

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, Mangalagiri, Distt. Guntur (AP)”.

Tender No. HSCC/PMSSY/AIIMS/ Guntur/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. 3.03 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 Civil Works Item No.3.04(e)	Quantity – 77073 Amount – 26428331.70	Quantity – 73476.92 Amount – 25195234.30
Volume V Bill of Quantities	Amount – “ <i>Blank</i> ”	Amount – 1233097.40

Clause Ref.	Existing Provision	May be read as
Civil Works Item No.3.04(h)		
Volume V Bill of Quantities PHE Works Item No.7.15(b)	Quantity -1688	Quantity – 1687.50
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
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(a)	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 1500 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 Guntur

Tender No.HSCC/PMSY/AIIMS/ Guntur/R-OPD/2017 dated: 16.06.2017

Reply to queries received during the Pre-Bid Conference held on 23.06.2017 at 1500 hrs

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
Bidder No.1				
1	Vol - 1 page 10, clause 1.4.1 Eligibility criteria (b)	The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum; calculated from the date of completion to previous day of last date of submission of tenders	The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum; calculated from the date of completion to previous day of last date of submission of tenders. i.e, the period would be considered upto financial year 2016-2017. In this regard, we request you to kindly give the bifurcation of updation factor for the financial year 2010-11 to 2016-17	No change. As per tender conditions.
2	Vol - 1 page 3, clause 1.(b)	Should have had average annual financial turnover of Rs. 146.43 Crore on construction works during the last three years ending 31 st March 2016 (Scanned copy of Certificate from CA to be uploaded).	We request you to kindly consider the average financial turnover up to financial year ending 2016-17 on par the value of executed works.	No change. As per tender conditions.
3	General		We request you to kindly arrange to extend the bid submission date at least another three weeks time	No change. As per tender conditions.
Bidder No.2				
1	General	07.07.2017 upto 15:00 hrs	As this is a Composite Work involvong MEP works we request to extend the Bid Submission date to 21.07.2017	No change. As per tender conditions.
2	General		We request your to provide land for batching plant within the site	Land for batching plant will be provided at the site.
3	General		We request for a rent free high land from the employer for establishing our Labor colony, other site infrastructures required for the project execution.	The contractor has to make own arrangement for labour stay
4	SCC, Page-40, 32.6	A reasonably furnished site office and transit accommodation having a sample room, A.C. meeting room, A.C. staff rooms	Please clearly mention the facilities to be provided to client with area details	The facilities have been detailed in the clause.
5	GCC, Page-111, Clauae 7	Gross work to be done together with net payment /adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment. 10 Crores	We request you to waive of the Miniumum bill value for the 1st and last three RA bills	No change. As per tender conditions.
6	GCC, Page-29	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 the period specified hereinunder (i) If the Tendered value of work is up to Rs. 45 lac : 2 months (ii) If the Tendered value of work is more than Rs.45 lac and up to Rs. 2.5 Crore : 3 months (iii) If the Tendered value of work exceeds Rs. 2.5 Crore : 6 months	Final bill shall be paid within 45 days from the date of submission.it would cover release of all hold items .in case delay of releasing payment within 45 days the due amount will attract intrest @ 18% per annum from the due date till the date of payment	No change. As per tender conditions.
7	GCC, Page-111, Clauae 10CA		Kindly clarify whether,the Basic price provided in BOQ are inclusive of VAT or exclusive of VAT	Base rates provided in Schedule F are for implementation of Clause 10CA as per the CPWD Guideline.
8	General		Please provide the Contact No. of the Concerned Person for Site Visit purpose	Shri Subhash Sharma - 7399001892 Shri Situranjan Sahoo - 9439830851
9	General		Please provide the site layout dawing.	
10	Soil Investigation Report		Please provide us the 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.

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
11	Reinforcement steel		Please confirm, Authorized Laps, chairs and spacer bars are measured for payment.	Measurements shall be as per the relevant CPWD/IS Specifications
12	M Sand		M sand is allowed for concrete/RMC items.	Work shall be carried out as per CPWD Specifications and tender conditions
	Bidder No.3			
	CIVIL			
1	BOQ Item No. 1.02	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30cm in depth, 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed.	We request you to allow controlled blasting for Excavation in Hard Rock. Please confirm.	No change in tender conditions
		a) Ordinary Rock		
		b) Hard Rock (Blasting Prohibited)		
	BOQ Item No. 1.03	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), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 500 m.		
		b) Ordinary Rock		
		c) Hard Rock (Blasting Prohibited)		
2	BOQ Item No. 3.12, 3.13, 3.14	Expansion Joint System	We request you to provide the List of Approved Makes for Expansion Joint System	Work shall be carried out as per Tender Conditions
3	BOQ Item No. 4.05	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. (Unit of Measurement is "Sqm")	We request you to specify the dimensions of the Toilet Cubicles as the rate per "Sqm" will vary according to the type (L/U) of Cubicle.	Work shall be carried out as per BOQ and tender conditions.
4	BOQ Item No. 7.16	P/L 8mm thick (EN13329) HDF laminated wooden Flooring including skirting of approved brand and manufacture(class use of 31/33 AC 4 plank size 1290 X 194 mm & groove construction with edge impregnate with seal to secure long lasting joints, secured together with the help of suitable glue, conforming to EN 13329 including the cost of 0.6 mil. PE Film and 2 mm PU Foam with accessories like Skirting, T Profile, beading, stair nose etc all complete.	We request you to pay separately for Skirting.	Area of flooring and skirting shall be measured for payment.
5	BOQ Item No. 7.21	Providing & fixing 2 mm thick homogeneous jointless, scratch resistant, chemical resistant, anti fungal and anti bacterial class A clean room certified, Phthalate free PVC Vinyl flooring and skirting/ coving good for laboratories of approved quality including the cost of suitable adhesive of approved quality and manufacture.Cost of coving to be paid seperately)	We request you to pay separately for Skirting.	Area of flooring and skirting shall be measured for payment.

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
6	BOQ Item No. 7.22	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.
7	BOQ Item No. 10.08	Providing and fixing glass Reinforced Concrete (G.R.C) Screens in approved size, pattern design , thickness and color of approved make .The Screen should be made from White Portland cement ,Quartz, Fine Silica Sand, Alkali Resistant Glass Fibre Super Plasticizer Polymer and U.V resistant Synthetic inorganic pigment for pigmentation. The material casting should take place in Synthetic Rubber /FRP moulds of approved make & shape. The fixing of screens to be done with Stainless Steel (SS-304) 'L' shaped Clamps, dash fasteners and pins, as required at site.	We request you to provide the Size, Design Pattern/ Drawings for GRC Screens.	Work shall be carried out as per BOQ and tender conditions.
8	BOQ Item No. 10.17	Providing & fixing of external signages of varying sizes & shapes using GI sheet of atleast 19G, painting the entire board both surfaces with 1 coat of primer & 2 coats of synthetic enamel painting, lettering of approved type on board of any sizes in English / Hindi or Local language complete as per technical specifications & directions of Engineer.	We request you to provide the Size and Shape of External Signages.	Work shall be carried out as per BOQ and tender conditions.
9	Tech. Specifications - Civil Works, Pt. No. 1.13, Pg No. 2	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. Please confirm.	No change in tender conditions.
10	Tech. Specifications - Civil Works, Pt. No. 1.20, Pg No. 3	He shall also ensure that all work sites within the Institute complex are properly cordoned off by means of barricades and screens upto 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 separately for Barricade.	No change in tender conditions.
11	Tech. Specifications - Civil Works, Pt. No. 5, Pg No. 21, Notes	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.	No change in tender conditions.
HVAC				
1	BOQ Item no 1.0	Scematic drawing and BOQ	As per drawings, Chillers qty is 3 and whereas in BOQ chillers qty is 2 nos. Please clarify .	Shall be as per BOQ
2	List of approved makes - 1.0 - Centrifugal chilling units with VFD(ARI certified)	Carrier/Trane/York	We request you to consider Voltas/Dunhambush make Centrifual VFD chillers which is complying with tender specifications.	Shall be as per Tender
3	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
4	BOQ-2.0-Pumps	Primary CHW pumps - split casing end suction type Secondary CHW pumps - split casing type Condenser water pumps - end suction back pull out type vertical split casing	As BOQ description is bit confusing for type of pumps, we request you to reconfirm on type of pumps to be considered. We presume these pumps are to be with End suction back pullout type only as per tender Specs-AC-Page-49.	End suction back pullout split casing.
5	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
6	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.	No insulation

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
7	BOQ-5.0-AHU	AHU alongwith 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
8	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	IP-55 VFD required
9	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	Shall be as per Tender
10	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 at the time of execution
11	List of approved makes - 29 & 30.0 - Main AC Panel & AHU, Ventilation panels	Main AC Panel - L&T/ Siemens / ABB/ Schneider AHU & Vent panels - Tricolite/Adlec/Sterling & wilson/C&S/Jackson/Milestone/Nithya/SPC/Risha/Neptune/Zeta	We request you to approve for CPRI approved vendor for ease of coordination and faster deliveries. In the above panel enclosures, we will consider breakers and switchgears as per approved makes only.	Shall be as per Tender
12	List of approved makes - 98 - VAV	VAV makes - Trane/Trox/JCI/Caryaire/Belimo	We request you to approve Dynacraft VAVs with Belimo actuators, as Belimo VAVs are not available	Shall be as per Tender
13	BOQ - 6 - Inline fans	Inline fans - Starter & cabling	We will consider 15Rmt of cabling for each Fan. Please confirm	Shall be as per Tender
14	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	Shall be as per Tender
15	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	Shall be as per Tender
16	BOQ - 9.1 - VRF ODUs	VRF ODU capacities	Please clarify whether ODU capacities are at actual ambient conditions.	Shall be as per Tender
17	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
18	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	Shall be as per Tender
19	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	Shall be as per Tender
20	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

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
21	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. Upto 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
22	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
23	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
24	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
25	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	Shall be as per BOQ
26	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.	Shall be as per BOQ
27	BOQ & Drawings	Drawings and BOQ	Can you please provide the BOQ in excel format and drawings in auto cad format.	No
28	Drawing	Chiller Plant room	Chiller plant room drawing /Location details is required.	Shall be as per tender drawing
		Chilled Water schematic drawing	chilled water schematic drawing is required.	
29	Specs – AC- Page -96 Sr. No 1,2 & 23.	LIST OF APPROVED MAKES AND MANUFACTURERS:- 1. Centrifugal Chilling Units with - Carrier/ Trane/ York VFD (ARI Certified) 2. Screw chiller (ARI Certified) - Carrier/Trane/York/Danhum bush 3. VRV/VRF- Carrier /Hitachi/Daikin/O-general/Toshiba/Mitsubishi	Can we consider Bluestar/ Voltas or equivalent Indegenius makes for Chiller and VRF units?	Shall be as per tender
30	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.	Shall be as per tender. Total Static Pressure (TSP)
31	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.	Shall be as per tender. Total Static Pressure (TSP)
32	Expansion Tank		Location of expansion tank, nos of floors, max header size required	shall be as per tender
33	Document VOL05BOQ-HVAC WORK Item No:- 4.2) GSS DUCTCNG	Ducting GSM	Can we consider 120 GSM ducting?	shall be as per tender
34	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.	Total Static Pressure (TSP)
35	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.	shall be as per tender
36	HVAC Specification Page No.57 Clause 3.0, Point a.	Impeller shall be of die cast aluminum alloy with integrally cast aerofoil sectioned blades and hub.	Blades shall be Cast /fabricated aluminum aerofoil shaped	shall be as per tender

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
37	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
38	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.	± 5% Voltage fluctuation	shall be as per tender
39	HVAC Specification Page No.57 Clause 3.0, Point f. and HVAC Specification Page No.60 Clause 6.0, Point g.	The speed of 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
40	HVAC Specification Page No.57 Clause 3.0, Point g.	Fans and accessories shall be painted with two coats of redoxide 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
41	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
42	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
43	BOQ 6.2,6.3, 6.4, 6.5	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
44	BOQ 6.2,6.3, 6.4, 6.5	Axial flow fans (AMCA Cetrified)	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
45	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
46	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.
47	BOQ Item no 6.1 (HVAC)	Inline Fans	Inline fan shall be single phase,hence, starter are not required. Request, you to kindly remove starter from the BOQ.	shall be as per tender
48	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
49	BOQ item 1.1: Chillers	Refrigerant	As per the BOQ R134a refrigerant shall be used in the chillers, however as the approved makes list only carrier and york will be able to supply chillers with R134a, whereas Trane will supply with R123. Please advice.	shall be as per tender
50	BOQ item no 1.2: Plant Manager	Cabling & Conduit	As per the BOQ description the plant manager shall be with cabling & conducting. We request you to provide the size and quantity of cables & conduits to be considered.	shall be as per tender
51	Plant Room	Plant Room Drawing	As per the drawings received, it consists of OPD block floor drawings, guest house floor drawings and chilled water plant room schematic drawing. Request you to provide the plant room layout drawings.	shall be as per tender
52	BOQ item no 2.2: Secondary Pumps	Differential Pressure Transmitters	Please confirm the no of DPTs to be considered for each set of secondary pumps since the same is not mentioned in the BOQ or specifications.	shall be as per tender

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
53	BOQ item no 3: Cooling Tower	No of cells	As per the BOQ the cooling tower shall be with min 2 cells. However as per the specifications pg no 47 the cooling tower shall be of one or more cells. We seek your approval to consider the no of cells as per the manufacturer standard and selection.	shall be as per tender
54	BOQ item no 3: Cooling Tower	Cooling Tower Location	Please confirm the location of the cooling tower.	Terrace
55	BOQ item no 5.1 Air Handling Units	Filter Section	Please clarify whether pre & fine filter can be mounted on a common frame or else the fine filter to be considered after the fan.	Fine filter after the fan.
56	BOQ item no 5.1 Air Handling Units	Horizontal / 2 Tier	As per the BOQ general description the AHU shall be horizontal / 2 tier as specified. Since it is not specified anywhere in the BOQ we shall consider single tier AHUs. Please confirm.	shall be as per tender
57			If 2 tier to be considered, please confirm the sections to be considered in top tier.	Filter sections
58	BOQ item no 5.1 Air Handling Units	Starter	As per the BOQ the AHUs shall be with IP55 rated VFD starter and isolator switches. Please clarify whether we need to consider only the VFD or VFD with bypass starter panel.	Only VFD Starter
59			If VFD with bypass starter to be considered, then we shall consider IP20 VFD mounted inside panel with IP55 protection. Please confirm.	Shall be as per tender
60	BOQ item no 5.1 & 5.2 Air Handling Units	Control Cabling	As per the BOQ the AHUs shall be with 1.5sqmm cu armoured control cable. Please provide the quantity of cable to be considered for each AHU.	Shall be as per tender
61	BOQ item no 5.1 & 5.2 Air Handling Units	Outer Skin	As per the specifications it is mentioned that the outer skin shall be with 0.8mm thick precoated CRC sheet. We shall consider 0.8mm thick precoated GI sheet as per the manufacturer standard.	Acceptable
62	BOQ item no 5.2 TFA Cum HRW Air Handling Units	TFA with HRW Units	These Air Handling Units shall be considered as per the approved makes of the AHUs and the HRW shall be taken from the respective approved wheel manufacturers. Please confirm.	Shall be as per tender
63	BOQ item no 5.3: VAVs	Cabling	As per the BOQ the VAVs shall be with power / control cabling. Please provide the quantity of power and control cabling to be considered along with each VAV.	Shall be as per tender
64	BOQ item no 8: Expansion Tank		As per the BOQ description expansion tank with air separator with pumps to be considered. However only the tank capacity is mentioned in the BOQ. Please provide the dia of air separator to be considered.	Suitable for the (2 Working + 1 Standby) Chiller. GPM
65	BOQ item no 9.8: Cable Tray	Size	Please provide the size of cable tray to be considered.	Shall be as per tender
66	BOQ item no 10: Condenser Water Pipes		As per the BOQ pipes shall be with rigid supports / buried in ground with evacuation and refilling. Request you to quantify this underground piping separately in the BOQ.	Not required
67			Any kind of excavation and refilling works shall not be in our scope of works.	Shall be as per tender
68	BOQ item no 11.3: Automatic Balancing Valves	Makes	Since the makes are not specified for the automatic balancing valves, we seek your approval to consider Flowcon/ Danfoss make	Acceptable
69	BOQ item no 15.1: GSS Ducting	Rectangular / Round	As per the BOQ description it is mentioned as rectangular / round ducting. If round ducting also to be provided request you to quantify the same separately since pricing for both type of ducts will be different.	Rectangular ducting
70	BOQ item no 15.1&15.2: GSS & AI Ducting	Flanges	We seek your approval to consider TDF flanges	TDF in GSS only
71	BOQ item no 16.1.2: Fire Damper Actuator	Actuator Torque	Please provide the actuator torque rating to be considered.	As per requirement
72	Drawing	Chiller Plant room	Chiller plant room drawing /Location details is required.	As per tender drawings
73		Chilled Water schematic drawing	chilled water schematic drawing is required .	As per tender drawings

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
74	Specs – AC- Page -96 Sr. No 1,2 & 23.	LIST OF APPROVED MAKES AND MANUFACTURERS:- 1. Centrifugal Chilling Units with - Carrier/ Trane/ York VFD (ARI Certified) 2. Screw chiller (ARI Certified) - Carrier/Trane/York/Danhum bush 3. VRV/VRF- Carrier /Hitachi/Daikin/O-general/Toshiba/Mitsubishi	Can we consider Bluestar/ Voltas or equivalent Indegenius makes for Chiller and VRF units?	Shall be as per tender
75	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.	Shall be as per tender TSP
76	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.	Shall be as per tender TSP
77	Expansion Tank		Location of expansion tank, nos of floors, max header size required	Shall be as per tender
78	Document VOL05BOQ-HVAC WORK Item No:- 4.2) GSS DUCTCNG	Ducting GSM	Can we consider 120 GSM ducting?	Shall be as per tender
79	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	Metioned static pressure for fans is ESP or TSP? Please confirm.	TSP
80	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.	Shall be as per tender
	PHE and Fire Fighting			
1	BOQ item no 3.39	Storag type gysers	Approved makes for storage type gysers are not mentioned in makes list .	As per tender conditions
2	BOQ item no 4.04	RCC Hume pipes -NP2 class	Request you to approve good quality locally available RCC hume pipes .	As per tender conditions
3	BOQ item no 5.01	Solar water heating system	Please confirm class of GI pipes B class or C class.	As per tender conditions
4	BOQ item no 7.01	Extenal water supply	Please confirm class of GI pipes .	Class B
5	BOQ item no 12	WTP and STP(Approved makes -Geo miler & co , Ion exchange ,Thermax , pollucon technologies)	Please consider additional maks for STP and WTP .Eurakafores /Revolve engineers / Ryli technogies .	As per tender conditions
6	BOQ Sno 13	Effulant traelment plant	Please provide the makes for ETP.	As per tender conditions
7	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	Please provide Make	As per tender conditions
8	BOQ item no 3.18	Providing and fixing enclosed type water meter (bulk type) conforming to IS : 2373 and tested by muncipal board complete with bolts,nuts rubber, insersions etc. (the tail plases if required will be paid seperatly)	Please provide Make	As per tender conditions
9	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.	Please provide Make	As per tender conditions

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
10	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 SS pipe is Seamless or welded	Seamless
11	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 upto 1 Kg/Sq.cm) including flanges / unions, nuts, bolts, 2# Pressure gauge, 1# bye pass valve and washers complete as required.	Please provide Make	As per tender conditions
12	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, G.I pipe class	Class B
13	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	Please provide the make	As per tender conditions
14	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)	Please provide the make	As per tender conditions
15	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	Please provide the make	As per tender conditions
16	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 uot by Agency without any extra cost.	Please confirm the room size	As per shop drawing
17	Fire Fighting BOQ item 1.45	Supression System	Please confirm the room size	As per BOQ

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
18	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 BOQ
	Electrical			
1	Vol 05, BOQ Sr. No. 6.3.1	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 kV grade as required.	Please confirm single or double compression gland to be used.	Double compression gland to be used
2	General: Conduits	Medium class steel conduit	We understand that MS Medium conduit to be used wherever Medium class steel conduit is mentioned in tender. Please confirm.	As per BOQ/specifications
3	Vol 05, BOQ Sr.No. 9.5	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required.	We understand that all DB to Switchboard and switch board to board shall be considered in circuit/submain wiring and same shall be measured in Rmt as per BOQ. Please confirm.	As per BOQ
4	Vol 05, BOQ sr. No. 10.1.7	1 x 6W Bed Head LED light Crompton make or Equivalent	Please provide cat no of bed head light.	As per BOQ
5	Vol 04,Page no. 281: List of approved makes	CCTV camera - Honeywell/ Pelco /Bosch/Sony/Axis	Please confirm IP Video software also to be considered Honeywell/ Pelco /Bosch/Sony/Axis.	Software shall be of same make.
6	Vol 04,Page no. 281: List of approved makes	Main LT Panel/ APFC panels /Main AC panel - Make (Siemens/ L&T/ABB/Schneider)	Please also approve channel partner of Siemens/ L&T/ABB/Schneider	No change
7	Vol 04,Page no. 281: List of approved makes	HT/LT- XLPE cables (Universal/Finolex/ Rallison or equivalent as approved by HSCC)	Please approve KEI and Polycab cables.	No change
8	Vol 05,Page 110- Section 2.5	Supply, Installation, testing & commissioning of 33KV HT panel	Kindly Confirm Incoming HT voltage	As per BOQ
9	Vol 05, BOQ Sr. No.10	Light Fittings	Out of the Approved Makes Philips / GE/ Crompton Greaves, GE India business is shut down and therefore we request your approvals for Wipro/ Bajaj Make	No change
10	Vol 05, BOQ Sr. No.1.2	TRANSFORMER	Out of the approved makes for transformer, ABB does not manufacture Oil Distribution transformer upto 2500KVA. Request you to Kindly approve VOLTAMP	No change
11	General	Single line diagram	Please provide SLD for Electrical System.	Shall be provided to the successful bidder for execution.
12	SUB HEAD-2 PACKAGE SUBSTATION			
		For HT side I/C panel	As per BOQ HT side given as 2 I/C panel, where as Main HT panel O/G'S are single supply only , 2nd incomer supply from where we have to consider? Required detailed Single Line Diagram(SLD)	As per BOQ
		Type of construction	CSS & Transformer will be Indoor/Outdoor Please confirm.	CSS will be outdoor.
		Transformer	What is the Type of Tapping On load/Off Load. (Discrepancy in Specification & BOQ)	As per BOQ
13	SUB HEAD-4 RISING MAINS			
		Type of construction	Sandwich/ Air Insulated Type please clarify.	As per BOQ
		Type of Bus bar	Aluminum/copper bus bar Please confirm.	As per BOQ
	BOQ 4.2	End Feed Units	Switchgear in EFU will be ACB/MCCB Please confirm & also please confirm TP/FP.	As per BOQ
	BOQ 4.3	Tap Off Boxes	MCCB should be TP/FP Please confirm.	As per BOQ
14	SUB HEAD-5 HT CABLES			
	BOQ 5.4	Discrepancy in Specification & BOQ	Request you to kindly confirm HT cable is Earthed/Un Earthed.	Earthed
15	SUB HEAD-6 LT PANELS		Required detailed Single Line Diagram(SLD) for better understanding	Shall be provided to the successful bidder for execution.
		Discrepancy in Specification & BOQ for Bus Bar	Bus bar is Aluminum or Copper Please confirm. (2.19(9) specs ref.)	As per BOQ
			is all panels TTA type(Totally Type Tested) or can we consider CPRI Tested Panels.	As per BOQ
		MCCB Type	Shall we consider up to 250A Thermal magnetic & above 250A Micro processor Type Kindly Confirm.	As per BOQ
16	SUB HEAD-7 BUS DUCT			
			Shall we consider Al. Bus bar? Discrepancy in Specification & BOQ	As per BOQ

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
17	SUB HEAD-8 MV CABLES&TERMINATION			
	BOQ 8.4	Termination	Shall we consider Single Compression glands for all LT Termination?	Double compression gland
18		LT CABLES FRLS property	Shall we consider FRLS property for both inner & outer sheath?	As per BOQ
19	SUB HEAD-9 CABLE TRAYS			
		Discrepancy in Specification & BOQ for thickness	Trays thickness shall be 1.6/2mm Please confirm.	As per BOQ
20	SUB HEAD-11 POINT WIRING			
		Discrepancy in Specification & BOQ for thickness MS conduit	as per standard up to 32mm thickness will be 1.6mm & above 32mm 2mm. Please confirm shall we consider as per standard?	As per BOQ
			can we consider PVC conduit for concealed & open/surface MS conduit?	As per BOQ
21	Bus duct/Rising main		Please consider C&S Make also in approved Makes.	No change
22	General		Required detailed single line diagram (SLD)	Shall be provided to the successful bidder for execution.
23	BOQ Item no. 3.1	2250 kVA DG Set with Remote Radiator	Is Remote radiator a mandatory or can the DG be offered with Set mounted radiator, kindly clarify.	As per BOQ
24	BOQ Item No. 3.2	1000 kVA DG Set with Remote Radiator	Is Remote radiator a mandatory or can the DG be offered with Set mounted radiator, kindly clarify.	As per BOQ
25	BOQ Item No.3.1 & 3.2	Exhaust pipe structure	Is the exhaust pipe structure to be designed for 1 DG or multiple DG's if so, how many DG Sets. If the 30 meters exhaust stack structure is for multiple DG's the vertical pipes of all DG's it's recommended to complete along with the installation of the Structure, please clarify.	As per latest CPCB norms
26	BOQ Item No. 3.1 & 3.2	Exhaust pipes	The exhaust pipes quantity will vary according to the layout, kindly share the layout of the DG area.	DG Set will be installed outside the ESS
27	BOQ Item No. 3.1 & 3.2	50 mm thick compressed mineral wool, with 24 SWG Aluminium Sheet Cladding	There is difference between spec & BOQ, kindly clarify.	as per BoQ
28	Section 2.7 / Caluse 5.2	75 mm thick compressed mineral wool of 48 kg/cu.m density , with chicken mesh & 26 SWG Aluminium Sheet Cladding	There is difference between spec & BOQ, kindly clarify.	as per BoQ
29	BOQ Item No.3.1 & 3.2 (Note)	Acoustic enclosure to maintain 75 dB at 1 meter distance @ 75% load, from all directions	As per CPCB norms for DG's above 800 ekW the Acoustic enclosure will be provided for 25 dbA insertion loss @ 1 meter distance, please confirm	As per latest CPCB norms
30	Section 2.9 / 2.1	Sound pressure level at 1 meter distance to be less than 75 dB	As per CPCB norms for DG's above 800 ekW the Acoustic enclosure will be provided for 25 dbA insertion loss @ 1 meter distance, please confirm	As per latest CPCB norms
31	Imprtant Notes, 9	Vendor to study all architectural drawings to find out suitability of shifting the DG Sets before quoting	Requesting for the layout drawings	DG will be installd outside the ESS
32	Section 2.8 / 4.0	Auto Synchronization	Kindly share the DG System SLD to arrive at the number of DG's to be Synchronozined	As per BOQ
33	Section 2.10 / 2.2.1	Tests on Alternator	Type test reports for all tests conducted on a similar machine & standard Routine Test Certificate from the Alternator manufacturer can be provided, request please consider the same.	As per BOQ/specifications
34	Section 2.11 / 4.1	Pipe Thickess	For exhaust pipes MS ERW pipes of 4.85 mm tickness will suffice, please advise.	As per BOQ/specifications
35	BOQ item no.4.1.1 & 4.1.2	Raising Main	Kindly confirm the size of Aluminum earth strip	As per BOQ/specifications
36	BOQ item no.4.1.1 & 4.2.1	Raising Main	End feeder Unit kA is leesser than Raising main kA, please confirm shall we quote with Raising main kA	As per BOQ/specifications
37	BOQ Item No. 10.9	Wiring	Control wiring for Master Switch shall we consider 3R X 1.5 sq.mm , please confirm	As per BOQ/specifications
COMMERCIAL				
1		EMD : 3.03 Crores	We request the following information for preparation of Bank Guarantee for Bid Security as per RBI Guidelines. 1. Your Bank Name, 2. Address, 3. IFSC	Current Account No.2726001800000011 RTGS Code :PUNB0272600 Bank : Punjab National Bank Branch : Sector 27, NOIDA

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
2	NIT, Cl. 2.3.7, Pg No. 23	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.	To be discussed	No change. As per tender conditions
	SCC, Cl. 37, Pg No. 33	Sales Tax/VAT (including Service Tax and/or GST), Building and other Construction Workers Welfare Cess or any other tax or Cess in respect of this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect.		No change. As per tender conditions
3	SCC, Cl. 4.1.1, Pg No. 5	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. All expenditure on this account will be borne by the contractor. The applications for pre-construction clearances submitted/applied to local authorities shall be provided to the contractor for obtaining clearances/approvals. 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)	Our scope of works shall only be limited to those approvals directly required by us for execution, Unless specifically mentioned in BOQ line items and shall not include any other approvals what so ever from government/ any other authorities. Approval and associated cost (Official Fees & incidental charges) towards Permanent Works (Commencement & Occupation) shall be in Client's scope. Please confirm.	No change. As per tender conditions
4	SCC, Cl. 32.6, Pg No. 32	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. Electricity & drinking water for the site office will have to be provided by the contractor at his own cost for the site office. In case suitable existing building/accommodation is available at site, the same may be furnished as above with the consent of the Executing Agency.	To be discussed (Tentative Area, Consumables, Running Expences etc.)	No change. As per tender conditions
	GENERAL			
1		Tender Submission- 06.07.17, by 3.00 PM	We request you to extend the date of tender submission upto 27.07.17	No change. As per tender conditions

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
2		The bidders are required to submit (a) Original non-refundable Demand Draft of Rs.25,000/- (Rs. Twenty Five Thousand only) as cost of bid, in favour of "HSCC (India) Limited", payable at Noida/New Delhi (b) Original bid security in approved form as detailed in Vol.I of Tender documents to the office of Chief General Manager, HSCC (India) Limited E-6(A), Sector 1, Noida – 201301 before date and time fixed for opening of bid either by registered post or by hand failing which the bid be declared non-responsive.	We request you to allow us to submit Hard Copy on next day of online submission through Courier. Please confirm.	No change. As per tender conditions
3		Site Visit Observations	We understand that dismantling of existing buildings at site, jungle clearance and area development works (cutting, filling etc) shall be paid separately under respective items / extra items. Please confirm.	No change. As per tender conditions
Bidder No.4				
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	Please refer to Amendment No.1
Bidder No.5				
COMMERCIAL				
1	EMD/ Bid Security Bank Guarantee -Volume I, NIT & ITB	FORMAT FOR EMD/ BID SECURITY BANK GUARANTEE	Request you to Provide your bank SFMS details (Account number and Branch IFSC Code) which are required to arrange Bank guarantee per RBI Guidelines.	Current Account No.2726001800000011 RTGS Code :PUNB0272600 Bank : Punjab National Bank Branch : Sector 27, NOIDA
2	Time for Completion-Volume I, NIT & ITB	18 months	Considering the magnitude of the work,we request you to allow time for completion of 24 months	No change. As per tender conditions
3	Submission of on-line tender-Volume I, NIT & ITB	Up to 06.07.2017 by 15:00 hrs (IST)	We request you to extend this offer submission date by Four (4) weeks in view of submitting a competitive offer. Please consider	No change. As per tender conditions
4	E-Mail ID ot send Queries-Volume I, NIT & ITB		Please provide the Contact details/E-mail ID to send the pre-bid queries if any after site visit.	Shri Subhash Sharma - 7399001892 Shri Situranjan Sahoo - 9439830851

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
5	Project Inspection and Site Visit- Volume I, NIT & ITB	The Bidder is advised to visit and examine the Site of works and its surroundings at his/their cost and obtain at his/their own responsibility, any information that may consider necessary for preparing the Bid and entering into a Contract with HSCC (I) Ltd .(Executing Agency), including availability of electricity, water and drainage, where applicable.	Please provide the Site persons contact details.	Shri Subhash Sharma - 7399001892 Shri Situranjan Sahoo - 9439830851
6	Bid Security amount -NIB & ITB	Bid Security amount	Request to Limit the Bid security to Rs.2.0 Crores	No change. As per tender conditions
7	Approvals Required-SCC Scope of works Cl. 4, 3(f)	f. Obtaining occupancy certificate and related NOC's from statutory/ local/governmental agencies. Statutory payment on this account will be reimbursed by the client at actual.	It is contradictory with SCC Scope of works Cl 4.1.1 wherein it is mentioned that " All expenditure on this account will be borne by the contractor." Please Clarify	No change. As per tender conditions
8	Approvals Required-SCC Scope of works Cl 4.1.1	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	We request you to kindly keep the scope of obtaining approvals from all Statutory bodies in Client's scope. However, Contractor will extend all possible cooperations & assistance for obtaining such approvals, since the Design is not in Contractors scope.	No change. As per tender conditions
9	Approval for Cutting of Trees-SCC Scope of works Cl 4.1.1		We request you to kindly keep the scope of obtaining approvals from all Statutory bodies for cutting of trees in Client's scope.	No change. As per tender conditions
10	Delay in starting the work-SCC Cl. 31 (4)	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.	In case of delay/non fulfilment of any obligations of HSCC / Employer like providing work fronts ,release of drawings, release of payments, delays in providing required, approvals etc by HSCC the contractor shall be provided with suitable extension of time along with reasonable compensation for costs incurred on account of such delays not attributable to contractor	No change. As per tender conditions
11	Idling charges-SCC Cl.31,10(VIII)	(viii)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.	For reasons of default not solely attributable to the Contractor, the Contractor shall along with reasonable extension of time for completion ,be reimbursed with cost, that the contractor has to incur costs on account of labourers,equipment,plant and machinery etc during the time of idling.	No change. As per tender conditions

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
12	Compliance of Statutory Obligations for obtaining completion Certificates- SCC Cl. 33	Compliance of Statutory Obligations for obtaining completion Certificates: The Contractor shall comply all the statutory obligations and obtain all required clearances to implement the project without any financial repercussions to Executing Agency /Employer and ensure all follow up actions with the local authorities in this respect for smooth completion of the project. All statutory charges to get any NOC, clearances from local authorities to be obtained by the contractor and the charges towards the NOC shall be reimbursed after submitting the bills/documentary evidences along with RA bills/final bill. The contractor is required to obtain all NOC, completion & Occupancy certificates from the respective local bodies as applicable:	Contractor shall be responsible for taking approvals related to carrying out construction activities only.All other approvals,permits,NOCs,right of way, giving possession of site etc required to enable the contractor to start /carry out works shall be in the scope of the HSCC	No change. As per tender conditions
13	Labour Camp-CI 32.3 Para 2, of SCC	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	It is understood that the land at free of cost for Labour Hutment will be provided by the Employer. Kindly confirm	The contractor has to make own arrangement for labour stay
14	Maintenance in DLP-CI 4 of SCC	The scope of work comprises of Construction of Residential Complex & OPD Block at All India Institute of Medical Sciences, Mangalagiri, Distt. Guntur (AP) including internal & external Electrical, HVAC, PHE, fire fighting and external developments work etc. and their Maintenance during Defect Liability Period.	We understand that only the defects are to be attended during DLP by the contractor during DLP period and all consumables like fuel, spare part etc. will not be in Contractor's scope. Please confirm.	No change. As per tender conditions
15	Disruption of Progress-SCC Cl. 6	Disruption of Progress (a) The Contractor shall give adequate but not less than 4 weeks written notice to the Engineer-in-charge whenever planning or progress of the Works is likely to be delayed or disrupted unless any further drawing or order, including a direction, instruction or approval, is required to be issued by the Executing Agency. The notice shall include details of the drawing or order required explaining why and by when it is required and of any delay or disruption likely to be suffered if it is late.	All details like drawings etc required to be provided to the contractor to enable completion of works shall be provided by HSCC in line with the Schedule agreed for the project.	No change. As per tender conditions
16	Delay in issue of drawings-SCC, Volume-III, Cl. 6	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.	We request you to consider suitable extension of time along with reasonable compensation cost due to delay in work due to reasons not attributable to contractor.	No change. As per tender conditions

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
17	Variations-SCC Cl. 20	Variations	The quoted rates shall remain firm even if the quantities of individual items vary, as long as the variation in the total value of the works executed under this contract remain within $\pm 10\%$ (plus or minus ten percent) of the total tendered value of the works. For variation in total value beyond the above range, the rates for the items shall be mutually discussed and agreed. The payment shall be made only on the actual quantity of work done Suitable extension of time shall also be provided in case of increase beyond 10%.	No change. As per tender conditions
18	Recovery of Security Deposit-GCC Cl. 1A	Recovery of Security Deposit	Request not to deduct security deposit as we are already providing Performance guarantee. Request not to apply this clause.	No change. As per tender conditions
19	Milestone LD-GCC Cl. 5	Milestone LD.	Request that no milestone LD shall be applicable. LD shall be applicable on the overall contract duration only	No change. As per tender conditions
20	Mobilisation advance -Cl 10B (ii) & (iv) of GCC	The mobilization advance and plant and machinery advance in (ii) & (iii) above bear simple interest at the rate of 10 per cent per annum and shall be calculated from the date of payment to the date of recovery, both days inclusive, on the outstanding amount of advance.	We request you to provide us 10% interest free mobilization advance against submission of bank guarantee.	No change. As per tender conditions
21	Machinery advance-Cl 10B (ii) & (iv) of GCC Schedule F of GCC	As per Schedule the applicability of Clause 10B (iii) Machinery Advance is not applicable.	We request you to provide us interest free 5% Machinery Advance against submission of bank guarantee.	No change. As per tender conditions
22	GCC-Schedule F 10CC		Please also make provision of POL component as 10% under Clause 10CC	No change. As per tender conditions
23	GCC-Vol.-II. GCC : Schedule F Minimum Bill	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 Crore	Request you to kindly remove the minimum RA Bill restriction for first three and last three months of the project.	No change. As per tender conditions
24	FORECLOSURE OF CONTRACT DUE TO ABANDONMENT OR REDUCTION IN SCOPE OF WORK -GCC Cl. 13	FORECLOSURE OF CONTRACT DUE TO ABANDONMENT OR REDUCTION IN SCOPE OF WORK	In case of foreclosure or termination of contract by NBCC/Client for reasons not solely attributable to Contractor, NBCC shall return the Advance Payment Security and Performance Security and retention amounts held / submitted by Contractor under the Contract and pay to the Contractor the following amounts: (a) the Contract Price, properly attributable to the parts of the works/ services and supplies executed by the Contractor as of the date of termination. (b) The cost of relevant Package and Works ordered for the Project which have been delivered to the Contractor, and /or of which the Contractor is liable to accept delivery, such Plant and Materials shall become the property of (and be at the risk of) the NBCC against payment therefore by the NBCC, and subject to Payment , Contractor shall place the same at the NBCC disposal upon receipt of request in respect thereof from the NBCC (c) The costs incurred by the Contractor in the removal of the Contractor's Equipment from the Site and in the repatriation of materials, manpower and personnel of Contractors and its Subcontractors (d) any amounts required to be paid by the Contractor to its Sub suppliers/subcontractors in connection with the termination of any subcontracts/purchase orders , including any sub contract/sub order cancellation charges (e) Costs incurred by the Contractor in protecting the facilities and leaving the Site in a clean and safe condition. (f) the cost of satisfying all other obligations, commitments and claims that the Contractor may in good faith have undertaken with third parties in connection with the Contract and that are not covered by paragraphs (a) through (e) above. (g) six percent (6%) of the foregoing cost in lieu of profit.	No change. As per tender conditions

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
25	SETTLEMENT OF DISPUTES & ARBITRATION-GCC Cl. 25	It is also a term of this contract that no person, other than a person appointed by (Designated Authority of the Executing Agency), as aforesaid, should act as arbitrator and if for any reason that is not possible, the matter shall not be referred to arbitration at all.	Request to allow arbitration in line with Indian Arbitration act 1996 and amendments thereafter by Three Arbitrator method to encourage transparency and not insist of Sole Arbitrator of HSCC.	No change. As per tender conditions
26	Milestones-Vol-II GCC: Schedule F	Milestone 3: Completion of RCC work up to Floor-3 Level - 360 Days Milestone:8 Substantial Completion of Brickwork upto level to Floor 8 Level - 450 days	Please note that project consists of G+13 Floors. Milestone-3 for Completion of RCC work till 3rd level is specifies as 360 days whereas Brickwork till 8th level specifies as 450 days it is not achievable. We request you to review the same. We request you to permit contractor to plan/ schedule of work on basis of formwork repetitions & optimum utilization of resources within completion period of 24 months. Scheduling on basis of milestone given in tender will lead underutilization of resources & excess formwork requirement. We request you to review as this will help bidders in submitting most competitive bids.	No change. As per tender conditions
General				
1	-	Soil investigation report.	Kindly provide Soil investigation report.	
2	-	Bore well at site to meet the requirement of Construction Water.	Kindly clarify whether contractor can dig bore well at site to meet the requirement of Construction Water.	Contractor has to make their own arrangement for the electricity and water requirement.
3	-	Site Office, Stores, workshop and Batching Plant, Fabrication Yard, Labour Hutments within the site.	Kindly clarify whether Contractor can establish its Site Office, Stores, workshop and install Batching Plant, Fabrication Yard, Labour Hutments within the site provided by the client. Kindly confirm.	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.
4	Land for Batching Plant-	Land for Batching Plant	We request you to kindly provide us the land for batching plant near the site	Land for batching plant will be provided at the site.
5	Land for Labour Camp-	Land for Labour Camp	Please provide land for labour camp within site premises or vicinity of project site.	The contractor has to make own arrangement for labour stay
6	Limitation of liability-	Limitation of Liability	Request to add the following clause: The limitation of liability under the contract shall be limited to 10 % the contract value except in cases of fraud, gross negligence and wilful misconduct	No change. As per tender conditions
7	-Volume-IV, Cl 1.21	Stacking of materials and excavated earth including its disposal shall be done as per the directions of the Engineer-in-Charge. Double handling of materials or excavated earth if required shall have to be done by the contractor at his own cost.	We understand that HSCC will provide the land for disposal of excess excavated earth and debris within the site. Kindly clarify.	as per tender conditions
8	GRIHA-Volume-III, Cl 4.1.1	GRIHA 3star rating	We understand that this is a GRIHA project with a target to achieve 3 star rating. As per general GRIHA norms excavated soil is not disposed outside. Kindly confirm.	as per tender conditions

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
9	Engineer office & other facilities-CL 32.6 of SCC	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. Electricity & drinking water for the site office will have to be provided by the contractor at his own cost for the site office. In case suitable existing building/accommodation is available at site, the same may be furnished as above with the consent of the Executing Agency.	a) Please provide details of site office area to be provided along with furniture details; b) Also specify no of computers/ printers, telephone with STD facility, Fax Machine, internet to be provided to Client. c) Please specify nos of vehicles & km travelling/ month to be considered.	
Technical Civil				
1	-	Soil Investigation Report	Kindly provide 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.
2	-	BOQ	Request to provide the Bill of quantities in excel format for cost working.	BOQ in pdf form is already uploaded
3	-	Drawings	Please provide the Foundation drawings of each building	Tender drawings have already been uploaded
4	-	Drawings	Request to provide master plan & road layout drawings	Tender drawings have already been uploaded
5	Civil Works-Volume-V,BOQ Item No. 1.01 & 1.02	Earthwork in Excavation	If the lead exceeds 50m how it will be compensated	As per CPWD specifications and tender conditions
6	Civil Works-Volume-V,BOQ Item No. 1.03	Earthwork in Excavation	If the lead exceeds 500m how it will be compensated	As per CPWD specifications and tender conditions
7	Civil Works-Volume-V,BOQ Item No. 3.02	Fly ash conforming to grade I of IS 3812 (Part-1) only be used as part replacement of OPC	Request to specify the maximum percent(%) of Fly Ash can be used.	As per CPWD specifications and tender conditions
8	Civil Works-Volume-V,BOQ Item No. 3.04 (h)	Amount	The amount not added for this BOQ item. The 'Total' of RCC works, 'Grand Total' of Civil works & 'Total Estimated cost' needs to be corrected.	
9	Civil Works-Volume-V, BOQ, Item No-3.05	Linac Slab Thickness	As per our previous experinace minimum 2.4m thikness slab is required for Linac slabs where as you have given only 0.6m thickness. Please clarify	It is mentioned as 0.6 metre & above. The rates may be quoted for the required thickness
10	Civil Works-Volume-V,BOQ Sec 5	Doors & windows with Hardware fittings	Please provide the drawing details for Doors & windows schedule	As per tender conditions only
11	Civil Works-Volume-V, BOQ, Item No-4.02	AAC Blcoks	Kindly provide the approve Make for AAC block.	As per tender conditions only
12	Civil Works-Volume-V,BOQ Item No. 7.20	Chequered Terrazo tiles	Please provide approved vendors for chequered terrazo tiles	As per tender conditions only
13	Civil Works-Volume-V,BOQ Item No.7.10	Ceramic Glazed Wall tiles	Please provide the size & thickness of tile since the rate depends on size & thickness.	As per tender conditions only
14	Civil Works-Volume-V,BOQ Itm No. 7.11	Glazed Ceramic Floor Tiles of size 300mm x 300mm or more	We presume that the size of tile is 300mm x 300mm only. Since the cost vary from size to size. Also specify the thickness of tile.	As per tender conditions only
15	Civil Works-Volume- V,BOQ Itm No. 7.12 & 7.13	Vtrified Floor Tiles and other tiles	Please specify the thickness of tile	As per tender conditions only
16	Civil Works-	Basic rate for marble, granit and other Flooring items	Please provide basic rate for marble, granite stone & other specialised flooring items where rate depend on selection of flooring.	As per tender conditions only
17	Civil Works-Volume V,BOQ Item No. 7.14 & 7.15	Acid and alkali resistant tile	Please provide the size since the rate depends on size of tile.	As per tender conditions only
18	Civil Works-Volume V,BOQ Item No. 7.16	Laminated Wooden Flooring	Please provide approved vendors for wooden laminated flooring works	As per tender conditions only
19	Civil Works-Volume V, BOQ Item No. 10.10 - 10.13	Structural Glazing works	Please provide the drawing details for structural Glazing works	As per tender conditions only

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
20	Civil Works-Volume - V, BOQ Item No. 10.16-10.26	Signage Board works	Please provide approved vendors for signage works	As per tender conditions only
21	Civil Works-Volume-V,BOQ Item No. 8.07,8.09, 10.15	Waterproofing works	Please provide the approved agencies for Waterproofing works	As per tender conditions only
22	Civil Works-Volume-V, BOQ	Aluminium & Structural Glazing works	Please provide the approved fabricators for Aluminium works & Structural Glazing works	As per tender conditions only
23	PHE Works-Sec. 2 & 7	G.I. Pipes	Please provide the class of G.I. Pipes	Class B
24	PHE Works-Volume-V, BOQ	Total mistakes in the following items:	Total mistakes in the following items of "Estimated cost" needs to be corrected.	
	-	7.15(b)		Please refer to Amendment No.1
	-	10 sub total		
	-	11.07 amount		
HVAC WORKS				
1	HVAC Works-List of approved makes 1.0 - Centrifugal chilling units with VFD(ARI certified)	Carrier/Trane/York	We would request you to consider Voltas/Dunhambush make Centrifual VFD chillers which is complying with specifications. Recently we have supplied and installed Dunhambush chillers for Vijayawada airport terminal extension in 2016. We also supplied and installed our centri with VFD chillers many of the Public sectors applications, few of them are as below 1). Lucknow High court, 2). RBI Mysore, 3). Bangalore international airport etc. 4). District court, Delhi, 5). Kolkatta High court, 6). IIT Ropar	Shall be as per tender
2	HVAC Works-BOQ - 1.0 - Centrifugal chilling units with VFD(ARI certified)	Chillers quantity - 2Nos	As per drawings, Chillers #3 shown in drawing whereas in BOQ only #2 are quantified. Please clarify	Shall be as per BOQ
3	HVAC Works-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
4	HVAC Works-BOQ-2.0-Pumps	Primary CHW pumps - split casing end suction type Secondary CHW pumps - split casing type Condenser water pumps - end suction back pull out type vertical split casing	As BOQ description is bit confusing for type of pumps, we request you to reconfirm on type of pumps to be considered. We presume these pumps are to be with End suction back pullout type only as per tender Specs-AC-Page-49.	End suction back pullout.
5	HVAC Works-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 asper tender
6	HVAC Works-BOQ-2.2-Secondary pumps	OPD block - Secondary pumps capacity 1200gpm	As per drawings, Secondary pumps capacity for OPD block is mentioned with 1000gpm whereas in BOQ - 1200gpm is mentioned. Please clarify	As per BOQ
7	HVAC Works-BOQ-2.2-Secondary pumps	Ayush block - Secondary pumps capacity 500gpm	As per drawings, Secondary pumps capacity for Ayush block is mentioned with 400gpm whereas in BOQ - 500gpm is mentioned. Please clarify	As per BOQ
8	HVAC Works-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.	Insultaiton not required
9	HVAC Works-BOQ-5.0-AHU	AHU alongwith 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
10	HVAC Works-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	IP-55 VFD rquired
11	HVAC Works-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	Shall be as per tender
12	HVAC Works-BOQ-D-21.0-Electrical	AC Panel & AHU-Electrical panel SLD	We would request you to provide the SLD for main MCC and other Electrical panels	Shall be provided to the successful bidder

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
13	HVAC Works-List of approved makes 29 & 30.0 - Main AC Panel & AHU, Ventilation panels	Main AC Panel - L&T / Siemens / ABB/ Schneider AHU & Vent panels - Tricolite/Adlec/Sterling & wilson/C&S/Jackson/Milestone/Nithya/SPC/Risha/Neptune/Z eta	We would request you to approve for CPRI approved vendor for ease of coordination and faster deliveries. These CPRI approved vendors have supplied panels to Vijayawada airport project and Amaravati secretariate building projects recently. In the above panel enclosures, we will consider breakers and switchgears as per approved makes only.	Shall be as per tender
14	HVAC Works-List of approved makes - 98 - VAV	VAV makes - Trane/Trox/JCI/Caryaire/Belimo	We will supply Dynacraft VAVs with Belimo actuators, as Belimo VAVs are not available	shall be as per tender
15	HVAC Works-BOQ - 6 - Inline fans	Inline fans - Starter & cabling	We will consider 15Rmt of cabling for each Fan. Please confirm	shall be as per tender
16	HVAC Works-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 would request you consider 1440RPM/4pole as maximum fan speed for all axial fans	shall be as per tender
17	HVAC Works-List of approved makes - 23.0 - VRV/VRF	VRV/VRF makes - Carrier/Hitachi/Daikin/Ogeneral/Toshiba/Mitsubishi	We would 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, APCRDA-Amaravati secretariat bldgs B2 & B6 in 2016. We also supplied and installed our VRF system in many of the Public sectors applications, few of them are as below 1). NMDC, Hyd 2). CPWD, Vizag, AP 3). NTPC, Hyd	shall be as per tender
18	HVAC Works-BOQ - 9.1 - VRF ODU	VRF ODU capacities	Please clarify whether ODU capacities are at actual ambient conditions.	shall be as per tender
19	HVAC Works-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
20	HVAC Works-List of approved makes - 59 - Butterfly valves	Butterfly valves makes - Audco/Honeywell/L&T	We would request you to consider following additional make also. 1. Advance as the same is approved in this tender for NRV & Balancing valves	No change. As per tender conditions
21	HVAC Works-BOQ - 11.1 & 11.2 - Butterfly valves	Butterfly valves (manual) & Motorised Butterfly valves : with C I body SS disc	We would request you to approve for Ductile Iron(SG) disc as against SS disc, since same is used for similar chilled water applications also	shall be as per tender
22	HVAC Works-List of approved makes - 49 - Factory fabricated ducts	Factory fabricated ducting makes - Ductofab/Rolastar/Technofab	We would 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
23	HVAC Works-Specs-AC-Page-67- Duct work and outlets	Ducting with above 751 and above shall be with angle iron frames	We would request you to consider following type of flanges. 1. Upto 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
24	HVAC Works-List of approved makes - 52 - Grilles/Diffusers/Dampers	Grilles/Diffusers/Dampers makes - Ravistar/Caryaire/Mapro	We would request you to consider following additional makes also 1. Airmaster 2. Systemair	No change. As per tender conditions
25	HVAC Works-List of approved makes - 46 - Power & Control cables	Cable makes - CCI/Universal/Finolex/Rallison	We would request you to consider following additional make also 1. Polycab	No change. As per tender conditions
26	HVAC Works-List of approved makes - 47 - Cable tray	Cable tray makes - OBO/Legrand/Cooper/BEC	We would request you to consider following additional make also 1. Profab	No change. As per tender conditions

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
27	HVAC Works-General	-	Kindly provide the plant room drawings where the chillers will be installed. Also, please send the schematics and floor layouts for our review	Shall be as per tender drawings
28	-Civil works	-	All civil works such as suitable RCC/cement concrete foundation for major equipments will be paid in civil items	shall be as per tender conditions
29	-Power & Water	-	Please clarify - Power & water scope for Intallation, testing & commissioning	shall be as per tender conditions
30	-Taxes	-	We presume all taxes and duties (ED, CST, VAT & Service tax) to be considered as Nil. Only basic price to be quote. Please clarify	shall be as per tender conditions
	Bidder No.6			
Commercial (Guntur)				
1	Vol-I, Page 12-Vol - I, NIT Cl 1.9- Earnest Money	GUNTUR 1) EMD value is given as Rs.3.09 Cr in Clause 1.9 of NIT. 2) EMD value is given as Rs. 3.03 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.3.03 crore" . Please refer to Amendment No.1
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.	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.	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. 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. 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. As per tender conditions

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
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.	The contractor has to make own arrangement for labour stay. Land for batching plant will be provided at the site. 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.
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
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. 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. As per tender conditions
12	Vol II GCC, Schedule F, Cl 10CC- Page 111-Escalation	POL - 0%	We request to provide 5% for POL	No change. 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 Cement for works with estimate cost more than Rs 5 Lac as 3% plus/minus.	No change. As per tender conditions
14	Vol II GCC, Schedule F, CL 12.2, 12.3 & 12.5-Page 111-Deviation Limit	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 Deviation 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. 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. 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 discretion...	We request to provide interest free mobilization advance of 15% as single installment.	No change. 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. As per tender conditions

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
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
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.	No piling is envisaged at Guntur site
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. As per tender conditions
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. 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. 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. 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. 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. As per tender conditions
PHE (Guntur)				
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 diverter only can be fixed. Kindly confirm.	As per tender documents

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
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 PHASE -i	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
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 documents
32	--BOQ		Please provide us the Excel BOQ.	Tender documents in pdf form are available online.
	--			
HVAC (GUNTUR)				
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

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
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 thespecifiedcost 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 conditions
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
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.		
41	B.O.Q. - AC-6 to 12-Item No.5.0 VOL05BOQ-AIR HANDLING UNITS	> Floor Mounted Air Handling Units > TFA CUM HRW AIR HANDLING UNIT'S (AHU) - OUTDOOR, FLOOR MOUNTED	Please provide the Tonnage of all the air handling Units.	shall be as per tender
42	B.O.Q. - AC-27-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-28-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 (inclusive of all losses) at duty conditions.	The KW/TR should be less than 0.65 (inclusive of all losses) at duty conditions.	IKW/TR should be less than 0.65 at duty conditions

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
45	--	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 the 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	Standard design of manufacturer acceptable
46	--		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.	Standard design of manufacturer acceptable
	--		• AIIMS Trauma Center (250 TR x 1# + 800 TR x 1#)	
	--		• AIIMS CN (500 TR x 3#)	
	--		• AIIMS IRCH (250 TR x 2#)	
	--		• AIIMS Main Plant (500 TR x 6#)	
	--		• AIIMS, Jodhpur (750 TR # 5)	
47	--	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.	Yes. ASME stamped
	--			
ELECTRICAL (Guntur)				
	--			
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 documents
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
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

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
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 chatger condition) complete with all Accessories like insulators, clamps, bimetal connectors, M.S.support rack etc as per specifactions & 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 3 - 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 follwing quantities for our costing purpose. 1. Exhaust piping details 2. Fuel piping details.	DG Sets will be installed outside the ESS
9	-VOL05BOQ-SUBHEAD 3 - 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 3 - 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 3 - D.G. SETS SI No 3.1	Design, Manufacture, Supply, Unloading & shifting, Installation, testing, commissioning and alignment at site of Prime Duty continuous rated 4 stroke, Slient 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	BOQ calls for Prime duty continous 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 3 - D.G. SETS SI No 3.1	Design, Manufacture, Supply, Unloading & shifting, Installation, testing, commissioning and alignment at site of Prime Duty continuous rated 4 stroke, Slient 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 3 - D.G. SETS SI No 3.2	Design, Manufacture, Supply, Unloading & shifting, Installation, testing, commissioning and alignment at site of Prime Duty continuous rated 4 stroke, Slient 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 continous rated DG Sets. Please confirm whether we can consider Prime rated continuous duty DG Sets.	As per BOQ
14	-VOL05BOQ-SUBHEAD 3 - D.G. SETS SI No 3.2	Design, Manufacture, Supply, Unloading & shifting, Installation, testing, commissioning and alignment at site of Prime Duty continuous rated 4 stroke, Slient 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

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
15	-VOL05BOQ-SUBHEAD 3 - D.G. SETS SI No 3.1 & 3.2	Supplying and fixing of suitable sizes Heavy class MS pipe for DG exhaust complete with bends, elbow, flanges etc including silencer and catalytic converter 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 sets as 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 3 - D.G. SETS Under Ground Diesel Tank:	Design, supply, installation, testing & commissioning of 20 KL underground MS diesel tank including all related 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 ground diesel tank and day tank.	As per actual 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 confirm.	as per CPWD norms
19	-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
20	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS 12.1	Supply, installing, testing, storing & commissioning Crompton make LCDSPL-R-12-CDL, 12 W LED, Colour temprature-6500K surface mounted downlighter with high brightness LEDs, Ideally suited to give glare free light or equivalent as approved in the tender list of makes.	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	Equivalent model will be accepted
21	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS 12.2	Supply, installing, testing, storing & commissioning Crompton make LCDE-18-CDL, 18 W LED Colour temprature-6500 surface mounted downlighter with high brightness LEDs, Ideally suited to give glare free light or equivalent as approved in the tender list of makes.	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	Equivalent model will be accepted
22	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS 12.3	Supply, testing, storing & commissioning with 9W LED Mirror light Colour temprature-6500 as approved in the tender list of makes.	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	Equivalent model will be accepted
23	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS 12.4	Supply, installing, testing, storing & commissioning Crompton make LED tube light DMLN1LT8- 16+LTT8-16, 16 W LED Colour temprature-6500 wall/ surface mounted Tubelight or equivalent as approved in the tender list of makes.	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	Equivalent model will be accepted
24	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS 12.5	Supply, installing, testing, storing & commissioning of 11W LED Colour temprature-6500 wall bracket light fixture with Electronic ballast.	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	Equivalent model will be accepted

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
25	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS 12.6	Supply, installing, testing, storing & comisioning Crompton make LCDE-15-CDL, 15 W LED Colour temprature-6500 surface mounted downlighter with high brightness LEDs, Ideally suited to give glare free light or equivalent as approved in the tender list of makes.	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	Equivalent model will be accepted
26	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS 12.7	Supply, installing, testing, storing & commissioning of 10 W Bulk Head Light Colour temprature-6500 (Crompton make- LBHN-10-CDL) or equivalent as per tender makes.	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	Equivalent model will be accepted
27	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS 12.8	Supply, installing, testing, storing & commissioning of 50W LED Decorative Chandelier as approved by architect/PMC.	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	Equivalent model will be accepted
28	-VOL05BOQ-	Supply, installing, testing, storing & commissioning of 1 x 10 W wall Bracket (Philips 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	Equivalent model will be accepted
29	-VOL05BOQ-	Supply, installing, testing, storing & commissioning of 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	Equivalent model will be accepted
30	-VOL05BOQ-	Supply, installing, testing, storing & commissioning of 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	Equivalent model will be accepted
31	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS 10.1.1	Supply, installing, testing, storing & commissioning of 1x36W Recess Square LED Downlight Crompton make cat no-LCTLRN-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	Equivalent model will be accepted
32	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS 10.1.5	Supply, installing, testing, storing & commissioning of 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	Equivalent model will be accepted
33	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS 10.1.6	Supply, installing, testing, storing & commissioning of 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	Equivalent model will be accepted
34	-VOL05BOQ-	S u p p l y , i n s t a l l i n g , t e s t i n g , s t o r i n g & c o m m i s s i o n i n g o f 1 x 6 W B e d H e a d L E D l i g h t C r o m p t o n m a k e o r E q u i v a l e n t	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	Equivalent model will be accepted
35	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS 10.1.8	Supply, installing, testing, storing & commissioning of 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	Equivalent model will be accepted
36	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS 12.10	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, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable etc. as required 1200mm dia sweep 900 mm Dia Sweep	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	Equivalent model will be accepted
37	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS 12.11	Supply, installation, testing & commissioning of Propeller Fans of metallic body complete with fan speed regulator, gravity louvers & bird screen as per specifications 200 mm mm dia, single phase 300 mm mm dia, single phase	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	Equivalent model will be accepted

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
38	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS 12.11.4	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	Equivalent model will be accepted
39	-VOL05BOQ-SUBHEAD 10-LIGHT FIXTURES , FANS 12.11.5	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	Equivalent model will be accepted
40	-VOL05BOQ-SUBHEAD 13-LIGHTING CONTROLS 13.3	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.	Equivalent model will be accepted
41	-VOL05BOQ-SUBHEAD 16-EXTERNAL LIGHTING & FEEDER PILAR 16.2	Supply, Installation,testing & commissioning of 90 W LED lamp Roadway light similar to Cat no crompton greaves LSTN-90-CDL-A) or equivalent as per tender makes on 9 mtr. High GI double arm pole including Pole complete as required	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	Equivalent model will be accepted
42	-VOL05BOQ-SUBHEAD 16-EXTERNAL LIGHTING & FEEDER PILAR 16.3	Supply, Installation,testing & commissioning of 90 W LED lamp Roadway light similar to Cat no crompton greaves LSTN-90-CDL-A) or equivalent as per tender makes on 9 mtr. High GI single arm pole including Pole complete as required.	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	Equivalent model will be accepted
43	-VOL05BOQ-SUBHEAD 16-EXTERNAL LIGHTING & FEEDER PILAR 16.4	Supply, Installation,testing & commissioning of 60 W LED lamp Roadway light of similar to Cat no crompton greaves LSTP-60-CDL or equivalent as per tender makes on 6 mtr. High GI pole complete including Pole as required.	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	Equivalent model will be accepted
44	-VOL05BOQ-SUBHEAD 16-EXTERNAL LIGHTING & FEEDER PILAR 16.5	Supply, Installation,testing & commissioning of 45 W LED lamp Roadway light of(similar to Cat no crompton greaves LSTP-45-CDL) or equivalent as per tender makes on 6 mtr. High GI pole complete including Pole as required.	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	Equivalent model will be accepted
45	-VOL05BOQ-SUBHEAD 16-EXTERNAL LIGHTING & FEEDER PILAR 16.6	Supply, Installation,testing & commissioning of Post top lanterns of 40 W LED on 4 m high pole for entry gates (similar to Cat no crompton greaves LPTO-40-CDL/M) complete as required.	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	Equivalent model will be accepted
46	-VOL05BOQ-SUBHEAD 16-EXTERNAL LIGHTING & FEEDER PILAR 16.7	Supply, Installation,testing & commissioning of Bollard lights 10W 900mm High(similar to Cat no crompton greaves LBSL1-10-CDL) complete as required.	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	Equivalent model will be accepted
47	-VOL05BOQ-SUBHEAD 16-EXTERNAL LIGHTING & FEEDER PILAR 16.8	Supply, Installation,testing & commissioning of Bollard lights 10W 600mm High(similar to Cat no crompton greaves LBSL1-10-CDL) complete as required.	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	Equivalent model will be accepted
48	-VOL05BOQ-SUBHEAD 16-EXTERNAL LIGHTING & FEEDER PILAR 16.9	Crompton Greaves catalogue no. LSFO-C300-CDL-60 with 1x300w flood	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	Equivalent model will be accepted
49	-VOL05BOQ-SUBHEAD 24-LIFT SI No 24.3	2000 Kg.	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
50	-VOL05BOQ-LIST OF APPROVED MAKES FOR ELCTRICAL 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. As per tender conditions

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
51	-VOL05BOQ-LIST OF APPROVED MAKES FOR ELCTRICAL 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. As per tender conditions
52	-VOL05BOQ-LIST OF APPROVED MAKES FOR ELCTRICAL SYSTEM	Approved makes for Diesel Engine are Cummins/ Caterpillar/MTU/ Perkins- Sterling	Out of the approved makes specified, Sterling is an Orignal 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. As per tender conditions
53	-VOL05BOQ-LIST OF APPROVED MAKES FOR ELCTRICAL SYSTEM	Approved makes for Light fitting are Philips / 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. As per tender conditions
54	-VOL05BOQ-LIST OF APPROVED MAKES FOR ELCTRICAL 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 is acceptable
55	-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	BOQs 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 cotract. Please confirm.	As per BOQ
56	-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 / IS Specifications
Bidder No.7				
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	Couture 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 and 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.

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
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 be 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.
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.

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
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 Polycarbonate 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
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

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
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 "Kirloskar"	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, Suvridha, 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 Joints		Please add "Z-tech, Sandfill, Hercules" for expansion joint	No change in tender conditions
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/Nojda 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.3.03 crore" . Please refer to Amendment No.1
48	NOTICE INVITING BIDS (Pg. No9 Cl 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.

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
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 clearance 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 for 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.
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	GCC CI No:2(Pg. No 14)- COMPENSATION FOR DELAY	Compensation for delay of work @ 1.5 % of tendered value per month of delay to be computed on per day basis Provided always that the total amount of compensation for delay to be paid under this Condition shall not exceed 10% of the Tendered Value of work or of the Tendered Value of the item or group of items of work for which a separate period of completion is originally given.	We request you to amend the LD Clause as 0.5% of balance job value per month & the total LD to be restricted 5% of the balance job value.	No change. As per tender conditions.

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
58	GCC Cl No:7(Pg. No 14) Schedule F Pg. no 110-PAYMENT ON INTERMEDIATE CERTIFICATE TO BE REGARDED AS ADVANCES	1.In case of delay in payment of intermediate bills after 45 days of submission of bill by the contractor provided the bill submitted by the contractor found to be in order, a simple interest @ 7.5% per annum shall be paid to the contractor from the date of expiry of prescribed time limit which will be compounded on yearly basis. 2.10 crore	1. Considering the importance of the fast track project , cash flow will play an important role for successful completion of the project within the time schedule. Hence request you to consider the following PAYMENT TERMS to ease the cash flow. . a. 75% of the Invoice Amount to be release within 7 days of submission of the amount. b. Balance 25% to be released after 21 days of submission of the Bill. 2. We also request you to kindly waive of the minimum amount of submission for first two RA Bills & last two RA bills, to ease of cash flow of the project.	No change. As per tender conditions.
	Bidder No.8			
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 Crores	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.3.03 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.

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
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.
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.	kindly provide the drawing/detail of the fencing.	As per tender conditions.
11.	VOLUME – V BOQ, Item No 3.10	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.
12.	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.	As per tender conditions.
13.	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.
Electrical Points :				
1	List of approved makes - 1.0 - Centrifugal chilling units with VFD(ARI certified)	Carrier/Trane/York	We would request you to consider Voltas/Dunhambush make Centrifugal VFD chillers which is complying with specifications.	Shall be as per tender conditions
2	BOQ - 1.0 - Centrifugal chilling units with VFD(ARI certified)	Chillers quantity - 2Nos	As per drawings, Chillers #3 shown in drawing whereas in BOQ only #2 are quantified. Please clarify	shall be as per BOQ
3	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.	No change. Shall be as per tender conditions.
4	BOQ-2.0-Pumps	Primary CHW pumps - split casing end suction type Secondary CHW pumps - split casing type Condenser water pumps - end suction back pull out type vertical split casing	As BOQ description is bit confusing for type of pumps, we request you to reconfirm on type of pumps to be considered. We presume these pumps are to be with End suction back pullout type only as per tender Specs-AC-Page-49.	End suction back pullout, vertical split casing
5	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 conditions.
6	BOQ-2.2-Secondary pumps	OPD block - Secondary pumps capacity 1200gpm	As per drawings, Secondary pumps capacity for OPD block is mentioned with 1000gpm whereas in BOQ - 1200gpm is mentioned. Please clarify	shall be as per BOQ
7	BOQ-2.2-Secondary pumps	Ayush block - Secondary pumps capacity 500gpm	As per drawings, Secondary pumps capacity for Ayush block is mentioned with 400gpm whereas in BOQ - 500gpm is mentioned. Please clarify	shall be as per BOQ

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
8	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
9	BOQ-5.0-AHU	AHU alongwith 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 conditions
10	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
11	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	Shall be as per tender conditions
12	BOQ-D-21.0-Electrical	AC Panel & AHU-Electrical panel SLD	We would request you to provide the SLD for main MCC and other Electrical panels	Will be provided to the successful bidder for execution.
13	List of approved makes - 29 & 30.0 - Main AC Panel & AHU, Ventilation panels	Main AC Panel - L&T/ Siemens / ABB/ Schneider AHU & Vent panels - Tricolite/Adlec/Sterling & wilson/C&S/Jackson/Milestone/Nithya/SPC/Risha/Neptune/Z eta	We would request you to approve for CPRI approved vendor for ease of coordination and faster deliveries. These CPRI approved vendors have supplied panels to Vijayawada airport project and Amaravati secretariate building projects recently. In the above panel enclosures, we will consider breakers and switchgears as per approved makes only.	No change. Shall be as per tender conditions.
14	List of approved makes - 98 - VAV	VAV makes - Trane/Trox/JCI/Caryaire/Belimo	We will supply Dynacraft VAVs with Belimo actuators, as Belimo VAVs are not available	No change. Shall be as per tender conditions.
15	BOQ - 6 - Inline fans	Inline fans - Starter & cabling	We will consider 15Rmt of cabling for each Fan. Please confirm	No change. Shall be as per tender conditions.
16	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 would request you consider 1440RPM/4pole as maximum fan speed for all axial fans	No change. Shall be as per tender conditions.
17	List of approved makes - 23.0 - VRV/VRF	VRV/VRF makes - Carrier/Hitachi/Daikin/Ogeneral/Toshiba/Mitsubishi	We would request you to consider Voltas make VRF system which is complying with specifications.	No change. Shall be as per tender conditions.
18	BOQ - 9.1 - VRF ODUs	VRF ODU capacities	Please clarify whether ODU capacities are at actual ambient conditions.	Yes
19	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
20	List of approved makes - 59 - Butterfly valves	Butterfly valves makes - Audco/Honeywell/L&T	We would request you to consider following additional make also. 1. Advance as the same is approved in this tender for NRV & Balancing valves	No change. Shall be as per tender conditions.
21	BOQ - 16.11.1 & 11.2 - Butterfly valves	Butterfly valves (manual) & Motorised Butterfly valves : with C I body SS disc	We would request you to approve for Ductile Iron(SG) disc as against SS disc, since same is used for similar chilled water applications also	No change. Shall be as per tender conditions.
22	List of approved makes - 49 - Factory fabricated ducts	Factory fabricated ducting makes - Ductofab/Rolastar/Technofab	We would 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	No change. Shall be as per tender conditions.
23	Specs-AC-Page-67-Duct work and outlets	Ducting with above 751 and above shall be with angle iron frames	We would request you to consider following type of flanges. 1. Upto 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
24	List of approved makes - 52 - Grilles/Diffusers/Dampers	Grilles/Diffusers/Dampers makes - Ravistar/Caryaire/Mapro	We would request you to consider following additional makes also 1. Airmaster 2. Systemair	No change. Shall be as per tender conditions.
25	List of approved makes - 46 - Power & Control cables	Cable makes - CCI/Universal/Finolex/Rallison	We would request you to consider following additional make also 1. Polycab	No change. Shall be as per tender conditions.

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26	List of approved makes - 47 - Cable tray	Cable tray makes - OBO/Legrand/Cooper/BEC	We would request you to consider following additional make also 1. Profab	No change. Shall be as per tender conditions.
27	General	-	Please provide the plant room drawings where the chillers will be installed. Also, please send the schematics and floor layouts for our review	Shall be as per tender drawings.