System/ Door Interlocking System of List of Approved makes of Materials of Chapter-S of List of Approved makes of Materials Door Controller, Card Reader, Biometric Reader, Access Control server Software, Smart card Honeywell / GE / Bosch / HID / Lenel	Kindly include Siemens make also in the List of approved makes.	Terms & Conditions of e-Tender prevail.
102.	Eligibility Criteria NIT-13	For AIIMS Bhatinda and AIIMS Gorakhpur eligibility criteria also included the following additional requirement; 1) Should have satisfactorily completed one completed work of any nature costing not less than the amount equal to Rs.366.70 Cr. comprising construction of RCC framed structure and allied	Terms and conditions of e-tender prevail.

BIDDERS QUERIES

Sl. No.	Description of Clause	Comments / Observations	HITES Reply
		<p>services executed under one agreement in EPC (Turnkey) basis.2) Should have satisfactorily completed one Super- Specialty/ Multi- Specialty Allopathic Hospital Project of minimum 500 beds comprising construction of RCC framed structure including finishing works, water supply and sanitary installations, electrical works, firefighting, LV works and HVAC all composite executed under one agreement. We believe these omission is a typographical error. Kindly look into the same.</p>	
103.	<p>Eligibility Criteria NIT-13 “Similar Work” shall mean construction of Non-Residential and Non- Industrial building Project(s) with minimum one work of at least Five Storey building including work of specialised EandM services of Sub-station and HVAC. For this purpose each basement, stilt constructed with the building shall be construed as a storey. Machine room and mumty shall not be counted as a storey.</p>	<p>We presume that non-residential and non-industrial building projects means Medical College or Hospital projects on Design and Build Basis only.</p>	<p>Terms and conditions of e-tender prevail.</p>
104.	<p>Soil Investigation Report Vol IV DBR - Civil Structures-Pg 33 of 232 However, the data, as per the available</p>	<p>Kindly provide us the Soil Investigation Report done by HITES before and after filling of Earth.</p>	<p>Terms and conditions of e-tender prevail. Refer Clause 2, Geotechnical Investigation under Para 2 of Chapter-B of Design Basis Report- Civil Structures</p>

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	Geo-Technical investigations conducted before the above referred earth filling, is given hereunder for reference/guidance only		
105.	Contour Survey Layout-General	Kindly provide the Topographical Contour survey layout of the entire premises after earth filling.	Terms and conditions of e-tender prevail. Refer Clause 2, Geotechnical Investigation under Para 2 of Chapter-B of Design Basis Report- Civil Structures
106.	Earth Filling-Vol IV DBR - 2.5 Site Analysis-Pg 7 of 232 The proposed site with total area of 189.20 acres (approx.) is a low lying area and is undulating. Out of this total area, the portion of the plot covering the current scope of work which is around 84 acres (approx.) is being filled up with earth by the State Govt. The earth filling is 2.0 meter (approx.) without compaction.	Kindly provide the plot with proper compaction after earth filling. Also we understand that the further earth filling will not be required from the EPC contractor. Kindly confirm.	Terms and conditions of e-tender prevail. Refer the relevant earth filling details given in DBR, Vol-4 at Page No. 04,19 & 44 of Tender document
107.	External Development-Vol VI Tender Drawings-Master Plan - Landscape	Kindly clarify the scope of Work in the balance area shaded in the master plan for future phase.	Terms and conditions of e-tender prevail.
108.	External Development-Vol III SCC 2.3 e.	If the future expansion area to be finished with WBM, Kindly clarify the scope of earth filling in that area.	Terms and conditions of e-tender prevail.

BIDDERS QUERIES

Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	Pg 33 of 112 WBM Road (Jeep Road) in the area covering the scope of Future expansion		
109.	Labour Hutments-Vol III SCC CI 3.7 Pg 41 of 112 The Contractor shall make arrangements at his own expense for labour camp / accommodation for labour and staff to be employed for execution of the work and their conveyance to Site.	We request you to kindly provide the land/space for labour camp within the site premises free of cost.	Terms and conditions of e-tender prevail. Refer Clause 3 ,Site Management of SCC Vol.-3 of tender document
110.	Temporary Structures Vol III SCC CI 3.4-Pg 39 of 112 The Contractor may, at his own expense and subject to the approval of the Engineer-in-charge and statutory authorities, as required, construct temporary structures for its site office, stores; Workshop etc. in the working area allocated to him as above and remove the same on completion of Works	We understand that the temporary space for site office, infrastructure setup, batching plant etc. will be provided within the site premises free of cost. Kindly confirm.	Terms and conditions of e-tender prevail. Refer Clause 3 ,Site Management of SCC Vol.-3 of tender document
111.	Tree Cutting-Vol III SCC CI 1.3.3 m Pg 11 of 112	We would request you to obtain permissions and execute the tree cutting by yourself.	Terms and conditions of e-tender prevail.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	Compliance of Statutory Obligations and obtaining Approvals/ Completion Certificates : tree replantation /....planting trees and relocation of existing trees within campus etc.		
112.	Furniture-DBR Annexure II Pg 8 of 29 Patient room wardrobe, Storages - Office and cabins Full Ht Storage, Over Head and low ht units, Counters with Under counter and overhead Storage as per drawings, Nurse station/ Registration counters	We understand that the furniture scope in hospital is only limited to Wardrobes, Storages and Nurse station/ Registration counters. All other furniture including loose, fixed and medical furniture are not in EPC Contractor's Scope of work. Kindly confirm.	Terms and conditions of e-tender prevail.
113.	Furniture-DBR Annexure II Storages -Stores, Office and cabins Full Ht Storage, Over Head and low ht units	Kindly provide the names of the approved makes for Furniture.	Terms and conditions of e-tender prevail. Refer Details given in Technical Specifications, Vol-5 & Tender Drawings Vol-6 of Tender document.
114.	SOF - Housing Type 2,3,4 and 5 DBR Annexure II-Pg 29 of 29 All Rooms - Wardrobes to be 2100mm ht and 600mm deep and length as per drawing and hanger rod. Complete in all respect.	Kindly confirm if wardrobes are required in all rooms or only in bed rooms.	Terms and conditions of e-tender prevail. Refer Clause 23.2., Scale of Amenities (Minimum)-Civil, given in DBR, Vol-4 and Tender Drawings Vol-6 of Tender Document.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
115.	<p>SOF - Housing</p> <p>Vol IV DBR DBR Annexure II</p> <p>Pg 60 of 232 Pg 28 of 29</p> <p>As per Vol IV DBR, Living Room Drawing/ Dining Room - Low VOC Acrylic washable distemper, All Bedrooms - Low VOC Acrylic washable distemper But As per DBR Annexure II, Living/Dining room - OBD (with Primer coat(s) and Putty).</p>	<p>Shall we follow the Detailed Schedule of Finishes provided in the DBR Annexure II? Kindly confirm.</p>	<p>The finishing shall be with Low VOC Acrylic washable distemper (with Primer coat(s) and Putty).</p>
116.	<p>SOF - OBD above False Ceiling</p> <p>DBR Annexure II</p> <p>OBD paint above false ceiling</p>	<p>We understand this phrase as OBD above false ceiling area in walls and OBD in true ceiling. Kindly confirm.</p>	<p>Terms and conditions of e-tender prevail. Wall/Ceiling Finish above False ceiling area shall be plastered and white wash as per CPWD specifications..</p>
117.	<p>MRI Room (modular cabinet BYMRI vendor))</p> <p>DBR Annexure II-Pg 2 of 29</p>	<p>We understand that in MRI Room, EPC contractor's scope is limited to civil finishes only. Kindly confirm.</p>	<p>Terms and conditions of e-tender prevail.</p>
118.	<p>OT Rooms (modular) (ALL FINISHES BYMODULAR OT VENDOR)</p>	<p>Shall we consider the finishes mentioned in the technical specifications for Modular OT in Vol V tech</p>	<p>Terms and conditions of e-tender prevail.</p>

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	DBR Annexure II-Pg 5 of 29 In DBR Annexure II - OT Rooms (modular) (ALL FINISHES BY MODULAR OT VENDOR)	Specs for Modular Operation Theatres? Kindly confirm.	
119.	Scope - Tentative List of Medical Equipments Vol IV DBR-Pg 207 of 232 Tentative List of Medical Equipments	We understand that all the equipment mentioned in the DBR is for reference purpose only and those Medical Equipments are not to be considered in the Scope of the EPC Contractor. Kindly confirm.	Terms and conditions of e-tender prevail. A Tentative List of Medical Equipment appended at Annexure-I, in Vol-4, of Tender Document is for detailed planning and engineering purpose.
120.	Schedule of Finish - Hospital DBR Annexure II-Pg 2 of 29 In DBR Annexure II - Nurse Station -back wall-(counter top polished granite finish with under and O.H.storage) - WF-PandF	At the back wall of Nurse station (between counter and OH Storage), we assume tile cladding WF-T1. We also assume that other wall finishes will be WF-P5. Kindly confirm. Kindly elaborate the finish legend of WF-PandF.	Terms and conditions of e-tender prevail.
121.	Schedule of Finish - Hospital DBR Annexure II-Pg 8 of 29 In DBR Annexure II - 7th Floor, Server room floor finish is mentioned as FF-T1 450mm Raised floor.	Kindly elaborate the floor finish legend of FF-T1.	Terms and conditions of e-tender prevail. FF-T1 relates to raised flooring
122.	Schedule of Finish - Hospital, Hostel, Guest House, Dining Hall, Auditorium	Kindly provide the finishes of area above false ceiling and true ceiling for the following buildings: Hospital,	Refer Amendment no. 2 above.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	DBR Annexure II...	Hostels, Guest House, Dining Hall and Auditorium.	
123.	<p>Furniture</p> <p>DBR Annexure II-Pg 8 of 29</p> <p>All inpatient Rooms & wards- Wardrobes to be consider 2100mm ht and 600mm deep and length as per tender drawing and hanger rod. Complete in all respect.</p> <p>1) Inbuilt Wardrobe-25mm thk both side 1mm thk laminate</p> <p>2) Free standing wardrobe in rooms should be constructed with 19mm thk Board</p>	Kindly provide the Furniture layout showing wardrobe details for both hospital and Ayush building or Kindly provide the list of Civil amenities required for Hospital & Ayush building	Terms and conditions of e-tender prevail.
124.	<p>Statutory Approvals</p> <p>SCC 1.4 Statutory Approvals-Pg 12 of 112</p> <p>Obtaining NOCs (No Objection Certificates) from Fire Department, Lift Inspector, Storm water drainage & sewerage department, Municipal Corporation / Local Bodies, Civil Aviation, Railways, EIA completion and / or occupancy certificates etc.</p>	Kindly clarify the railways related statutory approvals for this project.	The terms & conditions of e-tender are clear and shall prevail. All required Statutory approvals to be obtained are in the Scope of Contractor, Refer clause 1.4, given on page 7 of SCC, Vol-3 of tender document.
125.	Order of Precedence	In case of discrepancy between Tender drawings & DBR/DBR Annexure, whether we have to follow	Terms and conditions of e-tender prevail. However in case of such

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	<p>GCC-Pg 18 of 110</p> <p>Order of Precedence is given as follows. In the case of discrepancy between the various documents, the following order of preference shall be observed: –a. Master Plan, Concept designs & Tender Drawings along with Design Basis Report (DBR). b. Specific Conditions of Contract. c. General Conditions of Contract, NIT, ITB. d. Technical Specifications.....</p>	tender drawings or DBR. Kindly clarify.	discrepancy Statutory, Industry and Local Standards requirements shall be followed with the approval of Engineer-In-Charge.
126.	<p>Bid Submission date</p> <p>NIT-Page no 4</p> <p>Bid submission date is 29.11.2018 upto 15:00 Hrs.</p>	Considering the nature and magnitude of the tender the time allotted is not sufficient to submit technically competitive and financially comprehensive bid. Hence we request you to extend the bid submission date from 29.11.2018 to 29.12.2018.	Terms and conditions of e-tender prevail.
127.	<p>Proposed Master plan :Service Entry</p> <p>Master Plan-</p> <p>two entry shown in master plan for hospital/medical college and residence ,Tender dwg master plan :190/01/MP/ARCH/100</p>	Is there any requirement to provide service Entry/Exit for hospital and medical college?	Terms and conditions of e-tender prevail.
128.	Tender Drawings	We assume that the given plans are final in terms of footprint , floor plate areas and built up area. Kindly confirm.	Terms and conditions of e-tender prevail. Refer Clause 1.2 (page No.-2 & 3), Vol.-3 SCC of tender document.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
129.	Proposed Master plan :Zoning Concept Vol IV DBR-Pg 13 of 232 The development of the institute, under the present scope of work, is proposed to be taken up in 2 phases for creating infrastructure facilities	Does bidder have option of modifications/revision to master plan and conceptual zoning? kindly clarify.	Terms and conditions of e-tender prevail. Refer Clause 1.2 (page No.-2 & 3), Vol.-3 SCC of tender document.
130.	Proposed Master Plan : Roads Vol V Tender Drawings-	We assume all the peripheral and internal road are complying to local bye-laws and fire fighting regulation. Kindly confirm.	Terms and conditions of e-tender prevail. Refer Clause 1.2 (page No.-2 & 3), Vol.-3 SCC of tender document.
131.	Proposed Master Plan - waterbodies Vol V Tender Drawings	We understand that proposed ponds are to be used for rain water harvesting. Kindly confirm.	Terms and conditions of e-tender prevail. Refer Clause 1.2 (page No.-2 & 3), Vol.-3 SCC of tender document.
132.	Proposed Master Plan :Parking provision	We understand that the parking count statement mentioned in the master plan is complying to NBC 2005 and local BYE laws. Kindly confirm.	Terms and conditions of e-tender prevail.
133.	Hospital Building	The hospital building is segregated into OPD block, IPD block and Surgery block. However, these blocks are interconnected to make a single floor plate. Is each floor compartmentalized based on the NBC norms? kindly confirm.	Terms and conditions of e-tender prevail.
134.	Hospital Building	Is the external ramp indicated in the drawings considered in the Built up Area (BUA)? Please clarify.	Terms and conditions of e-tender prevail.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
135.	<p>Medical and Nursing - First Floor and Second floor</p> <p>Vol-4-DBR-Pg 15 of 232</p> <p>ii. First Floor –</p> <p>a. Medical College: - Department of Pathology, physiology and Microbiology, 250 seater Lecture Hall (1 no.), Boys and Girls common Room, and 160 capacity Examination hall.</p> <p>b. Nursing college: 2 nos. Lecture Halls....</p> <p>iii. Second Floor</p> <p>a. Medical College: – 125 seater Lecture Hall (3 nos.)....</p>	<p>As per the amended MCI Norms-January 2018, the Admin area in the Academic building requires 3 lecture theatres (gallery type) of 120 capacity each and an examination hall of 250 capacity. Currently the plan indicates 3 lecture halls on second floor having capacity of 117,116 and104, respectively and 1 lecture hall of 250 capacity can be converted in to 2 lecture hall to accompany the compliances. Can we increase the examination hall with 160 capacity, which does not comply with MCI? Kindly clarify the following;</p> <ol style="list-style-type: none"> 1. If MCI compliance is mandatory. 2. If yes, kindly identify the location for the 4th Lecture hall and the double height area above all the lecture halls. 	<p>Terms and conditions of e-tender prevail.</p>
136.	<p>Auditorium - First Floor Plan</p> <p>Vol VI Tender Drawings</p>	<p>We assume the number of entry and exit points provided are in compliance with the NBC 2016 requirements. Kindly confirm.</p>	<p>Terms and conditions of e-tender prevail.</p>
137.	<p>Auditorium - Ground Floor Plan</p> <p>Vol VI Tender Drawings</p>	<p>The capacity of the auditorium on the ground floor is shown as 550 seats. Considering Male - female ratio of 60-40, the number of Water closets required as per NBC 2016, in male toilets is 4 nos. whereas in the drawing only 3 nos. of Water closets have been provided. Kindly confirm if this additional number of WC is to be considered.</p>	<p>Terms and conditions of e-tender prevail.</p>

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
138.	Housing Type-II Vol VI Tender Drawings-	As per NBC 2016, a fire tower is required for buildings above 15m height. There is no provision for a fire tower in the plan. Kindly confirm if it has to be considered.	Terms and conditions of e-tender prevail.
139.	Housing Type-III Vol VI Tender Drawings	The kitchen area shows 150 mm sunk in section , kindly clarify why it is required in whole area. Toilets sunk depth is to be specified in plans and section.	Terms and conditions of e-tender prevail.
140.	Housing Type-IV and V Vol VI Tender Drawings	As per NBC 2016, a fire tower is required for buildings above 15m height. There is no provision for a fire tower in the plan. Kindly confirm if it has to be considered. Fire escape door has not been indicated in fire staircase. Kindly confirm if it has to be considered.	Terms and conditions of e-tender prevail.
141.	U.G. Girls Hostel, U.G. Boys Hostel, P.G. Students Hostel Vol VI Tender Drawings	As per NBC 2016, a fire tower is required for buildings above 15m height. There is no provision for a fire tower in the plan. Kindly confirm if it has to be considered.	Terms and conditions of e-tender prevail.
142.	Nurses Hostel Working (G+5) (Working Nurses and student Nurses) Vol VI Tender Drawings	Travel distance between two staircase exceeding above 30mts as per NBC requirement, kindly check. As per NBC 2016, a fire tower is required for buildings above 15m height. There is no provision for a fire tower in the plan. Kindly confirm if it has to be considered.	Terms and conditions of e-tender prevail.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
143.	Guest House Vol VI Tender Drawings	It is G+2 structure and provision of 2 lifts are shown in plans. Kindly check whether it is required or not.	Terms and conditions of e-tender prevail.
144.	General Scope - Future	We are not considering anything in our scope for future expansion areas, shown in the Master Plan layout. Kindly confirm.	Terms and conditions of e-tender prevail.
145.	Solar Photovoltaic Power System Vol IV-DBR-127/229 Direct Online Grid connected Solar Photo Voltaic Power system of suitable capacity shall be provided in the AIIMS complex as per ECBC/NBC 2016. The generated power will be directly connected to the Power grid/Distribution Panel of respective Building/ Block for load sharing during day time. The average area requirement per kWp will be 10 sq. Mtr on roof Top. The total Capacity of Solar Power System to be provided shall be minimum 2.5 % of the Internal Lighting and HVAC Load as per prevalent GRIHA Norms. Solar cables shall be used for interconnection of various equipment like Solar PV Panels, Invertor etc. Solar cables shall be suitable for outdoor installations.	As per the DBR we are only considering 2.5% of total demand load. Kindly Confirm.	Terms & Conditions of e-Tender prevail. The total Capacity of Solar Power System to be provided shall be minimum 2.5 percent of the actual Internal Lighting and HVAC Load as per latest GRIHA norms. The responsibility to obtain minimum 3- Star GRIHA Rating shall rest with EPC agency.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
146.	Residential Type-II	As per Architectural layout, there are 8 flats per floor in Residential building Type 2. However as per the electrical SLD, metering units for 4 flats per floor has been shown. Please confirm how many flats per floor is to be considered.	For Residential Block, Type - II, Architectural Layout shall be followed wherein 8 Flats per floor have been shown. All Services provision including electrical metering units shall be provided in all the flats as per tender documents.
147.	5.3. DG Set For Backup Supply Vol IV-DBR 112 b. UG, PG and Nurses Hostel Blocks, Residential Buildings - (Type-II, III, IV, V) - Following Loads will be on DG Back up supply: i. All Lighting and Fan Load ii. Lifts iii. Water and Fire Fighting pumps iv. Street Lighting v. Emergency Services, if any	For all the residential buildings we are considering DG backup for common areas only. We are not considering DG supply inside the residential flats. Please confirm.	Terms & Conditions of e-Tender prevail.
148.	SCOPE: Online UPS Vol V Tech Specs Per MOT UPS load should be provided minimum 20 KVA with one 20 KVA backup for all OTs and redundancy(n+1) should switch automatically. The battery bank may be common for UPS (eg. For 15 OT, 15x20 =300KVA +20KVA backup and for 2 OT,	As per the tender SLD , all the OT are getting power from centralized UPS outgoing panel. As per technical specifications , we are considering separate 20KVA UPS for each OT with automatic changeover switch. Kindly confirm.	Terms & Conditions of e-Tender prevail. Separate 20 KVA UPS for each MOT shall be provided with redundancy (n+1) and automatic changeover switch.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	2x20KVA +20KVA backup)		
149.	General	Kindly furnish the room wise electrical power matrix of hospital block.	Terms & Conditions of e-Tender prevail. Being EPC Tender, room wise electrical power requirements in Hospital Block as well all other buildings/blocks mentioned in the tender documents, have to be worked out by Bidder considering all required loads.
150.	11 KV HT Metering in SLD AIIMSG/ESS- 2/EL/001 Electrical SLD is showing TVM in the incomer of 11kV HT PANEL of bothe the ESS. There is no separate CT/PT Metering Kiosk	Should we consider additional CT/PT Metering Kiosks for all the incomers of both the ESS . Kindly confirm.	CT/PT for TVM shall be the part of all incomer panels in both ESS. No separate Kiosk is required.
151.	DG incomer in SLD AIIMSG/ESS- 2/EL/001 Electrical SLD is showing DG sets directly connected to Main LT Panels with PLC & SCADA MANAGEMENT & SYNCH. PANEL	We assume that there is no separate DG synchronizing Panel. Main LT Panel will work as DG Sync Panel when there is complete Power Failure & none of the Transformers are working. There will not be any synchronisation between Transformer & DG sets. Please confirm.	Terms & Conditions of e-Tender prevail.
152.	LT PANELS BUSBARS Vol V Tech Specs 16.3.4. BUSBARS &	SLD AIIMSG/ESS- 2/EL/001 shows copper busbar in Main LT Panel. Should we consider Aluminium or Copper Busbars for Main LT Panel. Please confirm.	Terms & Conditions of e-Tender prevail.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	<p>AIIMSG /ESS2 /EL/001-Pg. 176</p> <p>Tech Specs states that : The busbars shall be air insulated and made of high conductivity, high strength aluminum alloy complying with the requirement of IS-5082.</p>		
153.	<p>List of Makes - 11 KV HT Panel with 11kV Vacuum Circuit Breaker (VCB)</p> <p>L&T/ ABB / Schneider/ Siemens or their authorized Channel Partner</p>	It is requested you to add Crompton greaves in the list of Approved Makes	Terms & Conditions of e-Tender prevail.
154.	<p>List of Makes - 33/66 kV HT Panel with 33/66 kV SF6 Breaker</p> <p>L&T/ ABB / Schneider/ Siemens or their authorized Channel Partner</p>	It is requested you to add Crompton greaves in the list of Approved Makes	Terms & Conditions of e-Tender prevail.
155.	<p>List of Makes - 33/66 kV HT Panel with 33/66 kV Vacuum Circuit Breaker (VCB)</p> <p>L&T/ ABB / Schneider/ Siemens or their authorized Channel Partner</p>	It is requested you to add Crompton greaves in the list of Approved Makes	Terms & Conditions of e-Tender prevail.
156.	<p>List of Makes - Bus Duct - Sandwich</p> <p>L&T/ Schneider/ C&S/ Godrej/ Legrand/ EAE</p>	It is requested you to add ADVANCE in the list of Approved Makes	Terms & Conditions of e-Tender prevail.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
157.	List of Makes -Bus trunking , rising mains, end feed unit, top-off box (plug-in type) L&T/ Schneider/ C&S/ Godrej /Legrand/ EAE	It is requested you to add ADVANCE in the list of Approved Makes	Terms & Conditions of e-Tender prevail.
158.	Fire Alarm system FIRE SLD.PDF	Only MCP's and hooters shall be considered in hostel, director's residence and residential buildings as per SLD Drawings. Kindly confirm.	Terms & Conditions of e-Tender prevail The Bidder shall assess at their end and make provisions as per functional & statutory requirements in all buildings & blocks mentioned in the tender documents..
159.	Fire Alarm system FIRE SLD.PDF	Detectors with MCP's and hooters shall be considered in Hospital, Ayush, Medical college, Auditorium, Dining Hall, Guest House, Night shelter, Mortuary, Fire station, Waste Management Block, Laundry, Shopping complex as per SLD drawing. Kindly confirm.	Terms & Conditions of e-Tender prevail The Bidder shall assess at their end and make provisions as per functional & statutory requirements in all buildings & blocks mentioned in the tender documents..
160.	Fire Alarm system Vol IV - DBR- 9.4 -122 Location of Main FAS Panel : The monitoring of whole complex shall be in the Main Fire Control Room of Hospital Building. For Central Monitoring of all the Fire Panels, necessary devices like PC, Printer, modules and Software etc.	Graphic software with workstation and printer is considered only in fire control room of hospital building. Kindly Confirm.	Terms & Conditions of e-Tender prevail.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	of latest technology with minimum 1 TB hard disk shall be provided in the Control room. Fire Alarm control Panel shall not have more than 159 devices and 159 detectors in one loop		
161.	<p>Fire Fighters Telephone Jack</p> <p>Vol IV DBR:9.4. Fire Detection / Alarm System: point L</p> <p>126 out of 232</p> <p>Two Way communication Fire Fighters Telephone Jack and Handset with necessary accessories are to be provided in all the buildings as required.</p>	Two way communication fire fighters telephone jack shall be considered in Hospital, Ayush, Medical college, Auditorium, Dining Hall, Guest House, Night shelter, Mortuary, Fire Station, Waste Management Block, Laundry and Shopping complex .Kindly confirm.	<p>Terms & Conditions of e-Tender prevail.</p> <p>Two Way communication Fire Fighters Telephone Jack and Handset with necessary accessories are to be provided in all the buildings to meet functional & statutory requirements.</p>
162.	<p>Fire Alarm system</p> <p>Vol IV - DBR- 9.4 -122</p> <p>Detector</p>	Intelligent photoelectric smoke detector shall be provided in all area. Heat detectors shall be provided kitchen/ pantry area. Multisensor shall be provided in critical area like server room, electrical room, UPS room etc. Kindly confirm.	Terms & Conditions of e-Tender prevail.
163.	<p>Fire Alarm system</p> <p>Vol-V: Tech Specs-281</p> <p>FAS Cable : Cabling shall be with Fire Survival Armoured copper cable.</p>	2 core 1.5 mm ² , copper, PVC insulated, twisted, screened fire survival armored cable is considered for FAS , it shall be laid without conduit. Kindly Confirm.	<p>Terms & Conditions of e-Tender prevail.</p> <p>For Fire Alarm System, fire survival armored copper cable shall be laid without conduits. However, fire survival flexible copper cable shall be laid in MS conduits.</p>

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
164.	Fire Alarm system	2 core 1.5 mm ² , copper, PVC insulated, twisted, screened flexible cable in concealed MS conduits has been considered. Kindly confirm.	Terms & Conditions of e-Tender prevail. For Fire Alarm System, fire survival armored copper cable shall be laid without conduits. However, fire survival flexible copper cable shall be laid in MS conduits.
165.	Fire Alarm system Vol-V: Tech Specs-282 FAS - Printer	We shall consider 24 character built in printer or A4 B/W Dot Matrix/ laser Jet printer. Please confirm.	Terms & Conditions of e-Tender prevail.
166.	Fire Alarm system Vol-V: Tech Specs-287 The intelligent multi sensor Intelliquad detector shall be an addressable device that is designed to monitor a minimum of photoelectric, thermal technologies, carbon monoxide and infrared in a single sensing device	Intelligent multi sensor intelliquad detector (photoelectric, thermal technologies, carbon monoxide and infrared) shall not be considered in fire alarm system. Kindly confirm.	Terms & Conditions of e-Tender prevail.
167.	Public Address system Vol IV - DBR- 9.5 -123 PA Cable : Wiring shall be done with twin twisted tinned copper industrial armored speaker cable.	2 core 1.5 mm ² , copper, PVC insulated, twisted, armoured cable is considered for PA , it shall be laid without conduit. Kindly Confirm.	Terms & Conditions of e-Tender prevail. For Public Address System, copper armoured cable shall be laid without conduits. However, flexible copper cable shall be laid in MS conduits.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
168.	Public Address system- Fire alarm system and PA System integration	PA system trigger by FAS by control module in case of fire for automatic evacuation messages has been considered. Kindly confirm.	Terms & Conditions of e-Tender prevail PA system triggered by FAS by control module in case of fire for automatic evacuation messages, shall be provided..
169.	Public Address system - Location of call station / Mic	Kindly provide the location of call station.	Terms & Conditions of e-Tender prevail. Being EPC Tender, location of call station/Mic shall be worked out by Bidder as per functional & statutory requirements.
170.	Public Address system Vol-V: Tech Specs-293 The amplifier monitoring and changeover facility shall be incorporated with the power amplifier. The changeover relays shall be integrated with the standby unit. In case of failure of any working amplifier, the standby amplifier shall automatically come in the circuit.	We shall consider N+1 amplifier redundancy. Please confirm.	Terms & Conditions of e-Tender prevail.
171.	Public address system PA SLD.PDF	Public address system shall be considered in Hospital building, Nursing college, Ayush Block and Auditorium as per drawings. Please confirm.	Public address system shall be considered in Hospital building, Medical & Nursing college, Ayush Block and Auditorium as well as Residential/Hostel buildings as per NBC 2016 & other

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
			statutory norms as applicable.
172.	Access Control system ACCESS CONTROL SYSTEM.PDF	Access control system shall be considered in Hospital, Nursing college and Ayush Block as per the SLD. Please confirm.	Terms & Conditions of e-Tender prevail.
173.	Access Control system Vol IV - DBR- 9.7 -125 The system will be capable to record the biometric attendance of the authorized personnel and the records will be stored in server.	Please mention the locations of biometric reader.	Terms & Conditions of e-Tender prevail. Being EPC Tender, location of Biometric Readers for Access Control System shall be worked out by Bidder as per functional & statutory requirements.
174.	Access Control system ACCESS CONTROL SYSTEM.PDF	Number of access reader shall be considered as per SLD drawing. Kindly confirm.	Terms & Conditions of e-Tender prevail The Bidder shall assess at their end and make provisions as per functional & statutory requirements in all buildings & blocks mentioned in the tender documents..
175.	Access Control system Access Door Logic	Reader shall be provided at entry to restricted area and push button shall be provided at exit to same area. Kindly confirm.	Terms & Conditions of e-Tender prevail.
176.	Access Control system Access control Workstation with software location	Kindly provide the Location of access control workstation with software.	Terms & Conditions of e-Tender prevail.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
177.	Access Control system Nos. of Access cards	Kindly provide the nos. of access blank cards for project.	Terms & Conditions of e-Tender prevail. Being EPC Tender, No. of Access blank cards for Access Control System shall be worked out by the Bidder as per functional & statutory requirements.
178.	Access Control system Vol-V: Tech Spec-345 The Access Management Software shall be able to track a guard through defined tours of a building or facility using a Guard Tour. Guard Tours can be programmed using any logical combination of card readers and input points as tour checkpoints. At each point along the tour, it shall be possible to switch cameras, disable alarms, or toggle lights.	We shall not consider any guard tour system for this project. kindly confirm.	Terms & Conditions of e-Tender prevail. Guard Tour system is not required in Access Control system.
179.	Access Control system Vol-V: Tech Specs-348 Boom Barrier: The security guard at each Entry and Exit Gate shall have the access/ control of the boom barrier. The push button will be installed in the security guard room at Entry and Exits.	Entry and exit shall be considered with boom barrier and same shall be operate through push button. Please confirm.	Terms & Conditions of e-Tender prevail.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
180.	CCTV system Vol-V: Tech Specs-332 The video management server should have minimum 30 days storing capacity	Storage capacity for CCTV recording shall be calculated at H.264, 720P, 15 fps, for 30 days. Kindly confirm.	Terms & Conditions of e-Tender prevail.
181.	CCTV system Vol-V: Tech Specs-335 The system shall provide for integration with other software applications through an open and published Application Programming Interface (API). Such applications shall include, but not be limited to, access control, video analytics, and other alarm and sensor inputs	Proposed VMS shall support other software application. But we have not considered any other alarm sensor. Kindly confirm.	Terms & Conditions of e-Tender prevail.
182.	CCTV system- Vol-V: Tech Specs-337 Analytic features	Please advice no. of camera required. Shall the camera be video analytic?	Terms & Conditions of e-Tender prevail. Being EPC Tender, No. of cameras for CCTV System shall be worked out by Bidder as per functional & statutory requirements.
183.	CCTV system Vol-V: Tech Specs-338 ANPR and facial detection from the same OEM	Please advice ANPR camera location.	Terms & Conditions of e-Tender prevail. Being EPC Tender, location of ANPR cameras for CCTV System shall be worked out by Bidder as per functional & statutory requirements.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
184.	CCTV system Vol-V: Tech Specs-338 CCTV	Please advice if CCTV system shall be server based or NVR based.	Terms & Conditions of e-Tender prevail CCTV System shall be server based..
185.	CCTV system Vol-V: Tech Specs-338 The VMS should support redundancy in 1:1, N:1 and 1:N forms.	VMS shall support redundancy but we are not considering any server redundancy for CCTV system. Kindly confirm.	Terms & Conditions of e-Tender prevail. VMS Server redundancy shall be provided as functional & statutory requirements.
186.	Hospital Management and Information System (HMIS) Vol IV - DBR- 9.8-125 For HMIS, required wire/cable network with copper cables/CAT6A/Optical fiber cable shall only be provided. Required wire/cable network for HMIS shall be provided considering Q-Management and all aspects of HMIS. As HMIS is user specific tool, Software/Hardware for HMIS shall be separately dealt as the same is not being considered in this proposal.	HMIS (software/ hardware/ any active components) shall not be considered in scope of the EPC contractor. Kindly Confirm .	Terms & Conditions of e-Tender prevail.
187.	MATV Vol IV DBR:9.9-125	As DBR MATV shall be provided in the Hospital, Medical and Nursing College, Ayush Block, Guest House and individual dish antenna TV for Hostels. MATV / dish antenna TV shall not be provided in the	MATV / dish antenna TV along with LED monitor shall be provided in the Office of Director's Residence, Dharamshala/Night Shelter Block,

BIDDERS QUERIES

Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	The system shall include supply and installation of Centralized MATV System in various areas like Hospital, Medical and Nursing College, AYUSH Blocks, Guest House and individual dish antenna TV for Hostels as directed by Engineer-In-Charge. The system comprises of a shared coaxial cable network that transmits analog television signals to downstream subscribers.	Residential Building, Auditorium, Director's Residence, Dharamshala Block and Dining Block. Kindly confirm.	Cafeteria and Dining Block also in addition to Hospital, Medical and Nursing College, AYUSH Blocks, Guest House and individual dish antenna TV for Hostels.
188.	MATV Vol IV DBR:9.9-126 The provision of LED monitors shall not be made in Residential apartment in complex. The scope shall be limited to supply and installation of MATV wiring with outlet sockets as per CPWD specifications.	LED monitor provision shall be provided only in Hospital, Medical and Nursing college, Ayush Block and Hostel Buildings. Please confirm	MATV / dish antenna TV along with LED monitor shall be provided in the Office room of Director's Residence, Dharamshala/Night Shelter Block, Cafeteria and Dining Block also in addition to Hospital, Medical and Nursing College, AYUSH Blocks, Guest House and individual dish antenna TV for Hostels.
189.	MATV MATV	Headend equipments like antenna, distribution amplifier, LCD/ LED display shall not be considered. Kindly Confirm.	Headend equipments like antenna, distribution amplifier, LCD/ LED display shall be provided to meet functional requirements as per tender documents.
190.	Information Display System Vol IV DBR: 9.16-133 Information Display System (Digital	Display LED screen shall be provided in reception, waiting and lobby areas of OPD and IPD only for only hospital building. Kindly Confirm.	Terms & Conditions of e-Tender prevail.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	Signage Solution) shall be provided for OPD, Hospital, AYUSH Buildings and office area in Director Residence.		
191.	Display TV	Only one number of display TV shall be considered in office room of director residence. Please confirm.	Terms & Conditions of e-Tender prevail Being EPC Tender, No. of TV Monitors in office room of Director Residence shall be worked out by Bidder as per functional requirements.
192.	Nurse Calling System Vol-V: Tech Specs-351 It is proposed that Hospital Building shall be provided with a –IP based Nurse Call System. The System shall be approved in accordance with VDE guidelines/ international guidelines. It is proposed that Nurse Call System shall be provided for all Beds with Speech facility and without Speech facility.	Kindly provide locations where we have to provide patient handset without voice facility and patient handset with voice facility.	Terms & Conditions of e-Tender prevail. Refer Clause 9.15(Page No.-131), Vol.-4, DBR which states that: <i>The Nurse Call System with voice/speech facility shall be provided for Single Bed/ Double Bed/Deluxe Suite/ Super Deluxe Suite rooms. The other wards shall be provided with nurse call system without voice/speech facility.</i>
193.	Nurse Calling System Vol IV DBR: 9.16-132 Doctor Call and Cancel Button : Each bed/ ward shall have code blue button (Doctor Call).	It shall be considered for each bed. Kindly confirm.	Terms & Conditions of e-Tender prevail.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
194.	Nurse Calling System Vol IV DBR: 9.16-132 Pull cord Button for room/ ward toilet with shower/ bath facility.	Pull cord shall be considered at patient bath and WC area only. Kindly Confirm.	Terms & Conditions of e-Tender prevail.
195.	Audio Video System Vol-V: Tech Specs-372 Video Wall	Please advice the video wall scope and their locations.	Terms & Conditions of e-Tender prevail. Refer Clause 9.16(Page No.-134), Vol.-4, DBR which states that: <i>Video wall Matrix system of Minimum 9 units of 46"/43" ultra thin professional LED Monitors shall be provided in the OPD block entrance area.</i>
196.	Audio Video System Audio Video System	Kindly provide the schematic drawings for our better understanding.	Terms & Conditions of e-Tender prevail. Being EPC Tender, the quantities of required items and other provisions for Audio Video system shall be assessed by Bidder to meet functional requirements as per tender documents
197.	BMS Vol IV DBR-187 BMS I/O Summary : PARAMETERS TO BE CONTROLLED/MONITORED WITH IBMS	IO summary given in the DBR shall be considered for this project. Kindly confirm.	Terms & Conditions of e-Tender prevail.
198.	Computer / LAN Networking/ Wi-Fi	Only RJ-45 points shall be provided for the Wi-Fi in the hostel corridors. AP Wi-Fi routers shall not be	Terms & Conditions of e-Tender prevail.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	Points Vol IV DBR: 9.16-59 Wi-Fi	considered in the hostels. Kindly confirm.	Wi-Fi routers shall be provided along with Wi-Fi points for all location as specified in Tender documents.
199.	Computer / LAN Networking/ Wi-Fi Points Vol IV DBR: 9.2-121 The Data Outlet points shall be connected to Rack Panel/Computer hub with 4 pair CAT-6a wiring	Cat6 A cable shall be used only for data-Wi-Fi and telephone whereas cat6 cable shall be used for other ELV systems like CCTV, ACS, BMS, etc. Kindly confirm.	Terms & Conditions of e-Tender prevail. CAT 6a wire/cable shall be provided for all ELV components/systems.
200.	Computer / LAN Networking/ Wi-Fi Points Vol IV DBR: 9.16-59 Wi-Fi	We shall consider WI-FI points only in Hospital Block, Medical Collage, Ayush, Nursing college and Hostel buildings as per scale of amenities summary. Kindly confirm.	Terms & Conditions of e-Tender prevail. Wi-Fi routers shall be provided along with Wi-Fi points for all locations as specified in Tender documents.
201.	Computer / LAN Networking/ Wi-Fi Points Vol-V: Tech Specs-317 Wireless Outdoor Access Points	We shall not consider any Wi-Fi access point on outdoor. Please confirm.	Terms & Conditions of e-Tender prevail. Wi-Fi routers shall be provided along with Wi-Fi points for all location as specified in Tender documents.
202.	Scope Clarification	Following systems shall not be considered. Please confirm: i. OT Navigation system ii. Virtual class room	Terms & Conditions of e-Tender prevail.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
		iii. UVSS, HHMD and DFMD and X-Ray Baggage Scanner iv. Queue Management system v. OT Navigation System vi. Aspiration System	
203.	Public address system Public address system	Please advice if central control room is required for Public Address System.	Terms & Conditions of e-Tender prevail. For Public Address System, copper armoured cable shall be laid without conduits. However, flexible copper cable shall be laid in MS conduits.
204.	Public address system Public address system	Please advice which one is required: Centralized or decentralized PA system.	Terms & Conditions of e-Tender prevail.
205.	Public address system Public address system	Please specify the number and location of the calling points required to be considered.	Terms & Conditions of e-Tender prevail. Being EPC Tender, location of calling points shall be worked out by Bidder as per functional & statutory requirements.
206.	Audio Video System Audio Video System	Kindly share detailed room wise requirement and functionality as it is not specifically provided.	Terms & Conditions of e-Tender prevail. Being EPC Tender, location of Audio video system shall be worked out by Bidder as per functional & statutory requirements.
207.	External storm water pipe MOC	We are considering NP3 only in the road crossing,	Terms and conditions of e-tender prevail.NP3 RCC Pipes shall be

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	<p>DBR_D._Plumbing_4.3</p> <p>67</p> <p>The network system from 1st manhole onwards shall be NP2/NP3 pipes as required.</p>	<p>otherwise RCC NP2 will be provided. Please confirm.</p>	<p>provided for road crossing/ pipes below road and all remaining pipes shall be NP2 Class.</p>
208.	<p>External sewer drainage pipe MOC</p> <p>DBR_D._Plumbing_4.5-67</p> <p>From 1st manhole till STP, pipe shall be of RCC.</p>	<p>We are considering NP3 only in the road crossing, otherwise RCC NP2 will be provided. Please confirm.</p>	<p>Terms and conditions of e-tender prevail.</p> <p>NP3 RCC Pipes shall be provided for road crossing/ pipes below road and all remaining pipes shall be NP2 Class.</p>
209.	<p>Basin pillar cock - type</p> <p>DBR_D._Plumbing_5.1.1._ii-67</p> <p>Lavatory Basins available in all size and shapes including wall hung, over or under counter types etc. with infra-red sensor as per IS: 2256 (Part 7) 1995.</p>	<p>Do we have to consider the infra-red sensor operated pillar tap for all wash basins, or only in medical college and Hospital? We are proposing, sensor operated taps only in the Hospital and Medical college and Auditorium and pillar cock and single lever mixer / single lever pillar cock in the other buildings (like residential, hostels etc.). Please confirm.</p>	<p>Terms and conditions of e-tender prevail and also follow SI No: 6 of Amendment under Corrigendum-02.</p>
210.	<p>Basin pillar cock - type</p> <p>DBR_D._Plumbing_5.1.1._ii-67</p> <p>Lavatory Basins available in all size and shapes including wall hung, over or under counter types etc. with infra-red sensor as per IS: 2256 (Part 7) 1995.</p>	<p>For basin mixer, we are proposing single lever basin mixers. Kindly confirm.</p>	<p>Terms and conditions of e-tender prevail.</p>

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
211.	Basin pillar cock - type DBR_D._Plumbing_5.1.1._ii-67 Lavatory Basins available in all size and shapes including wall hung, over or under counter types etc. with infra-red sensor as per IS: 2256 (Part 7) 1995.	Kindly specify the areas, where the elbow operated basin mixers/ taps to be considered for wash basins, if any.	Terms and conditions of e-tender prevail.
212.	Urinal flushing- type DBR_D._Plumbing_5.1.1._ii-67 Urinals shall be provided with Infra-red sensor battery operated as per IS: 2556 part.	We are proposing, pressmatic type of urinals in the residential buildings. In hospital, medical college and auditorium sensor operated flushing will be considered. Please confirm.	Terms and conditions of e-tender prevail.
213.	Vent pipe MOC DBR_D._Plumbing_5.1.3-68 Pipes used for Soil, Waste and Vent system shall be Hubless centrifugal cast (Span) iron pipes epoxy coated in-sides and out-side as per IS: 15905 .	We are proposing, uPVC SWR type A for vent pipe. Please confirm.	Terms and conditions of e-tender prevail.
214.	Storm water drainage DBR_D._Plumbing_7.1 69 collection chambers and shall be taken	We understand that on the roads side, we have to consider the drain channel with perforated RCC cover for storm water drainage. Collection chambers and pipe network will be used only for the connection to terrace water into the channel. Kindly confirm.	Terms and conditions of e-tender prevail.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	through the internal rain water system (RCC Pipe) and ultimately connected to the main storm-water open drainage system along the periphery and finally dispose to Local Municipal Drain.		
215.	<p>Rain Water harvesting</p> <p>DBR_D._Plumbing_7.1</p> <p>69</p> <p>Since the sub-soil water table is around 1.0 metre below the existing NGL (without filling) , the rain water harvesting system is not proposed and the storm water from the main storm drain of the campus shall be discharged in the Storm water drain system of Local Municipal Authorities.</p>	Presently, We are not considering any type of rain water harvesting in our scope of work. Please confirm.	Terms and conditions of e-tender prevail.
216.	<p>Storm water drainage</p> <p>DBR_D._Plumbing_7.2</p> <p>69</p> <p>The complete campus storm water drainage system for AIIMS Guwahati designed with RCC pipes, RCC open drain with cover system, clay brick masonry chambers and manholes etc.</p>	This is contradictory statement, earlier it is stated to have drain channel but in this clause it is written to consider RCC pipe with collection chambers. Kindly specify which type is to be considered. We are considering drain channel with perforated cover. Please confirm.	Terms and conditions of e-tender prevail. The perforated covers as per design requirements shall be provided for RCC open drains.

BIDDERS QUERIES

Sl. No.	Description of Clause	Comments / Observations	HITES Reply
217.	Irrigation DBR_D._Plumbing_8 70 Gardens and lawns shall be irrigated in combination of Garden Hydrant System and Sprinkler Irrigation System.	Do we have to consider garden hydrant system and sprinkler system both for entire landscape area as a redundancy ? Please specify.	Terms and conditions of e-tender prevail.
218.	Irrigation DBR_D._Plumbing_8 70 Gardens and lawns shall be irrigated in combination of Garden Hydrant System and Sprinkler Irrigation System.	We are considering manually operated irrigation pump and not hydropneumatic. Kindly confirm.	Terms and conditions of e-tender prevail.
219.	Future expansion area - storm drainage DBR_D._Plumbing_10 71 The rain water drainage system in the area covering the future scope of construction shall be collected in the open collection tanks and shall be pumped out to designated location in the Local Municipal Authority Drain.	Please clarify the scope in detail related to the drainage (storm water) of the future development areas.	Terms and conditions of e-tender prevail.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
220.	UG storage DBR_D._Plumbing_11 71 The storage capacity of Underground water tanks shall be equal to minimum one day requirement in the case of Raw/ Domestic/ Flushing /Soft Water Tank/ Irrigation Water Tank.	We are considering in total 1 day storage in UG for domestic (i.e. 0.5 in raw and 0.5 in domestic i.e. treated) instead of having 1-1 day storage in both the tanks. Please confirm.	Terms & conditions of e-Tender prevail. Please refer clause 4.6 of DBR Page No. 79/80/81 wherein Tank Sizes have been provided.
221.	Hot water system in Hospital DBR_F._Water Treatment Plant_2 75 Hot Water System (Standalone building wise Air to Water Heat Pump for Hospital Building terrace. Energy Efficient BEE min. 3 star rated Geysers for balance blocks)	Please specify the location of heat pump to be considered in hospital block. It should be on terrace of any place at ground floor, as hydropneumatic system is proposed for hot water transfer. Please confirm.	Terms & conditions of e-tender prevail.
222.	Rain Water harvesting DBR_F._Water Treatment Plant_3 75 Dispose roof run-off and surface water flows into the proposed harvesting Pits which will help in ground water	As stated in previous queries, it is very clear that rain water harvesting is not to be considered due to of high ground water table. Hence we are not considering rain water harvesting pits in our scope of work. Kindly confirm.	The run off and surface water shall be disposed off through storm water drains as per design requirements.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	recharge.		
223.	<p>Source of Water</p> <p>DBR_F._Water Treatment Plant_4.2</p> <p>78</p> <p>The main sources of raw water are from the Municipal Supply/Bore wells</p>	<p>We understand that the main source of water is municipal supply only. However 10 number of proposed bore wells are just for supplementary provisions. Kindly confirm.</p>	<p>Terms and conditions of e-tender prevail.</p>
224.	<p>Water estimation</p> <p>DBR_F._Water Treatment Plant_4.5</p> <p>79</p> <p>As per the estimated population and water demand norms discussed above, Total water demand has been estimated as 1545 KLD, out of which domestic water demand is 740 KLD, Flushing demand is 280 KLD, Make up water for Cooling Tower for HVAC and DG sets is 340 KLD, and Gardening is 185 KLD.</p>	<p>Kindly share the water consumption data sheet (detailed sheet), if available for our reference.</p>	<p>Terms & conditions of e-Tender shall prevail</p> <p>Detailed calculation needs to be worked out by the EPC Contractor as per design requirements w.r.t actual water demand for various buildings and in line with contractual provisions..</p> <p>.</p>
225.	<p>Booster pump</p> <p>DBR_F._Water Treatment Plant_4.6</p> <p>80</p> <p>Booster Pumps for top 2 floors shall be</p>	<p>We are considering the booster pump for top 2 floors only in the residential buildings and hostel buildings, in rest of the buildings the same will not be considered. Please confirm.</p>	<p>All the buildings shall have booster pumps for (Top 2 Floors) for domestic water supply except Hospital, as the complete Hospital is being supplied by Hydro-pneumatic system feeding directly to individual water supply</p>

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	considered for maintaining requisite pressure.		points.
226.	Booster pump DBR_F._Water Treatment Plant_4.6 80 Booster Pumps for top 2 floors shall be considered for maintaining requisite pressure.	The booster pump will be considered only for domestic water supply, it won't be considered for flushing, hot etc. .water supply. Please confirm.	Terms & conditions of e-tender prevail Please refer page no. 80 of DBR which clearly elaborates about the scheme to be adopted..
227.	RO water supply pipe - MOC DBR_G. RO plant 83-84	Kindly specify the MOC of RO water supply. We are considering SS 304 for same. Kindly confirm.	Terms & conditions of e-tender prevail Please refer Page no. 83 of DBR for RO scheme,MOC etc..
228.	RO Reject DBR_G. RO plant_2 84 The waste rejected water from RO will be discharged to STP.	This is not advisable, the same shall be discharged directly into the external storm drainage. Kindly confirm.	It shall be dealt as per statutory requirements.
229.	Hot Water Supply in Hospital	We are considering that the hot water shall be supplied in the showers, pantry sinks, and wash basins of only the private toilets / staff toilets / individual wash basins, i.e. the hot water will not be supplied to the wash basins of common toilet / ward toilets /	Terms & conditions of e-tender prevail. Refer Page no.91 of DBR wherein it is mentioned that hot water needs to be supplied to showers, pantry sinks, and wash basins etc. of complete Hospital

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
		public toilets etc. Kindly confirm.	Building.
230.	Hot Water Supply in Medical college	We are considering hot water supply only in the pantry kitchen through the geysers. Kindly confirm.	Terms & conditions of e-tender prevail Refer Page no.90-91 of DBR wherein it is mentioned that "Preheated water from solar Hot Water generator shall feed to geyser and shall be supplied to entire buildings including Kitchen/Toilets etc".
231.	Hot Water Supply in Residential	We are considering the hot water supply in the pantry, kitchen sink, showers and wash basins of only the private toilet. The common toilet's wash basins will not have hot water supply. Please confirm.	Preheated water from solar Hot water Generator shall be fed to geyser and shall be supplied to entire building including Kitchen/Toilets etc
232.	Hot Water Recirculation	We are considering hot water recirculation only in the hospital. For other buildings, since we are using the geyser, we are not considering hot water recirculation. Please confirm.	Hot water recirculation system shall be provided for Hospital & Laundry Buildings. EPC Contractor to ensure that for other buildings, uniform pressure is maintained for both Hot & Cold water supply for proper mixing purpose.
233.	Supply of geysers.	Do we have to supply and install the geysers in all other buildings or we have to just consider the provision of geysers? Please specify.	Terms & conditions of e-tender prevail. Please refer Point no. 2 of Page no. 90 of DBR. Geysers are to be provided and install as per the scope of EPC

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
			Contractor
234.	Solar Hot Water system	Do we have to consider the solar hot water system for pre heat in all buildings or we can give 100% solar with electrical backup in the hostels (without individual geyser, rest all buildings will have only geysers)? Please confirm.	Terms & conditions of e-tender prevail. Please refer Page no.90-91 of DBR.
235.	Solar Hot Water system	As we are using the solar only for pre heat, we are not considering electrical backup for same. Kindly confirm.	Please refer Page no.90-91 of DBR. Terms & conditions of e-tender prevail.
236.	STP Location Drawing : - 199/01/MP/ARCH/100	Both the STPs are planned in one location. Can we shift the STP 2 for cluster 2 in somewhere near to the residential block? Please confirm.	Terms and conditions of e-tender prevail.
237.	Municipal services location	Please provide the drawing indicating location of existing services (municipal storm/ water supply/ sewerage line) available on site. Please confirm.	It lies in the scope of EPC Contractor.
238.	Water Body	Presently, we are not considering any type water body/ fountain in our scope of work. Kindly confirm.	Terms and conditions of e-tender prevail.
239.	LPG Gas System	Presently, we are not considering any LPG gas bank/ manifold and distribution system in our scope of work. Please confirm.	Terms and conditions of e-tender prevail.
240.	LPG Gas System	If LPG gas system is to be considered, then please specify the buildings in which the pipe line gas is supposed to be provided.	Terms and conditions of e-tender prevail.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
241	<p>Health Faucet</p> <p>Technical Specification_ChapterC_2.3</p> <p>99</p> <p>A chromium plated spray with integral hand control valve and connected to a flexible pipe and angle valve with wall flange and hook are fixed as directed by the Engineer-in-charge.</p>	<p>We understand that the health faucet is to be provided with angle valve. Hence the two way bib cock will not be provided near to EWC. Please confirm.</p>	<p>Terms and conditions of e-tender prevail.</p>
242	<p>Wash basin Tap</p> <p>Technical Specification_ChapterC_2.4</p> <p>99</p> <p>Each basin shall be provided with a single tap a hot and cold Brass CP mixer with or without pop up waste fittings, 32 mm dia. CP cast brass bottle trap with outlet pipe and wall flange.</p>	<p>Wash basin with mixer shall be provided only where the hot and cold both are supplied. The wash basins where only cold water is supplied, mixer will not be provided. Please confirm.</p>	<p>Terms and conditions of e-tender prevail.</p>
243	<p>Floor Trap</p> <p>Technical Specification_ChapterC_3.4</p> <p>102</p> <p>Floor traps shall be siphon type full bore P or S type Polypropylene having a</p>	<p>In the sunken toilet, we will be using the multi inlet floor trap instead of P trap with additional inlet fitting. Please confirm.</p>	<p>Terms and conditions of e-tender prevail.</p>

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	minimum 50 mm deep seal		
244.	Polypropylene pipe for drainage Technical Specification_ChapterC_3.7 103 Polypropylene pipe for drainage	We are considering hubless cast iron for soil and waste pipe in all the buildings (as stated in the DBR). We are not considering polypropylene pipe for drainage as stated in the indicated clause anywhere in the project. Please confirm.	Terms and conditions of e-tender prevail.
245.	SS - 316 pipe Technical Specification_ChapterC_4.4 105 SS 316 pipe shall be provided in labs and specific water supply requirements.	We are using SS-304 pipes only for RO water supply in the hospital building (to the critical areas like OT scrub etc.). For cold and Hot water supply we are using CPVC pipes inside the building and GI B Class for exposed water supply. Kindly confirm.	Terms and Conditions of e-Tender shall prevail For RO Pipes, please refer Page no. 83 of DBR.
246.	Hand Dryer	Do we have to consider the supply of hand dryer in our scope of work ? If yes, then we will consider only in the common toilet of Hospital, medical college and Auditorium. Please confirm and specify if any other toilets to be considered.	Terms and conditions of e-tender prevail. Approved make hand driers are to be provided as defined in the DBR, Vol-4 & Technical Specification, Vol-5 of Tender document.
247.	Softener in WTP AIIMSG//PL/SLD/001	In the drawing, softener is shown in the WTP plants. We are considering softener only for HVAC soft water requirement (that will be placed in the STP area). Presently we are considering only activated carbon filter and multi grade filter in WTP (for domestic water), softener is not considered. Kindly	EPC Contractor shall ensure that the output treated water parameters mentioned in the DBR needs to be strictly adhered to. For achieving the same, required equipment shall be provided by EPC

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
		confirm.	Contractor.
248.	Irrigation - Site layout AIIMSG/PL/WS/001	As per site plan, for irrigation only garden hydrant is shown. Please specify if sprinkler system is also to be considered. Presently, we are considering only garden hydrant system (no sprinkler system) in our scope of work. Please confirm.	Terms & conditions of e-tender shall prevail.
249.	Fire pumps type DBR_J._Fire fighting system_3.f. 95 Horizontally mounted end suction single/multi stage, single/multi outlet energy efficient centrifugal pump	We are understanding that the main fire pump (electrical driven) will be end suction pump. However the type of diesel pump is not specified. We are considering split casing pump for diesel engine driven pump. Kindly confirm.	Terms & conditions of e-tender shall prevail. Please refer Page no. 95 of DBR.
250.	Pressure vessels for pumps DBR_J._Fire fighting system_3.f. 96 Pressure vessels shall be provided with all the terrace pumps and at plant room also.	As per best industrial practice, pressure vessel is provided only in the pump room near to UGT. For booster pump at terrace, pressure vessel is not required due to of smaller capacity pumps. Hence, we are considering pressure vessel only at plant room. Kindly confirm.	Terms & conditions of e-tender shall prevail.
251.	Air cushion tanks for risers DBR_J._Fire fighting system_3.f. 97	As per best industrial practice, air cushion tanks are not required for sprinkler system, hence we are considering air cushion tanks only for the hydrant wet riser system, however, the sprinkler risers will have only air release valve without air cushion tank. Kindly	Terms & conditions of e-tender shall prevail.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	Air cushion tanks with air release valves needs to be provided for all risers of sprinkler/hydrant.	confirm.	
252.	Pressure gauge requirement DBR_J._Fire fighting system_4.2 98 One no. pressure gauge to be provided in each internal hydrant riser per floor.	We will consider pressure gauge, one per riser where it will be isolated with main header at ground, not at each floor (near to the landing valve, as the same is not required). Kindly confirm.	Terms & conditions of e-tender shall prevail.
253.	Gas based suppression system DBR_J._Fire fighting system_6.1 100 Gas Based Fire Suppression system is required in server Rooms/ Data Centers and Laboratories (of critical nature) and any other rooms which are required as per functional requirements.	We are presently, considering Novec 1230 based (clean agent) gas suppression system only in the main server room. Presently we are not considering in any other areas like laboratories etc. Kindly confirm.	Terms & conditions of e-tender shall prevail.
254.	Gas based suppression system DBR_J._Fire fighting system_6.1 100 Gas Based Fire Suppression system is required in server Rooms/ Data Centers	If we have to consider the same in other areas also (except server room), then kindly specify the list of areas (laboratories etc.) in which gas based suppression system is required along with clean agent name.	Clean agent Extinguishers shall be provided in all laboratories . For Clean Agent Gas details, please refer Page no. 578 of Technical Specifications.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	and Laboratories (of critical nature) and any other rooms which are required as per functional requirements.		
255.	yard Hydrant Requirement DBR_J._Fire fighting system_10 105 Yard Hydrant is to be provided for all buildings	As per NBC, the yard hydrant is required only for hospital block and Ayush block, but same is to be considered for all buildings as per deliverable column. Kindly specify, if there is any local CFO requirement of same.	Terms & conditions of e-tender shall prevail.
256.	Internal hydrant ring main AIIMSG/FF/SLD/001	It is shown, separate ring main for external and internal hydrants. We can club both and can have only one ring main to which the internal hydrant risers can be connected. Please confirm.	Terms & conditions of e-tender shall prevail.
257.	Internal hydrant ring main AIIMSG/FF/SLD/001	AS per DBR, the wet risers are required in few buildings only (even as per NBC also). But in the SLD, it is shown that all the buildings are supplied with the internal hydrant ring main (i.e. it can be understood that in all the buildings, the system proposed is wet cum downcomer system which is not required). Please confirm.	Terms & conditions of e-Tender shall prevail Please refer Page no. 102-108 of DBR for all fire fighting provisions to be provided in various buildings.
258.	Internal hydrant ring main AIIMSG/FF/SLD/001	We are considering the downcomer system in the residential as per requirement; hence the risers will not be supplied by the internal hydrant ring main connected to the pump room even the same is shown	Terms & conditions of e-Tender shall prevail. Please refer Page no. 102-108 of DBR

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
		in the individual building's SLD. Please confirm.	for all fire fighting provisions to be provided in various buildings.
259.	Booster pump AIIMSG/FF/SLD/001	Booster pump is shown in all the buildings, however the same is not required in all the buildings where wet risers are provided (i.e. hospital, medical college, auditorium etc.) even the booster pump is not shown in the individual hospital, medical college and auditorium building. Kindly confirm and specify if the same has to be considered for all buildings.	Terms & conditions of e-Tender shall prevail. Please note that Booster Pumps are shown in required Buildings as per DBR provisions. Please refer Page no. 102-108 of DBR for all fire fighting provisions to be provided in various buildings.
260.	Fire brigade inlet connection AIIMSG/FF/SLD/001	Fire brigade inlet connection is shown in all the risers / downcomers. However it is required only where downcomers only are provided. In case of wet risers it is not required, as the same requirement can be met by providing fire brigade inlet connection in the ring main. Kindly confirm.	Terms & conditions of e-Tender shall prevail. Please refer clause 4.3 Page no. 98 of DBR wherein provisions related to Fire Brigade Inlet (FBI) has been explicitly elaborated.
261.	NOC	Kindly share the provisional fire NOC, if available.	Terms & conditions of e-Tender prevail. Obtaining Provisional & Final Fire NOC lies in the scope of EPC Contractor. Please refer Pg. No. 7, Vol-III-SCC.
262.	Medical Gas outlet configuration DBR_P._Medical Gas pipeline system	AS per the area matrix provided in the Volume IV A DBR Annexure III (Sr. No. 66 and 67) - for cathlab only one oxygen and one vacuum units are mentioned,	The Outlet requirement mentioned, Matrix is only minimum requirement, please provide two O2 and Vc for

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	(page 200) Minor OT / Cath Zlab/ CT / LINAC / Etc. (On BHP) - O2 - 2 , Vc - 2 , MA4 - 1 and N2O - 1	and we are considering only one oxygen, vacuum, MA-4 and N2O. Please confirm.	cathlab also
263.	OT- Low side work	We understand that all low side work inside OT will be in scope of OT vendor. Please confirm.	SITC of all MOTs along with low side HVAC works & all required services inside MOT are in the scope of EPC Contractor.
264.	Waiting Hall 3 (I) 141 Waiting halls (areas with high occupancy) shall have Mechanical ventilation systems (Exhaust) as per relevant norms.	We understand that smoke exhaust system is to be provided. Please confirm.	Terms and condition of e-Tender shall prevail. Large waiting area(occupancy more than 50 persons) shall have exhaust system with fan sized minimum 2 ACPH in addition to air conditioning system. In addition to this, SmokeExtraction System shall be provided as per norms.
265.	Kitchen Ventilation	Is there any spot cooling required for kitchen? Kindly confirm.	Terms & conditions of e-tender shall prevail. Please refer Vol.4 DBR HVAC system page no.163 Clause 11.7.1.
266.	Air cooling system	Please explain air cooling system, whether it is normal	Please refer Page no. 157/158/159 of DBR for ventilation arrangement in

BIDDERS QUERIES

Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	11.1 162 Mechanical Plant rooms such as HVAC plant room, Pump room, STP room, Filtration plant room etc. shall be provided with air cooling system and exhaust.	fresh air or through Air washer?	mechanical plant rooms such as HVAC plant room, Pump room, STP room, Filtration plant room etc.
267.	List of Approved Makes: Expansion Tank Vol V Tech specs Pg.no. 671 Xylem-ITT/ Armstrong/ Grundfos /Flamco	It is requested you to add K.D. / Energy in the list of Approved Makes	Terms & conditions of e-Tender shall prevail.
268.	List of Approved Makes: Factory Fabricated Duct & Flanges Vol V Tech specs Pg.no. 671 Rolastar / Zeco / Ductofab / Technofab/GPS Spiro	It is requested you to add Eco duct / Waves in the list of Approved Makes	Terms & conditions of e-Tender shall prevail.
269.	Shifting of trees, services, utilities etc. NIT, Clause -3.6 vi, SCC, Clause 1.72 f	We request you to confirm/provide details of any existing underground utilities and/or any other encumbrances at project site.	Terms and conditions of e-tender prevail. The Bidders are advised to visit and examine the Site of works and its surroundings at his/their cost and

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	<p>NIT-32, SCC-15</p> <p>The contractor shall be responsible for shifting of all existing trees, services and utilities including removal of debris and foundations of the existing building /structures. The contractor shall be responsible to obtain necessary approval from the respective authorities for shifting/re-alignment of existing public utilities. HITES/Client shall only assist the contractor for liaising in obtaining the approval from the concerned authorities.</p>		<p>get/ obtain at his/their own responsibility, required information, as applicable for preparing the Bid</p>
270	<p>Statutory Approvals</p> <p>NIT- Clause 3.7, SCC-Clause 20</p> <p>NIT33,34, SCC- 64</p> <p>The Contractor shall obtain all necessary approvals including pre-construction from Municipal and other local bodies including Municipal bodies, Water supply agencies concerned, Electric Supply and inspectorate. Agencies concerned, Police and Security Agencies, Chief Controller of Explosives, Fire Department, Civil Aviation, Air Force Department, in accordance to prevailing rules, Building Bye-Laws, tree</p>	<p>We request you the following:</p> <p>1) All statutory fee shall be reimbursed by the Client at actuals.</p> <p>2) EIA approval shall be arranged by the Client before the date of commencement of the Project. Contractor may, if required, provide necessary assistance while obtaining EIA approval.</p> <p>3) We request you to kindly consider obtaining of all municipal and mandatory approvals as part of Client's scope. However, all construction related approvals shall be obtained by Contractor. Please confirm.</p>	<p>Terms and conditions of e-tender prevail. Refer Clause 1.4 given in the SCC, Vol-3 of tender document (page 7)</p>

BIDDERS QUERIES

Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	<p>replantation etc., as the case may be with related to/ required for Construction/ Completion. The contractor shall also coordinate and assist for obtaining EIA approval. All expenditure on this account will be borne by the contractor. These approvals shall include obtaining approval of all the competent authorities and other statutory bodies like Ministry of Environment and forests, State Pollution Control Board, civil aviation, railways and local development bodies etc. as applicable necessary according to the local Acts, Laws, Regulations, etc. and make any changes desired by such authorities at no extra cost..</p>		
271.	<p>Special care for existing services NIT, Clause -3.9 NIT-33 The scope of work includes dismantling, if any, of the required services and utilities falling in the project area and supporting/shifting and making functional existing services/sewerage and water supply lines etc. The contractor shall properly take care and safe guard the all the existing services in</p>	<p>We request you to compensate at actuals the cost of dismantling and shifting of utilities.</p>	<p>Terms and conditions of e-tender prevail.</p>

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Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	the area affected by the construction of proposed AIIMS in the complex.		
272.	<p>Performance guarantee and Security Deposit</p> <p>NIT, FORM A (i)</p> <p>NIT -38</p> <p>(a) Amount of Performance Guarantee to be deposited by financially successful bidder</p> <p>Part-A:- 5 percent of the total contract price to be deposited and balance 5% to be retained from the running bills.</p> <p>Part-B: - 5 percent of the total contract price for operation and maintenance to be submitted within 15 days from the date of start of defect liability period or signing of supplementary agreement for OandM, whichever is earlier.</p>	<p>1) We presume that the Performance Guarantee shall be @5% of Contract Value and the same shall be released upon substantial completion of work. Please confirm.</p>	<p>1) Terms and conditions of e-tender prevail. Refer Clause 1 given in the GCC, Vol-2 of Tender document with respect to Performance Guarantee</p>
273.	<p>Performance guarantee and Security Deposit</p> <p>Clause 1A, Clause 45 and Schedule E</p> <p>GCC-21; GCC-58 and GCC- 102</p> <p>Security deposit @ 2.5% of the gross amount of each running and final bill till</p>	<p>2) We understand that the security deposit shall be @2.5% of the tendered value only. Please confirm.</p>	<p>2) Terms and conditions of e-tender prevail.</p>

BIDDERS QUERIES

Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	<p>the sum deducted will amount to security deposit of 2.5 % of the tendered value of the work.</p> <p>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 lakh subject to the condition that amount of such bank guarantee, except last one, shall not be less than Rs. 5 lakh.</p>		
274.	<p>Preliminary and detailed design</p> <p>SCC- 1.3.3 (g)</p> <p>9</p> <p>HITES's/Client's role shall be limited only to sign the application / drawings / documents for submission to the local bodies in the capacity of the owner for approval.</p>	<p>We request you to kindly consider obtaining of all municipal and mandatory approvals as part of Client's scope. However, all construction related approvals shall be obtained by Contractor.</p>	<p>Terms and conditions of e-tender prevail. Refer Clause 1.4 given in the SCC, Vol-3 of tender document (page 7)</p>
275.	<p>Handing Over and Clearing of Site</p> <p>1.7 SCC</p> <p>10</p> <p>1.7.2. Handing Over and Clearing of Site:</p> <p>a. The site of work is available.</p>	<p>Since it is mentioned in NIT - site of work is available, please confirm percentage of encumbrance free site. It is requested to handover entire site in an encumbrance free state before LOA.</p>	<p>Terms and conditions of e-tender prevail.</p>

BIDDERS QUERIES

Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	<p>c. There may be some services crossing the earmarked area of the project premises. The scope of work includes dismantling of services, if any, falling in the construction area and supporting/shifting and making functional existing services/sewerage and water supply lines etc. .</p> <p>d. Necessary arrangement including its maintenance is to be made by the contractor for temporary diversion of flow of existing services, drain(s) and road(s) etc., as the case may be. The existing services, drain(s) and road(s) etc., would be demolished, wherever required with the progress of work under the scope of proposed project. The existing services, drain(s) and road(s) etc., which are not in the alignment of the said project but are affected and / or need to demolished during execution for smooth progress of the project, shall be rehabilitated to its original status and condition (including black topping) by the contractor at his own cost. The cost to be incurred by contractor in this regards shall be deemed to be included in the quoted rates and contractor shall not be entitled for any extra payment whatsoever in this regard.</p>		

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	<p>e. The information about the public utilities (whether over ground or underground) like electrical/telephone/water supply/sewerage lines, OFC Cables, open drain etc. is the responsibility of contractor to ascertain the utilities that are to be affected by the works through the site investigation.</p> <p>f. The contractor shall be responsible to obtain necessary approval from the respective authorities for shifting/re-alignment of existing public utilities. HITES/Client shall only assist the contractor for liaisoning in obtaining the approval from the concerned authorities.</p>		
276.	<p>Operation and Maintenance</p> <p>1.15 SCC</p> <p>19</p> <p>Upon completion of supply, installation, testing and commissioning of all works, the Contractor shall furnish the necessary skilled/unskilled/semi-skilled personnel for operating the entire installations for a period of thirty (30) working days which is included in the completion period of respective milestones/phases.</p>	<p>It is humbly requested that the period of 30 days for operating the entire installations shall be in addition to the period for physical execution of works. Please Confirm.</p>	<p>Terms and conditions of e-tender prevail.</p>

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
277.	<p>Works by Other Agencies</p> <p>1.6 SCC</p> <p>21</p> <p>The Engineer-in-charge shall not entertain any claim on account of the Contractor affording necessary facilities to execute the work simultaneously with other agencies executing the works for the same project</p>	<p>It is requested to suitably modify this clause in order to entitle the contractor for compensation on account of Contractor affording necessary facilities to execute the work simultaneously with other agencies executing the works for the same project. Please Confirm.</p>	<p>Terms and conditions of e-tender prevail.</p>
278.	<p>Delay in starting the work</p> <p>1.12 c, SCC</p> <p>25</p> <p>No compensation shall be allowed for any delay caused in the starting of the work on account of acquisition of land, encroachment or in the case of clearance of works, on account of any delay in according sanction to estimates in issue of drawings, decisions etc. However, the extension of time shall be granted as per relevant conditions of Contract</p>	<p>It is requested to suitably modify this clause in order to entitle the contractor for compensation on account of any delay caused in the starting of the work on account of acquisition of land, encroachment or in the case of clearance of works, on account of any delay in according sanction to estimates in issue of drawings, decisions etc. Please Confirm.</p>	<p>Terms and conditions of e-tender prevail.</p>
279.	<p>No claim for compensation/idle charges</p> <p>SCC, Clause 1.12 f</p>	<p>It is requested to suitably modify this clause in order to entitle the contractor for compensation on account of any delay caused in the starting of the work on account of idling charges or compensation shall be</p>	<p>Terms and conditions of e-tender prevail.</p>

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	<p>SCC-25</p> <p>No idling charges or compensation shall be paid for idling of the contractor's labour, staff or PandM etc. on any ground or due to any reason whatsoever.</p>	<p>paid for idling of the contractor's labour, staff or PandM etc. Please Confirm.</p>	
280.	<p>Contract Price and Payments</p> <p>SCC-2.1</p> <p>26</p> <p>The bidder shall quote their rates in the prescribed format as per "Vol. 7- FINANCIAL BID"of the tender documents. The quoted rates shall be inclusive of all costs towards site visits, planning, designing , site surveys, soil investigations all material, labour, plant and machinery, tools and tackles, batching plant etc. including water and electricity, overhead charges, all taxes (including GST) , duties, levies statutory charges / levies applicable from time to time and others as specified etc., incidental works and all other charges for items contingent to the work, such as inspection, packing, forwarding, insurance, freight and delivery at Site, watch and ward of all materials and</p>	<p>It is requested to replace the word "from time to time"with "at the time of submission of tenders". Please confirm.</p>	<p>Terms and conditions of e-tender prevail.</p>

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	successful installation, testing and commissioning at site etc., including handing over of the works to the Client/ HITES, Operation and Maintenance during Defect Liability Period etc. complete as per Scope of Work.		
281.	<p>Contract Price and Payments and Escalation</p> <p>SCC-2.1</p> <p>26</p> <p>Rates quoted shall be firm and shall not be subject to any price variations except as specifically provided in the contract.</p> <p>GCC-10</p> <p>35</p> <p>No escalation shall be applicable on this contract for entire contract period as well as extended period for completion of the works if any</p>	<p>Since the duration of the project is 29 months, we request to incorporate escalation formulae based on standard CPWD norms. Please confirm.</p>	<p>Terms and conditions of e-tender prevail.</p>
282.	<p>Water Supply and Power Supply</p> <p>NIT-1.9, GCC-Clause 31</p>	<p>It is requested to provide single point electric and water supply. Further distribution shall be arranged by the bidder. Please Confirm.</p>	<p>Terms and conditions of e-tender prevail.</p>

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	<p>NIT -17, GCC-53</p> <p>Contractor shall be arranging and maintaining at its own cost , water, electricity, access, facilities for workers and all other services required for executing the work.</p>		
283.	<p>INCENTIVE FOR EARLY COMPLETION- GCC-2A GCC -22 DELETED</p>	<p>Request you to reinstate original CPWD clause in its entirety for payment of incentive for early completion - 1% of tendered value per month computed on per day basis subject to maximum of 5% of the Contract Value. Please confirm.</p>	<p>Terms and conditions of e-tender prevail.</p>
284.	<p>Mobilisation advance</p> <p>GCC, Clause 10.B (ii) and 10.B (iv) and Sch F</p> <p>GCC- 34, 35 and 106</p> <p>Mobilization advance (bearing simple interest @10% per annum) not exceeding 10% of the tendered value may be given, in 2 or more instalments (against a Bank guarantee Bond from scheduled Bank for the amount equal to 110% of the amount of advance valid for the Contract Period), if requested by the contractor in writing within 2 months of the order to commence the work. Such</p>	<p>We request you to kindly provide us interest free mobilisation advance against BG of equal amount.</p>	<p>Terms and conditions of e-tender prevail.</p>

BIDDERS QUERIES

Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	<p>advance shall be in 2 or more installments to be determined by the Engineer-in-Charge at his sole discretion. The first installment of such advance shall be released by the Engineer-in-charge to the contractor on a request made by the contractor to the Engineer- in-Charge in this behalf. The second and subsequent installments shall be released by the Engineer- in- Charge only after the contractor furnishes a proof of the satisfactory utilization of the earlier installment to the entire satisfaction of the Engineer-in-Charge.</p> <p>The total number of bank guarantees, which shall be submitted by the contractor, shall be restricted to 6 numbers only.</p>		
285	<p>Deviation Limit</p> <p>GCC - 12.2 and 12.3</p> <p>GCC 106-107</p> <p>i) Deviation Limit beyond which clauses 12.2 and 12.3 shall apply for building work.</p> <p>li) Deviation Limit beyond which clauses 12.2 and 12.3 shall apply for foundation work (Except earth work)</p> <p>iii) Deviation Limit for items in earth work</p>	<p>It is requested to keep (+/-) 15% as deviation limit. Please confirm.</p>	<p>Terms and conditions of e-tender prevail.</p>

BIDDERS QUERIES

Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	subhead of DSR or related items		
286.	<p>Final Bill</p> <p>GCC-9</p> <p>32</p> <p>1) The final bill shall be submitted by the contractor, along with all supporting documents, in the same manner as specified in interim bills within three months of physical completion of the work or within one month of the date of the final certificate of completion whichever is earlier.</p> <p>2) No further claims to be submitted after submission of final bill. Payments of those items of the bill in respect of which there is no dispute and of items in dispute, for quantities and rates as approved, the payment will be made within 6 months</p>	<p>It is requested to release final payment within 56 days from the date of receipt of the bill by the Engineer-in-Charge. Please confirm.</p>	<p>Terms and conditions of e-tender prevail.</p>
287.	<p>FORECLOSURE OF CONTRACT DUE TO ABANDONMENT OR REDUCTION IN SCOPE OF WORK</p> <p>GCC-13</p> <p>38</p> <p>The reasonable amount of items on (i),</p>	<p>We request you to kindly waive off this clause as per as per latest CPWD conditions. Please Confirm.</p>	<p>Terms and conditions of e-tender prevail.</p>

BIDDERS QUERIES

Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	<p>(iv) and (v) above shall not be in excess of 2% of the cost of the work remaining incomplete on the date of closure, i.e. total stipulated cost of the work as per accepted tender less the cost of work actually executed under the contract and less the cost of contractor's materials at site taken over by the HITES as per item (ii) above. Provided always that against any payments due to the contractor on this account or otherwise, the Engineer-in-Charge shall be entitled to recover or be credited with any outstanding balances due from the contractor for advance paid in respect of any tool, plants and materials and any other sums which at the date of termination were recoverable by the HITES from the contractor under the terms of the contract.</p>		
288.	<p>Minimum Bill Amount Cl 7, Sch f , GCC 102 Gross work to be done together with net payment /adjustment of advances for material collected, if any, since the last such payment for being eligible to</p>	<p>In the interest of project cash flow, we request you not to consider any minimum bill amount. Kindly confirm.</p>	<p>Terms and conditions of e-tender prevail.</p>

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	interim payment - Rs. 20.00 Crores		
289.	Warranties General	Request you to consider warranties for Water proofing and anti termite applicable for 10 years to commence from physical completion of works and not from end of maintenance period.	Terms and conditions of e-tender prevail.
290.	DATE OF COMMENCEMENT OF THE PROJECT GCC- 9.2 57 The Contractor shall commence the Works on the date specified in the Letter of Award.	We request you to consider the date of commencement as 15 days from the latest of the following: i. Issue of LOA ii. Obtaining EIA approval iii. Handing over of the site free from all encumbrances to the Contractor. Kindly confirm.	Terms and conditions of e-tender prevail.
291.	DATE OF COMMENCEMENT OF THE PROJECT Sch F GCC- 103 The date of start shall be reckoned from the date of issue of Letter of Award.		

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
292.	<p>DATE OF COMMENCEMENT OF THE PROJECT</p> <p>GCC-5</p> <p>25</p> <p>The handing over of site by the Engineer in Charge, in full or in part (if so provided in contract), shall be completed within two months from date of issue of Letter of Award.</p>		
293.	<p>SUSPENSION OF WORK</p> <p>GCC-15.i and 15.ii</p> <p>40</p> <p>If the suspension is ordered for reasons (b) and (c) in sub-para (i) above: (a) the contractor shall be entitled to an extension of time equal to the period of every such suspension PLUS 25%, for completion of the item or group of items of work for which a separate period of completion is specified in the contract and of which the suspended work forms a part, and; (b) If the total period of all such suspensions in respect of an item or group of items or work for which a</p>	<p>We request you to compensate us at actuals on account of loss of business, idling of labour and machinery etc. if such suspension is due to no fault of or beyond the Control of the Contractor.</p>	<p>Terms and conditions of e-tender prevail.</p>

BIDDERS QUERIES

Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	<p>separate period of completion is specified in the contract exceeds 30 days, the contractor shall, in addition, be entitled to such compensation as the Engineer-in-Charge may consider reasonable in respect of salaries and/or wages paid by the contractor to his employees and labour at site, remaining idle during the period of suspension, adding thereto 2% to cover indirect expenses of the contractor provided the contractor submits his claim supported by details to the Engineer-in-Charge within 15 days of the expiry of the period of 30 days.</p>		
294.	<p>PROLONGED SUSPENSION</p> <p>GCC- 15.iii</p> <p>40- 41</p> <p>In the event of the contractor treating the suspension as an abandonment of the contract by HITES, he shall have no claim to payment of any compensation on account of any profit or advantage which he might have derived from the execution of the work in full but which he could not derive in consequence of the abandonment. He shall, however, be entitled to such compensation, as the</p>	<p>We request you to compensate us at actuals on account of loss of business, idling of labour and machinery etc. if such suspension and subsequent abandonment is due to no fault of or beyond the Control of the Contractor.</p>	<p>Terms and conditions of e-tender prevail.</p>

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	Engineer-in-Charge may consider reasonable, in respect of salaries and/or wages paid by him to his employees and labour at site, remaining idle in consequence adding to the total thereof 2% to cover indirect expenses of the contractor provided the contractor submits his claim supported by details to the Engineer-in-Charge within 30 days of the expiry of the period of 3 months.		
295.	<p>MILESTONE LD</p> <p>SCC- 9.4 and SCh F</p> <p>SCC- 58 and GCC- 104- 105</p> <p>In case, the contractor does not achieve a particular milestone mentioned in or the re-scheduled milestone(s) by the HITES, the amount shown against that milestone shall be retained and will be adjusted against the Liquidated Damages at the final grant of Extension of Time after completion of work. On failure to achieve a milestone, retaining of this amount from payments due to the contractor shall be automatic without any notice to the contractor. However, if the contractor catches up</p>	We request you to waive off milestone LD and consider LD on total completion only.	Terms and conditions of e-tender prevail.

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	with the progress of work on the subsequent milestone(s), the entire retained amount shall be released. In case the contractor fails to make up for the delay in subsequent milestone(s), amount mentioned against each milestone missed subsequently also shall be retained. However, no interest, whatsoever, shall be payable on such amount retained by the HITES.		
296.	<p>TERMINATION OF CONTRACT (BY BOTH PARTIES)</p> <p>GCC- 3A</p> <p>24</p> <p>In case, the work cannot be started due to reasons not within the control of the contractor within 1/8th of the stipulated time for completion of work or one month whichever is more, either party may close the contract by giving notice to the other party stating the reasons. In such eventuality, the Performance Guarantee of the contractor shall be refunded within 30 days. Neither party shall claim any compensation for such eventuality. This clause is not applicable for any breach of the contract by either</p>	<p>We request you to suitably reimburse us in such cases on account of loss of business, idling of labour and machinery etc.</p>	<p>Terms and conditions of e-tender prevail.</p>

BIDDERS QUERIES			
Sl. No.	Description of Clause	Comments / Observations	HITES Reply
	party.		
297.	<p>INTERIM PAYMENT</p> <p>GCC-7</p> <p>29- 30</p> <p>The amount admissible shall be paid within 30 working days after the day of presentation of the bill by the Contractor to the Engineer-in-Charge. In the case of works outside the headquarters of the Engineer- in-Charge, the period of 30 working days will be extended to 45 working days.</p> <p>The Engineer-in-Charge in his sole discretion on the basis of a certificate from his authorized representative in-charge of the work at site to the effect that the work has been completed up to the level in question make interim advance payments without detailed measurements for work done working out at 75% of the assessed value. The advance payments so allowed shall be adjusted in the subsequent interim bill by taking detailed measurements thereof.</p>	<p>We request you to pay us 75% of the monthly bill value within 7 days from the date of submission of the bill by the Contractor and the balance amount within 21 days from the date of submission of the bill.</p>	<p>Terms and conditions of e-tender prevail.</p>

Important Note:

1. The above Corrigendum shall form part of the Tender Document and is to be submitted duly signed by the applicants along with their Application.
2. All other terms & condition of Tender document remains unchanged.
3. Prospective bidders are advised to regularly scan through MSTC e-tender Portal, HITES website tender page and CPP Portal for corrigendum/amendments etc. and separate advertisement will not be made for this.

**The Vice President (ID)
M/s HLL Infra Tech Services Ltd. (HITES),
As Executing Agency
Ministry of Health & Family Welfare, Govt. of India**

END OF CORRIGENDUM-02