

HSCC (India) Limited
as Executing Agency on behalf of
MINISTRY OF HEALTH & FAMILY WELFARE,
Government of India, New Delhi

Dated: 24.06.2017

AMENDMENT No. – I

Project Name: Tender for “Construction of Residential Complex & OPD Block at All India Institute of Medical Sciences, Kalyani (WB)”.

Tender No. HSCC/PMSSY/AIIMS/ Kalyani/R-OPD/2017, dated: 16.06.2017

The bidders may note the following amendments in the Tender Documents issued:

Clause Ref.	Existing Provision	May be read as
1.4.1(b)(i) Volume I (Notice Inviting Bids & Information to bidders)	*“ Similar Works ” shall mean a Project comprising Construction of any multistoried RCC framed structure minimum Five storeys above ground level (basement, machine room and mumty shall not be counted as a storey) including finishing works, internal water supply, sanitary installations and internal electrical installations, all executed under one composite agreement.	*“ Similar Works ” shall mean a Project comprising Construction of any multistoried RCC framed structure minimum Three storeys above ground level (basement, machine room and mumty shall not be counted as a storey) including finishing works, internal water supply, sanitary installations and internal electrical installations, all executed under one composite agreement.
1.9 Volume I (Notice Inviting Bids & Information to bidders)	Bid shall be accompanied with Earnest money of Rs. 3.09 Crores in shape of demand draft of a scheduled bank issued in favour of “ HSCC (India) Limited ” Payable at New Delhi/Noida or fixed deposit receipt or Banker’s cheque or Bank Guarantee in favour of “ HSCC (India) Limited ” as per Form B, having validity for six months or more from the last date of receipt of tenders or any extension thereof	Bid shall be accompanied with Earnest money of Rs. 3.24 Crores in shape of demand draft of a scheduled bank issued in favour of “ HSCC (India) Limited ” Payable at New Delhi/Noida or fixed deposit receipt or Banker’s cheque or Bank Guarantee in favour of “ HSCC (India) Limited ” as per Form B, having validity for six months or more from the last date of receipt of tenders or any extension thereof
Volume IV Technical Specifications Electrical List of Approved Makes	S.No. 66 Lifts/Dumb Waiters/Escalators – Approved Makes – Otis/Kone/Mitsubishi/Scheindler	S.No.66 Lifts/Dumb Waiters/Escalators – Approved Makes – Otis/Kone/Mitsubishi/Scheindler/ Johnson
Volume V Bill of Quantities PHE Works Item No.3.22(a)	Quantity – 680 Amount – 173,400	Quantity – 959.55 Amount – 244,685.25
Volume V Bill of Quantities PHE Works Item No.3.28	Quantity-28 Rate - 174 Amount - 4879	Deleted

Clause Ref.	Existing Provision	May be read as
Volume V Bill of Quantities PHE Works Item No.3.28 (a)	Quantity-54 Rate – 1408.75 Amount – 76072.50	Quantity-54 Rate – 179.00 Amount – 9,666
Volume V Bill of Quantities PHE Works Item No.10.15(a)	Quantity – 200 Amount – 315,800	Quantity – 10 Amount – 15,790
Volume V Bill of Quantities PHE Works Item No.10.15(b)	Quantity – 4 Amount – 400,200	Quantity – 1 Amount – 100,500
Volume V Bill of Quantities PHE Works Item No.10.19(a)	Quantity – 3 Market Rate – 181,554 Amount – 544,662	Quantity – 1 Market Rate – 183,510 Amount – 183,510
Volume V Bill of Quantities PHE Works Item No.11.07	Quantity-635	Quantity-635.2

The reply to the queries raised by the bidders during the pre-bid meeting held at HSCC Corporate Office, Noida on 23rd June 2017 at 1700 hrs is enclosed at Annexure I.

This amendment shall form integral part of bid document and should be submitted along with the bid.

All other terms & Conditions of the Tender shall remain unchanged.

Prospective bidders are advised to regularly scan through HSCC e-tender portal <http://www.tenderwizard.com/HSCC> and <http://www.hsccltd.co.in> as corrigendum/amendments etc., if any, will be notified on this portal only and separate advertisement will not be made for this.

(- Sd -)
Chief General Manager,
HSCC (India) Ltd.,

Tender for Construction of Residential Complex & OPD Block at AIIMS Kalyani

Tender No.HSCC/PMSSY/AIIMS/ Kalyani/R-OPD/2017 dated: 16.06.2017

Reply to queries received during the Pre-Bid Conference held on 23.06.2017 at 1700 hrs

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
	Bidder No.1			
1	-General	Soil Test Report	We request you to provide the soil investigation report along with the bore log data for better understanding of soil characteristics and to access the soil boring time.	Bidder is advised to visit site to acquaint himself with the site condition, water supply and surroundings and collect all information that will be necessary for preparing the bid.
2	-General	Conture Map	We request you to provide the conture map of the project along with EGL & Finish level of building plinth so as to understand the cutting & filling involved in the package.	Bidder is advised to visit site to acquaint himself with the site condition, water supply and surroundings and collect all information that will be necessary for preparing the bid.
3	-General	Layout Drawing	We request you to provide the layout drawing of the entire project for better understanding the project in a better way & also enable us to understand where the site office, batching plant, stores, godowns to be set.	Tender drawings are already provided
4	-General	BOQ files are in PDF anf JPEG format.	In BOQ file some pages are in JPEG format so it is very difficult to convert it into excel format for working purpose.Hence. Kindly provide BOQ in excel format or complete BOQ in PDF format.	Tender documents are available online.
5	General -Autocad Drawings	Autocad Drawings	We request you to kindly provide us the structural drawing (In Auto Cad / pdf Format).	Tender drawings in pdf format are available online
6	General -UPVC Windows & doors	UPVC Windows & doors	Request you to kindly provide the drawings since it is specialized work or request you to provide the sizes .	Work shall be carried out as per CPWD Specifications and tender conditions.
7	General -Area	Clarification required in Area statement provided with drawings.	We presume the area mentioned in tabular form representing various block is built up area. Kindly confirm.	As per the tender documents.
8	BOQ Item No:3.2-Use of Cement	NOTE- (1) Cement content considered in this item is @ 330 kg/cum.Excess/ less cement used as per design mix is payable/ recoverable separately.“ (2) Fly ash conforming to grade I of IS 3812 (Part-1) only be used as part replacement of OPC as per IS : 456. Uniform blending with cement to be ensured in accordance with clauses 5.2 and 5.2.1 of IS:456 -2000 in the items of BMC and RMC.	1.We presume 330kg/cum is cementious content including flyash. Kindly confirm. 2. Since , OPC plus Fly Ash is permitted to be used for the construction work , we presume PPC shall also be allowed to used in the execution of works. Please confirm. Also, kindly provide the Base Price for PPC , to be used in the Calculation for Escalation under Cl. 10 CA.	Work shall be carried out as per CPWD Specifications and tender conditions.
9	BOQ Item NO:3.5-Shuttering	Extra for specially designed shuttering to support slab/ beam of Linac having thickness 0.6 mtr and above as per drawing wall including designing of shuttering and getting vetting from IIT, to support desired weight of slab/beam, etc all complete to the satisfaction of engineer in charge.	Please provide the detailed drawing for the LINAC Beam / Slab to enable us to do the correct costing.	may be assumed as per standard AERB guidelines
10	BOQ Item No:3.7 Technical Specification:1.07-Reinforcement	Steel reinforcement for R.C.C. work including straightening, cutting,bending, placing in position and binding all complete at all levels Reinforcement Steel used shall be of TMT Fe-500 unless otherwise specified	1. We presume that Fe-500 D shall also be permitted to be used , since Fe-500 have scarcity in the market. 2. We presume that chair,spacer,laps (For Pile & Structure) will paid as per approved BBS under this item. Kindly confirm	It shall be Fe-500d or higher grade.
11	BOQ Item No:3.15-Piling	Boring, providing and installation bored cast-in-situ reinforced cement concrete piles of garde M-25 of specified diameter and length below pile cap, to carry a safe working load not less than specified,excluding the cost of steel reinforcement but including the cost of boring with bentonite solution and temporary casing of appropriate length for setting out and removal of same and the length of the pile to be embedded in the pile cap etc. by Crawler mounted, telescopic boom hydraulic pilling Rig all complete, including removal of excavated earth with all its lifts and leads (length of pile for payment shall be measured up to bottom of pile cap).	1.We request you to approve use of Truck Mounted Rigs and Conventional Tripod Rigs along with crawler mounted telescopic boom hydraulic rig. 2.As the project will be "Ghriha" rated (3) building,please confirm whther we shall be permitted to use of bentonite or not.Please confirm.	As per tender conditions.

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
12	BOQ Item No:4.05-Toilet Cubical	Providing & fixing Classique Invincible Toilet Cubicle of Greenlam Sturdo / merino or equivalent approved make of sizes as per drawing which includes 600 mm door size width made of heat, bacteria, water, chemical ,scratch, impact and anti bacterial resistant 12 mm thick solid compact laminate panels (tested by Shriram Test House or equivalent approved laboratory). Finish of the compact laminate should be Suede/*Raw Silk or as approved by the engineer in charge, which includes door, pilasters & intermediate panels finished with approved texture/shade as per the details drawings & as per IS 2046 (Indian Standard) and as per fire retardant BS-476/97 Standard	We request you to provide us the drawing for the same .	work shall be carried out as per BOQ item and tender conditions.
13	BOQ Item No:5.55-Automatic Sliding Door	Providing and fixing automatic sliding door operator of approved brand and manufacture for a door of clear passage width ranging from 2500- 3000 mm consisting of 6.25 mtr long operator with track profiles, glass clamping rails, floor guide, Radar eagle 6 sensors, 5 programme switch with knob, light barrier EM lock and cable for programme switch all complete of approved brand and quality, complete to the satisfaction of engineer in charge. nothing extra is payable if some civil work is required for fixing of the system.(Cost of door/ glass to be paid seperately)	The Price of Doors varies according to the width. Hence , please provide us the exact size of the door to arrive at exact costing.	work shall be carried out as per BOQ item and tender conditions.
14	-Tiles,Marbel,Kota Stone,Granite	Base Rate for Tiles,Kota,Granite,Marble	As the Rates for Tiles , Stones like Marble , Kota etc. varies according to colour , texture & sizes which we presume are not finalised yet , we request you to provide us the base rate for each of the aforesaid items to bring all the bidders in the same platform.	work shall be carried out as per BOQ item and tender conditions.
15	BOQ Item No. 8.08-Polycarbonate Sheet	Providing and fixing 10mm thick clear multi wall solar control polycarbonate sheets of approved quality and shade in desired shape in roofing including the cost of EPDM gaskets , sealing tape , aluminium profile and all necessary accessories complete as per architectural drawings and as directed by Engineer incharge. The item includes designing the complete system and supplying & getting approved from client and / or reputed engineering institute like IIT etc. The detailed shop drawings including supplying structural design calculations based on relevent codal provisions and carrying out water penetration test as per standards followed in India. For Dome Structure...	Since , the item specify that Polycarbnte Sheets shall be fixed in Dome Structure and only plan area to be measured , is is very difficult to assume the actual material requirement due to to the radius of curvature. Hence , we request you to provide the drawing for the same to arrive at the correct costing.	work shall be carried out as per BOQ item and tender conditions.
16	FLOORING- BOQ 7.01-FLOORING	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete.	Kindly specify whether groove cutting and sealent filling is required or not.	work shall be carried out as per BOQ item and tender conditions.
17	Technical Specification , Cl. 5.0-	List of Approved Makes	The Contractor shall be permitted to use materials of Equivalent make in additional list of brands/ make list specified in the Approved List , to bring in more competitors for a particular material.	No change in tender conditions
18	Technical specification- Approved Make list- Ordinary Portland Cement 43 Grade	ACC, Ultratech, Vikram, Shree Cement, Ambuja, Jaypee Cement, Century Cement & J.K.Cement	Kindly add "Penna, Ramco," cement also in the list	No change in tender conditions
19	Technical specification- Approved Make list- Reinforcement Steel	SAIL, RINL, TISCO	Kindly add " JSW & JSPL , also in the list since JSW & JSPL are Primary Producers also.	No change in tender conditions
20	Technical specification- Approved Make list- Structural Steel Sections:Beams, Channels, Tees, Flats, Angles Bars (Round, Square, Hexagonal).	TATA, SAIL, RINL	Kindly add VSP	No change in tender conditions

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
21	Technical specification- Approved Make list-Ceramic Tiles /Glazed Tiles	Kajaria, Somany, Naveen	Kindly add RAK	No change in tender conditions
22	Technical specification- Approved Make list-RMC	ACC, Ultratech, L&T, Lafarge	Kindly add IJM,ACC	No change in tender conditions
23	Technical specification- Approved Make list-Shuttering Ply	Greenply, Kitply, Merino, Duro, Century	Kindly add Punjab Ply Industries, Black Cobra brand	No change in tender conditions
24	Technical specification- Approved Make list-Flush door shutters	Greenply, Duro, Kitply, Century	Kindly add "Black Cobra / Kitply "	No change in tender conditions
25	Technical specification- Approved Make list-Laminate	Greenlam, Merino, Formica, Kitply, Century	Kindly add Associate, virgo	No change in tender conditions
26	Technical specification- Approved Make list-Float Glass	Saint Gobain, Asahi, Pilkington, Glaverbel, Modi Guard	Kindly add Hindustan National Glass (HNG)	No change in tender conditions
27	Technical specification- Approved Make list-Metal ceiling/Grid Ceiling	Armstrong, Durlum, Saint Gobain	Kindly add New Age	No change in tender conditions
28	Technical specification- Approved Make list-Aluminium	Hindalco, Jindal, Indal	Kindly add Bhuruka	No change in tender conditions
29	Technical specification- Approved Make list-Epoxy flooring	Fosroc, BASF, STP, Sika, Dr Beck	Kindly add Cipy polyurethane	No change in tender conditions
30	Technical specification- Approved Make list-PU Paint	Fosroc, Pidilite, Cico, BASF, Sika, Berger, Nerolac	Kindly add Asian paints	No change in tender conditions
31	Technical specification- Approved Make list-Diesel generator		Kindly add "Powerica LTD as supplier"	No change.
32	Technical specification- Approved Make list-Bus ducts / Raising mains	L & T , ABB , Siemens, Schnedier, GE, Legrand	Kindly add "c & s"	No change. As per list of approved makes only.
33	Technical specification- Approved Make list-11KV VCB panel Board / RMU	Siemens, L & T , ABB , Schneider	Kindly consider "Local Panel Builders"	No change. As per list of approved makes only.
34	Technical specification- Approved Make list-Transformer	ABB, GE, Schneider, Alstom	Kindly add "Kirkoskar"	No change. As per list of approved makes only.
35	Technical specification- Approved Make list-Main LT Panel / APFC Panels / Main AC panels	Siemens, L & T , ABB , Schneider	Kindly consider "Local Panel Builders"	No change. As per list of approved makes only.
36	Technical specification- Approved Make list-PVC conduit	Supreme, Prince, Finolex, AKG	Kindly add " Nelco, VIP "	No change. As per list of approved makes only.
37	Technical specification- Approved Make list-Fire detection System - Adresseable	Honeywell-Notifier, Edward, Bosch, Siemens	Kindly add " Ravel, Secutron "	No change. As per list of approved makes only.
38	Technical specification- Approved Make list-GI / MS pipes Heavy class	Jindal-Hissar, Tata, Surya-Prakash	Kindly add " Jindal-Star "	No change. As per list of approved makes only.
39	Technical specification- Approved Make list-HVAC Sub-contractors	Voltas, Bluestar, Suvidha, Unique Engineers, ETA, Sterling & Wilson	Kindly add " M/s VKBS "	No change.
40	Technical specification- Approved Make list-Power Cables / Control cables	Honeywell-Notifier, Edward, Bosch, Siemens	Kindly consider as per Electrical approved make list"	No change. As per list of approved makes only.
41	Technical specification- Approved Make list-Butterfly valve	Audco, L & T, Honeywell	Kindly add " Zoloto "	No change. As per list of approved makes only.
42	Technical specification- Approved Make list-UPVC Windows	Finesta or Equivalent	Kindly add " Kommerling or Equivalent"	No change. As per list of approved makes only.
43	Technical specification- Approved Make list-Elevator	OTIS , KONE , SCHINDLER , MITSUBISHI	Kindly add " Johnson"	"Johnson" make is acceptable.
44	Technical specification- Approved Make list-PVC Flooring	Gerflor , Tarkett , Armstrong	Armstrong has stopped the Flooring Wing. Hence , kindly remove the same and add POLYFLOR	No change in tender conditions
45	Technical specification- Approved Make list-AAC Block	As approved by Engineer In Charge	Please add "Builtech , UAL , Inspira or Equivalent.	No change in tender conditions
46	Approved Makes- Expansion Joint-		Please add-"Z-tech, Sandfill, Hercules" for expansion joint	No change in tender conditions

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
47	NOTICE INVITING e-TENDER,PG NO:-9 (CI NO 1.3) & PG NO:-12 (CI No 1.9)-Bid Security Amount	3.24Crores. Bid shall be accompanied with Earnest money of Rs. 3.09 Crores in shape of demand draft of a scheduled bank issued in favor of "HSCC (India) Limited" Payable at New Delhi/Noida or fixed deposit receipt or Banker's cheque or Bank Guarantee in favor of "HSCC (India) Limited" as per Form B, having validity for six months or more from the last date of receipt of tenders or any extension thereof.	Please confirm the correct Bid Security to be submitted along with the bid.	The value of EMD in Clause 1.9 may be read as "Rs.3.24 crore" . Please refer to Amendment No.1
48	NOTICE INVITING BIDS (Pg. No9 CI No:1.3)- Completion period of work (months)	15 Calendar Months for all Buildings uptoG+5 Storeys high 18 Calendar Months all other buildings and works	Considering the scope of work and its integrity and complexity , the stipulated duration of the project is very Stringent and is practically not feasible. Hence request you to amend the project duration to 24 Months.	No change in tender conditions
49	SECTION-III NIT & IFB CL NO 4iii-SCOPE OF WORK	Getting all approvals / permissions / planning permits of the statutory / local / governmental agencies as required incidental to construction/ completion.	The Contractor shall be responsible for permission related to the work under scope of this contract , such as Labour License , etc. However , all approvals related to operational activities along with sanction of project from Govt. Bodies shall be in the scope of the Owner / HSCC. Please confirm.	No change. As per tender conditions.
50	SPECIFIC CONDITIONS OF CONTRACT (SCC) CL No:31.4 (Pg. No 26)-Delay in starting the work	No compensation shall be allowed for any delay caused in the starting of the work on account of acquisition of land, encroachment or in the case of clearance of works, on account of any delay in according sanction to estimates in issue of drawings, decisions etc. However, the extension of time shall be granted as per relevant conditions of Contract.	1.We presume that all clearnce that will be required to commence the work has already been taken by the client.Please confirm. 2.We request you to kindly provide us the encroachment free working site prior to start up the work. We also request you to pay idle charge if any delay occurs on account of handing over of site or issuance of drawing as per actual.	No change. As per tender conditions.
51	SPECIFIC CONDITIONS OF CONTRACT (SCC) CL No:31.8 (Pg. No 27)-Cutting of Trees	Permission of cutting of trees if required will be obtained by Contractor.	Cutting of trees is related to the environment issues and hence any permission fo the same may please be taken by HSCC. Please confirm.	No change. As per tender conditions.
52	SPECIFIC CONDITIONS OF CONTRACT (SCC) CL No:31.10iv (Pg. No 28)-Water & Power	The temporary connection for electric line and water line from local authorities shall be taken by the contractor who will bear the expenditures	1. We presume bore wells are allowed within the site premises without any extra charge. Please confirm. 2. We request you to provide Power for construction & area lighting at a single point at free of cost. Further distribution shall be borne by us.	As per tender conditions.
53	SPECIFIC CONDITIONS OF CONTRACT (SCC) CL No:32.3 (Pg. No:31)-Contractor's Temporary Structures	The Contractor shall make his own arrangement at his own expense for labour camp / accommodation of his labour and staff and their conveyance to Site as no workers/ staff shall unless with the specific approval of the Engineer be allowed to stay within the Site. Gate passes shall be issued by the Engineer to authorize the Contractor's staff and workers to enter the Site.	We request you to provide us the land for labour hutment within the site premises at free of cost.	The contractor has to make own arrangement for labour stay
54	SPECIFIC CONDITIONS OF CONTRACT (SCC) CL No:32.6 (Pg. No:31)-Site office and Infrastructure	A reasonably furnished site office and transit accommodation having a sample room, A.C. meeting room, A.C. staff rooms with file storage facility along with computers & printers and its consumables, a telephone with STD facility, Fax Machine, internet and toilets & pantry and a vehicle (Swift Dzire or equivalent) complete with driver, fuel and consumables shall be provided for Executing agency/HSCC by the Contractor at his own cost for the duration of the Contract.	We request you to provide us the detailed lay out of the site office along with the details (quantification)of the facilities to be provided by Contractor.	As per tender conditions.
55	SPECIFIC CONDITIONS OF CONTRACT (SCC) CL No:20 (Pg. No:17)-Variations	The contractor shall make no such variations without an order in writing by the Executing Agency, provided that no order in writing shall be required for increase up to 30% or decrease in the quantity of any work where such increase or decrease is not the result of an order given under this Clause, but is the result of the quantities exceeding or being less than those stated in the schedule of items.	1.We presume that the "deviation limit", as provided in "Schedule-F" shall mean "Positive or Negative" variation limit.Please confirm. 2.We request you to keep the variation limit within(+/-) 10% instead of (+/-) 30%.	No change. As per tender conditions.

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
56	Schedule F (Pg. No 109) CL No 2(ix)-Mile Stone		1.Since milestone has to be meticulously identified considering the project requirement, the same shall be based on L2 schedule which shall be approved by Employer. Kindly confirm. 2. Completion of project shall be as per schedule time, however milestone shall be only for monitoring purpose. Request you to waive off Amount to be with- held in case of non - achievement of milestone	No change. As per tender conditions.
57	-Site Visit		We request you to kindly provide us the contact details of the concerned person for the same.	Shri S.K.Khare - 9163959389
58	NOTICE INVITING BIDS (Pg. No9 Cl No:1.3)- Last date to fill/upload the tender through e-Tendering.	10.07.2017 up to 15:00 hr	You would appreciate that the work involves many specialized items for which we have to collect the rates from respective vendors/agencies/suppliers. Hence we request you to kindly extend the due date of bid submission at least by 21 days i.e. up to 31st July 2017.	No change. As per tender conditions.
Bidder No.2				
1	Vol -1 NIT/Pre-qualification	Similar Work shall mean works of "Construction of any multistoried RCC framed structure minimum five storey above ground level (basement, machine room and mummy shall not be counted as a storey) including finishing works, internal water supply, sanitary installations and internal electrical installation" all executed under one composite agreement.	Similar work shall mean residential / Non Residential Building of any number of storeyes.	Please refer to Amendment No.1
2	Vol - 1 page 10, clause 1.4.1 Eligibility criteria (b)	Experience of having successfully completed works during the last 7 years ending previous day of last date of submission of tenders Three similar completed works each costing not less than the amount equal to Rs.117.14 Crore (amount in Rupees of 40% of the estimated cost). or Two similar completed works each costing not less than the amount equal to Rs.175.71 Crore (amount in Rupees of 60% of the estimated cost). or One similar completed work of costing not less than the amount equal to Rs.234.28 Crore (amount in Rupees of 80% of the estimated cost).	The bidder should have completed at least one similar work of 40% of estimated cost put to tender fulfilling the following additional height criteria during last seven year ending previous day of last date of submission of tender	No change.
Bidder No.3				
1	EARNEST MONEY DEPOSIT-Revised Notice Inviting e-Tender & Corrigendum No. 1, Page 2, NIT -e- Tender Portal of HSCC (http://www.tenderwizard.com/HSCC) -Clause 1.9, NOTICE INVITING BIDS, Page 12 (Page 15 of PDF), NIT	Rs. 3.24 crore Rs. 3,24,00,000/- Rs. 3.09 Crores in shape of demand draft of a scheduled bank issued in favour of "HSCC (India) Limited" Payable at New Delhi/Noida or fixed deposit receipt or Banker's cheque or Bank Guarantee in favour of "HSCC (India) Limited" as per Form B, having validity for 6 months or more from the last date of receipt of tenders or any extension thereof.	1. Kindly clarify the amount of the Earnest Money Deposit to be submitted. 2. As per RBI guidelines, following details are required in order to process Bank Guarantee : a. Name & full address of the beneficiary bank branch b. IFS code of the beneficiary bank branch. We request you to kindly provide us the same. 3. Please clarify if the bank Guarantee will be in favour of "HSCC (India) Limited" or "HSCC (I) Ltd" .	The value of EMD in Clause 1.9 may be read as "Rs.3.24 crore" . Please refer to Amendment No.1 Current Account No.2726001800000011 RTGS Code :PUNB0272600 Bank : Punjab National Bank

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
	-Clause 2.3.6 (A) II (b), NOTICE INVITING BIDS, Page 12, NIT	The EMD will be in the form of demand draft of a scheduled bank issued in favour of "HSCC (I) Ltd" payable at New Delhi/Noida or fixed deposit receipt or Banker's cheque or Bank Guarantee in favour of "HSCC (I) Ltd" as per Form B, having validity for six months or more from the last date of receipt of tenders. The Bank guarantees should be irrevocable and operative for a period of six months or more from the last date of receipt of tenders or any extension thereof.		Branch : Sector 27, NOIDA The bank Guarantee shall be in the name of "HSCC (India) Ltd."
2	FORM-B ,BANK GUARANTEE-Form-B, NOTICE INVITING BIDS, Page 39, NIT	This guarantee shall continue to be in full force and effect for a period of 180 days from the date of submission of Bid.	Bank put a validity date and hence we propose the paragraph of BG format to be reworded as: "This guarantee shall continue to be in full force and effect for a period of 180 days from the date of submission of Bid i.e. valid up to.....(date)"	No change. As per tender conditions
3	ELIGIBILITY CRITERIA-1.4.1. (b) NOTICE INVITING BIDS, Page 10, NIT	In case the work experience is of Private sector the completion certificate shall be supported with copies of Corresponding TDS Certificates.	Since TDS equivalent to value of the contract are not always available, we request you to kindly allow submission of TDS equivalent to 80% of the project value, as it is generally accepted by Central government / state government and public sector enterprises.	No change. As per tender conditions
4	DURATION OF CONTRACT -NOTICE INVITING e-TENDER (Detailed NIT), Page 1 (Page 4 of PDF), NIT; INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR ETENDERING FORMING PART OF BID DOCUMENT, Page 3 (Page 6 of PDF), NIT; Clause 1.3, NOTICE INVITING BIDS, Page 9 (Page 12 of PDF), NIT; Clause 1.5, NOTICE INVITING BIDS, Page 11 (Page 14 of PDF), NIT & Clause iii, Form A Appendix, Page 37 (Page 40 of PDF), NIT	15 Calendar Months for all buildings up to G+5 Storeys high and 18 Calendar Months for all other buildings and works.	We request you to kindly consider the timeline of the project as 24 months.	No change. As per tender conditions
5	STATUTORY APPROVALS / NOCs-Clause 4, Scope of Work, Page 30 (Page 33 of PDF), NIT; Clause 4, SCC P-4 & 5 (Page 13 & 14 of PDF)	The activities to be carried out for the completion of the Project shall include the following and any additional activities incidental to these: iv. Submission of the completion (i.e. 'as-built') drawings and other related documents, both a hard copy and the soft copy in Auto CAD or any other IT application used for the purpose. v. Preparation of specifications and vendor list (in case not already provided) for all equipment wherever necessary and called upon to do so and getting these approved from client.	We request you to kindly exclude these from the scope of the Contractor and keep the same in the scope of the Client.	No change. As per tender conditions
6	TAXES & DUTIES-Clause 2.3.7, NOTICE INVITING BIDS, Page 22 & 23 (Page 25 & 26 of PDF), NIT & Clause 38, SCC P-34 (Page 43 of PDF)	These percentage rate/prices should include all costs associated with the Project including any out of pocket / mobilization expenses, taxes, charges, levies, cess, VAT, GST, Service Tax excluding PF & ESI etc. as per GCC applicable till the date of NIT. In case Government levies/modifies any tax subsequently the same will be adjusted plus/minus as the case may be.	Kindly clarify 'Service Tax excluding PF & ESI etc.'	As per tender conditions

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
7	MOBILISATION ADVANCE -Clause 10Bii, Clauses of Contract, Page 30 of 123 (Page 31 of PDF), GCC; Clause 10Biv, Clauses of Contract, Page 32 of 123 (Page 33 of PDF), GCC & Schedule F, Section- 7, Annexure- 3, Page 110 of 123 (Page 111 of PDF), GCC	Mobilization advance (bearing simple interest @ 10% p.a.) not exceeding 10% of the tendered value may be given, if requested by the contractor in writing within 1 month of the order to commence the work. Such advance shall be in 2 or more instalments to be determined by the Engineer-in-Charge at his sole discretion. The first instalment of such advance shall be released by the Engineer-in-charge to the contractor on a request made by the contractor to the Engineer- in-Charge in this behalf. The second and subsequent instalments shall be released by the Engineer- in- Charge only after the contractor furnishes a proof of the satisfactory utilization of the earlier instalment to the entire satisfaction of the Engineer-in-Charge. Before any instalment of advance is released, the contractor shall execute a Bank guarantee Bond from scheduled Bank for the amount equal to 110% of the amount of advance valid for the Contract Period. This (Bank Guarantee from Scheduled Bank for the amount equal to 110% of the balance amount of advance) shall be kept renewed from time to time to cover the balance amount and likely period of complete recovery, together with interest.	We request you to kindly provide us interest free mobilisation advance in single instalment against submission of Bank Guarantee of equivalent amount.	No change. As per tender conditions
8	MINIMUM BILL VALUE FOR PAYMENT OF INTERIM BILLS-Schedule F, Section- 7, Annexure- 3, Page 110 of 123 (Page 111 of PDF), GCC	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.: Rs. 10 Crore.	We request you to pay us the value of the interim bills irrespective of the bill value.	No change. As per tender conditions
9	PAYMENT OF FINAL BILL-Clause 9, Clauses of Contract, Page 26 & 27 of 123 (Page 27 & 28 of PDF), GCC	The final bill shall be submitted by the contractor, along with all supporting documents, in the same manner as specified in interim bills within 3 months of physical completion of the work or within 1 month of the date of the final certificate of completion furnished by the Engineer-in-Charge whichever is earlier. Payments of those items of the bill in respect of which there is no dispute and of items in dispute, for quantities and rates as approved by Engineer-in-Charge, will, as far as possible be made within 6 months from the date of receipt of the bill by the Engineer-in-Charge or his authorized Engineer, complete with account of materials issued by the Department and dismantled materials.	We request you to pay us the final bill amount within 60 days from the date of submission of the final bill by the Contractor irrespective of disputed / undisputed items.	No change. As per tender conditions
10	LABOUR CAMP-Clause 32.3, SCC P-30 & 31 (Page 39 & 40 of PDF)	The Contractor shall make his own arrangement at his own expense for labour camp / accommodation of his labour and their conveyance to Site as no workers shall unless with the specific approval of the Engineer be allowed to stay within the Site.	We request you to kindly provide us land inside or near the site premises free of cost for constructing labour hutments.	The contractor has to make own arrangement for labour stay. Space for other construction activity/infrastructure may be provided at site depending upon the availability of space. However, the Contractor will have no claim in case of non-availability of space.
11	CONSTRUCTION WATER-Clause 1.17, NOTICE INVITING BIDS, Page 13 (Page 16 of PDF), NIT & Clause 32.5, SCC P-31 (Page 40 of PDF)	The Contractor shall make his own arrangement for water supply at Site for drinking as well as construction purposes at his own cost.	We request you to kindly provide us construction water at at least three points within the site premises free of cost. Necessary arrangements for distribution of the same shall be done by us.	No change. As per tender conditions
12	CONSTRUCTION POWER-Clause 1.17, NOTICE INVITING BIDS, Page 13 (Page 16 of PDF), NIT & Clause 32.5, SCC P-31 (Page 40 of PDF)	The Contractor shall make his own arrangements for power supply at Site for construction, testing & commissioning of all services and general use at his own cost.	We request you to kindly provide us construction power at at least one point within the site premises free of cost. Necessary arrangements for distribution of the same shall be done by us.	No change. As per tender conditions
13	MILESTONE LD-Schedule F, Section- 7, Annexure- 3, Page 109 of 123 (Page 110 of PDF), GCC	As per the attached milestone schedule mentioned in Schedule F, Section- 7, Annexure- 3, Page 109 of 123 (Page 110 of PDF), GCC.	We request you to kindly waive off milestone liquidated damages and to consider liquidated damages on total completion only.	No change. As per tender conditions

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/as per Tender	Bidders Queries	Reply
14	QUANTITY VARIATION-Clause 12.2, Clauses of Contract, Page 41 of 123 (Page 42 of PDF), GCC Page 111 (Page 112 of PDF), Schedule F, GCC -Clause 20.c, SCC P-17 & 18 (Page 26 & 27 of the PDF)	1. Deviation Limit for building work: 30%. 2. Deviation Limit for foundation work (except earth work): 30%. 3. Deviation Limit for items in earth work subhead of DSR or related items:100% In the case of contract items, substituted items, contract cum substituted items, which exceed the limit, the contractor may within 15 days of receipt of order or occurrence of the excess, claim revision of the rates, supported by proper analysis for the work, the Engineer-in-Charge shall within 60 days of receipt of the claims supported by analysis, after giving consideration to the analysis of the rates submitted by the contractor, determine the rates on the basis of the market rates and the contractor shall be paid in accordance with the rates so determined. The contractor shall make no such variations without an order in writing by the Executing Agency, provided that no order in writing shall be required for increase up to 30% or decrease in the quantity of any work where such increase or decrease is not the result of an order given under this Clause, but is the result of the quantities exceeding or being less than those stated in the schedule of items.	We request you to kindly consider the deviation limit as (+/-) 20% for all items beyond which item rates shall be revised.	No change. As per tender conditions
15	EXTRA ITEMS -Clause 12.2, Clauses of Contract, Page 40 of 123 (Page 41 of PDF), GCC	In the case of extra item(s), the contractor may within 15 days of receipt of order or occurrence of the item(s) claim rates, supported by proper analysis, for the work and the Engineer-in-charge shall within prescribed time limit of the receipt of the claims supported by analysis, after giving consideration to the analysis of the rates submitted by the contractor, determine the rates on the basis of the market rates and the contractor shall be paid in accordance with the rates so determined.	We request you to pay us for extra items on the basis of (actual cost incurred for material cost, labour cost, plant & machinery hire charges & subcontractor cost) + (15% towards Contractor's profit & overheads) + (all applicable taxes at actual).	No change. As per tender conditions
16	DEVIATION, SUBSTITUTED ITEMS AND PRICING-Clause 12.2, Clauses of Contract, Page 40 of 123 (Page 41 of PDF), GCC	In the case of substituted items (items that are taken up with partial substitution or in lieu of items of work in the contract), the rate for the agreement item (to be substituted) and substituted item shall also be determined in the manner as mentioned in the following para. (a) If the market rate for the substituted item so determined is more than the market rate of the agreement item (to be substituted), the rate payable to the contractor for the substituted item shall be the rate for the agreement item (to be substituted) so increased to the extent of the difference between the market rates of substituted item and the agreement item (to be substituted). (b) If the market rate for the substituted item so determined is less than the market rate of the agreement item (to be substituted), the rate payable to the contractor for the substituted item shall be the rate for the agreement item (to be substituted) so decreased to the extent of the difference between the market rates of substituted item and the agreement item (to be substituted).	We request you to pay us for such substituted items on the basis of (actual cost incurred for material cost, labour cost, plant & machinery hire charges & subcontractor cost) + (15% towards Contractor's profit & overheads) + (all applicable taxes at actual).	No change. As per tender conditions

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
17	SUSPENSION OF WORK-Clause 15, Clauses of Contract, Page 44 & 45 of 123 (Page 45 & 46 of PDF), GCC	(i) The contractor shall, on receipt of the order in writing of the EIC, suspend the progress of the works or any part thereof for any of the following reasons:(a) on account of any default on the part of the contractor, (b) for proper execution of the works or part thereof for reasons other than the default of the contractor, (c) for safety of the works or part thereof. (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. (b) If the total period of all such suspensions in respect of an item or group of items or work for which a separate period of completion is specified in the contract exceeds 30 days, the contractor shall, in addition, be entitled to such compensation 2% to cover indirect expenses provided the contractor submits his claim supported by details 15 days of the expiry of the period of 30 days.	We request you to compensate us at actual on account of loss of business, idling of resources if the cause of such suspension is beyond the control of the Contractor.	No change. As per tender conditions
18	PROLONGED SUSPENSION-Clause 15, Clauses of Contract, Page 44 & 45 of 123 (Page 45 & 46 of PDF), GCC	If the works or part thereof is suspended on the orders of the EIC more than 3 months at a time, except when suspension is ordered for any fault of the Contractor, the contractor may after receipt of such order serve a written notice requiring permission within 15 days from receipt by the EIC of the said notice, to proceed with the work. If such permission is not granted within that time, the contractor, if he intends to treat the suspension, as an abandonment of the works, shall within 10 days of expiry of such period of 15 days give notice in writing of his intention to the EIC. In this case, he shall have no claim to payment of any compensation on account of any profit or advantage which he might have derived from the execution of the work in full but which he could not derive in consequence of the abandonment. He shall, however, be entitled to such compensation, as the EIC may consider reasonable, adding to the total thereof 2% to cover indirect expenses provided the contractor submits his claim supported by details to the EIC within 30 days of the expiry of the period of 3 months.	We request you to compensate us at actual on account of loss of business, idling of resources if such suspension and subsequent abandonment is due to no fault of or beyond the control of the Contractor.	No change. As per tender conditions

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/as per Tender	Bidders Queries	Reply
19	ABANDONMENT OF CONTRACT DUE TO NON- COMMENCEMENT OF WORKS-Clause 3A, Clauses of Contract, Page 17 & 18 of 123 (Page 18 & 19 of PDF), GCC	In case, the work cannot be started due to reasons not within the control of the contractor within 1/8th of the stipulated time for completion of work or one month whichever is higher, either party may close the contract. In case contractor wants to close the contract, he shall give notice to the department stating the failure on the part of department. In such eventuality, the Performance Guarantee of the contractor shall be refunded within the following time limits: (i) If the tendered value of work is up to Rs.45 lac : 15 days (ii) If the tendered value of work is more than Rs.45 lac & up to Rs.2.5Cr. : 21 days (iii) If the tendered value of work exceeds Rs.2.5 crore : 30 days If the PG is not released within prescribed time limit, then a simple interest @0.25% per month shall be payable on Performance Guarantee amount to the Contractor from the date of expiry of prescribed time limit. A compensation for such eventuality, on account of damages etc. shall be payable @ 0.25% of tendered value subject to maximum limit of Rs.10 lacs.	We request you to compensate us at actuals on account of loss of business, idling of labour & machineries etc. in such cases.	No change. As per tender conditions
20	FORECLOSURE OF CONTRACT DUE TO ABANDONMENT OR REDUCTION IN SCOPE OF WORK-Clause 13, Clauses of Contract, Page 42 & 43 of 123 (Page 43 & 44 of PDF), GCC	If at any time after acceptance of the tender, Government shall decide to abandon or reduce the scope of the works for any reason whatsoever and hence not require the whole or any part of the works to be carried out, the Engineer-in-Charge shall give notice in writing to that effect to the contractor and the contractor shall act accordingly in the matter. The 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. The reasonable compensation on account of i. expenditure incurred on preliminary site work, e.g. temporary access roads, temporary labour huts, staff quarters and site office, storage accommodation and water storage tanks ii. for transfer of T & P from site to contractor's permanent stores or to his other works iii. for repatriation of contractor's site staff and imported labour to the extent necessary shall be paid to the Contractor provided the amount of such compensation shall not be in excess of 2% of the cost of the work remaining incomplete on the date of closure. A compensation for such eventuality, on account of damages etc.	We request you to compensate us at actual on account of loss of business, idling of resources in such eventualities.	No change. As per tender conditions
21	FAILURE OF EXECUTING AGENCY TO ISSUE DRAWINGS / INSTRUCTIONS-Clause 6.b, SCC P-8 (Page 17 of PDF)	If by reason of any failure or inability of the Executing Agency to issue within 4 weeks any drawing or instruction for which notice has been given by the Contractor and the contractor suffers delay, then the Engineer-in-charge, shall on the request of the Contractor recommend to the Client any extension of time under respective clause. Notwithstanding anything stated above, the Contractor shall not be eligible for any financial compensation arising out of the above.	We request you to compensate us at actual on account of loss of business, idling of resources in such eventualities.	No change. As per tender conditions
22	NO COMPENSATION CLAUSE-Clause 31.10, SCC P-28 (Page 37 of PDF)	No idling charges or compensation shall be paid for idling of the contractor's labour, staff or P&M etc. on any ground or due to any reason whatsoever.	We request you to compensate us at actual on account of loss of business, idling of resources if the idling is due to no fault of or beyond the control of the contractor.	No change. As per tender conditions

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
23	COMPENSATION DURING WARLIKE SITUATIONS-Clause 43, Clauses of Contract, Page 70 of 123 (Page 71 of PDF), GCC	Provided always that no compensation shall be payable for any loss in consequence of hostilities or warlike operations (a) unless the contractor had taken all such precautions against air raid as are deemed necessary by the A.R.P. Officers or the Engineer-in-Charge(b) for any material etc. not on the site of the work or for any tools, plant, machinery, scaffolding, temporary building and other things not intended for the work.	Kindly clarify how Contractors can take precautions against air raids.	As per tender conditions
24	CUTTING OF TREES-Clause 31.8, SCC P-27 (Page 36 of PDF)	Permission of cutting of trees if required will be obtained by Contractor.	We request you to keep the scope of obtaining required permissions / approvals for cutting of trees with you. Kindly confirm.	No change. As per tender conditions
25	ARBITRATION-Clause 25, Clauses of Contract, Page 56- 58 of 123 (Page 57- 59 of PDF), GCC & Clause 36, SCC P-33 (Page 42 of PDF)	Except where the decision has become final, binding and conclusive, disputes or difference shall be referred for adjudication through arbitration by a sole arbitrator appointed by the Designated Authority of the Executing Agency. If the contractor does not make any demand for appointment of arbitrator in respect of any claims in writing as aforesaid within 120 days of receiving the intimation from the Engineer-in-charge that the final bill is ready for payment, the claim of the contractor shall be deemed to have been waived and absolutely barred and the Executing Agency shall be discharged and released of all liabilities under the contract in respect of these claims. The venue/ seat of Arbitration shall be at Delhi.	We request you to kindly modify and incorporate the arbitration clause as follows: Any disputes or differences arising out of this contract which cannot be amicably settled, shall be referred for arbitration to a panel of three arbitrators- one appointed by each parties and the third/ presiding arbitrator to be appointed by the two arbitrators so appointed. The arbitration proceedings shall conform to Indian Arbitration and Conciliation Act, 1996 or any statutory modification/ re-enactment thereof.	No change. As per tender conditions
26	STATUTORY APPROVALS-Clause 4, SCOPE OF WORK, Page 30 (Page 33 of PDF), NIT -Clause 5, SCOPE OF WORK, Page 30 & 31 (Page 33 & 34 of PDF), NIT & Clause 4.1.1, SCC P-5 (Page 14 of PDF)	The activities to be carried out for the completion of the Project shall include the following and any additional activities incidental to these: <input type="checkbox"/> Getting all approvals / permissions / planning permits of the statutory / local / governmental agencies as required incidental to construction/ completion. <input type="checkbox"/> Obtaining occupancy certificate and related NOC's from statutory/ local/governmental agencies. Statutory payment on this account will be reimbursed by the client at actuals on production of payment receipts The Contractor shall obtain all necessary approvals except pre-construction from Municipal and other local bodies including Municipal bodies, Water supply agencies concerned, Electric Supply and inspectorate. Agencies concerned, Police and Security Agencies, Chief Controller of Explosives, Fire Department, Civil Aviation Department, concerned in accordance to prevailing rules, Building Bye-Laws, tree cutting etc., as the case may be with related to/ required for Construction/Completion. All expenditure on this account will be borne by the contractor. The approvals shall include the following in addition to any other approval which may be required for the project. <input type="checkbox"/> Construction Permit if required <input type="checkbox"/> NOC from Chief Fire Officer <input type="checkbox"/> NOC from Lift Inspector where lifts are provided <input type="checkbox"/> Occupancy certificate <input type="checkbox"/> GRIHA Certification (Minimum 3 Star) HSCC may, at the written request of the Contractor, assist him in obtaining the approvals from relevant authorities. However any such request by the Contractor shall not bind HSCC in any manner.	We request you to exclude obtaining statutory approvals/ NOCs from the scope of the Contractor and keep the same in the scope of the Client.	No change. As per tender conditions

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
27	LAST DATE OF SUBMISSION OF TENDER (ONLINE)-e- Tender Portal of HSCC (http://www.tenderwizard.com/HSCC)	10-07-2017 15:00 Hrs	Considering the nature and magnitude of the project, we request you to kindly provide us at least 21 days' time extension and consider the last date of submission of tender (online) as 31.07.2017.	No change. As per tender conditions
Technical Queries: Civil & Finishing Works				
1	SITE PLAN, MASTER PLAN & GEOTECHNICAL INVESTIGATION REPORT- Clause 3, SCOPE OF WORK, Page 30 (Page 33 of PDF), NIT	The surveyed site plan and Master plan along with the report of geotechnical investigation are available and will be made available to finally selected Contractor.	We request you to kindly provide us the surveyed site plan, master plan and geotechnical investigation report at tender stage.	
2	CAD DRAWINGS-	Not provided.	We request you to kindly provide us the structural and architectural drawings in CAD format.	
3	CEMENT-Clause 1.07, Page 2 (Page 3 of PDF), Technical Specifications -Clause XV, Additional Specific Conditions of Contract relating to Environmental Clearance & "GRIHA Rating of Integrated Habitat Assessment (GRIHA Rating System)", SCC P-56 (Page 65 of PDF)	Grade of cement used shall be OPC 43 Grade unless otherwise specified explicitly. Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on August, 2003.	Kindly confirm if we can use PPC instead of OPC with fly ash for this project as the availability of OPC in the eastern part of the country is poor.	No change. As per tender conditions
4	PLASTERING WORK-Clause 1.13, Page 2 (Page 3 of PDF), Technical Specifications	Rates for plastering work (excluding washed grit finish on external wall surfaces) shall include for making grooves, bands etc. wherever required and nothing extra shall be paid for the same.	We request you to pay separately for architectural grooves, bands etc. Please confirm.	No change. As per tender conditions
5	BARRICATION-Clause 1.20, Page 3 (Page 4 of PDF), Technical Specifications	He shall also ensure that all work sites within the Institute complex are properly cordoned off by means of barricades and screens up to a height of 3.0 m above ground level. The contractor shall use painted CGI sheets which are in good condition mounted on steel props.	We request you to pay us separately for barrication.	No change. As per tender conditions
6	APPROVED MAKES-Point 5, Page 21 (Page 22 of PDF), Technical Specifications	Final choice of make mentioned above shall remain with the Engineer in charge Other equivalent makes can also be added or deleted, subject to price adjustment if any.	Any of the vendor/ make specified in the tender and also its equivalent shall be allowed without any Cost adjustments in our quoted rates. However, prior approval shall be taken from the Client/Consultant for the equivalent make. Kindly confirm.	As per tender conditions
7	LIST OF APPROVED MAKES: POLYCARBONATE SHEETS-Point No. 15, List of Approved Makes for Civil Works, Page 19 (Page 20 of PDF), Technical Specifications	GE Plastic, Gallina (USA), Macrolux (UK)	We request you to kindly incorporate Danpalon in the list of approved makes for this item.	No change. As per tender conditions
8	LIST OF APPROVED MAKES: WOODEN FIRE CHECK DOORS-Point No. 16, List of Approved Makes for Civil Works, Page 19 (Page 20 of PDF), Technical Specifications	Navair, Pacific	We request you to kindly incorporate Sukriti in the list of approved makes for this item.	No change. As per tender conditions
9	LIST OF APPROVED MAKES: METAL FIRE DOOR-Point No. 17, List of Approved Makes for Civil Works, Page 19 (Page 20 of PDF), Technical Specifications	Navair, Shaktimet, Godrej, Pacific	We request you to kindly incorporate Sukriti in the list of approved makes for this item.	No change. As per tender conditions
10	LIST OF APPROVED MAKES: CERAMIC TILES-Point No. 19, List of Approved Makes for Civil Works, Page 19 (Page 20 of PDF), Technical Specifications	Kajaria, Somany, Naveen	We request you to kindly incorporate Johnson in the list of approved makes for this item.	No change. As per tender conditions
11	LIST OF APPROVED MAKES: VITRIFIED TILES-Point No. 33, List of Approved Makes for Civil Works, Page 20 (Page 21 of PDF), Technical Specifications	Kajaria, Somany, Naveen	We request you to kindly incorporate Johnson in the list of approved makes for this item.	No change. As per tender conditions

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
12	LIST OF APPROVED MAKES: FIRE RATED GLASS-Point No. 58, List of Approved Makes for Civil Works, Page 20 (Page 21 of PDF), Technical Specifications	Saint Gobain, Pilkington, Schott	We request you to kindly incorporate AIS Glass and Modiguard in the list of approved makes for this item.	No change. As per tender conditions
13	EARTH WORK IN EXCAVATION-Item No. 1.02.c, BOQ Page C-1 (Page 2 of PDF)	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan),... Hard rock (blasting prohibited)	We request you to allow controlled blasting for Excavation in Hard Rock. Please confirm.	work shall be carried out as per tender conditoinis
14	EXPANSION JOINT SYSTEM-Item No. 3.12-3.14, BOQ Page C-7 to C-9 (Page 8- 10 of PDF)		We request you to provide the List of Approved Makes for Expansion Joint System.	Work shall be carried out as per Tender Conditions
15	PILING WORKS: 600 MM DIA PILE-Item No. 3.15, BOQ Page C-9 (Page 10 of PDF)	Boring, providing and installation bored cast-in-situ reinforced cement concrete piles of grade M-25 of specified diameter and length below pile cap... by Crawler mounted, telescopic boom hydraulic piling Rig all complete, including removal of excavated earth with all its lifts and leads (length of pile for payment shall be measured up to bottom of pile cap). 600 mm dia piles	1. Kindly mention if truck mounted rigs shall be allowed. 2. Kindly mention the depth of the piles. 3. Kindly provide us the detailed drawings of piles.	As per tender conditions
16	TOILET CUBICLE-Item No. 4.05, BOQ Page C-10 & 11 (Page 11- 12 of PDF)	Providing & fixing Classique Invincible Toilet Cubicle of GreenlamSturdo / merino or equivalent approved make of sizes as per drawing which includes...	Kindly mention the size and height of the toilet cubicles.	Work shall be carried out as per BOQ and tender conditions.
17	P&F CERAMIC GLAZED WALL TILES-Item No. 7.10, BOQ Page C-28 (Page 29 of PDF)	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer)	Kindly mention the size and thickness of the tiles.	Work shall be carried out as per BOQ and tender conditions.
18	P&L RECTIFIED GLAZED CERAMIC FLOOR TILES-Item No. 7.11, BOQ Page C-28 (Page 29 of PDF)	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer)...	Kindly mention the size and thickness of the tiles.	Work shall be carried out as per BOQ and tender conditions.
19	P&L VITRIFIED FLOOR TILES-Item No. 7.12, BOQ Page C-28 (Page 29 of PDF)	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer)... a) Size of Tile 600x600 mm	Kindly mention the thickness of the tiles.	Work shall be carried out as per BOQ and tender conditions.
20	P&L VITRIFIED TILES-Item No. 7.13, BOQ Page C-28 (Page 29 of PDF)	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer).... a) Size of Tile 600x600 mm	Kindly mention the thickness of the tiles.	Work shall be carried out as per BOQ and tender conditions.
21	P&F ACID- ALKALI RESISTENT TILES-Item No. 7.14, BOQ Page C-29 (Page 30 of PDF)	Providing and fixing 10 mm thick acid and/or alkali resistant tiles of approved make and colour using acid and/or alkali resisting mortar bedding...	Kindly mention the size of the tiles.	Work shall be carried out as per BOQ and tender conditions.
22	HDF LAMINATED WOODEN FLOORING-Item No. 7.16, BOQ Page C-29 (Page 30 of PDF)	P/L 8mm thick (EN13329) HDF laminated wooden Flooring including skirting of approved brand and manufacture...	Kindly clarify if only floors shall be measured for payment purpose or both floors and skirting shall be measured.	Area of flooring and skirting shall be measured for payment.
23	PVC VINYL FLOORING / SKIRTING-Item No. 7.21, BOQ Page C-30 (Page 31 of PDF)	Providing & fixing 2 mm thick homogeneous jointless, scratch resistant, chemical resistant, anti fungal and anti bacterial class A clean room certified, Phalate free PVC Vinyl flooring and skirting/ coving good for laboratories of approved quality...	Kindly clarify if only floors shall be measured for payment purpose or both floors and skirting shall be measured.	Area of flooring and skirting shall be measured for payment.
24	EXTRA FOR P&F COVING OF PVC FLOORING-Item No. 7.22, BOQ Page C-30 (Page 31 of PDF)	Extra for providing and fixing coving of suitable material for PVC flooring including the cost of labour and materials for coving. Length of coving shall be measured for payment.	We understand that the Coving shall be measured and paid separately under Item No. 7.22 and not to be included in Item No. 7.21. Please confirm.	As per BOQ item and Tender conditions.
25	SS CLAMPS FOR DRY STONE CLADDING-Item No. 10.04, BOQ Page C-44 (Page 45 of PDF)	Providing and fixing adjustable stainless steel cramps of approved quality, required shape and size, adjustable with stainless steel nuts, bolts and washer...	Kindly mention the grade of stainless steel.	As per BOQ item and Tender conditions.
26	P&F GRC SCREENS-Item No. 10.08, BOQ Page C-45 (Page 46 of PDF)	Proving and fixing glass Reinforced Concrete (G.R.C) Screens in approved size, pattern design, thickness and color of approved make...	We request you to provide the Size, Design Pattern/ Drawings for GRC Screens.	Work shall be carried out as per BOQ and tender conditions.

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
27	RETRO REFLECTIVE OVERHEAD SIGNAGE BOARD-Item No. 10.16, BOQ Page C-51 & 52 (Page 52 & 53 of PDF)	Manufacturing, supplying and fixing retro reflective overhead signage boards made up of 2 mm thick aluminium sheet... Overhead informatory road signage	Kindly mention the size of the signage and height of the same from ground / floor / road level. Also please mention where the same shall be required.	Work shall be carried out as per BOQ and tender conditions.
28	EXTERNAL SIGNAGES-Item No. 10.17, BOQ Page C-52 (Page 53 of PDF)	Providing & fixing of external signage of varying sizes & shapes using GI sheet of at least 19G...	Kindly mention the size of the signage.	Work shall be carried out as per BOQ and tender conditions.
Technical QUERIES: MEP Works				
1	ELECTRICAL-Make List-General	List of Makes - Main LT Panel/ APFC panels/Main AC panel Siemens/ L&T/ABB/Schneider	Please approve Legrand make Main LT Panel, Capacitor Panel & Main AC Panel. Kindly Accept the System Integrator of SIEMENS / L&T / ABB / Schneider for HT Panel, Main LT Panel, Capacitor Panel & Main AC Panel.	No change. As per tender conditions No change. As per tender conditions
2	HVAC: CHILLER-Make List-General	Make List: Centrifugal Chilling Units with VFD (ARI Certified)- Carrier/ Trane/ York	Please approve Voltas Make for Centrifugal Chilling Units with VFD (ARI Certified).	No change. As per tender conditions
3	-HVAC Specifications 1.1.7	Compressor should modulate from 100% to 20% for stable operation without surging	This parameter is important for centrifugal chillers. Since Centrifugal chillers are non-positive displacement chillers, hence there is a typical problem of surging associated with Centrifugal chillers. Even CPWD / PWD mentions this point in their specification to check whether the chillers offered are surge free. We request you to please make AHRI Certified and stamped sheets part of tender specifications: 1. Tender Conditions: data from 100%- 15% at constant condenser entering water temperature of 31.1 Deg C without hot gas bypass. 2. Tender Conditions: It should be possible to go down up to 15% of full load even at constant condenser entering water temperature of 90 Deg F. 3. AHRI Certified sheet of Sound levels at tender conditions- The sound levels at part loads shall not exceed the full load sound levels. If a chiller is not able to unload up to 15% , then it means that chiller is starting to surge at 50% load. In case if chiller is not able to unload below 30%, then it means chiller starts stalling at 70% load. Please clarify.	Shall be as per tender conditions
4	-Specification 1.1.10 (v)	Motor shall be Fan Cooled for Open Type motor.	The complete chillers are as per NEMA 1 standard for all chiller manufacturers. Open Drive Motors shall be Air cooled SPDP Type standard and refrigerant cooled motor shall be refrigerant cooled. Please note we make Open drive motors which are SPDP (Screen Protected Dip Proof), complying to NEMA 1 standards equivalent to IP 23. Since all water cooled installations are meant for indoor applications. The same is approved by CPWD General specification 2017. It is also to be noted that all the previous AIIMS accept and prefer Open drive with IP 23 SPDP Air Cooled motors over refrigerant cooled for semi hermetic motors . We have number of installations working with Open type motors for over 10 years without any problem in AIIMS Delhi. We would also like to highlight few of Govt. Jobs references for chillers from York, where SPDP Type Air Cooled motors are already running and working without any problem. * Supreme Court -CPWD (400 TR x 3#) * Judiciary Academy, Dwarka -PWD (400 TR # 4) * Delhi Airport (600 TR # 4) * AIIMS Trauma Center (250 TR x 1# + 800 TR x 1#) * AIIMS CN (500 TR x 3#) * RP Center (500 TR) * AIIMS, Jodhpur (750 TR # 5)	Standard design of manufacturer is acceptable

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
5	-	Specification: Evaporator and Condenser	The evaporator and condenser shells shall be ASME U Stamped. ASME is a global standard followed by all leading chiller manufacturers for fabrication of their shells. All chiller manufacturers have ASME U Stamped shells available from their China/ USA Factory.	ASME stamped.
6	-	Chiller BOQ- AHRI Certified performance sheet evaluation	Since the chillers are AHRI certified, the AHRI Certified sheet should mention Active Harmonic Filters/ Active Rectifier/ Low Harmonics. AHRI Certified performance sheet without harmonic filters should not be accepted. No separate calculation of active harmonic filter losses should be acceptable. There should be provision of continuous monitoring of harmonic levels at chiller control panel. No separate meters should be acceptable.	AHRI Sheet with harmonic filter
7	-	VFD Type- BOQ	TO ensure that all chillers are properly calibrated with VFD from factory, free standing VFD should not be acceptable. All chiller manufacturer have the capability of providing Unit Mounted VFD and have sites where Unit Mounted VFD in same capacity range are installed.	Shall be as per tender
8	-General	Specification	Please provide us the details specification of the chiller.	Shall be as per tender
9	-Chiller BOQ	The kw/TR should not be less than 0.65 at duty conditions.	Kindly note that chiller with 6.3 COP @ AHRI Condition shall delivery < 0.69 kw/TR @ tender condition. Since Tender falls under very high Condenser Water Entering temp of 93 F / 33.9 C, highest efficiency chiller shall deliver close to 0.69 KW/TR. Hence request you to please amend this clause as, "The kw/TR should not exceed 0.69 at duty conditions".	COP 6.3 IKW/TR less than 0.68
10	HVAC-General	Performance test	Please confirm whether the chiller performance test at manufacturer works shall be witnessed by the client or not.	Shall be as per tender
11	-BOQ item no. 2.1 , 2.2 & 2.3 of (A) Equipments	Chilled Water & Condenser Water Pumps	Please confirm the number of Differential Pressure Transmitter required for secondary pumping system zone wise.	Shall be as per tender
12	-		As per the BOQ all the pumps are split casing type but specification says end suction back pull out type. Please confirm.	end suction back pulout
13	-BOQ item no. 3.0 of (A) Equipments	Cooling Tower	As per the BOQ cooling tower range shall be 10° F but specification says cooling tower range shall be 7.56 ° F. Please confirm.	Shall be as per BOQ
14	-		As per the BOQ wet bulb approach shall be 7° F but specification says wet bulb approach shall be 4.986 ° F. Please confirm.	Shall be as per BOQ
15	-BOQ item no. 5.1 & 5.2 of (A) Equipments	Air Handling Unit	Please confirm the AHU pipe connection size or water flow rate so that we can select the 2 Way pressure independent dynamic balancing cum control valve for each AHU.	Shall be as per tender
16	-		Please confirm whether the mixing box is required for each AHU.	Yes
17	-		Please confirm whether thermal break profile is required for each AHU.	Yes
18	-		We understand that minimum 2 bend GSS/PVC eliminators shall be required for the AHU. We would like to inform you that GSS / PVC eliminator is not required in case we select the chilled water cooling coil properly as per the system requirement. GSS / PVC eliminator also increase the internal loss of the AHU which causes the additional power requirement for the system. Therefore, we would request you to kindly delete the GSS / PVC eliminator from the AHU.	Shall be as per tender
19	-		As per the BOQ description we understand that Fine Filter shall be installed in a separate discharge plenum. Please confirm.	in AHU after fan
20	-		Please confirm whether separate plenum is required for the AHU where Hepa Filter is involved.	2-tier arrangement
21	-		Please confirm whether the Air Purge Valve & Drain valve price is included in the AHU price. In case the same is included in the AHU price please confirm the size & quantity of the Air Purge Valve & Drain valve.	Shall be as per tender

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/as per Tender	Bidders Queries	Reply
22	-		As per the BOQ description we understand that VFD starter panel is included in the AHU price and the AHU shall be operated through VFD only. Therefore, no separate by pass starter is required for the AHU. Please confirm.	Yes. Shall be as per tender
23	-		As per the BOQ we understand that the static pressure mentioned in BOQ shall be total static pressure. Please confirm.	TSP
24	-BOQ-5.0-AHU	AHU along with wiring for interconnections with 1.5 sq. mm Cu Conductor multicore armoured complete as required	We will consider 15Rmt of cabling for each AHU. Please confirm.	Shall be as per tender
25	-BOQ-5.0-AHU	All the AHU's shall be with IP-55 rated suitable capacity VFD starter	We will consider IP55 Starter panel, however, VFD shall be considered with IP20 rating as the same is installed inside starter panels only.	VFD-IP-55 required
26	-BOQ item no. 6.0 of (A) Equipments	VAV box	Kindly provide us the detail specification.	As per tender conditions
27	-BOQ item no. 8.0 of (A) Equipments	Expansion Tank	As per the BOQ description we understand that Expansion Tank shall be used in chilled water line. Please confirm.	Ye
28	-		As per the BOQ description we understand that chilled water Expansion Tank shall be insulated with EPS slab of Density 32 Kg. / Cum. We would request you to kindly accept the density of 24 Kg. / Cum. instead of 32 Kg. / Cum density as this is non standard product of the manufacturer. Please confirm.	shall be as per tender. 24 Kg/CUM acceptable
29	-BOQ item no. 9.8 of (A) Equipments	GI Tray	we would request you to kindly provide us the GI tray size required for the exposed cu. refrigerant piping.	As per duty
30	-Referring BOQ item no. 14.1(Sub Head B) Piping).	Drain piping	kindly confirm the type of insulation shall be used for drain piping. Also confirm the material of insulation, thickness of insulation material & finishing of insulation.	Shall be as per tender.
31	-BOQ Item no 1.0	Schematic drawing and BOQ	As per drawings, Chillers qty is 3 and whereas in BOQ chillers qty is 2 nos. Please clarify .	As per BOQ
32	-Specs-AC-Page-13-2.0-Condenser	The refrigerant side will be designed, tested and stamped in accordance with ASME Boiler and pressure vessel code, section VIII - Division 1	Chiller Evaporator and Condenser pressure vessels are designed and tested as per ASME standards only We would request you to waive off the ASME stamping on pressure vessels.	Shall be as per tender
33	-BOQ-2.2-Secondary pumps	Separate control panel with separate VFDs and separate PLC for each set	We presume that 2# separate PLC panels are required, one for OPD block & one for Ayush block secondary pumps and VFDs shall be installed in PLC panel only. Kindly confirm.	Yes. Shall be as per tender
34	-BOQ-2.3-Condenser pumps	Condenser pumps with Cladded insulation	Since these pumps are required for condenser water application, cladded insulation may not be applicable. Kindly confirm.	Insulation not required.
35	-BOQ-5.2-TFA cum HRW	Outdoor unit with Heat recovery wheel	As the outdoor AHU shall be supplied with Heat recovery unit, we will quote AHU with HRW from AHU approved makes only, however HRW shall be considered as per list of makes only such as DRI/Flaktwoods/Bryaire/Novelair/Greenheck.	As per tender
36	-BOQ-D-21.0-Electrical	AC Panel & AHU-Electrical panel SLD	We request you to provide the SLD for main MCC and other Electrical panels.	Shall be provided to the successful bidder for execution
37	-BOQ - 6 - Inline fans	Inline fans - Starter & cabling	We will consider 15Rmt of cabling for each Fan. Please confirm.	as per tender
38	-BOQ - 6.2 to 6.5 - Axial fans	Fan speed 960RPM for fan dia above 1000mm and 1440RPM for fan dia 1000mm and lesser	We request you consider 1440RPM/4pole as maximum fan speed for all axial fans.	as per tender
39	-List of approved makes - 23.0 - VRV/VRF	VRV/VRF makes Carrier/Hitachi/Daikin/Ogeneral/Toshiba/Mitsubishi	- We request you to consider Voltas make VRF system which is complying with specifications. Recently we have supplied and installed Voltas make VRF in Vijayawada airport terminal extension - 180HP, APCRDA-Amaravati secretariat bldgs B2 - 900HP & B6 - 600HP in 2016. We also supplied and installed our VRF units in many of the Public sectors applications, few of them are as below 1). NMDC, Hyd 2). CPWD, Vizag, AP 3). NTPC, Hyd, 4). Dept. of Atomic Energy, Hyd 5). BEL, Bangalore 6). Buddh International F1 circuit, Noida 7). Chennai Metro Rail, 8). Gujarat High court, Ahmedabad	as per tender
40	-BOQ - 9.1 - VRF ODU's	VRF ODU capacities	Please clarify whether ODU capacities are at actual ambient conditions.	as per tender
41	-BOQ - 9.6 - Refrigerant piping makes	Makes are not available for Refrigerant copper piping	Please confirm the makes for Refrigerant copper piping.	Diamond/Star/Rajco

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
42	-List of approved makes - 59 - Butterfly valves	Butterfly valves makes - Audco/Honeywell/L&T	We request you to consider following additional make also. 1. Advance as the same is approved in this tender for NRV & Balancing valves.	As per tender
43	-BOQ - 16.11.1 & 11.2 - Butterfly valves	Butterfly valves (manual) & Motorised Butterfly valves : with C I body SS disc	We request you to approve for Ductile Iron(SG) disc as against SS disc, since same is used for similar chilled water applications also.	As per tender
44	-List of approved makes - 49 - Factory fabricated ducts	Factory fabricated ducting makes - Ductofab/Rolastar/Technofab	We request you to consider following make fabricators 1. VJ Air 2. DLN 3. Visakha make factory fabricated ducts to reduce delivery lead time and to have better coordination within the state for smaller quantities of ducting requirements during final connection pieces to equipments. However, we shall consider Ducting sheets as per list of makes only - TATA/SAIL/JINDAL.	Shall be as per tender
45	-Specs-AC-Page-67-Duct work and outlets	Ducting with above 751 and above shall be with angle iron frames	We request you to consider following type of flanges. 1. Up to 250mm C&S cleat joint type 2. 251mm - 1500mm - TDF flange 3. 1501 and above shall be with angle iron frame Ducts shall be delivered in L Profiles.	Acceptable
46	-List of approved makes - 52 - Grilles/Diffusers/Dampers	Grilles/Diffusers/Dampers makes - Ravistar/Caryaire/Mapro	We request you to consider following additional makes also 1. Airmaster 2. Systemair.	Shall be as per tender
47	-List of approved makes - 46 - Power & Control cables	Cable makes - CCI/Universal/Finolex/Rallison	We request you to consider following additional make also 1. Polycab.	Shall be as per tender
48	-List of approved makes - 47 - Cable tray	Cable tray makes - OBO/Legrand/Cooper/BEC	We request you to consider following additional make also 1. Profab	Shall be as per tender
49	-Schematic drawings	Chilled water schematic and BOQ mismatch	As per drawings, Secondary pumps capacity for OPD block is mentioned with 1000gpm whereas in BOQ - 1200gpm is mentioned.	As per BOQ
50	-Schematic drawings	Chilled water schematic and BOQ mismatch	As per drawings, Secondary pumps capacity for Ayush block is mentioned with 400gpm whereas in BOQ - 500gpm is mentioned.	As per BOQ
51	-Drawing	Chiller Plant room	Chiller plant room drawing /Location details is required.	As per tender drawings
52	-	Chilled Water schematic drawing	Chilled water schematic drawing is required.	As per tender drawings
53	-Document VOL05BOQ-HVAC WORK-Air handling Units Item No:-4.1.1 to 4.1.44	AHUGF-LINAC1 - 4600 CFM/6RD Cooling Coil/ 75 mm static (with pre & fine filter)	1) TR capacities of AHU's is to be provided. 2) 75mm static is ESP or TSP? Please confirm.	As per Tender TSP
54	-Document VOL05BOQ-HVAC WORK-Ceiling suspended Units Item No:- 4.2	CEILING SUSPENDED UNITS AHUGF-PHARMACY - 2400 CFM /6RD Cooling Coil/ 65 mm static (with pre & fine filter)	1) TR capacities of CSU's is to be provided. 2) 65mm static is ESP or TSP? Please confirm.	As per Tender TSP
55	-Expansion Tank	Expansion Tank	Location of expansion tank, nos of floors, max header size required.	As per tender
56	-Document VOL05BOQ-HVAC WORK-Ventilation Fans Item No:- 5.1) Inline Fans 5.2),5.3)-Tube Axial Flow Fan 6.3)-Centrifugal Fans	Static pressure	Mentioned static pressure for fans is ESP or TSP? Please confirm.	TSP
57	-Document VOL05BOQ-HVAC WORK-Item No:-8.2) Indoor Units	Hi wall / Hide away Type	Please confirm IDU unit shall be Hi Wall or Hide away Type.	As per tender
58	-HVAC Specification Page No.57 Clause 3.0, Point a.	Impeller shall be of die cast aluminium alloy with integrally cast aerofoil sectioned blades and hub.	Blades shall be Cast /fabricated aluminium aerofoil shaped.	Shall be as per tender
59	-HVAC Specification Page No.57 Clause 3.0, Point e. and HVAC Specification Page No.60 Clause 6.0	Fan motor shall be selected in such a way that sound level is lowest (max. 75 db at 3 m distance) while running.	We request you to clarify whether the noise level will be measured in room condition (Hemispherical reverberant room condition) or in free field condition (Spherical).	Room Condition
60	-HVAC Specification Page No.57 Clause 3.0, Point e.	Motor shall be capable of running continuously with 5% drop in rated phase voltage at 15% increase in design power.	is it \pm 5% Voltage fluctuation?? please confirm.	Shall be as per tender
61	-HVAC Specification Page No.57 Clause 3.0, Point f. and HVAC Specification Page No.60 Clause 6.0, Point g.	The speed if the fans shall not exceed 960rpm for fans with impeller dia above 1000mm and 1440rpm for fans with impeller dia 1000mm and less.	Fan Capacity (CFM)/ Static Pressure/ noise level/Efficiency/running Kw are most important parameters for fans selection and same shall be adhered to while selecting a fan. We request you to limit the maximum RPM of fan to 2900 RPM.	Shall be as per tender

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
62	-HVAC Specification Page No.57 Clause 3.0, Point g.	Fans and accessories shall be painted with two coats of red oxide primer zinc chrome primer conforming to IS: 2074 or superior, over which two coats of synthetic enamel of approved shade shall be applied.	We request you to add that the casing can also be made from galvanized steel with a coating of Zinc with 275GSM thickness.	Shall be as per tender
63	-HVAC Specification Page No.59 Clause 6.0, Point a. and HVAC Specification Page No.60 Clause 6.0, Point f and BOQ 6.4, 6.5	The fire rated smoke exhaust fans generally shall be described above suitable for 250°C for minimum 2hrs	We request you to change the same to "all high temperature fans to be used for fire application shall bear the certification/listing of UL/CE (in addition of being AMCA certified) conforming to UL-705 "Power Ventilator for smoke exhaust" or EN12101-3-2002 smoke and heat control system specification for powered smoke and heat exhaust ventilator."	Shall be as per tender
64	-HVAC Specification Page No.60 Clause 6.0, Point d.	The collar shall be long to cover fans and motor	As per AMCA, short casing/Long casing/ Medium Casing fans are not specified. Every manufacturer has different casing lengths where some motors may fit inside the fan casing and some motors may extend outside the casing. Kindly confirm either the minimum length of casing required or modify the same as "casing length shall be as per manufacturer."	Shall be as per tender
65	-BOQ (TUBE AXIAL FAN) 7.2 AND 7.3	Total efficiency of fans not mentioned	The BOQ or the technical specifications do not mention the minimum total efficiency for axial fans. For cost saving purpose when the fans are in running condition, the minimum efficiency of axial fans shall be 70%.	Shall be as per tender
66	-BOQ (TUBE AXIAL FAN) 7.2 AND 7.3	Axial flow fans (AMCA Certified)	We request you to mention fans shall be AMCA certified for Sound and Air Performance (AMCA 210 and AMCA 300)	Shall be as per tender
67	-HVAC List of Make Sr No 29. Main AC Panel	L&T/ Siemens/ ABB/ Schneider	We request you to kindly accept Main AC electrical panel make similar to as mentioned for AHU/ventilation units.	Shall be as per tender
68	-BOQ Item no 2.2 (HVAC)	Secondary Pumps & Variable Speed Pumping System	Secondary Chilled Pumps shall be "end suction back pull out type vertical split casing" similar to Condenser pumps Item No 2.3 & Primary chilled water pumps Item No 2.1.	Yes
69	-HVAC List of Make Sr No 10. & 14 Carrier/Caryaire/ Bluestar/ZECO/Voltas/VTS Flaktwood/Waves/Edgtech	AIR HANDLING UNIT /FAN COIL UNIT	We request you to please add "Unique" make AHU and FCU in your approved list of make. However They are already supplying our AHU's and FCU's in (PMSSY) Medical College Hospital SSB Block (HSCC) projects.	Shall be as per tender
70	-BOQ Item no 8.1 (HVAC)	Expansion Tank (Closed Type)	Kindly provide us the Location of the Plant Room along with the height of the Building. Also provide us the Technical Specification of the Closed Expansion Tank and also PN rating.	Shall be as per tender
71	PHE & FIRE FIGHTING WORKS-BOQ item no 3.39	Storage type geysers	Approved makes for storage type geysers are not mentioned in make list. Kindly provide us the same.	As per PHE list of makes
72	-BOQ item no 4.04	RCC Hume pipes -NP2 class	Request you to approve good quality locally available RCC hume pipes .	As per tender
73	-BOQ item no 5.01	Solar water heating system	Please confirm class of GI pipes B class or C class.	As per tender
74	-BOQ item no 7.01	External water supply	Please confirm class of GI pipes .	Class B
75	-BOQ item no 12	WTP and STP(Approved makes -Geo miler & co , Ion exchange ,Thermax , pollucon technologies)	Please consider additional makes for STP and WTP .Eurakafores /Revolve engineers / Ryli technologies .	As per tender
76	-BOQ Sno 13	Effluent treatment plant	Please provide the makes for ETP.	As per tender
77	-Boq item no 3.12	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI:12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	Kindly provide us the approved make for this item.	As per tender
78	-BOQ item no 3.18	Providing and fixing enclosed type water meter (bulk type) conforming to IS : 2373 and tested by municipal board complete with bolts,nuts rubber, insersions etc. (the tail plases if required will be paid separately)	Kindly provide us the approved make for this item.	As per tender
79	-BOQ item no 3.19	Providing and fixing PTMT ball cock of approved quality, colour and make complete with Epoxy coated aluminium rod with L.P./H.P.H.D. plastic ball.	Kindly provide us the approved make for this item.	As per tender

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/as per Tender	Bidders Queries	Reply
80	-BOQ item no 3.22 to 3.28	Providing and fixing Stainless Steel pipe and fitting of grade AISI 304 as per JIS standard 3448 complete with press type fitting (fitting shall be paid for separately) i/c fixing of the pipe with clamps at 1.00 m spacing including cutting and making good the walls including testing of joints complete as per direction of Engineer-in-charge. (The pipe length inserted in the fitting shall not be measured for payment)	Please confirm if the SS pipe is Seamless or welded.	Seamless
81	-BOQ item no 3.29	Providing and fixing pressure reducing valve with strainer delivering desired rate of flow with flanged connection. The complete system is tested to a pressure not less than 15 Kg / Sq.cm and suitable to reduce the pressure up to 1 Kg/Sq.cm) including flanges / unions, nuts, bolts, 2# Pressure gauge, 1# bye pass valve and washers complete as required.	Kindly provide us the approved make for this item.	As per tender
82	-BOQ item no 5.01; 7.01	Providing and fixing G.I.fittings and clamps,i/c cutting and making good the walls etc.	Please confirm the class of G.I pipe.	Class B
83	-Boq item no 7.21	Supply, installation, testing and commissioning of heavy duty Pop-up type irrigation sprinkler with working pressure range of 2-6 Bar	Kindly provide us the approved make for this item.	As per tender
84	-BOQ item no 7.24	Providing fixing and testing water flow meters in CI/brass body flanged at both ends with companion flanges, gaskets, bolts nuts and washers, with electronic digital type display for real time & totalized flow rate of water with panel and cabinet ,memory facility, flow switches and sensors and required accessories complete including cutting and making good the pipeline, and making all electrical connections, water meters should be BMS compatible testing to be carried out at 200 lbs/psi with cold water for consistent quality.(with bypass arrangements with 3 valves)	Kindly provide us the approved make for this item.	As per tender
85	-PHE - 7.28	Providing and fixing motorized butterfly valve/rotary actuator (CI body, SS316 disc, EPDM boot seat, SS416 shaft, RPTEF bushing @PN16 rating) for filling of water tank complete with electrical water level control panel, including by-pass connection for the same dia with manually operated butterfly valve and all piping and accessories complete in all respects - For Cluster Level UG Domestic and Flushing Tanks Clusterwise	Kindly provide us the approved make for this item.	As per tender
86	-Fire Fighting BOQ item no 1.43; 1.44	Providing and fixing complete CO2 flooding system of approved make and model for main LT panel including two nos. 22 kg seamless cylinder required quantity of MS seamless pipe, manifold, NRV, high pressure flexible hose, weighing arrangement, pneumatic valve, CO2 nozzles including painting and MS support. The size of main LT panel will be as per Electrical scope of work. The shop drawing/datasheet of CO2 flooding system shall be provided by Agency for approval of HSCC before start of the work. The CO2 flooding panel shall also meet out the local Fire Officers latest requirement and anything extra or any modification required by Fire Officer shall be carried out by Agency without any extra cost.	Please confirm the room size.	As per shop drawing
87	-Fire Fighting BOQ item 1.45	Suppression System	Please confirm the room size.	As per shop drawing
88	-Fire Fighting BOQ item no 1.48	Providing and Fixing 15 mm dia gunmetal / brass quartzoid type Sprinkler Head with quartz bulb and set to operate at specified temperature.	Please confirm K factor.	As per tender
	Bidder No.3			

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
1.	Vol. 01 _ Pg No.1, Revised NI e-T & Corrigendum No. 1 dtd. 16.06.2017 & Volume I NIB & ITB, Cl. 1.9, Page 12	Bid Security: Rs.3.24 Cr. Bid shall be accompanied with Earnest money of Rs. 3.09	Two different values of Bid Security/Earnest Money have been given at two different pages of the document. We request you to confirm the value of Bid Security/Earnest Money.	The value of EMD in Clause 1.9 may be read as "Rs.3.24 crore" . Please refer to Amendment No.1
2.	Vol. I NIB & ITB, Cl. 2.3.6 (B) a) Page 22	2.3.6 Contents of Technical Package: (B). Technical Package Part –II shall ----- a) Blank.....	Kindly refer to said clause. Nothing has been mentioned against this clause.	Confirmed
3.	Vol. 01_ NIB & ITB – Cl. 2.3.7, Pg-22	Contents of Financial Package: These percentage rate/prices should include all costs associated with the Project including any out of pocket / mobilization expenses, taxes, charges, levies, cess, VAT, GST, Service Tax excluding PF & ESI etc. as per GCC applicable till the date of NIT.	We understand that ESI and EPF contributions on the part of employer in respect of this contract shall be paid by the HSCC (Executing Agency). Your confirmation is solicited.	As per tender conditions
4.	Vol. II, GCC, Cl. 31 A ,Page 61	Departmental Water Supply if available: Water if available may be supplied to the contractor by the department subject to the following conditions:- (i) The water charges @ 1 % shall be recovered on gross amount of the work done	Kindly confirm whether contractor has liberty to dig borewell inside the premises and make his own arrangement for water since water charges recovered by department @ 1% of gross amount of the work done is very high.	The contractor has to make their own arrangements of water supply at their own cost.
5.	Volume-III, SCC, Cl- 10 (i) Page No-27	All concrete work shall be strictly done by weigh batcher/RMC. However, no extra payment shall be made for use of Ready Mix Concrete (RMC) for the works. Modern concrete pump and vibration machines, constructions lift, tower crane, etc, as required are also required to be provided at site as and when required-----	As per CPWD Specification/DSR, major items of concrete given in the BOQ are machine batched & machine mixed but not produced from Automatic Batching Plant. As per new circular of Ministry of Finance -Government of India, Excise Duty will be levied on RMC produced from Automatic Batching Plant even produced at construction site also. Kindly verify whether all concrete will be produced from BP or only items with RMC description.	As per tender conditions.
6.	Volume-III, SCC, Cl- 10 (ii) Page No-27	All shuttering material to be used at site will be new/just like new and only ply & steel plate will be allowed to be used as directed by Engineer-in-charge/Consultant.	Your good self will appreciate that Steel shuttering and scaffolding are the assets of the companies and are not purchased for individual projects. These assets are used in many projects keeping them in good condition to achieve permissible numbers of repetitions. We understand that New Ply wood with Steel Shuttering and scaffolding in good conditions shall be permitted.	As per tender conditions.
7.	Vol. III, SCC, Cl. 32.3,Page 30	Contractor's Temporary Structures : The Contractor may, at his own expense and subject to the approval of the Engineer and statutory authorities, construct offices, stores, Workshop in the area allocated to him and remove the same as per the orders of the Engineer on completion of Works-----	We understand that space for Contractor's temporary Structures shall be provided within site premises without any additional cost to the contractor.	As per tender conditions.
8.	Vol. III, SCC, Cl. 32.5,Page 31	Water Supply & Power Supply: The Contractor shall make his own arrangement for water supply at Site for drinking as well as construction purposes at his own cost. The Contractor shall also make his own arrangements for power supply at Site for ----	Kindly clarify whether contractor can dig bore well at site to meet the requirement of Construction Water.	As per tender conditions.

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
9.	Vol. III, SCC, Cl. 32.6, Page 31	Site office and Infrastructure: A reasonably furnished site office and transit accommodation having a sample room, A.C. staff rooms with file storage facility along with computers & printers and its consumables, a telephone with STD facility, Fax Machine, internet and toilets & pantry and-----	Kindly provide us the Drawings and Area for Employer site office along with facilities required to work out the cost.	As per tender conditions.
10.	Vol. III, SCC, Cl-32.7, Pg.32	Temporary Fencing: The Contractor shall at his own expense, erect and maintain in good Condition temporary fences all around the working premises as per approved specifications by Engineer. ---- shall be the property of the contractor.	During our site visit, we found that site is surrounded by compound wall. Kindly confirm if any fencing is required at site. If required, kindly provide the drawing/detail of the fencing.	As per tender conditions.
11.	VOLUME – V BOQ, Item No 1.03	Filling available excavated earth (excluding rock) in trenches - 59212 Cum	Total quantity of excavation is around 97000 Cum and backfilling is 59212 cum. Therefore nearly 37788 Cum excavated earth remain unused at site. There is no item of disposal of soil. Kindly verify.	Shall be dealt as per tender conditions
12.	VOLUME – V BOQ, Item No 3.11	Providing, cutting, fixing grouting high tensile steel reinforcement strands including all accessories complete in all...bursting reinforcement, pressure plates, any additional bars around anchorages-----	Kindly provide detail drawing of PT. Also clarify whether bursting reinforcement and additional bars around anchorages shall be payable separately.	Tendons and reinforcement are payable separately under respective BOQ items as per CPWD specifications and tender conditions.
13.	VOLUME – V BOQ, Item No 3.15	Boring, providing and installation bored cast-in-situ reinforced cement concrete piles of grade M-25 of specified diameter and length below pile cap, to carry a safe working load -----	We request you to kindly provide pile drawings showing cut off level, Tip level & Shaft length of the pile. Also provide the bore log data of the soil.	Work shall be carried out as per tender drawings
14.	VOLUME – V BOQ, Item No 5.55	Providing and fixing automatic sliding door operator(Cost of door/ glass to be paid separately)	Kindly let us know the Item No. of BOQ under which glass of the door shall be paid.	Shall be dealt as per tender conditions
15.	VOLUME – VI DRAWINGS Part 3 & 4	Problem in opening of Drawing File---	We have downloaded all the documents including tender drawings but drawings file marked as Part 3 & 4 are not opening. Kindly verify.	All the uploaded files are opening .
16.	Vol. 01_ NIB & ITB – Cl. 2.3.7, Pg-22	Contents of Financial Package: These percentage rate/prices should include all costs associated with the Project including any out of pocket / mobilization expenses, taxes, charges, levies, cess, VAT, GST, Service Tax excluding PF & ESI etc. as per GCC applicable till the date of NIT.	As per the Date of NIT 16.06.2017, The GST is not applicable but however you have included GST also Under this Clause, Please Clarify the Same.	No change. Shall be as per tender conditions
17.	General	Extension	Since the GST will be effective from 1st July-17, most of the vendors are not giving quote due to the lack of clarity in the proposed GST. Hence we may request you to postpone the tender 2 to 3 weeks so that the vendors can give quote after getting clarity, there by all the bidders can quote as per new tax structure (GST) rather than Submitting tender with old tax structure and getting drift with new tax structure.	No change. Shall be as per tender conditions
Bidder No.4				
Commercial (Kalyani)				
1	Vol-I, Page 12-Vol - I, NIT Cl 1.9-Earnest Money	KALYANI 1) EMD value is given as Rs.3.09 Cr in Clause 1.9 of NIT. 2) EMD value is given as Rs. 3.24 Cr in Table I of NIT.	Please confirm the Value of EMD.	The value of EMD in Clause 1.9 may be read as "Rs.3.24 crore" . Please refer to Amendment No.1

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
2	5-Vol III, SCC, Cl 4.1.1-Approval required	The Contractor shall obtain all pre & post construction clearances/approvals from Municipal and other relevant statutory authorities/local bodies including Water supply agencies concerned, Electric Supply and Inspectorate. Agencies concerned, such as, but not limited to, Police and Security Agencies, Chief Controller of Explosives, Fire Department, Civil Aviation Department, concerned in accordance to prevailing rules, Building Bye-Laws, tree cutting etc., as the case may be with related to/ required for Construction/Completion.	Since, this being the item rate contract all the approvals / clearance like Construction permit, MOEF, Civil Aviation and Occupancy certificate are part of Client scope. The contractor shall responsible only for construction related approvals.	No change. Shall be as per tender conditions
3	SCC-Page 22-Rate / Prices	The quoted rates/prices for the items shall be complete in all respect including all labour, material, plant and machinery, tools and tackles, batching plant for RCC work including water & electricity, all taxes including GST/Service Tax duties ...	Since this is health project we presume Service tax shall be Reimbursed at actuals to the contractor. Please confirm.	No change. Shall be as per tender conditions
4	Vol III SCC, CL 20-Page 17-Variation	The Executing Agency shall omit any component from scope of works that may be necessary and for that purpose or if for any other reason it shall, in his opinion be desirable and shall issue such instructions to the contractor. The contractor shall do the same without in any way vitiate or invalidate the contract. Any cost attributable to above shall be borne by the contractor	Our quoted price is based on consideration of complete scope of work. In the event of omission of any component from scope, we shall be allowed to revise our quoted rates on mutual discussion basis.	No change. Shall be as per tender conditions
5	Vol III, SCC, Cl 6 (b)-8-Disruption of Progress	If by reason of any failure or inability of the Executing Agency to issue within 4 weeks any drawing or instruction for which notice has been given by the Contractor in accordance with Sub-clause 1) and the contractor suffers delay, then the Engineer-in-charge, shall on the request of the Contractor recommend to the Client any extension of time under respective clause. Notwithstanding anything stated above, the Contractor shall not be eligible for any financial compensation arising out of the above	Contractor shall be eligible for financial compensation for delays arising out of reasons not attributed to Contractor.	No change. Shall be as per tender conditions
6	Vol III SCC, CL 4-Page 26-Delay in starting of work	No compensation shall be allowed for any delay caused in the starting of the work on account of acquisition of land, encroachment or in the case of clearance of works, on account of any delay in according sanction to estimates in issue of drawings, decisions etc. However, the extension of time shall be granted as per relevant conditions of Contract	We request to provide cost compensation as per actual along with suitable extension of time. Please confirm.	No change. Shall be as per tender conditions
7	Vol III SCC, CL 32.3-Page 31-Contractors Temporary Structures	The Contractor may, at his own expense and subject to the approval of the Engineer and statutory authorities, construct offices, stores, Workshop in the area allocated to him and remove the same as per the orders of the Engineer on completion of Works	As per the clause we understand that the land required for all temporary Structures will be provided within the site at free of cost to the Contractor. Also we presume that the land for installing Batching plant also will be provided at free of cost.	No change. Shall be as per tender conditions
8	Vol III SCC, CL 32.3-Page 31-Labour Camp	The Contractor shall make his own arrangement at his own expense for labour camp / accommodation of his labour and staff and their conveyance to Site as no workers/ staff shall unless with the specific approval of the Engineer be allowed to stay within the Site. Gate passes shall be issued by the Engineer to authorise the Contractor's staff and workers to enter the Site	We request you to provide the land for labour camp near the site or within the site at free of cost to the Contractor.	The contractor has to make own arrangement for labour stay. Space for other construction activity/infrastructure may be provided at site depending upon the availability of space. However, the Contractor will have no claim in case of non-availability of space.

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
9	Vol III SCC, CL 32.3-Page 31-Water & Power	The Contractor shall make his own arrangement for water supply at Site for drinking as well as construction purposes at his own cost. The Contractor shall also make his own arrangements for power supply at Site for construction, testing & commissioning of all services and general use at his own cost	We request to provide the power at the single tapping point in site on chargeable basis. Kindly allow us to dug bore well at site for the construction purpose.	No change. Shall be as per tender conditions
10	Vol II GCC, Schedule F-Page 110-Base Price	*Cement- OPC Rs. 5300/- Tonne Reinforcement Steel- Primary Manufacturer Rs.42525/- Tonne Structural Steel : Rs. 44940/-Tonne	We presume that the base prices provided are FOR Site (Inclusive of all taxes & transportation)	Base rates provided in Schedule F are for implementation of Clause 10CA as per the CPWD Guideline.
11	Vol II GCC, Schedule F-Page 109-Intermediate Milestone	Milestone Penalty..... Completion of Foundation: 0.25% of CV Completion of RCC works upto Plinth: 0.5% if CV	We request to amend the clause such as contractor shall complete the project in 18months and there shall not be any withheld amount inbetween the contract duration.	No change. Shall be as per tender conditions
12	Vol II GCC, Schedule F, CI 10CC-Page 111-Escalation	POL - 0%	We request to provide 5% for POL	No change. Shall be as per tender conditions
13	Vol II GCC, Schedule F, CL 42-Page 113-Variation Permissible on theoretical quantities	a) Cement for works with estimate cost more than Rs 5 Lac : 3% plus / minus Cement for works with estimate cost more than Rs 5 Lac : 2 % plus / minus	Request to amend the clause such as Cemnet for works with estimate cost more than Rs 5 Lac as 3% plus/minus.	No change. Shall be as per tender conditions
14	Vol II GCC, Schedule F, CL 12.2, 12.3 & 12.5-Page 111-Deviation Imit	Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for building work.-30% (i) Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for foundation work (Except earth work)-30% Deviation Limit for items in earth work subhead of DSR or related items-100%	We request you to consider Deviatii limit as mentioned below. Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for building work.-15% (i) Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for foundation work (Except earth work)-15% Deviation Limit for items in earth work subhead of DSR or related items-30% Please consider	No change. Shall be as per tender conditions
15	Vol II GCC, CL 2-Page 15-Compensation for delay of work	@ 1.5 % of tendered value per month of delay to be computed on per day basis and shall not exceed 10% of the Tendered Value.	We request to amend the clause 0.25% of contract value for unfinished works per week of delay and maximum limit of 5% of the Contract value	No change. Shall be as per tender conditions
16	Vol II GCC, CL 3-Page 30-Mobilization Advance	Mobilization advance not exceeding 10% of the tendered value may be given...Such advance shall be in two or more installments to be determined by the Engineer-in-Charge at his sole discretino...	We request to provide interest free mobilization advance of 15% as single installment.	No change. Shall be as per tender conditions
17	Vol II GCC, CL10B-Page 32-Interest & Recovery	The mobilization advance and plant and machinery advance in (ii) & (iii) above bear simple interest at the rate of 10 per cent per annum		
18	Vol II GCC, Schedule F, CL 7-Page 110-Interim Payment	Gross work to be done together with net payment /adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment - 10 Crores	No minimum amount of interim payment certificate for first 3 Bills . However for remaining certificates, the condition will be enforced.Please confirm	No change. Shall be as per tender conditions
General				
19	--BOQ	Excel copy Not Provided	Request to provide the Excel Copy BOQ for all the three locations in order to proceed further in our pricing.	BOQ already provided as pdf file
20	-General-Site Survey Plan and Master Plan		Request you to provide the Site Survey Plan and Master Plan, so that we can plan site logistic and Site Layout.	Tender drawings have already been provided.
21	Vol 1 NIB & ITB, Cl. 3-Page 30-Site plan and Master plan along with the report of geotechnical investigation	The surveyed site plan and Master plan along with the report of geotechnical investigation are available and will be made available to finally selected Contractor	Since the Project involves Piling works we request you to provide the Geo technical Investigation report with Borelog details, since the piling subcontractor are unable to quote for the job without Soil Investigation Report.	Bidder is advised to visit site to acquaint himself with the site condition, water supply and surroundings and collect all information that will be necessary for preparing the bid.
22	Vol 1 NIB & ITB, Form H-Page 46-Undertaking for engaging Specialised agencies	Form H	Since the L&T is having Inhouse Design & Execution experience in executing specialised works, HVAC, DG Lifts etc request to waive off the undertaking given in Form H	No change. Shall be as per tender conditions

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
23	Vol 1 NIB & ITB, -Page 1-Project Duration	15 Calendar Months for all buildings upto G+5 Storeys high 18 Calendar Months for all other buildings and works	We request you to amend the clause such that the contractor shall complete the job on overall project duration in 18 months .	No change. Shall be as per tender conditions
24	Vol 1 NIB & ITB, Cl 1 a --Eligibility Criteria	Similar Work shall mean works of "Construction of any multistoried RCC framed structure minimum five storey above ground level (basement, machine room and mummy shall not be counted as a storey) including finishing works, internal water supply, sanitary installations and internal electrical installation" all executed under one composite agreement.	We request to amend the such as "Silimar work shall mean works of Construction of Hospital building with RCC framed struture minimum five storey above level including finishing works, PHE works, Electrical works, HVAC works, Fire Fighting & ELV system works executed undre one composite agreemnet with the span of 7 years.	No change. Shall be as per tender conditions
25	NIT--Submission online	AIIMS at Mangalagiri Guntur -Online on 06/07/2017 upto 15hrs	We are working extensively on this prestigious project. However, since the project involves lot of specialized and MEP items, for which we need to get competitive quotations from specialized agencies. We required an additional time of one weeks, i.e., till 13/07/2017	No change. Shall be as per tender conditions
26	NIT--	AIIMS at Nagpur - Online on 07/07/2017 upto 15hrs	We are working extensively on this prestigious project. However, since the project involves lot of specialized and MEP items, for which we need to get competitive quotations from specialized agencies. We required an additional time of one weeks, i.e., till 14/07/2017	No change. Shall be as per tender conditions
27	NIT--	AIIMS at Kalyani - Online on 10/07/2017 upto 15hrs	We are working extensively on this prestigious project. However, since the project involves lot of specialized and MEP items, for which we need to get competitive quotations from specialized agencies. We required an additional time of one weeks, i.e., till 17/07/2017	No change. Shall be as per tender conditions
PHE (Ka--				
28	PHE BOQ-3.33-Water supply	Providing and fixing concealed bath shower & mixer	Kindly provide us the model number. Also we understand that either mixer or divertor only can be fixed. Kindly confirm.	As per tender
29	PHE BOQ-14.01-STP	Planning,Designing,Detailing,Supplying, Erection,Testing and Commissioning of Sewage treatment plant based on MBBR (Moving bed Bio Reactor)/FAB technology of average flow rate of 500 cu.m/day (2 streams) for sewer including provision of recirculation of treated sewage/effluent for the use of horticulture/flushing/A/c purposes including design and execution of all civil,structural,electrical,mechanical, plumbing and processing, ancillary equipments and works etc required to complete the package, getting approval from state pollution control board and other statutory bodies as well as from consultant (consultant) /Client including the cost of STP building for electrical room, treated sewage under ground storage tank etc. STP shall be design in such a way that it has a provision to easy extension for phase-II load (appr. 500 KLD).The planning & designinghas to carried out for phase-I & II, HOWEVER THE EXECUTION WILL BE CARRIED OUT ON LY FOR	We understand that each stream will have 250 cum/day. Also, we request you to clarify that STP is including civil works or excluding civil works.	As per BOQ. The civil works will be paid separately under Civil Items

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
30	PHE BOQ-14.01-STP	Complete mechanical Bar Screen and SS slotted fine screen Electrical & mechanical Works , screening material collection and lifting system upto Ground formation level (excluding civil works) (Set-1)		
	--	Equalisation tank Electrical & mechanical Works , excluding civil works (Set-1)		
31	--STP		Kindly provide us the technical specification for STP.	As per tender
32	--BOQ		Please provide us the Excel BOQ.	Soft copy of BOQ in pdf file is already available
HVAC (KALYANI)				
33	-General-		Please provide the drawings in AUTOCAD Form.	Tender drawings have already been provided.
34	SCC - P-47-Clause No. 4.0 VOL03SCC (C) SPECIFIC CONDITIONS OF CONTRACT RELATING TO HVAC SYSTEM-Supply of Equipment	Equipment shall be strictly as per the list of approved makes/ manufacturers given in the Bid documents. However, final choice of make shall lie with the Engineer.	Since this is a competitive bid and List of approved makes has been provided as part of NIT documents, to ensure fair bidding the contractor shall have the liberty to choose from any of the approved makes listed subject to compliance to specifications . Please confirm. And thereby request you to delete the clause "However, final choice of make shall lie with the Engineer."	Shall be as per tender
35	SCC - P-50-Clause No. 11.0 VOL03SCC (C) SPECIFIC CONDITIONS OF CONTRACT RELATING TO HVAC SYSTEM-Samples and Prototypes	The Contractor shall submit samples of items such as grilles/ diffusers, valves, controls and/ or any other parts or equipment as required by the Engineer for prior approval in writing before placing the order. The Contractor shall also construct prototype or samples of work as laid down in the Contract or as instructed by the Engineer. Such samples and prototypes after approval shall be retained by the Engineer and shall serve as the standards to be achieved in final construction.	Samples shall be submitted for the HVAC visible items inside the Conditioned Space like Grilles & Diffusers & Valves only. Please Confirm.	Shall be as per tender
36	SCC - P-51-Clause No. 13.2 VOL03SCC (C) SPECIFIC CONDITIONS OF CONTRACT RELATING TO HVAC SYSTEM-Final Performance and Capacity Test	In addition to the above testing, final performance and capacity tests shall be carried out on the equipment as per the "Testing Schedules" during the defects liability period as follows: a. Peak summer/ monsoon test during the period from 15th may to 31st July. The installations should be able to maintain the specified cost of electricity, manpower, and fuel etc will have to be arranged & paid by the contractor.	Testing shall be done once prior to Commissioning. Please Confirm.	Shall be as per tender
37	B.O.Q. - AC-1-Item No.1.0 VOL05BOQ-WATER CHILLING UNITS.	c. 1 No. factory fitted (unit mounted or separate as per std design of Chiller manufacturer) variable frequency drive with active harmonic filters to limit THDI to 5% at equipment level and suitable for compressor motor complete with ammeter with CTs, overload protection ,under voltage protection, protection against phase reversal & independent single phase preventers etc complete as required.	VFD along with factory fit, active Harmonic filter shall be provided. AHRI Certified sheet shall include active harmonic filter losses.	Yes. Acceptable
38	B.O.Q. - AC-1-Item No.1.0 VOL05BOQ-WATER CHILLING UNITS.	VFD shall be the same make and model which will be used for the testing at manufacturer's works for the AHRI certification. The power and control wiring of the VFD starter to chiller shall be done by the manufacturer.	Identical VFD on which testing carried out at factory will be supplied along with the chiller. VFD will be factory fit, factory integrated along with power and control wiring.	Shall be as per tender

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
39	B.O.Q. - AC-2-Item No.1.0 VOL05BOQ-WATER CHILLING UNITS.	e. 1 No.- ASME stamped matching shell and tube water cooled condenser of M.S. shell and integrally finned copper tubes with marine boxes. Maximum head loss 8 m water head.	Being close loop system, evaporator rarely needs to be descaled, hence providing marine water box on evaporator doesn't justify. Also Specification document doesn't ask for Marine water boxes on evaporator. Please confirm if it is needed.	Shall be as per tender
40	--	f. 1 No.- ASME stamped matching shell and tube flooded type chiller of M.S. shell and integrally finned copper tubes with marine boxes. Maximum head loss 5 m water head.		Shall be as per tender
41	B.O.Q. - AC-6 to 9-Item No.5.0 VOL05BOQ-AIR HANDLING UNITS	> Floor Mounted Air Handling Units > Ceiling Suspended Units	Please provide the Tonnage of all the air handling Units.	Shall be as per tender
42	B.O.Q. - AC-23-Item No.14.0 VOL05BOQ-Drain Piping	Supply, laying/fixing, testing and commissioning of G.I. medium class ERW piping conforming to IS:1239 with necessary clamps, supports, anti vibration mountings, hangers and fittings such as bends, tees, reducers etc. duly insulated and painted as per specifications for condensate drain from air handling units and chillers etc.	Please confirm the thickness of drain piping insulation.	Shall be as per tender
43	B.O.Q. - AC-25-Item No.16.1.2 VOL05BOQ-Fire Dampers Actuator		Please confirm the Torque of actuators of Fire damper.	To suit duty as per tender
44	--BOQ	The kw/TR should not be less than 0.65 at duty conditions.	Kindly note that chiller with 6.3 COP @ AHRI Condition shall delivery < 0.69 kw/TR @ tender condition. Since Tender falls under very high Condenser Water Entering temp of 93 F / 33.9 C, highest efficiency chiller shall deliver close to 0.69 KW/TR. Hence request you to please amend this clause as, "The kw/TR should not exceed 0.69 at duty conditions".	COP 6.3 IKV/TR should be less than 0.68
ELECTRICAL (Kalyani)				
1	-Tender Docs-Order of priority		Request you to kindly share the order of priority in the tender document in case of any discrepancy in the tender documents.	As per tender
2	-Tender Docs-Scope of work		We presume that Solar PV System works are not part of contractor scope of work. Please confirm.	As per BOQ
3	-Tender Docs-Tax structure		No details about the tax structure for this project are available in the tender document. We presume that rates considered and in this tender are as per present tax structure (non GST) era and costing to be done based on this tax structure (non GST) only. Please confirm.	As per tender conditions
4	-Tender Drawings-Electrical Master SLD		Only floor layouts with lighting & power distribution drawings are available as part of tender document. Request you to kindly share the master SLD with HT power distribution, Main LT Panels etc for our reference.	shall be provided to the successful bidder for execution
5	-Tender Drawings-Electrical substation layout		Only floor layouts with lighting & power distribution drawings are available as part of tender document. Request you to kindly share the substation layout for our reference.	Sub-station layout shall be prepared by the Contractor

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
6	-Tender BOQ-		Tender BOQ is available in pdf format only. Request you to kindly share the BOQ in excel format for our working purpose.	BOQ in pdf format is available online
7	-Tender BOQ-SUBSTATION (PSS, TRANSFORMERS) 1.3.1 Battery Charger	Supply, Installation, Testing & commissioning of Constant Voltage Constant Current Battery Charger with float & boost charging, 100AH, 24V DC output, with potential free contact with maintainance free batteries (30 min backup in fully charger condition) complete with all Accessories like insulators, clamps, bimetal connectors, M.S.support rack etc as per specifications & with DC DB having 6nos 10Amps MCB's.	There are 4 Nos battery charges specified in the BOQ for which rates are not provided. Request you to kindly furnish the same.	Prices are inclusive in PSS
8	-Tender BOQ-SUBHEAD 2 - D.G. SETS	There are 1 Nos 11KV 2250 KVA and 1 Nos 11KV 1000 KVA DG Sets mentioned in the tender document	Drawings related to DG Set and associated works are not available in the tender document. Request you to kindly share the following quantities for our costing purpose. 1. Exhaust piping details 2. Fuel piping details	DG Sets will be installed outside the ESS
9	-VOL05BOQ-SUBHEAD 2 - D.G. SETS	There are 1 Nos 11KV 2250 KVA and 1 Nos 11KV 1000 KVA DG Sets mentioned in the tender document	There are only 2 Nos HT DG Sets are specified in the BOQ But 3 Nos NIC / NGR Panel and 3 Nos Control and relay panels (for 2.25MVA) are also specified. Kindly confirm the quantities of NGR & C/R Panel to be considered / required for the project.	As per BOQ
10	-VOL05BOQ-SUBHEAD 2 - D.G. SETS	There are 1 Nos 11KV 2250 KVA and 1 Nos 11KV 1000 KVA DG Sets mentioned in the tender document	There are only 2 Nos HT DG Sets are specified in the BOQ But 3 Nos NIC / NGR Panel and 3 Nos Control and relay panels (for 2.25MVA) are also specified. Please confirm whether NIC / NGR panel and C&R panel to be considered for 1000KVA DG Set.	As per BOQ
11	-VOL05BOQ-SUBHEAD 2 - D.G. SETS SI No 2.1	Design, Manufacture, Supply, Unloading & shifting, Installation, testing, commissioning and alignment at site of Prime Duty continuous rated 4 stroke, Silent type , 2250 kVA DG Set with an alternator of 2500 KVA comprising of Engine of 1500 rpm, remote Radiator Cooled (to be mounted on top of DG set) , 11 KV 50 Hz- 3 phase prime (actual) rating diesel generating set (11000 Volts Alternator with PCCM or equivalent), With electronic AVR mounted on a common base frame. Alternator 2500 KVA F to B derated to 2250 KVA for F to B & 50 deg.C Alternator shall be complete with suitable terminal box with Aluminium link work to accommodate the Aluminium Armoured cables as may be required. Along with its Exhaust pipe & its insulation with all supporting structure & as per CPCB norms complete as required. Engine shall not be derated upto 50 deg.C ambient and suitable for bearing the starting current after changeover	BOQ calls for Prime duty continuous rated DG Sets. Please confirm whether we can consider Prime rated continuous duty DG Sets.	As per BOQ

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
12	-VOL05BOQ-SUBHEAD 2 - D.G. SETS SI No 2.1	Design, Manufacture, Supply, Unloading & shifting, Installation, testing, commissioning and alignment at site of Prime Duty continuous rated 4 stroke, Silent type , 2250 KVA DG Set with an alternator of 2500 KVA comprising of Engine of 1500 rpm, remote Radiator Cooled (to be mounted on top of DG set) , 11 KV 50 Hz- 3 phase prime (actual) rating diesel generating set (11000 Volts Alternator with PCCM or equivalent), With electronic AVR mounted on a common base frame. Alternator 2500 KVA F to B derated to 2250 KVA for F to B & 50 deg.C Alternator shall be complete with suitable terminal box with Aluminium link work to accomodate the Aluminium Armoured cables as may be required. Along with its Exhaust pipe & its insulation with all supporting structure & as per CPCB norms complete as required. Engine shall not be derated upto 50 deg.C ambient and suitable for bearing the starting current after changeover	The item rate specified for 2.25MVA prime duty cotineous rated HT DG set with higher sized alternator (2.5MVA) with all accessories like exhaust piping, stack, catalytic converter, fuel system, acoustic enclosure etc. is only Rs. 1,91,25,000/- which is very less compared to the market rate. Request you to kindly amend the rates.	As per BOQ
13	-VOL05BOQ-SUBHEAD 2 - D.G. SETS SI No 2.2	Design, Manufacture, Supply, Unloading & shifting, Installation, testing, commissioning and alignment at site of Prime Duty continuous rated 4 stroke, Silent type , 1000 KVA DG Set with an alternator of 1250 KVA comprising of Engine of 1500 rpm, remote Radiator Cooled (to be mounted on top of DG set) , 11 KV 50 Hz- 3 phase prime (actual) rating diesel generating set (11000 Volts Alternator with PCCM or equivalent), With electronic AVR mounted on a common base frame. Alternator 1250KVA F to B derated to 1000 KVA for F to B & 50 deg.C Alternator shall be complete with suitable terminal box with Aluminium link work to accomodate the Aluminium Armoured cables as may be required. Along with its Exhaust pipe & its insulation with all supporting structure & as per CPCB norms complete as required. Engine shall not be derated upto 50 deg.C ambient and suitable for bearing the starting current after changeover. Note- DG set shall be auto start within 3 seconds	BOQ calls for Prime duty continuous rated DG Sets. Please confirm whether we can consider Prime rated continuous duty DG Sets.	As per BOQ

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
14	-VOL05BOQ-SUBHEAD 2 - D.G. SETS SI No 2.2	Design, Manufacture, Supply, Unloading & shifting, Installation, testing, commissioning and alignment at site of Prime Duty continuous rated 4 stroke, Silent type , 1000 KVA DG Set with an alternator of 1250 KVA comprising of Engine of 1500 rpm, remote Radiator Cooled (to be mounted on top of DG set) , 11 KV 50 Hz- 3 phase prime (actual) rating diesel generating set (11000 Volts Alternator with PCCM or equivalent), With electronic AVR mounted on a common base frame. Alternator 1250KVA F to B derated to 1000 KVA for F to B & 50 deg.C Alternator shall be complete with suitable terminal box with Aluminium link work to accomodate the Aluminium Armoured cables as may be required. Along with its Exhaust pipe & its insulation with all supporting structure & as per CPCB norms complete as required. Engine shall not be derated upto 50 deg.C ambient and suitable for bearing the starting current after changeover. Note- DG set shall be auto start within 3 seconds	The item rate specified for 1000KVA prime duty cotineous rated HT DG set with higher sized alternator (1250MVA) with all accessories like exhaust piping, stack, catalytic converter, fuel system, acoustic enclosure etc. is only Rs. 85,00,000/- which is very less compared to the market rate. Request you to kindly amend the rates.	As per BOQ
15	-VOL05BOQ-SUBHEAD 2 - D.G. SETS SI No 2.1 & 2.2	Supplying and fixing of suitable sizes Heavy class MS pipe for DG exhaust complete with bends, elbow, flanges etc including silencer and catalytic convertor exhaust pipe chimney 30 meter high or as per CPCB norms for exhaust of DG sets including foundation of chimney , fixing of LED Aviation light including its wiring , lighting arrestor including copper strips and earthing (2 strip per light aresstor and two earth pits with cooper plate earthing) etc. & supporting structure for each DG sestsas per pollution control board norms and as required.	Engines offered by the Approved Makes comply to latest CPCB Emission Norms and hence Catalytic Convertors are not being offered by the approved Engine OEA's. Hence Offered DG Sets shall be provided without catalytic Converter. Please confirm	As per latest CPCB Norms/Manufacturers standard practice
16	-VOL05BOQ-SUBHEAD 2 - D.G. SETS Under Ground Diesel Tank:	Design, supply, installation, testing & commisioning of 20 KL underground MS diesel tank including all realted civil works foundation, fencing, platform, for unloading of diesel . Flame proof push buttons, pumps (one working & one standby) for supplying of diesel from this UG tank to day tanks of all the DG sets complete with cabling, earthing, piping, float switches etc.Extinguishers shall be as per fire norms. including all necessary approvals from chief controller of explosives.	Request you to kindly specify the distance to be considered between under groud diesel tank and day tank.	As per acutal site conditions
17	-VOL05BOQ-SUBHEAD 3-HT CABLING & SUBSTATION AUXILLARIES	Supply & Testing of 11KV 3C XLPE earthed / unearthed cables including all accessories, supports etc. as specified and shown on drawings complete.	Please confirm earthed or unearthed HT cable to be considered	Earthed
18	-VOL05BOQ-Cable laying	Laying of one number PVC insulated and PVC sheathed/XLPE power cable of 11KV grade of following size direct in ground including excavation, sand cushioning, protective covering & refilling the trench etc as required.	We presume that depth of the excavation shall be as per CPWD DSR / DAR for HT cable laying. Please cofirm.	As per CPWD Norms

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19	-VOL05BOQ-SUBHEAD 5- BUS DUCTING & RISING MAIN	Supplying, Installation, including suspension testing, commissioning of following Sandwich bus trunking with aluminium bus bars having current density of 130A/sq. cm at nominal current rating in 1.6mm thick, IP 65 sheet steel enclosure with Aluminium canopy in convenient sections for use on, 3phase, 4 wire, 415V, 50Hz, A.C. supply including jointing of sections, flexible connections, expansion joints, bends, Terminal flange ends and earthing with 2 runs of galvanised iron strips, suspenders, angle iron bracket, steel fasteners, connecting to earthing system etc as required. Note- for outdoor installation canopy will be mounted on bus duct for protection. Canopy Fabricated out of 1.2mm GI/CRCA powder painted 5.1.1 3200A 5.1.1 2000A 5.1.2 1000A 5.1.3 1600A	Request you to kindly specify the number of bends, end terminations to be considered for Busducts of each rating	As per actual requirements of the site
20	-VOL05BOQ-Cable laying	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc. as required.	We presume that depth of the excavation shall be as per CPWD DSR / DAR for HT cable laying. Please confirm.	As per CPWD Norms
21	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.1	1x16W Wall / Surface mounted LED Tube light Crompton make cat no-DMLN1LT8-16+LTT8-16 Or Equivalent	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
22	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.2	1x12W Surface mounted LED Downlight Crompton make cat no-LCDSPL-R-12-CDL or Equivalent	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
23	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.3	1x16W Wall mounted mirror / Bracket LED light Crompton make cat no-DMLN1LT8-16+LTT8-16 Or Equivalent	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
24	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.4	1x36W Recess Square LED Downlight Crompton make cat no-LCTRLN-36-FO-CDL or Equivalent	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
25	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.5	1x80W Decorative LED light ceiling mounted Crompton make cat no-LCNR-80-CDL or Equivalent	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
26	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.6	1 x 10W LED Bulk head Light- (IP65) Crompton make cat no-LBHN-10-CDL or Equivalent	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
27	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.7	1x40W Surface mounted LED Tube light Crompton make cat no-LCB1-40-CDL or Equivalent	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
28	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.8	1x15W recess mounted LED Downlight Crompton make cat no-LCDE-15-CDL or Equivalent	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
29	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.9	1x9W recess mounted LED Downlight Crompton make cat no-LCDE-09-CDL or Equivalent	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
30	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.10	2x36W CFL Clean room fixture recess downlight Crompton make cat no-CRFBW12236EB(255) or Equivalent	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.

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31	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.11	1x18W recess mounted LED Downlight Crompton make cat no-LCDE-18-CDL or Equivalent	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
32	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.12	1x40W suspended LED Downlight Crompton make Cat no-LCB1-40-CDL or Equivalent	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
33	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.13	LED Strip Light- 20W/M Crompton make Cat no-LST20WW or Equivalent	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
34	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.14	1 x 10 W wall Bracket (Phillips LED-1 x 10 W 45617/17 Vase or approved equivalent from list of Makes)(WB)	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
35	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.15	1X40 LED Recess mounted down light fixture (Crompton Greaves Prakhar LCDNR-40-CDL or approved equivalent)	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
36	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS	1x40W Surface mounted LED light Crompton make cat no-LCTLSN-40-CDL or Equivalent	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
37	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.5	1x24W Recess Square LED Downlight Crompton make cat no-LCTLRN-24-FO-CDL or Equivalent	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
38	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.6	1x40W Surface mounted LED Tube light Crompton make cat no-LCB1-40-CDL or Equivalent	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
39	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.7	1 x 6W Bed Head LED light Crompton make or Equivalent	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
40	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.8	LED Strip Light- 20W/M Crompton make Cat no-LST20WW or Equivalent	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
41	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.16	Wall mounted 6' dia Exhaust fan (Equivalent to Crompton greaves Brisk Air 6') with automatic louvers (Fan shall have ISI marking & shall be BEE 5 star rated)	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
42	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.17	Wall mounted 10' dia (Equivalent to Crompton greaves Brisk Air 10') with automatic louvers (Fan shall have ISI marking & shall be BEE 5 star rated)	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
43	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.18	48" Ceiling suspended ISI mark BEE 5 star rated Fan equivalent to Crompton greaves model no HS plus 48' Ivory. (Supply Installation, testing and commissioning of ceiling fan,	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
44	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.19	36" Ceiling suspended ISI mark BEE 5 star rated Fan equivalent to Crompton greaves model no HS plus 36' Ivory. (Installation, testing and commissioning of ceiling fan,	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
45	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.4	Supply Installation testing and commissioning of Bed Head panel frame - TYPE-A1 as per Each the drawing and complete with provision of installing 2 # 6/16 A sockets+Switch, 4 # 6 A socket+switch, RJ11port, RJ485, Medi gas outlet's Holder.complete with mounting accessories as per the layout.	Request you to kindly specify the approved makes for bed head panels.	As per BOQ
46	-VOL05BOQ-SUBHEAD 13-EXTERNAL LIGHTING & FEEDER PILLARS 13.1.3	4 Mtr High Octagonal tapering hot dip Galvanized decorative Pole with 40W LED streetlight (similar to Cat no crompton greaves LPTO-40-CDL)	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.

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47	-VOL05BOQ-SUBHEAD 13-EXTERNAL LIGHTING & FEEDER PILLARS 13.1.4	4 Mtr High circular tapering hot dip Galvanized Pole with 40W streetlight (similar to Cat no crompton greaves LPTO-40-CDL)	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
48	-VOL05BOQ-SUBHEAD 13-EXTERNAL LIGHTING & FEEDER PILLARS 13.1.5	9 Mtr High circular tapering hot dip Galvanized Pole with 90W streetlight with single arm (similar to Cat no crompton greaves LSTN-90-CDL-A)	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
49	-VOL05BOQ-SUBHEAD 13-EXTERNAL LIGHTING & FEEDER PILLARS 13.1.6	6 Mtr High circular tapering hot dip Galvanized Pole with 60W streetlight with single arm (similar to Cat no crompton greaves LSTP-60-CDL)	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
50	-VOL05BOQ-SUBHEAD 13-EXTERNAL LIGHTING & FEEDER PILLARS 13.1.7	9 Mtr High circular tapering hot dip Galvanized Pole with 90W streetlight with double arm (similar to Cat no crompton greaves LSTN-90-CDL-A)	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
51	-VOL05BOQ-SUBHEAD 13-EXTERNAL LIGHTING & FEEDER PILLARS 13.1.8	6 Mtr High circular tapering hot dip Galvanized Pole with 60W streetlight with double arm (similar to Cat no crompton greaves LSTP-60-CDL)	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
52	-VOL05BOQ-SUBHEAD 13-EXTERNAL LIGHTING & FEEDER PILLARS 13.1.9	Post top lanterns for entry gates (similar to Cat no crompton greaves LPTO-40-CDL/M)	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
53	-VOL05BOQ-SUBHEAD 13-EXTERNAL LIGHTING & FEEDER PILLARS 13.1.10	Bollard lights 10W 900mm High(similar to Cat no crompton greaves LBSL1-10-CDL)	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
54	-VOL05BOQ-SUBHEAD 13-EXTERNAL LIGHTING & FEEDER PILLARS 13.1.11	Bollard lights 10W 600mm High(similar to Cat no crompton greaves LBSL1-10-CDL)	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
55	-VOL05BOQ-SUBHEAD 13-EXTERNAL LIGHTING & FEEDER PILLARS 13.1.12	2.5 Mtr High circular tapering hot dip Galvanized Pole with 45W streetlight (similar to Cat no crompton greaves LSTP-45-CDL)	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
56	-VOL05BOQ-SUBHEAD 18-LIFT SI No 18.9	2000 Kg, 0.5 mps SE-1	Rate specified for 2000Kg service elevator is Rs. 25,00,000/- which is very less compared to market rate. Request you to kindly amend this rate.	As per BOQ
57	-VOL05BOQ-LIST OF APPROVED MAKES FOR ELECTRICAL SYSTEM	Approved makes for 11 KV VCB Panel Board/ RMU Packaged Type Sub-Station are Siemens/ L&T/ABB/Schneider	Please confirm whether we can consider authorized system integrators of Siemens/ L&T/ABB/Schneider for VCB Panel Board/ RMU Packaged Type Sub-Station	No change. Shall be as per tender conditions
58	-VOL05BOQ-LIST OF APPROVED MAKES FOR ELECTRICAL SYSTEM	Approved makes for Main LT Panel/ APFC panels /Main AC panel are Siemens/ L&T/ABB/Schneider Approved make for MV panels/Fire panel/AHU Panel are Tricolite/Adlec./Sterling &Wilson / Control & Switchgear/Nitya Electro Control Pvt. Ltd. /SPC Electro Tech Limited or equivalent as approved by HSCC.	Please confirm whether we can consider authorized system integrators of Siemens/ L&T/ABB/Schneider (Tricolite/Adlec./Sterling &Wilson / Control & Switchgear/Nitya Electro Control Pvt. Ltd. /SPC Electro Tech Limited or equivalent as approved by HSCC) for Main LT Panel/ APFC panels /Main AC panel.	No change. Shall be as per tender conditions
59	-VOL05BOQ-LIST OF APPROVED MAKES FOR ELECTRICAL SYSTEM	Approved makes for Diesel Engine are Cummins/ Caterpillar/MTU/ Perkins- Sterling	Out of the approved makes specified, Sterling is an Original equipment assembler for DG Sets and rest of the Makes specified are Engine Manufacturers. We presume that any authorized DG assemblers offering diesel Engine of approved makes like Cummins/ Caterpillar/MTU/ Perkins can be considered for this project. Please confirm	No change. Shall be as per tender conditions

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60	-VOL05BOQ-LIST OF APPROVED MAKES FOR ELECTRICAL SYSTEM	Approved makes for Light fitting are Phillips / GE/ Crompton Greaves	At present, GE is not offering light fixtures in Indian market. Hence request you to kindly provide additional list of makes for light fixtures to have a competitive bid.	No change. Shall be as per tender conditions
61	-VOL05BOQ-LIST OF APPROVED MAKES FOR ELECTRICAL SYSTEM	Approved makes for Lifts/ Dumb Waiters/Escalators are Otis /Kone/ Mitsubishi/ Scheindler	Request you to kindly include make "Johnson" in the list of approved makes for Lifts/ Dumb Waiters/Escalators	Johnson make can be accepted. Please refer to Amendment No.1
62	-VOL04TECHSPECS-ELECTRICAL WORKS SECTION: 2.5 SUBSTATION AUXILIARIES INSTALLATION	The scope of work shall cover the following: 1) Supply, Installation, testing & commissioning of 33KV HT panel, Transformer. 2) Supply, laying, termination, testing of HV 33KV cables & LV, cables	BOOs for 33KV, HT Panel, Transformer, 33KV Cabling etc are not available in the tender document. We presume that 33KV system works are not part of this contract. Please confirm.	As per BOQ
63	-VOL04TECHSPECS-ELECTRICAL WORKS	Technical specification	Specification for 11KV transformers, HT Panel, HT cables, Packaged substations etc are not available in the tender document. Request you to kindly furnish the same.	As per CPWD specifications/IS Specifications
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	Bidder No.5			
1		SCC Clause 4.1.1 Page 5	We request you to reimburse the fees payable to departments for approval	No change. Shall be as per tender conditions
2			GST will be applicable from 1st July 2017. To understand GST, we request to extend the bid submission date by 15 days	No change. Shall be as per tender conditions