



ASSAM GOVERNMENT - IITG HEALTHCARE FOUNDATION

CIN: U85300AS2022NPL023684 REG

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Pre-Bid Meeting Summary

Date: 05.10.2024

Tender No: AGIHF/Executing Agency/2024-25/01 date 27.08.2024

Brief Description of Procurement: Selection of Executing Agency for Construction of a Centre of Excellence in Healthcare R & D Facility – Includes Super-Specialty Hospital, PG Medical & Allied Education and Ancillary Facilities at IIT Guwahati Campus of Assam Government – IIT Guwahati Healthcare Foundation (AGIHF) On EPC Mode- III

Date and Time for Pre-Bid meeting: September 27, 2024 11 AM

Venue of Pre-Bid Meeting: Conference Room, Center for Nanotechnology, IIT Guwahati.

The following Bidders' Representatives attended the pre-bid meeting:

SL No	Name of prospective bidder/ firm	Name
1	Shree Gautam Construction Co. Ltd	Avinav Khaitan
2	Ahluwalia Contracts (India) Limited	Subhadeep Dey Sarkar
3	Nagarjuna Construction Company Limited (NCC)	Narendra Roy
4	Larsen & Turbo Construction	Debjyoti Ghosh
5	Bridge and Roof Company (India) Limited	Biswajit Pal

The members of the Special Technical Committee (STC) as appointed by the BoD, AGIHF were present in the pre-bid meeting to provide clarification to the queries. In order to bring the uniformity and clarity among the prospective bidders on various terms and conditions as mentioned in the Tender document, the queries received from bidder(s) during pre-bid meeting were discussed and clarified. The clarifications arrived thereof are indicated hereunder:

<u>A</u> - NAGARJUNA CONSTRUCTION COMPANY LIMITED (NCC Ltd.)				
Sl. No.	Document reference / Page No.	NIT Description	Clarifications sought	Remarks by AGIHF
1	Tender Document, PART-I: GENERAL INFORMATION Clause No.6, Page No.9	The bidder shall quote their percentage/lumpsum rate considering all prevalent taxes/cess like GST, labour Cess or any other tax on material /work as applicable and nothing extra shall be paid to the contractor on this account. The institute shall deduct Workers Cess, Royalty, GST or any other tax as applicable, from the R/A bills & final bill. TDS as applicable shall be deducted from all bills of contractor.	<p>We understand that imposition of New Taxes/Cess/Royalty and change in structure of existing Taxes/Cess/Royalty shall be paid/reimbursed as per actual.</p> <p>We also understand that Workers Cess & GST shall not be deducted on amount of GST & Workers Cess respectively i.e. Workers Cess & GST will be calculated & deducted on base amount prior to addition of GST & Workers Cess. May please be confirmed.</p>	The bidder shall quote their percentage/lumpsum rate considering all prevalent taxes/ Cess like GST, labour Cess or any other tax on material /work as applicable and nothing extra shall be paid to the contractor on this account. Any Statutory Changes in the Tax Structure by the Govt. Of India (+)/(-) shall be applicable accordingly. Any Statutory Changes in the Tax Structure by the Govt. Of India (+)/(-) shall be applicable accordingly. Workers Cess & GST shall be calculated on Principal Amount. Workers Cess shall be deducted from the RA Bills of the executing agency. GST amount shall not be recovered from the RA Bills. However, it will be the sole responsibility of the Executing Agency to deposit GST with the concerned Authorities before claiming the next accountable Bill. The AGIHF shall withhold amount against royalty as applicable from the RA bills and which will be reimbursable on submission of documentary evidence for depositing the royalty with the concerned authority. TDS as applicable shall be deducted from all bills of contractor.

2	Tender Document, PART-I: GENERAL INFORMATION Clause No.1 v) g, Page No.12	Approval of the specialized agencies for each specialized work at least before 60 days of start of work. Even if, such specialized items of work shall be executed by the specialized agencies at later date the work shall be deemed to be executed by the tenderer for all purposes and the responsibility of the quality of items of works executed etc. shall continue to be that of the tenderer only.	Your good self would appreciate that a number of specialized work would be executed after quite a long time after commencement of the work. Major specialized agencies may not be in agreement to submit their offers with such long validity of price. They may ask for escalation or submit very high rates in comparison to the then market price. As such, it would be tricky to get best price. In view of the above, it is requested to consider 90 days prior to start date of respective work for approval of specialized agencies. Your consent is solicited.	The Executing Agency has to take the approval for engaging specialized agencies from the Engineer-In- Charge at least 60 days prior to start of activity, as stipulated in the NIT.
3	Tender Document, PART-II: Eligibility Bid, Clause No.7.2 g, Page No.30	The applicant should submit the willingness from eligible electrical contractors to get associated with the applicant for execution of the electrical component of works in wholesome manner and (Format of willingness is given in Form J). Possession of appropriate Electrical Contractor's license shall be a pre- requisite for eligibility. Qualified similar works done by the Electrical----- -for finalizing technical bids, as required.	From content, we presume that this clause is applicable for those not having requisite credential for execution of Electrical work. Your confirmation is solicited.	The Executing Agency has to take the approval for engaging Electrical Contractor from the Engineer-In- Charge at least 60 days prior to start of activity, as stipulated in the NIT.
4	Tender Document, PART-III: TECHNICAL BID , Schedule -F, Page No.65	Time allowed for submission of Performance Guarantee, program chart (Time and progress) and applicable labour licenses, registration with GST, EPFO, ESIC and BOCW Welfare Board or proof of applying thereof from the date of issue of letter of acceptance : 15 days from date of award of work	Issue of applicable labour license by authority is subject to application from appointed contractor with form -Issued by Principle employer. We request you to kindly ensure to issue Form -V within a week of issue of letter of acceptance to enable contractor to obtain the Labour Licence from the office of concerned authority within stipulated time.	No Change.

5	Tender Document, Appendix II: Requirements of Plant and Equipment at Site Page No.78	1. Construction Equipment : (h) Fully automatic and computerized Batching Plant of capacity 60 cum/hour at Depot site with arrangement for required water quality and temperature control.	Looking into scale of the project, concrete quantity & subsequent time for completion, mobilisation of fully automatic and computerized Batching Plant of capacity 60 cum/hour is not judicious due to low utilisation which will unnecessary enhance the project cost. Further, considerable space would also be required to install and operate the Plant.As per best of our experience & standard industry practice, a fully automatic and computerized Batching Plant of 30 Cum/Hour would easily cater the need of the project and would be cost effective.We, therefore request you to consider 30 Cum Batching Plant.	Refer Corrigendum dated 05.10.2024
6	Tender Document, CONDITIONS OF CONTRACT, Clause 2 (viii) Page No.81	Market Rate shall be the rate as decided by the Engineer-in-charge appointed by AGIHF on the basis of the cost of materials and labour at the site where the work is to be executed plus applicable overheads and profits as mentioned in schedule F. Provided that no extra overheads and profits shall be payable on the part(s) of work assigned to other agency(s) by the contractor as per terms of contract.	Kindly elaborate the clause and also enlighten the applicability. As per our understanding the clause shall be applied for deriving rates of Additional Work / Extra Item which are not the part of present RFP. If so, we request you to consider Contractor's overheads and profits for all such items irrespective of executed by specialised agencies engaged by the Main Contractor to cover cost toward safe & secure storage of such materials, handling, providing equipment's/scaffoldings to agency, water & power cost, capital investment & contractor's supervision & taxes.	This clause is for deriving the rate for extra items on which the overheads and profits as applicable shall be paid as mentioned in Schedule-F.

7	Tender Document, Recovery of Security Deposit Clause 1A, Page No.85	The Security deposit or the retention money shall be deducted from each running/ final bill of the contractor @ 5% (five per cent only) of the gross value of the Running Account/ final bill. If the amount of Security Deposit deducted in cash is more than Rs 10.00 lakhs (Rupees Ten lakhs only), the excess amount beyond Rs 10.00 Lakhs can be replaced by the contractor by submission of Bank Guarantee on maximum three times in the prescribed Performa of AGIHF or Fixed Deposit Receipt (FDR) pledged in favour of AGIHF of equivalent amount from any Nationalized Bank or all Commercial Scheduled Bank. Only the Original Contract Value will be counted for this purpose.	We request you to consider 6 nos of split upfront BGs of full amount of security deposit to avoid cash deduction from RA Bills. These BGs can be submitted with progress of the work when Security Deposit becomes due.	No Change
8 (a)	Tender Document, Mobilization advance, Page No.96	This advance shall be paid in three instalments as follows: i) First Instalment of fifty percent (50%) of total mobilization advance shall be paid after the agreement is signed, P/F of Barricading at site and upon submission of performance guarantee for full amount as specified.	We request you to consider Mobilisation Advance in two instalments below: i)First Instalment of fifty percent (50%) of total mobilization advance after signing of the agreement and upon submission of performance guarantee for full amount as specified. ii) 2nd instalment of fifty percent (50%) of total mobilization advance after the setting up of site office and site laboratory, complete mobilization of plant and machinery, scaffolding & shuttering materials etc.	No Change
8 (b)	Tender	Price Escalation	Since it is a project of more than 12 months, we request you to consider Price Escalation for Cement, Steel, Other Materials, Labours and POL as per CPWD norms. With this clause all the bidders would be on same platform, which will help them to quote a justified price.	No Change
8 (c)	Part -E, Schedule of Stage Payment, Sl. No.1-22, Page 1405-1465	Completion of _____ as per detailed scope of work, technical specification and GFC drawings. (95% of the quoted amount for _____) & _____ as per _____ NIT	Kindly illuminate the details of balance payment of 5% of the quoted amount.	Refer Corrigendum dated 05.10.2024

8 (d)	Part-F, Drawing Folder	Service Block-Structure Drawings	Structure drawings of Service Block are not available in the folder. Please provide PDF & AutoCAD drawings for quantification & estimation of cost.	Refer Corrigendum dated 05.10.2024, drawing no. 2023-076-S-13.01 To 04.
9	Part A - NIT Page no. 65 Sl. No. 6 & Page No. 69 clause. 11	Standard Schedule of Rates -Delhi Schedule of Rates 2021 with updated correction slips and Market Rates wherever not available. Specifications to be followed for execution of work- Civil work: Latest CPWD Specifications 2019 Volume-I & II with corrections slips up to last date of submission of bid (bid herein after called CPWD specifications)	We request you to confirm CPWD specification which will be followed.	No Change
10	Part B - C - D - E , SL. No. - 1.04.	DETAILED SCOPE OF WORKS– STRUCTURE & CIVIL WORKS 1.04 - Soil stabilization - Appropriate ground improvement or soil stabilization measures as per the soil investigation report and structural design, if any recommended shall be carried out.	As tender is on EPC Mode 3 and the structural drawings and design will be provided by your good self. Therefore, we request you to confirm the requirement of any ground improvement or soil stabilisation.	REPLY- CONTRACTOR HAS TO REFER THE GFC DRAWINGS ONLY.
11	Part B - C - D - E , SL. No. - 1.05	1.05- Structure- RCC framed structure with foundation system Including Boring RCC piles, casting RCC piles with reinforcement, pile caps, Rafts, isolated footing / combined footing /, RCC shear walls, columns, slabs, beams and as per structural design / GFC drawings. conforming to relevant Indian Standard Codes shall be provided.	We think that all work shall be done as per the GFC drawings provide by you . Please confirm	Work to be executed as per GFC drawings.
12	Part B - C - D - E , SL. No. - 1.07	1.07-Grade Slab -Structural / Non-Structural Grade slab as per the necessity at site / design requirement and as per the functional requirement of supported flooring shall be designed & provided accordingly.	Design and GFC drawings of Grade slab shall be provided by you only and the contractor will execute as per the GFC drawings. Your confirmation is solicited.	Work to be executed as per GFC drawings.
13	Part B - C - D - E , SL. No. - 1.08	1.08-DPC Damp proof course shall be provided wherever required as per CPWD specification.	The contractor will execute the work as per GFC drawings provide by you. Your confirmation is solicited.	Work to be executed as per GFC drawings.

14	Part B - C - D - E , SL. No. - 1.09	1.09-Tanks / sumps - Underground structure / water retaining structure in Service block shall be part of superstructure and integrated with foundation system with suitable water proofing system and measures for collection, pumping and disposal of any water.	I think that underground structure and water retaining structure in service block shall part of Substructure written Superstructure. Your confirmation is solicited.	Work to be executed as per GFC drawings.
15	Part B - C - D - E , SL. No. - 1.11	1.11-Reinforcement grade - Minimum Fe-550 D grade low alloy steel as per provisions contained in Note-3 of Para 4.2 of amendment number 3 to IS 1786 shall be used in the work.	The grade of Reinforcement steel is Fe 550D low alloy steel TMT bar. Please confirm.	No Change
16	Part B - C - D - E , Page 174 SL. No. - 2.01	2.01-EXTERIOR WALL EXPANSION JOINT SYSTEM	As per GFC drawings, Expansion gap is 400 mm. Please confirm.	Work to be executed as per GFC drawings.
17	Part B - C - D - E , Page 177 Sl No. 4.03 & Page 178 SL. No. - 4.06	4.03 - Plaster on AAC Block walls- All internal AAC walls shall be finished with 12 mm thick (average) premixed formulated one coat gypsum lightweight plaster having additives and light weight aggregates as vermiculite/ perlite respectively conforming to IS: 2547 (Part - 1 & II) 1976, applied on hacked / uneven background such as bare brick/ block/ RCC work on walls & ceiling at all floors and locations, finished in smooth line and level etc. complete. 4.06 - Cement plaster - 12 mm cement plaster of mix : 1:6 (1 cement: 6 coarse sand) on all types of walls at all levels.	We think that Gypsum plaster will be applicable on AAC block wall and on other walls cement plaster 1:6 will be applicable. Please confirm.	No Change
18	Part B - C - D - E , Page 178 Sl No. 5.02	5.02 - Door frames fixing- Wherever the doors are required to be fixed to AAC block masonry, the frame shall be fixed in RCC band or concrete block masonry.	In detailed detail scope of work, the type of Door frame is missing. We request to provide the Door frame details for Flush Door Shutter.	Refer GFC drawings.

19	Part B - C - D - E , Page 187 SI No. 6.07 & Page 187 SI No. 6.07	6.07-Polished Vitrified tiles in floors as per finishing schedule- Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutters only. Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, levelling system and rubber mallet for placing the tiles gently and easily. Double charge vitrified tile polished finish of size 600mm x 600mm (Approved tiles with basic cost Rs. 560 to 600 per sqm landed in Guwahati)6.10- Adhesive mortar for tile laying- All the tiles (flooring / wall lining / Skirting / dado) shall be fixed with quick set tile adhesive of minimum thickness of 6 mm. Also joints of flooring tiles having 3 mm width shall be grouted using epoxy grout mix of 0.70 kg of organic coated filler of desired	Please confirm the materials either 20 mm thick cement mortar 1:4 or quick set tile adhesive of minimum thickness of 6 mm will be used for tile fixing	As per the site requirement.
20	Part B - C - D - E , Page 201 SI No.10.11	10.11- Openable shutters in glazing	We request to provide the % of openable shutter in glazing.	Refer GFC drawings.
21	Part B - C - D - E , Page 203 SI No.12.01	12.01- Toilet Cubical- Toilet Cubical shall be provided for all the internal doors of wet areas having more than one unit of W/C, bathroom, change rooms etc. in Hospital and Academic cum R&D buildings and Nurse Hostel.	We request to you to elaborate the clause.	Refer GFC drawings.
22	Drawing No. AAHII/H OSP-WD/108. IF	Hospital Block- IRONMONGERY SCHEDULE	We request to add type of Door frame and shutter in the table.	Already provided in drawing no. AAHII/HOSP-WD/108.1E
23	Drawings	Hospital block:- Structure Drawings- AutoCAD & PDF	The Structure drawings of Hospital Buildings is not available in the drawing link available with PART F. We request to provide the same in both format (AutoCAD & PDF)	refer corrigendum. Cad files have been uploaded refer structure package on the given link

24		Hospital block:- Furniture layout drawings in Tower T1 & T2	The only PDF drawings are available. We request to provide the drawings in AutoCAD format.	refer corrigendum . Cad files have been uploaded on the given link refer cad file name-303.39_T1&T2_GF_FURN LAYOUT to 303.45_T1&T2_6TH FLR_FURN LAYOUT
25		Hospital block:- Interior wall elevation	The only PDF drawings are available. We request to provide the drawings in AutoCAD format.	uploaded kindly check cad file . refer cad file name.-303.33 & 303.34_wating lobby, 303_internal wall elevation-1 , 303_internal wall elevation-2 & 303_internal wall elevation-3
26		Hospital block:- i. Conference Room ii. Nurse station - 303.14 to 303.21 iii. Corridor 2- Pvt. Word iv- Corridor 3- OPD v- Registration Counter (Pharmacy, IPD, Emergency Entrance) vi. Emergency and Triage Area vii. X- Ray Room viii. BMT Room ix- Partition details - (1 to 5)	The only PDF drawings are available. We request to provide the drawings in AutoCAD format.	uploaded kindly check cad file . refer cad file name.-303.33 & 303.34_wating lobby, 303_internal wall elevation-1 , 303_internal wall elevation-2 & 303_internal wall elevation-3
27		Medical Service - Nurse call System (AAHII /HOSP-COMB-NCS-400.1-400.7)	The only PDF drawings are available. We request to provide the drawings in AutoCAD format.	refer corrigendum . Cad files have been uploaded on the given link refer cad file name: NCS-400.1_COMPILED GF to NCS-400.7_COMPILED 6TH FLR
28		R & D Block :- Structure Drawings (All)	The only PDF drawings are available. We request to provide the drawings in AutoCAD format.	refer corrigendum . Cad files have been uploaded refer structure package on the given link
29		Nurse Hostel- i. Kitchen Layout & Details (Architecture) (AAHII /AR/NRS/508) ii. Structure Drawing (all) iii. Plumbing - OH Tank (AAHII /NH/PL/503)	The only PDF drawings are available. We request to provide the drawings in AutoCAD format.	refer corrigendum . Cad files have been uploaded on the given link i. Kitchen Layout & Details - refer dwg no-AAHII/AR/NRS/508 ii. Structure Drawing (all) - refer structure package iii. Plumbing - OH Tank-refer dwg no-AAHII /NH/PL/503
30		3 BHK Faculty Residence- i. Structure Drawing (all) ii. Plumbing - Typical toilet details (AAHII / 3BHK/PL/350,351) iii. Plumbing - OH Tank (AAHII /3BHK/PL/353)	The only PDF drawings are available. We request to provide the drawings in AutoCAD format.	refer corrigendum . Cad files have been uploaded on the given link i. Structure Drawing (all) - refer structure package ii. Plumbing - Typical toilet details- refer dwg no-(AAHII /3BHK/PL/350 iii. Plumbing - OH Tank -

				refer dwg no.- AAHII /3BHK/PL/353
31		2 BHK Faculty Residence- i. Structure Drawing (all) ii. Plumbing - Typical toilet details (AAHII /2BHK/PL/350,351) iii. Plumbing - OH Tank (AAHII /2BHK/PL/353)	The only PDF drawings are available. We request to provide the drawings in AutoCAD format.	refer corrigendum . Cad files have been uploaded on the given link i. Structure Drawing (all) - refer structure package ii. Plumbing - Typical toilet details- refer dwg no-AAHII /2BHK/PL/400 iii. Plumbing - OH Tank - refer dwg no.- AAHII /2BHK/PL/353
32		Guest House & Residence Hostel - i. Plumbing - OH Tank (AAHII /GH/PL/453)	The only PDF drawings are available. We request to provide the drawings in AutoCAD format.	refer corrigendum . Cad files have been uploaded on the given link i. Plumbing - OH Tank - refer dwg no.- AAHII /GH/PL/453
33		Landscape -i. ENTRY GATE - 03 (AAHII /SITE-WD/100.1C)	We request to provide the isometric view of Boundary wall gate no. 3	same as entry gate no-02
33 a		Landscape -i. ENTRY GATE - 03 (AAHII /SITE-WD/100.1C)	We request to provide the isometric view of Boundary wall gate no. 3	same as entry gate no-02
33 b		Structural Drawing of Boundary Wall is missing	Kindly provide the structural drawing of boundary wall in PDF & AutoCAD form.	refer corrigendum . Cad files have been uploaded on the given link refer dwg no.-2023-076-BW-S-11.01
33 c		Structural Drawing of Entry gate is missing	Kindly provide the structural drawing of Entry Gate in PDF & AutoCAD form.	refer corrigendum . Cad files have been uploaded on the given link refer dwg no.-2023-076-GH-S-12.01
33 d		Structural Drawing of Water Body is missing	Kindly provide the structural drawing of water body in PDF & AutoCAD form.	refer corrigendum . Cad files have been uploaded on the given link refer dwg no.-2023-076-GD-S-15.05
33 e		Architectural & Structural drawings of Guard Room & toilets are missing.	Kindly provide the structural drawing of water body in PDF & AutoCAD form.	guard room structure refer dwg no.- 2023-076-GH-S-12.01 & guard room architecture refer dwg no-AAHII/SITE-WD/100.1A to 100.1B & 100.1C
34	Part B - C - D - E , Clause E, Page no. 369 Part B - C - D - E , Clause 44, Page no. 747 Part B - C	PURE SERVER BASED IPABX SYSTEM * IPABX with minimum capacity of 600 Telephones & expandable up to 1000 telephones shall be located at Server Room in the Hospital block. * IP Based EPABX System comprising of 4 Nos. PRI Trunks lines (30 channels) with CLI facility for 100 IP users license for life	In view of the differences in the mentioned clauses , we request you to illuminate on the following : i) How many nos of PRI Trunk Lines (30 Channels) to be considered ii) Capacity of the IP-PBX System (Both minimum and expandable) to be considered iii) No. of IP-User License to be	Read As: Supply, Installation, Testing and Commissioning of Pure IP at core based Voice solution with 2xPRI Trunk lines (30 Ch) Circuit with CLIP Facility, 550 IP users License & scalable at least up to 3000 devices to achieve future growth

	- D - E , Page no. 859	time core switches, L2 switches, OFC and all accessories includes installation of minimum 100 nos. IP Digital phones and 300 nos. analog telephone with CLI facility complete with extendable IP EPBAX system having software license for minimum 500 connections IP-PBX Technical Specification : The IP-PBX system shall be scalable at least up to 15000 devices to achieve future growth requirements without any additional server or cluster server. SUB HEAD-III IP-PBX SYSTEM Supply, Installation, Testing and Commissioning of Pure IP based Voice solution with 1x PRI Trunk lines (30 Ch) Circuit with CLIP Facility, 215 IP users License, 01 Nos. IP Operator Console, 28 Party Conference, Speed Dial, Music on Hold, Internal/ External ring difference, Call Barring, Call Pickup, TEC	considered. iv) Where the IP-PBX shall be installed.	requirements without any additional server or cluster server, 01 Nos. IP Operator Console, 28 Party Conference, Speed Dial, Music on Hold, Internal/ External ring difference, Call Barring, Call Pickup, TEC with GR.
35	Part B - C - D - E , Clause no. 1.7, Page no. 444	Anchor Thrust Blocks a) Contractor shall provide suitably designed anchor blocks in cement concrete to encounter excess thrust due to water hammer & high pressure. b) Thrust blocks shall be provided at all bends & tees & such other location as determined by the Engineer-in-Charge. c) Exact location, design, size and mix of the concrete block shall be approved by the Engineer-in-Charge prior to execution of work.	We understand that the Anchor Thrust Block shall be provided for external Underground fire pipes of dia 150 mm only. -- Kindly confirm.	Confirmed
36	Part B - C - D - E , Page no. 529	LED Façade lighting shall be provided to illuminate the building elevation.	Kindly provide the drawings of Façade Lighting for Illumination of the buildings.	Refer link drawings AAHI/Site/Façade-103, External Site Plan AAHI/Hospital//3F/Façade -104, Façade Lighting
36	Part B - C - D - E , Clause no. C, Page no. 535	C. LIGHTING DESIGN & LIGHTING FIXTURE All LED lighting Fixture shall have luminous efficacy of more than 120 Lumens per watt	We request you to allow the bidder consider the luminous efficacy as per standard of the approved manufacturers. Recommended LUX Level for any specific area shall be achieved. ---Kindly confirm.	No Change

37	Part B - C - D - E , Clause no. D, Page no. 535 Part B - C - D - E , Clause no. Q, Page no. 547	D. COMPUTER/ LAN NETWORKING/ WI-FI POINTS* Foiled shield CAT6 ACABLES & COMPONENTS, FIBER OPTICS CABLE & COMPONENTS* Standards Compliance:-shielded twisted pair cabling system, conforming to ANSI/TIA/EIA 568-C.2 CAT 6A cabling system, ISO/IEC 11801 2nd edition, EN-50173-1.* Cat 6A RJ 45 data outlets points will be provided for Computers, Networking, Telephones, Wi-Fi, Access Control, CCTV, Information Display system, BMS etc. as per requirement in rooms and other areas as drawings provided* The Data Outlet points shall be connected to Rack Panel/Computer hub with 4 pair CAT-6A wiring in recessed/ surface MS conduit as required* Foiled shield CAT6 ACABLES & COMPONENTS, FIBER OPTICS CABLE & COMPONENTS* The Data Outlet points shall be connected to Rack Panel/Computer hub with	Kindly confirm whether the data outlets and structured cables shall be CAT-6 or CAT- 6A	CAT-6A RJ45 data outlets points will be provided for Computers, Networking, Telephones, Wi-Fi, Access Control, Information Display system, BMS etc. as per requirement in rooms and other areas as drawings provided. The CCTV network will be on CAT-6 Cable. (As per Technical Specification in tender)
38	Part B - C - D - E , Clause no. L, Page no. 542 Part B - C - D - E , Page no. 1285	Each Operation Theatre will have its own dedicated Medical Isolation Power Supply panel AGSS SYSTEM (1200 LPM) Duplex Rotary Vane or Blower medical vacuum system tank mounted suitable for 16 nos operation theatre on horizontal reservoir provides superior performance with minimal maintenance	We understand that Modular Operation Theatres are not in the scope of this project. Hence Isolation Panel for OT is also not a part of this job. ---Kindly confirm.	Isolation panel is in the scope of work.
39	Part B - C - D - E , Clause no. 10., Page no. 614	MCCBs above 200A of 35 /36 KA breaking capacity rating shall be provided with microprocessor relay with suitable fault level with adjustable O/L, S/C, protection and upto 200A with Thermal Magnetic release of suitable fault level	As the mentioned clauses are not matching, we request your good self to confirm the current rating above which Microprocessor based release for MCCB shall be considered .	MCCB of 200A and below will be Thermal Magnetic release with Adjustable Short Circuit & Over Load, 250A and above microprocessor based MCCB of suitable fault level on panel & complying to technical specification.
40			Kindly clarify the type of Incomer MCCB feeder for any panel of rating lees than 200 Amps.	Consider as above and comply to technical specification

41	Part B - C - D - E , Clause no. 5.1, Page no. 626	5. Earthing for Transformers: Two separate earthing terminals to be provided at the bottom of the tank on opposite sides. The terminals shall be of clamp type suitable for connection to owners grounding strip (50x6mm).	We understand, 50X6 GI strip shall be used for grounding purpose. Please confirm.	GI strips for body earthing Cu strips for Nutural earthing
42	Part B - C - D - E , Page No. 734 Main Single Line Diagram (UPS) Drg No. : AAHII/ HOSP- WD-EL- SLD_05	Lift Schedule Total Nos of Lifts in Hospital Blocks - - 14 Nos Lift Panel (Hospital Block) Outgoing feeders in the panel indicate supply upto Lift No. 16	We understand that total 14 numbers of Lifts shall be in the scope of the contractor in 3 nos Hospital Blocks , and two nos of O/G feeders of rating 40A (4P RCBO) in the Lift Panel (Hospital Block) shall be kept for two lifts marked for future use. --- Kindly confirm	14 no lifts & two nos of O/G feeders of rating 40A (4P RCBO) in the Lift Panel (Hospital Block) shall be kept for two lifts marked for future use is confirmed. UPS – SLD , refer corrigenum . Cad files have been uploaded on the given link refer dwg no.- AAHII/HOSP-WD-EL- SLD_01 TO AAHII/HOSP- WD-EL-SLD_05
43	Part B - C - D - E , Page No. 792-794	IP CCTV BOQ	We request you to provide a Schematic Diagram of CCTV System for this project for clear understanding.	refer corrigenum . Cad files have been uploaded on the given link refer dwg no.- AAHII/HOSP-WD-EL- SCH-001
44	Part B - C - D - E , Page No. 795-797	21. Audio Visual System	We request you to provide the GFC Drawings of the Audio Visual System for quantification of items.	uploaded kindly check refer dwg no.-AAHII/R&D- WD-AV-101.9 to AAHII/R&D-WD-AV-101.13
45	Part B - C - D - E , Page No. 834 Drg Title : Main Single Line Diagram Drg No. AAHII / HOSP - WD - EL - SLD _105 Drawing Title : Site Plan Drg No. AAHII / SITE- WD/ 100	Bus Bar Trunking / Bus Duct :1.0 a) 4000A TPN Busduct, 50kA (IP-56) for Outdoor applicationb) 2500A TPN Busduct, 50kA (IP-56) for Outdoor application1.1 Supply, installation, testing & commissioning of End Terminations including Adapter box, Flexible Bellows (in case of Termination on the DG set), Flexible Joints etc with all accessories & supports etc.as required and as per site conditions.c) For 2500A TPN Busduct, with Aluminium conductor Flexible Couplings. (At DG, end)-(IP- 65)d) For 2500A TPN Busduct, with Bi-Metallic conductor Flexible Couplings. (At Synchronization Panel end)-(IP-65)Bus Duct duty is mentioned as Indoor (Both from Transformers and DG- s)Transformers are located inside Substation	Kindly clarify the duty / IP Rating of the Bus Ducts fromi) Transformers to Main LT Panelii) DG-s to Main LT Panel	For Outdoor application IP66 with canopy & Indoor application IP54

46	Part B - C - D - E , Page No. 840	9. Fire Fighting Room Panel Outgoing : All outgoing feeders (MCCB) shall be of 35kA breaking capacity and shall be provided with ON/OFF / Trip indication lamps with back up SP MCB.	Kindly confirm the breaking capacities to be considered for the outgoing feeders for Fire Fighting Room Panel .	Incomer MCCB fault level to be considered for same panel MCCB outgoing
47			For Some panels , Breaking capacities of MCCB feeders are not mentioned in SLD (e.g UPS Output Panels for Hospital Blocks etc.) In view of the above we request you to provide the breaking capacities to be considered for MCCB feeders (Both Incomers and Outgoing) as per the ratings / categories of MCCB feeders.	Incomer MCCB fault level to be considered for same panel MCCB outgoing
48	Part B - C - D - E , Page No. 858	SUB HEAD-II ACTIVE COMPONENTS	We request to provide Schematic Diagram of Active LAN , Wi-Fi & IP-PBX System.	refer corrigendum . Cad files have been uploaded on the given link refer dwg no.- AAHII/HOSP-WD-EL-SCH-001
49	Part B - C - D - E , Page No. 919 LIST OF APPROVED MAKES -- ELECTRICAL	1. 33 KV VCB Panel (OEM) -- Siemens/ ABB/ Schneider	We request you to include M/s Lauritz Knudsen (Formerly L&T) in the list and allow OEM Authorised System Houses of Specific level of Voltage grade.	No Change
50		2. Transformers (Oil Type) -- ABB/ Schneider/ Voltamp/ Kirloskar/ Crompton Greaves/	We request you to add M/s Kotsons, M/s Sudhir Transformers & M/s PVJ Power in the list	No Change
51	Part B - C - D - E , Page No. 920 LIST OF APPROVED MAKES -- INTERNAL ELECTRICAL WORKS	7. External Light Poles -- Keselecc-Classic/ Valmont/ Bajaj/ NEZONE	We request to include M/s Utkarsh & M/s Transrail in the list.	No Change
52	Part B - C - D - E , Page No. 921 LIST OF APPROVED MAKES --	1. DIESEL ENGINE -- Cummins/ Perkins/ Caterpillar	We request you to include M/s Koel / Kirloskar in the list.	No Change

	DG SET WORKS			
53	<p>Drng Title : Main Single Line Diagram Drawing No. AAHII / HOSP - WD - EL - SLD _105</p>	Scope of Work.	<p>We understand that the following works shall not be in the scope of the contractor .</p> <p>i) Supply & Installation of Cables for Bringing Supply from APDCL Assigned Tapping Point (Distance , cable size etc are not mentioned)</p> <p>ii) SITC of 33 KV HT CT/PT Metering Unit</p> <p>iii) Supply , Laying of HT Cables from Metering Unit to HT isolator Panel.</p> <p>- Kindly confirm.</p> <p>We understand that the work for the contractor will start from SITC of HT Isolator Panel and downstream of the same.</p> <p>---Request for confirmation.</p>	yes, Confirmed
54	<p>Part B - C - D - E , Page No. 929 Part B - C - D - E , Page No. 931</p>	<p>For Critical Areas : All AHU & Ducts shall have UVGI system to control spread of air borne infections. All AHUs shall have coil mounted UVGI. Duct mounted UVGI to be considered for all critical areas (such as OT, Cath- Lab, ICU, CCU, PICU, Pre-operation, Post-operation, radiology, labs & NICU).</p>	<p>Kindly clarify where would the UVGI lamp be located Inside Duct or Inside AHU or both inside AHU-s & Duct for critical areas only ?</p>	<p>Coil mounted UVGI to be considered for all AHU's.</p> <p>Duct mounted UVGI to be considered inside the duct for all critical areas</p>
55	<p>Part B - C - D - E , Page No. 1070 Part B - C - D - E , Page No.</p>	<p>_EE. PRE-INSULATED DUCT WORK: - PRE-INSULATED ALUMINIUM POLYISOCYANURATE FOAM DUCT WORK FOR AC Pre-insulated Ducting Smart PIR Ducting system (Using Sandwiched Panels of Polyisocyanurate Foam between Aluminium Foils) The duct shall be fabricated out of sandwiched panels made up of complete CFC & HCFC Free Polyisocyanurate Rigid Foam between Aluminium Foils SCHEDULE OF ITEMS FOR HVAC WORKS (High Side & Service Building)</p>	<p>Both GSS Ducting & Pre-Insulated Sandwich Panel Ducting are mentioned in Schedule of Items for Hospital Buildings. For AC Area , Non AC Area and Shaft/ Terrace ; Pre-Insulated Sandwich Panel type Ducting system were indicated. Kindly clarify the areas where Factory / Site fabricated GSS Ducting System shall be considered in Hospital Building.</p>	<p>Pre-insulated PIR duct shall be used for all AC supply, Return, Toilet exhaust, recovery duct etc.</p> <p>GI for fresh air in case of fire and smoke exhaust after by-pass arrangement</p>

56			The Same Items have been indicated in the other buildings also. May please be confirmed.	
57	Part B - C - D - E , Page No. 1252	SCHEDULE OF ITEMS FOR BMS WORKS	We request you to provide Layout Drawing for IBMS System in Auto-CAD format.	IO summary shared in the NIT, however the detail layout drawings to be prepared by bidder as shop drawings.
58	Part B - C - D - E , Page No. 1257	LIST OF APPROVED MAKE FOR HVAC WORKS 1. Chillers YORK / CARRIER / DAIKIN / TRANE (Subject to complying with the technical specifications)	We request you to add M/s Kirloskar in the list.	No Change
59	Part B - C - D - E , Page No. 1257	LIST OF APPROVED MAKE FOR HVAC WORKS 2. Chilled/ Condenser Pumps : Armstrong / Xylem/ Grundfos.	We request you to add M/s Matherplatt , M/s Kirloskar , & M/s Lubi in the list.	No Change
60	Part B - C - D - E , Page No. 1257	LIST OF APPROVED MAKE FOR HVAC WORKS 8. Air Handling Units with Coils etc VTS / CARRIER / SYSTEMAIR / FLAKTWOOD/ ZECO / EDGETECH 13. Fan Coil Unit & Cassette Unit VTS / CARRIER / SYSTEMAIR / FLAKTWOOD/ ZECO/ EDGETECH	We request to include M/s Crystal , M/s Humidin & M/s Citizen in the list.	No Change
61	Part B - C - D - E , Page No. 1257	LIST OF APPROVED MAKE FOR HVAC WORKS 16 . Centrifugal Fans/Fan section/Plug Fans VTS / KRUGER / COMFERI / NICOTRA / SYSTEMAIR 17. Axial Flow Fans KRUGER / SYSTEMAIR / GREENHECK / MAICO	We request you to add M/s Humidin & M/s Airflow in the list.	No Change
62	Part B - C - D - E , Page No. 1261	Part - 4 NURSE CALL SYSTEM, MGPS & MEDICAL SERVICES	We understand Only Nurse Call System & MGPS are in the scope for this tender. ---Please confirm.	Refer Scope of work
63	Part B - C - D - E , Page No. 1276	List Of Makes for Nurse Call System Nurse Call System Hampton / Schrack Seconet / Rauland / ZKR / Austco/Norris/Baid Power	We request you to include M/s MDD , M/s PES , M/s MPS , M/s Medfreshe & M/s Etticos in the list.	No Change
64	Part B - C - D - E , Page No. 1277	MEDICAL GAS PIPELINE SYSTEM (MGPS):	Request to provide Matrix of MGPS System.	refer corrigendum . Cad files have been uploaded on the given link refer cad file name: MGPS-400.1_COMPILED GF to MGPS-400.7_COMPILED 6TH FLR
65	Part B - C - D - E , Page No. 1300	List Of Makes for MGPS --- Drager / Ohio / Amico / Beacon Medaes/ Aktiv	We request you to include M/s MDD , M/s PES , M/s MPS , M/s Medfreshe in the list.	No Change

66	Drawings	R & D block:-MEP-Fire Fighting Drawings- AutoCAD & PDF	Drawings of Fire fighting are not missing. We request you to provide the Fire fighting drawings of R & D Block in both AutoCAD and PDF format.	refer corrigendum . Kindly refer plumbing drawing list for firefighting drawings
67	Additional queries			
68	Drawings	Tender Drawing No: AAHII/HOSP-WD/202.1 PORCH-01 -Hexagonal metal Column OPD ENTRANCE PORCH 1,2,3	Request to provide the structural details of components Hexagonal metal Column indicating the sizes and weight.	refer corrigendum . Cad files have been uploaded on the given link refer dwg no.-2023-076-GD-S-15.03
69	Drawings	Tender Drawing No: AAHII/HOSP-WD/203.4 Terrace Portal Details	Request to provide the sizes and details of MS tubular members with unit weight.	refer corrigendum . Cad files have been uploaded on the given link refer dwg no.-2023-076-GD-S-15.02
70	Drawings	Tender Drawings Doors and windows Details (Hospital) - Aluminium Doorframe	Request to provide the details of Aluminium section to be used for Door frames.	already given kindly refer dwg no.-AAHII/HOSP-WD/108.1E
71	Drawings	Drawing No. AAHII/HOSP-COMB-WD/101.8 Hospital Terrace floor Plan -Door D6C	The Door Notation D6C as mentioned in Drawing is not provided in Door window details. Request to provide details or else suggest any other door available in the given Door schedule.	consider D6C as FD1
72	Hospital Part D Schedule of Finishes	S.No 25 Kitchen -In finishing schedule mentioned as per vendor . In drawing mentioned not in scope.	Request to specify the scope and provide the details of finishes accordingly.	finishing of kitchen is as / kitchen vendor
73	Hospital Part D Schedule of Finishes	S.No 27 Laundry -In finishing schedule mentioned as per vendor .	Request to specify the scope and provide the details of finishes accordingly.	finishing of laundry is as / laundry vendor
B				
<u>LARSEN & TURBO LIMITED (L&T Ltd.)</u>				
Sl.	Document reference / Page No.	NIT Description	Clarifications sought	Remarks by AGIHF
1	General	Tender Timelines	This being an EPC Mode-III contract, needs sufficient time to go through the voluminous drawings and to quantify the scope items. Hence request you to kindly arrange for second pre-bid meeting after the issuance of clarifications to first pre-bid queries and also request you to kindly grant an extension of 4 weeks to bid submission date. Kindly confirm	There is no provision of 2nd Pre-Bid Meeting.

2	General	Labour Colony & Batching Plant	We request you to kindly allow us to set up the labour camp, Batching plant and site temporary establishment within the site. Kindly confirm.	It will be done at site and Executing Agency has to check the suitability as per site conditions.
3	General	Water & Power	We presume that Contractor is allowed to drill bore hole for construction water and Power will be supplied at single tapping point by employer. Kindly confirm	Water: Bore Hole permitted. Electricity: The Executing Agency has to arrange for Temporary Electric Connection.
4	Tender Document/GCC 1 (iv)	In the event of the contract being determined or rescinded under provision of any of the Clause/Condition of the agreement, the performance guarantee shall stand forfeited in full and shall be absolutely at the disposal of the AGIHF.	This clause is to be modified as "In the event of the contract being determined or rescinded under provision of any of the Clause/Condition of the agreement due to defaults attributable to the Contractor, the performance guarantee shall stand forfeited in full and shall be absolutely at the disposal of AGIHF." Kindly confirm.	No Change
5	Tender Document/GCC 3	When Contract can be Determined	It is requested that in the case of any of the events listed under this clause entitling the Authority to determine the Contract, the same shall be first notified to the Contractor and if the Contractor fails to remedy the default within a cure period of not less than 45 days, then the Authority may terminate. On such termination the contractor shall be entitled to receive payments towards all works performed until the date of termination and without prejudice to the contractor's claims before such termination. Kindly confirm.	No Change
6	Tender Document/GCC 3	And in case action is taken under any of the provision aforesaid, the contractor shall not be entitled to recover or be paid any sum for any work thereof or actually performed under this contract unless and until the AGIHF has certified in writing the performance of such work and the value payable in respect thereof and he shall only be entitled to be paid the value so certified.	We also seek modification of this clause as "And in case action is taken under any of the provision aforesaid, the contractor shall be entitled to recover or be paid sum for work actually performed under this contract until the date of termination." Kindly confirm.	No Change

7	Tender Document/GCC 3A	<p>In case, the work including planning designing and execution as per scope of contract 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 180 days whichever is higher, 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 of closing of the contract. Neither party shall claim any compensation for such eventuality. This clause is not applicable for any breach of the contract by either party.</p>	<p>In such an event, AGIHF shall be liable to : a) return the Performance Security / Advance Bank Guarantee/Retention amounts to the Contractor; (b) pay the amounts payable for any work carried out until the effective of termination, at a price is stated in the Contract; (c) pay the Cost of Plant and Materials ordered for the Works which have been delivered to the Contractor, or of which the Contractor is liable to accept delivery: this Plant and Materials shall become the property of (and be at the risk of) the Employer when paid for by the Employer, (d) pay any other Cost or liability which in the circumstances was reasonably incurred by the Contractor in the expectation of completing the Works; (e) the Cost of removal of labour, Equipment and other resources from the Site and the return of these items after the date of termination." Kindly confirm.</p>	No Change
8	Tender Document/GCC 3A	<p>Contractor liable to pay compensation even if action not taken under Clause 3</p>	<p>We seek deletion of this clause. Kindly confirm.</p>	No Change
9	Tender Document/GCC 4	<p>In the event of the AGIHF putting in force all or any of the powers vested in him under the preceding clause he may, if he so desires after giving a notice in writing to the contractor, take possession of (or at the sole discretion of the AGIHF which shall be final and binding on the contractor) use as on hire (the amount of the hire money being also in the final determination of the AGIHF) all or any tools, plant, materials and stores, in or upon the works, or the site thereof belonging to the contractor, or procured by the contractor and intended to be used for the execution of the work/or any part thereof, paying or allowing for the same in account at the contract rates, or, in the case of these not being applicable, at current market rates to be certified by the AGIHF, whose certificate thereof shall be final, and binding on the contractor, clerk of the works, foreman or other authorized</p>	<p>We seek deletion of the finality language in this clause. All decisions shall be subject to arbitration. This clause is to be modified as "In the event of the AGIHF putting in force all or any of the powers vested in him under the preceding clause he may, if he so desires after giving a notice in writing to the contractor, take possession of (or at the sole discretion of the AGIHF which shall be binding on the contractor) use as on hire (the amount of the hire money being also in the determination of the AGIHF) all or any tools, plant, materials and stores, in or upon the works, or the site thereof belonging to the contractor, or procured by the contractor and intended to be used for the execution of the work/or any part thereof, paying or allowing for the same in account at the contract rates,</p>	No Change

		agent to remove such tools, plant, materials, or stores from the premises (within a time to be specified in such notice) in the event of the contractor failing to comply with any such requisition, the AGIHF may remove them at the contractor's expense or sell them by auction or private sale on account of the contractor and his risk in all respects and the certificate of the AGIHF as to the expenses of any such removal and the amount of the proceeds and expenses of any such sale shall be final and conclusive against the contractor.	or, in the case of these not being applicable, at current market rates to be certified by the AGIHF, whose certificate thereof shall be binding on the contractor, clerk of the works, foreman or other authorized agent to remove such tools, plant, materials, or stores from the premises (within a time to be specified in such notice) in the event of the contractor failing to comply with any such requisition, the AGIHF may remove them at the contractor's expense or sell them by auction or private sale on account of the contractor and his risk in all respects." Kindly confirm.	
10	Tender Document/GCC 7	In case, if there is any delay in release of Running Account Payment(s) beyond 30 days on account of unforeseen reasons not under the control of AGIHF, contractor shall not be liable for any claim on this account.	We seek deletion of this extracted portion of the clause. Kindly confirm.	No Change
11	Tender Document/GCC 8	Within ten days of the completion of the work, the contractor shall give notice of such completion to the AGIHF and within thirty days of the receipt of such notice, the AGIHF shall inspect the work and if there is no defect in the work, shall furnish the contractor with a final certificate of completion, otherwise a provisional certificate of physical completion indicating defects (a) to be rectified by the contractor and/or (b) for which payment will be made at reduced rates, shall be issued	If AGIHF does not either reject the certificate with reasons or respond to the application of the contractor within the said period, the completion shall be deemed achieved and the DLP shall commence. Further, in the event AGIHF takes over/puts to use any part of the works/blocks, the portion of such works/blocks shall be deemed completed/taken over and the DLP shall commence for such portions of the works. Kindly confirm.	No Change
12	Tender Document/GCC 8A	In case, the contractor fails to submit the completion plan as aforesaid, he shall be liable to pay a sum of 0.1 % (zero point one percent) of accepted Tendered Value or limit prescribed in Schedule F whichever is more as may be fixed by the authority as mentioned in Schedule F and in this respect the decision of the that authority shall be final and binding on the contractor.	This clause is to be modified as "In case, the contractor fails to submit the completion plan as aforesaid, he shall be liable to pay a sum of 0.1 % (zero point one percent) of accepted Tendered Value or limit prescribed in Schedule F whichever is more as may be fixed by the authority as mentioned in Schedule F and in this respect the decision of the that authority shall be binding on the contractor." Kindly confirm.	No Change

13	Tender Document/GCC 12	<p>The rates for both the components i.e. materials & labour shall be based on prevailing market rates. The rate finalized by the AGIHF shall be final and binding.</p> <p>12.3.2 In case of either non-submission of timely proposal or incomplete proposal by the contractor for deviations/variations, the AGIHF shall give final opportunity to the Contractor to submit the complete proposal for change of cost within next 15 days. In case of non-submission or further incomplete submission by the contractor within the stated period, the AGIHF shall initiate the proposal and decide the change of cost. In such case the proposal finalized by the AGIHF shall be final and binding on the contractor.</p>	The rate and proposal determined by AGIHF shall not be final. The same shall be subject to the dispute resolution process. Kindly confirm.	It is clarified that this Clause is regarding Deviations, Variations Extent and Pricing. No Change.
14	Tender Document/GCC 13- Foreclosure of contract due to Abandonment or Reduction in Scope of WorkThe contractor shall have no claim to any payment of compensation or otherwise whatsoever, on account of any profit or advantage which he might have derived from the execution of the works in full but which he did not derive in consequence of the foreclosure of the whole or part of the works.	We seek deletion of this clause. Kindly confirm.	The relevant Clause is self-explanatory.
15	Tender Document/GCC 15	In the event of the contractor treating the suspension as an abandonment of the contract by AGIHF, 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.	The extracted portion of the clause is sought for deletion. Kindly confirm.	No Change
16	Tender Document/GCC 14-Pre Construction Activities	The data supplied by the AGIHF, if any, are for General Guidance only. The contractor shall be responsible for carrying out pre- construction activities for construction of work as defined in the tender documents. The contractor shall also carry out site investigations to verify site details / Data at his own cost.	The Contractor should be entitled to additional costs in the event of any major changes in the data post the opening of the Bid, which could not have been reasonably foreseen by an experienced contractor. Kindly confirm.	No Change

17	Tender Document/GCC 15-Suspension of Work	(ii) 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;	The contractor shall also be entitled to reasonable costs plus profit incurred as a result of suspension. Kindly confirm.	No Change
18	Tender Document/GCC 16	In such case the AGIHF may not accept the item of work at the rates applicable under the contract but may accept such items at reduced rates as the authority specified in schedule 'F' may consider reasonable during the preparation of on account bills or final bill or any other amount due to the Contractor, if the item is so acceptable without detriment to the safety and utility of the item and the structure or he may reject the work outright without any payment and/or get it and other connected and incidental items rectified, or removed and re-executed at the risk and cost of the contractor. Decision of the AGIHF to be conveyed in writing in respect of the same will be final and binding on the contractor.	This clause is to be modified as "In such case the AGIHF may not accept the item of work at the rates applicable under the contract but may accept such items at reduced rates as the authority specified in schedule 'F' may consider reasonable during the preparation of on account bills or final bill or any other amount due to the Contractor, if the item is so acceptable without detriment to the safety and utility of the item and the structure or he may reject the work outright without any payment and/or get it and other connected and incidental items rectified, or removed and re-executed at the risk and cost of the contractor. Decision of the AGIHF to be conveyed in writing in respect of the same will be binding on the contractor." The decision of the AGIHF shall be subject to arbitration. Kindly confirm.	No Change
19	Tender Document / GCC 19 B-Payment of Wages	iv) (a) The AGIHF concerned shall have the right to deduct from the moneys due to the contractor any sum required or estimated to be required for making good the loss suffered by a worker or workers by reason of nonfulfillment of the conditions of the contract for the benefit of the workers, non-payment of wages or of deductions made from his or their wages which are not justified by their terms of the contract or non-observance of the Regulations	Before exercising any such rights, we request that AGIHF shall issue notice of such non-compliance to the Contractor and in the event the Contractor fails to remedy the non-compliance within a reasonable period, the AGIHF shall proceed. Kindly confirm.	No Change.

20	Tender Document / GCC 19G	<p>In the event of the contractor(s) committing a default or breach of any of the provisions of the AGIHF, Contractor's Labour Regulations and Model Rules for the protection of health and sanitary arrangements for the workers as amended from time to time or furnishing any information or submitting or filing any statement under the provisions of the above Regulations and' Rules which is materially incorrect, he/they shall, without prejudice to any other liability, pay to the AGIHF a sum as mentioned in Schedule F for every default, breach or furnishing, making, submitting, filing such materially incorrect statements and in the event of the contractor(s) defaulting continuously in this respect, the penalty may be enhanced to as mentioned in Schedule F per day for each day of default subject to a maximum of 5 percent of the estimated cost of the work put to tender. The decision of the AGIHF shall be final and binding on the parties.</p>	We seek deletion of this penalty clause. Kindly confirm.	No Change.
21	Tender Document / GCC 19J	<p>It shall be the responsibility of the contractor to see that the building under construction is not occupied by unauthorized person(s) during construction, and is handed over to the AGIHF with vacant possession of complete building. If such building though completed is occupied illegally, then the AGIHF shall have the option to refuse to accept the said building/buildings in that position. Any delay in acceptance on this account will be treated as the delay in completion and for such delay, a compensation shall be levied as per clause 2 of the agreement, by the Engineer-in-charge whose decision shall be final both with regard to the justification and quantum and be binding on the contractor.</p>	The Contractor should ideally be made liable only for unauthorised occupation by persons associated with the Contractor. In the event, such a situation arises, it is suggested that AGIHF kindly assist the Contractor in removing such unauthorized persons. Kindly confirm.	Suitable assistance shall be provided by AGIHF
22	Tender Document/GCC 20- Minimum Wages Act to be Complied With	<p>The contractor shall comply with all the provisions of the Minimum Wages Act, 1948, and Contract Labour (Regulation and Abolition) Act, 1970, amended from time to time and rules framed there under and other labour laws affecting contract labour that may be brought into force from time to time</p>	Please confirm that Contractor shall be entitled for reimbursement of any changes in the minimum wages. Further, any new laws, consolidation of laws, amendments coming into effect after the tender submission shall be to the account of the Employer/AGIHF.	The Executing Agency shall not be entitled for any reimbursement due to increase in labour Wages.

23	Tender Document/GCC 21-Work not to be sublet, Action in case of insolvency	The contract shall not be assigned or sublet without the written approval of the AGIHF.	We seek that suppliers, plant/equipment providers, and civil work labour contractors shall not be construed as subcontractors for the purpose of this clause. Kindly confirm.	This is to confirm that Suppliers, Plant/Equipment providers and Civil Work labour contractors will not be construed as sub-contractors.
24	Tender Document/GCC 25.2 (b)	It is a term of this contract that each member of the Arbitral Tribunal shall be Graduate Engineer with experience in execution of public works engineering contracts, and he should have worked earlier at a level not lower than the Chief Engineer (equivalent to level of Joint Secretary to the Govt of India). The aforesaid educational qualification and work experience shall be mandatory for appointment as Arbitrator. The age of Arbitrator at the time of appointment shall not exceed 75 years. An Arbitrator may be appointed notwithstanding the total number of active arbitration cases with him	We seek the deletion of such qualification criteria for arbitrators. Kindly confirm.	No Change
25	Tender Document/GCC 25.3	Appointment of Sole Arbitrator: This shall be at the sole discretion of AGIHF. The Director, AGIHF who shall appoint the Arbitrator. The Arbitrator Appointing Authority shall propose five Arbitrators from the empanelled list of CPWD Empanelled Arbitrators to the party seeking arbitration under intimation to the other party within 15 days of receiving the notice. The party seeking arbitration shall give his choice for one of them within 15 days of receiving the list, and the Arbitrator Appointing Authority shall appoint the chosen person as the Sole Arbitrator within 15 days of the receipt of choice. It is a term of this arbitration agreement that if the party fail to select, within the period prescribed above, an Arbitrator of their choice from the list of CPWD Empanelled Arbitrators forwarded to them, the Arbitrator Appointing Authority shall himself select and appoint Arbitrator from the said list.	We seek deletion of this clause. In case of a sole arbitrator, they shall be an independent person mutually appointed by the parties without reference to the panel maintained by CPWD. If the parties fail to agree on the arbitrator, then such arbitrator shall be appointed as provided in the Arbitration and Conciliation Act 1996. Kindly confirm.	No Change

26	Tender Document/GCC 25.4	The Arbitrator Appointing Authority shall prepare two separate lists of five Arbitrators each from the list of CPWD Empanelled Arbitrators, and send one to the party seeking arbitration and other to the responding party, within 15 days of the receipt of notice. The parties will then choose any one Arbitrator from the list provided to them within 15 days of receipt of the list. The Arbitrator Appointing Authority shall then appoint those chosen by the respective parties as Arbitrators and also a third Arbitrator from the list of CPWD Empanelled Arbitrators to act as presiding Arbitrator, within 15 days of receipt of choice from both the parties.	We seek deletion of this clause. The arbitrators shall be independent persons appointed by the parties without reference to any panel maintained by CPWD. In case of three arbitrators, each party shall appoint an arbitrator, who shall in-turn appoint the third presiding arbitrator. If the parties fail to appoint the arbitrators, then such arbitrators shall be appointed as provided in the Arbitration and Conciliation Act 1996. Kindly confirm.	No Change
27	Tender Document/GCC 25.5	Further, the fast-track procedure for arbitration contained in Section 29B of the said Act shall apply.	Fast Track Procedure can be agreed by the parties at the dispute resolution stage depending on the nature of dispute and value of claims. Kindly confirm.	No Change
28	Tender Document/GCC 25.6	The fee payable to the arbitral tribunal shall be as per CPWD OM No.2/2006/SE(TLC)/CSQ/137 dated 19.11.2019 (or latest amendment), and shall be shared equally by both the parties.	We seek that the Fees of the arbitrators shall be as per the Fourth Schedule of the Arbitration & Conciliation Act 1996 as amended from to time. Kindly confirm.	No Change
29	Tender Document/GCC 25.8	Terms of reference: The Arbitral Tribunal shall adjudicate on only such disputes as are referred to it by the Arbitrator Appointing Authority	We seek deletion of scope of reference. Parties shall be entitled to raise all claims and disputes at any stage of the arbitration proceedings. Kindly confirm.	No Change
30	Tender Document/GCC 25.9	It is also a term of this arbitration agreement that where the Arbitral award against any dispute is for the payment of money, no pre-suit and pendent elite interest shall be payable on any part of the Arbitral award	We seek deletion for this clause. All matters pertaining to interest shall be decided by the Arbitral Tribunal. Kindly confirm.	No Change.
31	Tender Document/GCC 27	Withholding and lien in respect of sum due from Contractor	We seek deletion for this clause. The lien/charge shall be exercised only for undisputed sums payable by the Contractor. AGIHF shall raise the claim within 28 days of occurrence of the event of claim. Kindly confirm.	No Change.
32	Tender Document/GCC 28	Lien in respect of claims in other Contracts	We seek deletion for this clause. The rights and liabilities of the parties shall be restricted to this contract. Kindly confirm.	No Change.

33	Tender Document/New Clause	(New Clause- Limitation of Liability)	We seek the insertion of a limitation of liability clause - "The Contractor shall not be liable for any loss of use of any works, loss of profit, loss of any contract or for any indirect or consequential loss or damage which may be suffered by the AGIHF in connection with the Contract. The aggregate liability of the Contractor relating to this Contract shall not exceed the tendered value of the Works" Kindly confirm.	Not accepted.
34	Tender Document/New Clause	(New Clause- Suspension by Contractor)	We seek the inclusion of a new clause: "If AGIHF/its representatives fails or delays to release the payments and or perform any other obligations under this Contract, the Contractor may, after giving not less than 21 days' notice to AGIHF, suspend work (or reduce the rate of work) unless and until the Contractor has received the payment or the breach is remedied. The Contractor's action shall not prejudice its other rights and entitlements including interest on delayed payments. If the Contractor suffers delay and/or incurs Cost as a result of suspending work (or reducing the rate of work), it shall be entitled to :(a) an extension of time for any such delay, if completion is or will be delayed, and (b) payment of any such Costs incurred as a result thereto." Kindly confirm.	Not Accepted.
35	Tender Document / New Clause	(New Clause- Indemnity conditions)	We seek the insertion of the following clause - "All instances of Indemnity by the Contractor shall be subject to the following: a) limited to the actually incurred direct costs due to the event indemnified; b) the event must be fully attributable to the Contractor and the Contractor is immediately notified upon receipt of the claim; c) the indemnities shall be defended solely by the Contractor". Kindly confirm.	Not Accepted.

36	Tender Document/New Clause	(New Clause- Change in Laws)	<p>We seek the following clause to be added in the Conditions of Contract- "If after the date Twenty Eight (28) days prior to the deadline for submission of bids, if there is any Change in Laws which affects the Contract Period or Contract Price, then the Contractor shall be entitled to due extension of time and adjustment of Contract Price to take account of such changes in laws</p> <p>"Change in Law" means the occurrence of any of the following subsequent to the Effective Date:</p> <p>(a) the enactment, coming into force, adoption, amendment, re-enactment, consolidation, promulgation, modification or repeal of any existing and/or introduction of new applicable Laws;</p> <p>(b) the imposition of any material condition on the issuance or renewal of any approvals, permits, certifications under applicable Laws; or</p> <p>(c) imposition of new Taxes and/or change in the rate of existing Taxes.</p> <p>"Laws" shall mean all national (or state) legislation, statutes, ordinances, notifications, judicial decisions, and other laws, legislative, judicial, executive or AGIHF al decisions, directions, guidelines, policies or regulations and by-laws of any legally constituted public authority, .</p> <p>"Taxes" shall mean all taxes, duties, cess, levies et al applicable for performance of the Works." Kindly confirm.</p>	Not Accepted.
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37	Tender Document/New Clause	(New Clause- Termination by Contractor)	<p>The following clause to be added in the Conditions of Contract "The Contractor shall be entitled to terminate the Contract if:</p> <p>a) The breach of AGIHF is not remedied and/or continues despite suspension of contract by the Contractor</p> <p>b) AGIHF assigns, sublets or transfers this Contract in contravention to the terms of this Contract.</p> <p>The Contractor may upon giving 14 days' notice to AGIHF, terminate this Contract in any of the other events listed out hereinabove, without prejudice to its other rights under contract or otherwise; The Contractor shall be entitled to:</p> <p>i) return of all performance securities furnished by the Contractor under this Contract</p> <p>ii) payments which shall include:</p> <p>(a) the amounts payable for any work carried out for which a price is stated in the Contract;</p> <p>(b) the Cost of Plant and Materials ordered for the Works which have been delivered to the Contractor, or of which the Contractor is liable to accept delivery;</p> <p>(c) any other Cost or liability which in the circumstances was reasonably incurred by the Contractor in the expectation of completing the works" Kindly confirm.</p>	Not accepted.
38	Schedule F/2	Applicable mode of EPC Mode III. Detailed design & drawings to be provided by the Owner	Since the detailed designs will be provided by the Owner, contractor is entitled to due extension of time/costs arising out of any errors in such designs, and that contractor is not responsible for any increased design responsibility such as a 'fit for purpose' requirement those beyond the tender requirements. Kindly confirm	Not Accepted.
39	Schedule F/7	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 For Civil work: Rs. 6 Crore For MEPPF & Medical Services work: Rs. 2.5 Crore The minimum value of RA Bills as stipulated above shall be applicable from 4th RA Bill onwards.	We request you to kindly reduce the minimum bill value of Civil works to Rs. 3 Crore. Kindly confirm	No Change

40	Schedule F/10CC	Price adjustment for Works Not applicable	As per Cl. 6.5.6 of Manual for Procurement of Works, Price variation to be allowed for projects having completion period more than 18 months. Hence, We request you to Kindly allow for price variation in accordance with cl. 10CC and kindly provide the Component percentages. Please confirm	Refer Corrigendum dated 05.10.2024
41	Form-F , 46/170, Declaration About Site Inspection	It is hereby declared that as per the FORM-6 FOR e-BIDDING and as per the terms and conditions of this tender document, I/ We the bidder inspected and examined the subject site and its surrounding and satisfy myself / ourselves as to the nature of the ground and sub-soil (so far as is practicable), the forms and nature of the site./ ourselves before submitting the bid, the accommodation which may require and all necessary information as to risks, contingencies and other circumstances which may influence or affect our bid have been obtained. I/We the bidder shall have full knowledge of the site and no extra charge consequent upon any misunderstanding or otherwise shall be claimed in later date. I /We bidder shall be responsible for arranging and maintaining at own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by me/us implies that I / We have read this notice and all other contract documents and has made myself /ourselves aware of the scope and specifications of the work to be done and local conditions and other factors having a bearing on the execution of the work.	We request you to kindly replace the extracted clause I/We the bidder shall have full knowledge of the site and no extra charge consequent upon any misunderstanding or otherwise shall be claimed in later date. With I/We the bidder shall have full knowledge of the site and In case of any unforeseen physical conditions encountered at site shall be at extra charge and shall be claimed in later date by the Contractor. Please confirm	No Change.
42	Schedule F, 68/170	Authority to decide (iii) Shifting of date of start in Case of delay in handing over of site - (AGIHF) Schedule of handing over of site: On Stipulated date of Start of Work	Kindly amend the clause. Shifting of date of start in case of delay in handing over of site is not acceptable. Kindly provide clarity on commencement as well as schedule of handing over of site by the Employer. Kindly confirm	No Change

43	GCC clause 8.2, 83, Discrepancies and Adjustment of Errors	If there are varying or conflicting provisions made in any one document forming part of the contract, the Accepting Authority shall be the deciding authority with regard to the intention of the document and his decision shall be final and binding on the contractor.	Kindly replace the extracted clause as follows "If there are varying or conflicting provisions made in any one document forming part of the contract, the Accepting Authority shall be the deciding authority with regard to the intention of the document and his decision should be mutually agreed between the parties." Kindly confirm	No Change
44	GCC Clause 3A, 88, When Contract can be Determined	<p>In case, the work including planning designing and execution as per scope of contract 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 180 days whichever is higher, 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 of closing of the contract.</p> <p>Neither party shall claim any compensation for such eventuality. This clause is not applicable for any breach of the contract by either party.</p>	In case works cannot be commenced within 1/8th of the stipulated time for completion of work or 180 days whichever is higher for the reasons attributable to the Employer ; Contractor to be entitled for reasonable compensation for loss of profits. Please confirm	No Change.
45	SCC Clause 7, 128 , Soil investigation report	The contractor (s) shall study the soil investigation report for the project work site, and satisfy himself about complete characteristics of soil and other parameters of site. However, the contractor has to acquaint himself completely about the soil conditions and characteristics and no claim whatsoever on the alleged inadequacy or incorrectness of the soil report/data provided shall be entertained.	Kindly add the contractor's entitlement to cost claim in case of any unforeseen physical conditions encountered by the Contractor. Kindly confirm	No Change
46	Tender Doc / 5 /148	5. There may be several incidental works, which may not be mentioned explicitly in the contract document/specifications but shall be necessary to complete the item in all respect. All such incidental works shall be executed as per sound engineering practices and the direction of the Engineer-in-charge and shall be deemed to be included in the overall amount quoted by the contractor. No adjustment of rates shall be made on account of incidental works.	As the Employer seeks firm price with the scope of works being open ended. It will not be possible to estimate a price without the scope being properly frozen. We therefore request the Employer to kindly modify this provision suitably and amend the conditions to allow for contractor's/Employer's right to adjustment of basic price in case of any deviation to the scope of works during the performance. Please clarify	No Change

47	Tender Doc / 6 / 148	6. In case specifications of some of items are not explicitly mentioned in the bid documents same shall be adopted as given in the CPWD Specifications, NBC-2016, BIS Codes or according to sound engineering practices so as to make the building and services fully functional. No claim what so ever shall be entertained on this account.	As the Employer seeks firm price with the scope of works being open ended. It will not be possible to estimate a price without the scope being properly frozen. We therefore request the Employer to kindly modify this provision suitably and amend the conditions to allow for contractor's/Employer's right to adjustment of basic price in case of any deviation to the scope of works during the performance. Please Clarify	No Change
48	Tender Doc / 7 (i) /149	(i) Even if anything missed in description in Schedule of Finishes and Schedule of Items but included in the scope of work and to make those particular services operational, the same shall be executed with appropriate design keeping in view local by-laws requirements etc., Nothing extra shall be paid.	As the Employer seeks firm price with the scope of works being open ended. It will not be possible to estimate a price without the scope being properly frozen. We therefore request the Employer to kindly modify this provision suitably and amend the conditions to allow for contractor's/Employer's right to adjustment of basic price in case of any deviation to the scope of works during the performance. Please Clarify	No Change.
49	PARTICULAR SPECIFICATIONS – STRUCTURE & CIVIL WORKS 3.3 Materials /213 Clause 3.3 , i	The cement used shall be ordinary Portland cement conforming to IS 8112 - 1989.Latest revision) of grade 43/ IS 12269 - 2013 (Latest revision) with maximum fly ash content of 30 %, for all works except where specifically mentioned in the Drawings, Bill of Quantities, and/or directed by the Engineer-in-charge . PPC conforming to 1489 (Part I) - 1991 (Latest revision) can also be allowed without fly ash.	35% fly ash replacement shall be allowed for PCC. As per IS 1489 the Amendment No 3.the fly ash constituent shall be not less than 15 percent and not more than 35 percent by mass of Portland-pozzolana cement. To make concrete, PPC conforming to IS 1489 (Part 1) and OPC conforming to IS 269 for interblending with fly ash shall be allowed. Please confirm.	No Change.

50	<p>PARTICULAR SPECIFICATIONS – STRUCTURE & CIVIL WORKS 3.3 Materials b) Aggregates iii) Coarse Aggregate /213</p>	<p>Coarse Aggregates shall be crushed stone. The pieces shall be angular, rounded in shape and shall have granular or crystalline or smooth (but not glossy) non-powdery surface. Fragile, flaky and laminated pieces, and mica shall not be present.</p> <p>The "Aggregates Crushing Value" shall not exceed 45%. The amount of fine particles occurring in a free state or as a loose adherent shall not exceed 1%. When determined by the laboratory sedimentation test, after twenty-four hours immersion in water. A previously dried sample of the coarse aggregates shall not have gained in weight more than 5%. Size of coarse aggregate shall be maintained within tolerance limit of 2.5%.</p> <p>The grading of coarse aggregate shall be such that not more than 5% shall be larger than 20 mm and not more 10% shall be smaller than 5 mm and not less than 25% or more than 55% shall be smaller than 10 mm.</p> <p>Maximum size of coarse aggregate shall be of 20 mm unless otherwise noted.</p> <p>The grading of coarse aggregate of nominal size of 40 mm shall be such that not more than 5% shall be larger than 40 mm and not more than 5% shall be smaller than 5 mm and not less than 10% or more than 35% shall be of 10 mm size. Aggregate (Fine and Coarse) shall be thoroughly washed with clean water if so directed by the Engineer-in-charge.</p> <p>Fragile, flaky and laminated pieces, and mica shall not be present. Aggregate should be free from fine holes and stone should not be weathered.</p>	<p>Aggregates (Fine and Coarse) conforming to IS 383 shall be used. Please confirm.</p>	<p>It shall be as per IS:383</p>
51	<p>LIST OF APPROVED / PREFERRED MAKES /358</p>	<p>Ordinary Portland Cement / Portland Pozzolona Cement, ACC Ultratech J. K Cement Dalmia Lafarge Birla</p>	<p>Please include the following makes: Ambuja, Black Tiger, Star, Max, Topcem.</p>	<p>Star make is included</p>

52	LIST OF APPROVED / PREFERRED MAKES / 359	Plasticizer, Super Plasticizer, Admixtures, Other construction chemicals, BASF Fosroc Pidilite MYK LATICRETE	Please include the following makes: Gravis (L&T), Tremco (Euclid), Asian Paints, DCP, CAC, First Choice.	Asian Paints make is included
53	LIST OF APPROVED / PREFERRED MAKES /359	Curing compound : Fosroc, Pidilite , BSF ,Kerakoll, MYK LATICRETE	Please include the following makes: Gravis (L&T), Tremco (Euclid), Asian Paints, DCP, CAC, First Choice.	No change
54	SCHEDULE OF ITEMS, SCHEDULE OF ITEMS FOR HVAC WORKS (High Side & Service Building), Sr. No A,1, 1.1, 2, 2.1 / 1200 & 1201	Chiller shall be capable to unload from 100% to 20% even at constant ECWT of 92 degree Fahrenheit, without surging and without hot gas bypass	We request to consider chiller unload upto 25%. As per the standard AHRI guideline and the tender specification also the chiller testing is to be done on 4 points load i.e. 100%, 75%, 50% and 25% load test, hence we request to consider the chiller unload upto 25% at constant condenser entering temperature of 92 degree Fahrenheit.	Chiller shall be capable to unload from 100% to 25% even at constant ECWT of 92 degree Fahrenheit, without surging and without hot gas bypass
55	Part-B-C-D-E / 1060 /1256	The dampers shall meet the requirements of NFPA90A, 92A and 92B. Dampers shall have a fire rating of 1.5 Hrs. in accordance with latest edition of UL555 and shall be classified as Leakage Class 1 smoke damper in accordance with latest edition of UL555S.46 Fire & Smoke Dampers UL Listed UL555 , UL555S 47 Fire Dampers UL Listed UL555 , UL555S	There is discrepancy between the two clauses in Page no. 1060 & 1256. We presume Fire dampers & fire and smoke dampers shall be as per UL555, UL555S standards & tested as per CBRI. Please confirm.	As per NIT, UL listed only
56	Soil report	Soil investigation	It is observed that in soil investigation report following details are not available, kindly provide the below details: 1. chemical results 2. Soaked CBR value 3. ERT results	The Soil Report is self-explanatory.
57	General	HFL	Kindly provide the High flood level(HFL) of the site, since the site is near to Brahmaputra river.	As per GFC

58	AAHII/SIT E-WD/100.3c	Road	1.In typical cross section of road Bituminous concrete thickness is not provided & also kindly confirm the CBR & Traffic volume considered for this typical cross section. 2.Kindly confirm whether the design of Roads can be as per IRC code.	1. As per uploaded drawing no. 2023-076-GD-S-15.01 2. Confirmed
59	AAHII/SIT E-WD/100.3c	Pavers	Kindly confirm whether the design of Pathway & Parking pavers can be as per IRC SP 63:2018	Confirmed
60	2023-076-R&D-S-01.A	Pile foundation with 600 mm dia pile provided for R&D block	Kindly confirm the Vertical capacity , lateral capacity of the pile & length of the pile considered.	As per GFC drawings. 1. The length of the pile shall be finalised after successful completion of initial test only and working pile shall only be permitted to install after the test.
61	2023-076-R&D-S-01.A	Pile foundation with 600 mm dia pile provided for R&D block	Kindly confirm the length of the pile considered for design,	As per GFC drawings. 1. The length of the pile shall be finalised after successful completion of initial test only and working pile shall only be permitted to install after the test.
62	2023-076-NH-S-01.1A,2023-076-3BHK-S-01.A,2023-076-GH-S-01.A	Pile foundation of 600 mm dia with vertical capacity of 118 Ton & lateral 8.53 T pile provided .	Kindly confirm the length of the pile considered for design,	2. The contractor has to do routine pile test as per IS 2911 (Part IV). 3. The Initial pile load test static type : For Hospital - 3no., (1 no for each tower), Academic cum R&D Block : 2nos. (1 no for each wing), and 1 no EACH for remaining buildings. 4. The length of the pile shall be finalised after successful completion of initial test only and working pile shall only be permitted to install after the test.
63	General	Pile	Kindly confirm the type of initial vertical pile load test (Static pile load test / Dynamic pile load test) to be conducted .	Static type
64	General	Pile	Pile drawing for hospital building is not provided , Kindly provide details for the same.	Refer corrigendum, Drawings uploaded. Starting 2023-076-H1-S-01.0 onwards
65	2023-076-NH-S-01.1A,2023-076-	Pile	Kindly confirm the basis of number of initial pile load tests proposed.	Initial pile load test static type : For Hospital - 3no., (1 no for each tower), Academic cum R&D Block : 2nos. (1 no for each wing),

	3BHK-S-01.A,2023-076-GH-S-01.A			and 1 no EACH for remaining buildings.
66	Tender Document	Area statement	Block wise and Floor wise area statement is not available in the provided documents, kindly furnish the same.	CAD Drawings has been shared in corrigendum
67	PART F _ Hospital Block - Architecture / page 7 to 14	Hospital Block drawings	Few of the PDF Drawings provided lacks some drawing content which is evident. Kindly provide us with the appropriate PDF files.	we have checked. the uploaded pdf were correct and we have uploaded the cad also on the given link
68	Tender Document /146	Sl No. 45 : Change in Client Requirements If any modification in Civil / Structural design / drawing is needed as per site conditions and / or change in Architectural Design and/or change in client's requirement, the agency shall do/redo the same without any extra cost as well as suggest solutions to the problems coming across during actual execution. The decision of the AGIHF shall be final and binding. No claim whatsoever will be entertained in this regard.	Contractor is not liable to redo any work at site without any cost and time variation for any change in Architectural Design and/or change in client's requirement. The same shall be treated as variation to the contract and shall be paid as per actuals.	No change
69	Tender Document / 147 & 151	The building will be constructed as per GRIHA -3 norms. The project is planned to be developed for GRIHA-3 certification. The contractor shall follow all necessary guidelines in compliance to obtaining "GRIHA-3 Star" rating system of GHAR (Green Habitat Accomplished Rating) for the project and assist the Engineer-in-Charge with all relevant construction related documents required.	We presume that Materials, design parameters, specification used in the project are in Compliance with GRIHA 3 Star Rating. Kindly confirm.	This is as per GRIHA 3 Star Rating.

70	Tender Document /146	<p>Project Management-Building Information Modelling (BIM) The 3D Architectural Models of the project will be prepared on any BIM applications with minimum LOD 350 and IFC format of the same shall be made available for interoperability of building information to all stakeholders of the project. The 3D Architectural BIM Model information (s) shall be used for structural, MEP services and horticulture design. The comprehensive BIM model with minimum LOD 350 of project shall have all the architectural, structural, horticulture and MEP services elements. All the BIM Models shall be uploaded on AGIHF portal by the contractor and shared with the collaboration portal. Project or work shall be executed using 2D drawings generated from BIM Model. Nothing Extra shall be payable on this account.</p>	<p>We understand that all Engineering services (Architecture, MEP, Structure) inputs will be integrated in the BIM LOD 350 model provide by the client to the contractor.</p>	BIM Clause is Deleted .
71	General		<p>We presume all design are compliant for passive statutory fire requirements in terms of Egress distance, Staircase width, Fire compartmentation etc.. Please confirm</p>	confirmed
72	General		<p>We assume Vertical and horizontal transportation is designed considering the actual population that would be inhabited in the proposed premises</p>	confirmed
73	General		<p>We understand that the sanitary fixtures, fittings provided in the design/drawings are considering the actual population that would be inhabited in the proposed premises in compliance with the NBC and other local statutory body</p>	confirmed
74	General		<p>Furniture count for the hospital is provided however count for the other buildings also need to be shared. Kindly furnish the same.</p>	CAD GFC drawings with Tags already shared.
75	General		<p>We assume that the furniture count provided in the furniture schedule shall only be supplied by contractor, over and above from the count in the schedule shall not be part of contractors scope.</p>	confirmed

76	General Services in the scope of E&M Work (Sub-Station and Service Building) / 528 & 529	Liaisoning with other statutory agencies like Fire Services, APDCL etc. for obtaining the pre-construction and post construction clearances. The statutory payments to these agencies shall be paid by the contractor except payment for the service connection charges of HT line from the APDCL to the HT meter board for residential as well non-residential HT connection.	We presume that the contractors scope is restricted to only post construction execution clearances and all preconstruction approvals are not part of contractors scope. Kindly confirm.	Pre-Construction Statutory Approvals are not in the scope of Executing Agency.
77	B. DETAILED SCOPE OF WORK / 152 to 160	The scope of works shall include all construction as per technical specifications and GFC drawings fit for occupations and finished as per finishing schedules including	The detailed scope of work cites that the Contractor is responsible for the " fit for occupation". As Contractor we are to execute as per the GFC drawings provided by the client and we are not liable to provide " fit for occupation".	The Execution of works with respect to GFC Drawings is the responsibility of the Executing Agency. Hence, No Change.
78	Drawing No. AAHII/WS/PL/102		Kindly share the Water quality report of Tube well and municipal/city water.	This Executing Agency has to ascertain after Boring of Tube Wells.
79	Part C, Clause 7.0, Part C, Clause 17.1 / 412 to 414	Part C, Clause 7.0 - All ball valves shall be forged brass valve. Part C, Clause 17.1 - Valves upto 40mm shall be screwed type Ball valve with stainless steel ball.	We are considering forged brass ball valves upto 50mm. Kindly confirm.	confirmed
80	General	-	Kindly provide drawings Fire Protection System drawings for R&D Block, Residential & Hostel blocks.	Drawings already shared
81	General	-	Kindly provide the Medical gas pipeline System drawings for Hospital Block.	refer corrigendum . Cad files have been uploaded on the given link refer cad file name: MGPS-400.1_COMPILED GF to MGPS-400.7_COMPILED 6TH FLR
82	Part C - Part-4 _MGPS Technical Specifications /1279	GAS OUTLETS /TERMINAL UNITS Terminal Units (Gas Outlets) with probes/Adaptors for O2, N2O, Compressed Air (4) Surgical Air-7, Vacuum, Carbon Dioxide. Configurations possible: surface, flush & Bead-head.	The gas outlets configuration shall be in Surface mounted and Bedhead panel for easy maintenance. Kindly confirm.	confirmed

83	<p>Drawing Name: MGPS PLANT ROOM Drawing No: AAHII/-MGPS-400.1</p>	<p>Drawing shows secondary oxygen manifold as 20+20 and Emergency oxygen manifold as 10+10</p>	<p>There is a contradiction between drawing and MGPS technical specification for the no of manifold connections.</p> <p>Bidder consider that 20+20 as a secondary, remaining 40 cylinders are unconnected storage cylinder. and 10+10 as a Emergency cylinder, remaining 20 cylinders are unconnected storage cylinder.</p> <p>Bidder shall follow the drawing for the feasibility in the connection of manifold control panel. Kindly confirm</p>	confirmed
	<p>Part C - Part-4 _MGPS Technical Specifications /1278</p>	<p>OXYGEN SUPPLY SYSTEM Oxygen Manifold – 4 X (10 + 10) (Secondary) Manifold shall consist of two high pressure header bar assemblies to facilitate connection of 80 nos of secondary cylinder supplies.</p> <p>Emergency Oxygen Manifold – 2 X (10 + 10) Emergency Manifold shall consist of two high pressure header bar assemblies to facilitate connection of 40 nos of secondary cylinder supplies.</p>		
84	<p>Drawing Name: MGPS PLANT ROOM Drawing No: AAHII/-MGPS-400.1</p>	<p>Drawing shows Primary & secondary carbon dioxide manifold as 5+5 and Emergency oxygen manifold as 3+3</p>	<p>There is a contradiction between drawing and MGPS technical specification for the CO2 no of manifold connections. Kindly confirm which one to be followed.</p>	<p>5+5 will be the primary and 3+3 will be secondary. In Emergency carbon Dioxide supply is not required.</p>
	<p>Part C - Part-4 _MGPS Technical Specifications / 1286</p>	<p>CARBON DIOXIDE SUPPLY SYSTEM CARBON DI OXIDE Manifold – 5 + 5 Manifold shall consist of two high pressure header bar assemblies to facilitate connection of 5 nos of primary which will be the primary (main) supply source and 5 nos of secondary cylinder supplies</p>		
85	<p>Part C - Part-4 _MGPS Technical Specifications /1281</p>	<p>MEDICAL COMPRESSED AIR SYSTEM QUADERPLEX MEDICAL DRY COMPRESSED AIR SUPPLY SYSTEM - as per NFPA-99 std / HTM -2022 / 02-01/ IS/ISO 7396 a) The system should be designed to deliver total plant capacity 8000 LPM to the hospital with additional</p>	<p>There is a contradiction between the Compressed Air capacity in the MGPS technical specification. Kindly confirm which one to be followed.</p>	<p>8000 LPM to be followed.</p>

		standby system of the full capacity as per relevant standard		
		d) Each air compressor should have a requisite capacity at 100 PSIG to formulate the total plant capacity of 10000 LPM as primary and 10000 LPM of secondary.		d) Each air compressor should have a requisite capacity at 100 PSIG to formulate the total plant capacity of 8000 LPM as primary and 8000 LPM of secondary.
86	PART- B SUB- HEAD : DETAILED SCOPE OF WORK, PARTICULAR SPECIFICATIONS, SCHEDULE OF ITEMS & LIST OF APPROVED MAKES	I. Hospital Management Information System: For HMIS, required wire / cable network with copper cables / CAT-6A / Optical fiber cable shall only be provided. As HMIS is user specific tool, Software / Hardware for HMIS shall be separately dealt by AGIHF	Kindly provide location of HMIS system outlet layouts for considering cable and containment for Hospital Management Information System(HMIS)	<ol style="list-style-type: none"> 1. The points shall be as per system plan. 2. HMIS system shall be located in Tower 3.
87		General	Kindly share ELV/ICT drawings (CCTV, Access Control system, PA System and Data/Telephone and BBMS) for all buildings	Already shared, please refer electrical floor plans of each building
88	PART- B SUB- HEAD : DETAILED SCOPE OF WORK, PARTICULAR SPECIFICATIONS, SCHEDULE OF ITEMS & LIST OF APPROVED MAKES	Heat MAP to be provided by contractor speed of data for farthest point should be 200MBPs.	Kindly provide the Heat map for Wi-Fi as per GFC drawings. Contractor shall follow the same	Bidder to provide Heat map drawing as part of shop drawings.
89	PART- B SUB- HEAD : DETAILED SCOPE OF WORK, PARTICULAR	Both side of doors for entry and exit readers has to be provided along with the emergency break glass switch, to be used In case of emergency. The centralized control will be managed through a server to be installed in main Security Control/ Server Room. For	If push button is provided inside the room, Access reader inside room will not have any function. We request to remove Access reader inside the room. Kindly Confirm.	Accepted

	LAR SPECIFIC ATIONS, SCHEDULE OF ITEMS & LIST OF APPROVED MAKES	Overriding purpose Push Button will be provided inside the rooms		
90	Part 4-Mechanical works /928	Chilled Water Circuit comprising of MS pipes ("C" Class) with Groove Fittings and with suitable Insulation as per Technical specification.	The bidder proposes MS Pipes with Grooved fittings for Chiller plant room & for all other places, welded MS pipes shall be considered. Kindly confirm.	Groove fitting shall be considered for all areas except buried pipe.
90	Part 4-Mechanical works /928	Condenser Water Circuit comprising of MS pipes ("C" Class) with Groove Fittings without Insulation	The bidder proposes MS Pipes with Grooved fittings for Chiller plant room & for all other places, welded MS pipes shall be considered. Kindly confirm.	Groove fitting shall be considered for all areas except buried pipe
91	Part 4-Mechanical works /929	Two OTs considered for 18+1°C with RH 50% to 60%, at 100% fresh air. To achieve 18°C temperature AHU shall have enthalpy wheel, Descent wheel, chilled water cooling coil, re-heat coil, DX cooling coil connected to dedicate DX out door unit.	Bidder proposes the AHU with Enthalpy wheel, chilled water cooling coil, re-heat coil, DX cooling coil. Kindly confirm.	Shall be as per NIT
92	Part 4-Mechanical works /929	All critical areas (such as ICU, CCU, Pre-operation, Post-operation, radiology & labs except NICU) Magnehelic Gauges/ Electronic Pressure Gauges to be installed for critical areas for measuring differential pressure between zones	The bidder proposes to consider Magnehelic Gauges/ Electronic Pressure Gauges only for Isolation Rooms and OTs. Kindly Confirm.	Shall be as per NIT
93	Part 4-Mechanical works /929	Two Stage Filtration comprising of Electronic Air Filtration System (equivalent to MERV-14) and HEPA Filters for Critical Areas.	Bidder understands that OT, ICU, CCU, Pre-operation, Post-operation, Radiology & Labs except NICU. Kindly confirm.	Filtration level shall be provided as per Table given under inside condition (Refer page no 939 to 950)
94	Part 4-Mechanical works /929	Pre-insulated CFC Free 'PUF/PIR' (Polyisocyanurate Foam) Panel/ Board shall be used for supplying & return air for all AC areas to reduce the risk of bacterial formation in the ducts	The bidder proposes to proceed with GI ducting with closed cell Nitrile rubber insulation. Kindly Confirm.	Shall be as per NIT
95	Part 4-Mechanical works /929	Consultant Room, Waiting areas, class room, offices, conference room & meeting room shall have VAV boxes with thermostat for individual control	The bidder proposes FCUs or Cassette Units for individually controlled rooms. Kindly confirm.	Shall be as per NIT

96	Part 4-Mechanical works /930	Only Floor Mounted Air Handling Units (Eurovent certified for critical area AHUs & Non-certified for non-critical AHU), Fan Coil Units to Convey Chilled Air in case of Chilled Water System.	Bidder proposes AHU with AHRI / Eurovent certified for critical areas and Non certified for Non critical areas AHU. Kindly confirm.	Shall be as per NIT
97	Part 4-Mechanical works /930	Pipe fittings from 20 NB & Above shall be with Grooved joints. GI pipes (Class B) for drain pipe with suitable insulation for chilled water system	The bidder proposes MS Pipes with Grooved fittings for Chiller plant room & for all other places, welded MS pipes shall be considered. Kindly confirm.	Groove fitting shall be considered for all areas except buried pipe.
98	Part 4-Mechanical works /930	Chilled Water flow Modulation by means of Manual/Motorized Butterfly, Non Return Valve, Ball Valve, Automatic Balancing Valve with insulation. All the valves must be minimum PN16 rated and suitable for Chilled Water and Hot Water applications. Insulation of valves shall be the same as that of pipe. PIBCV shall be provided at AHU out let. The contractor shall provide the schedule of the basis of the selection PIBCV according to the equipment tag number	Automatic balancing Valve is not required since all AHUs are provided with PIBCV, which will control and balance the flow dynamically. Kindly confirm.	Shall be as per NIT
99	Part 4-Mechanical works /943	Preparation Room, Labour Room, LDR - MERV -8 rating filter.	As per ASHRAE, it recommends MERV-16 for delivery rooms and LDR, Preparation Room-MERV-14. Kindly confirm.	Filtration level shall be provided as per Table given under inside condition (Refer page no 939 to 950)
<u>C</u>				
<u>AHLUWALIA CONTRACTS INDIA LIMITED</u>				
Sl.	Document reference / Page No.	NIT Description	Clarifications sought	Remarks by AGIHF

1	11,28 & 29	<p>Similar Work” shall mean: shall mean construction of Non-Residential and Non- Industrial building Project(s) under EPC mode/ Design & Build having minimum one work of at least six Storey building comprising construction of RCC framed / composite structure including finishing works, water supply and sanitary installations, electrical works, firefighting, HV & LV electrical works, elevators and HVAC- all composite executed under one agreement. 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>Similar Work” shall mean: shall mean construction of Non-Residential and Non- Industrial building Project(s) under EPC mode/ Design & Build having minimum one work of at least six Storey building comprising construction of RCC framed / composite structure including finishing works, water supply and sanitary installations, electrical works, firefighting, HV & LV electrical works, elevators and HVAC- all composite executed under one agreement. 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>	Refer Corrigendum dated 05.10.2024
			<p>Experience of successful completion of works / substantial completion</p>	
			<p>of similar works (90% of the value of the contract to be considered as substantial completion)</p>	
		AND	AND	
	<p>Should have satisfactorily completed minimum one Super Specialty Hospital Project of minimum 400 beds or Super specialty Hospital cum Medical College Project of minimum 400 beds under EPC or Design Build Mode comprising construction of RCC framed/ composite structure including finishing works, water supply and sanitary installations, electrical works, firefighting, HV & LV electrical works, elevators and HVAC- all composite executed under one agreement.</p> <p>a)</p>	<p>Should have satisfactorily/ substantial completed minimum one Super Specialty Hospital Project of minimum 400 beds or Super specialty Hospital cum Medical College Project of minimum 400 beds under EPC or Design Build Mode comprising construction of RCC framed/ composite structure including finishing works, water supply and sanitary installations, electrical works, firefighting, HV & LV electrical works, elevators and HVAC, Sub-station, CCTV, OT, MGPS all composite executed under one agreement</p>		
	<p>Experience of successful completion of works / substantial completion of similar works (90% of the value of the contract to be considered as substantial completion)</p>			
	AND	AND		

		The bidder should have executed and completed at least one Non-residential and Non-industrial building with minimum 2500 SQM. having GRIHA 3 Star rating or equivalent green building rating from CII-IGBC, USGBC- LEED and ASSOCHAM-GEM under any contract. In case bidder submits green building rating from CII-IGBC, USGBC- LEED and ASSOCHAM-GEM, the bidder should also submit documentary proof that the certificate issued is equivalent to GRIHA 3 star rating. This work can be part of eligible work at (i) to (iv) above. GRIHA 3 star rating obtained by bidder under a separate contract shall be considered for the purpose of assessing the technical competence only without adding its monetary value for determining the eligibility criteria.	The bidder should have executed and completed at least one Non-residential and Non-industrial building with minimum 25000 SQM. having GRIHA 4 Star rating or equivalent green building rating from CII-IGBC, USGBC- LEED and ASSOCHAM-GEM under any contract. In case bidder submits green building rating from CII-IGBC, USGBC- LEED and ASSOCHAM-GEM, the bidder should also submit documentary proof that the certificate issued is equivalent to GRIHA 3 star rating.	
D	NAME OF BIDDER:	BRIDGE & ROOF CO. (I) LIMITED		
Sl	Document reference / Page No.	NIT Description	Clarifications sought	Remarks by AGIHF
1	13	EMD & tender fee	Mode of payment of EMD and tender fee to be clearly specified.	Refer clause no. 3 & 4 of NIT dated 27.08.2024.
2	11, 18 & 29	The bidder should have satisfactorily completed the works as mentioned below during the last 7 (seven) years ending last date of the month previous to the one in which tenders are invited.	Substantially completed job may be considered for similar completed work in eligibility criteria.	Refer Corrigendum dated 05.10.2024
3		Drawings	All drawings yet to be uploaded.	Refer Corrigendum dated 05.10.2024
4		Regarding pile details	Pile details to be clarified.	Refer Corrigendum dated 05.10.2024
E	-	SHREE GAUTAM CONSTRUCTION COMPANY LIMITED (SGCCL)		
Sl.	Document reference / Page No.	NIT Description	Clarifications sought	Remarks by AGIHF

1	11, 18 & 29	<p>Similar Work's shall mean construction of Non-Residential and Non-Industrial building Project(s) under EPC mode/ Design & Build having minimum one work of at least six Storey building comprising construction of RCC framed/ composite structure Including finishing works, water supply and sanitary installations, electrical works, firefighting, HV & LV electrical works, elevators and HVAC-all composite executed under one agreement. 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>Similar Work shall mean construction of Non-Residential and Non- Industrial ou1amg Project(s) having minimum one work of at least six Storey building comprising construction of RCC framed/ composite structure including finishing works, water supply and sanitary installations, electrical works, firefighting, HV & LV electrical works, elevators and HVAC- all composite executed under one agreement. 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>	Refer Corrigendum dated 05.10.2024
		<p>Should have satisfactorily completed minimum one Super Specialty Hospital Project of minimum 400 beds or Super specialty Hospital cum Medical College Project of minimum 400 beds under EPC or Design Build Mode comprising construction of RCC framed/ composite structure including finishing works, water supply and sanitary installations, electrical works, firefighting, HV & LV electrical works, elevators and HVAC- all composite executed under one agreement.</p>	<p>Should have satisfactorily completed minimum one Super Specialty Hospital Project of minimum 300 beds or Super specialty Hospital cum Medical College Project of minimum 300 beds comprising construction of RCC framed/ composite structure including finishing works, water supply and sanitary installations, electrical works, firefighting, HV & LV electrical works, elevators and HVAC- all composite executed under one agreement.</p>	
		<p>Definition of Super-Specialty Hospital: For the purpose of this tender, a Super- Specialty Hospital is being defined as a hospital which provides any 3 (minimum) of the clinical services listed below: i. Level IV Neonatal care. ii. Quaternary Polytrauma Care iii. Multi-Organ Transplantation. iv. Robotic Surgery. v. Bone Marrow Transplantation. vi. Cranio-Facio - Maxillary Surgery. vii. Cardiac & Vascular Surgery. viii. Neurosurgery. ix. Invasive Gastroenterology. x. Joint Replacement.</p>	<p>Definition of Super-Specialty Hospital: For the purpose of this tender, a Super- Specialty Hospital is being defined as a hospital which provides any 2 (minimum) of the clinical services listed below: i. Level IV Neonatal care. ii. Quaternary Polytrauma Care iii. Multi-Organ Transplantation. iv. Robotic Surgery. v. Bone Marrow Transplantation. vi. Cranio-Facio - Maxillary Surgery. vii. Cardiac & Vascular Surgery. viii. Neurosurgery. ix. Invasive Gastroenterology. x. Joint Replacement.</p>	