

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, Nagpur (Maharashtra)”.

Tender No. HSCC/PMSSY/AIIMS/ Nagpur/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 mummy 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 mummy 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.2.94 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/Scheidler	S.No.66 Lifts/Dumb Waiters/Escalators – Approved Makes – Otis/Kone/ Mitsubishi/Scheidler/ 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 Civil Works Item No.3.04(h)	Amount – “ <i>Blank</i> ”	Amount – 1233097.40
Volume V Bill of Quantities PHE Works	Quantity -1688	Quantity – 1687.50

Clause Ref.	Existing Provision	May be read as
Item No.7.15(b)		
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.9.10(a)	Market Rate – 194444	Market Rate – 178888.40
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.10.16	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 1600 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 Nagpur
Tender No.HSCC/PMSSY/AIIMS/ Nagpur/R-OPD/2017 dated: 16.06.2017

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

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
	Bidder No.1			
1	COMMERCIAL		Space for site office, Store, Steel yard, stacking of material and labour hutment etc may please be providing to us at the worksite free of cost	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.
2			New taxes, duties & levies etc. coming into force after the date of submission of tender should be reimbursed to us as actual	No change. As per Tender Conditions
3			Increase in the existing taxes, levies & duties after the date of submission of tender should be reimbursed to us as actual	No change. As per Tender Conditions
4			Since the submission of tender is extensive and time consuming, we require some more time for getting the quotations, evaluate the tender & reach to a most competitive quote. In view of the same we request you to kindly extend the date of submission of tender for 2 weeks, i.e. up to 22-07-2017	No change. As per Tender Conditions
4	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.113.68 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). *“Similar Works” shall mean a Project comprising Construction of any multistoried RCC framed structure minimum Five storeys 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 installations, all executed under one composite agreement	We request you to kindly consider 3 projects having required value but please allow 1 project of ground +8 storied including internal water supply, sanitary and internal electrical, 1 project of G+16 storied with civil works except services and 1 project with ground +3 storied including internal water supply, sanitary and internal electrical work.	Please refer to Amendment No.1
	Bidder No.2			
1	Commercial		VAT Undertaking: Please clarify VAT undertaking is required once GST shall be implemented from 1 st July, 2017?	As per tender conditions
2			Reference cl. No. 1.28 page no. 16-17, PF / ESIC: Please issue Undertaking format	Already given as Form M in Vol I of the tender documents
3			Reference cl. No. 1.29 page no. 17, please issue CPWD Schedule F as it shall be part of tender documents	Already given in Volume II - GCC of the tender documents
4			NIT, Reference cl. no. 5, page no. 30, Tree cutting approval to be obtained by the authority, however expense towards tree cutting shall be borne by the Contractor	No change. As per tender conditions
5			Ref. : GCC, Cl. No. 1A, Security Deposit, 5% deducted Security deposit shall be released on submission of equal amount of BG	Please refer to GCC Clause 1A of the tender Documents
6			Ref. : SCC, Cl. No. 4., Scope of work, please broadly explain the term “their maintenance during Defects Liability Period”	As per tender document
7			Ref. : SCC Clause 8(a) Page no.8 In case of discrepancy between GCC, SCC, GFC drawings, specification, BoQ item description, addendum(if any) , please provide the order of precedence of documents	Please refer to GCC Section 1 - Conditions of Contract - Clause 8.1 of the tender documents
9	CIVIL		Refer BoQ Item No.5.07(a) We will consider 5mm thick float glass instead of 5.5mm ,as the same mentioned in BOQ is not produced by any of Glass manufacturer in India	Work shall be executed as per BOQ item and provisions of tender
10			9. Refer BoQ Item No.5.24(a) Please provide separate quantity for single and double shutter as the rate for both shall differ	Work shall be carried out as per BOQ and tender conditions.
11			10. Refer BoQ Item No.10.01(a) Please provided the base rate for 30mm thick white sand stone	Work shall be carried out as per BOQ and tender conditions.

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply	
12			11. Door, Window ,Ventilation & Partition Please provide the Schedule of Door, Window, Ventilation, Glazing etc. for Nursing Hostel Male & Female, PG Hostel Male, Female & Married, UG Hostel Male & Female, Residential Quarters Type 2 & 3, Guest House	Work shall be carried out as per BOQ and tender conditions.	
13			12. Refer BOQ Item No. 10.08 & Drg No. HSCC/NAGPUR/T-3/002 - GRC Jali Please provide details like size, pattern design, color and drawing	Work shall be carried out as per BOQ and tender conditions.	
14			13. Ref Drg No. HSCC/NAGPUR/PGMR/001 - Stone Jali Please provide BOQ Item, Details and Specification	Work shall be carried out as per BOQ and tender conditions.	
15			14. Ref Drg No. HSCC/D&E/AHMS-NAGPUR/TD/NH-M/ST-101 - Nurses Hostel Male The sizes of Column mentioned in the Column Schedule and mentioned in the Column Layout Plan is not matching. Please revise the Column Schedule	Please refer tender drawings	
16			15. Refer BoQ Item No.10.04 Please provide the Grade of SS for Cramps for Stone Cladding	SS-304	
17			16. Expansion Joint Please provide the Location of Expansion Joint in Drawings	Work shall be carried out as per Tender Conditions	
18	Plumbing and Fire Fighting Work		1. Please specify where to use lower end CP and Sanitary fixtures as described in approved make list.	As per BoQ item	
19			2. Model no of CP & Sanitary fixtures provided in BOQ are not pertaining to DSR-16.	As per tender	
20			3. Item No 3.22 to 3.28 are of Stainless steel 304 pipe & Fittings, details of the same is not provided in plumbing drawings.	Shop drawing of specialized agency will be approved by HSCC	
21			4. Connection details of Cast Iron Pipe to UPVC Pipe is not provided in plumbing drawings.		
22			5. Provide legend details of S.S.-1 to S.S.-5 which is shown in external services drawing.		
23				In Firefighting work BOQ there are items of CI LA Class Pipe & Fittings, provide details in the drawing.	Fire fighting yard hydrant line in ground will be DI as per tender item
24	HVAC Work		Please specify chiller technical specifications as in BOQ given Hermetic/Semi hermetic/Screw Chiller which needs to be consider out of this, please clarify.	Shall be as per tender	
25			Please provide plant room schematic drawing layout for chilled water distribution and condenser water circuit along with plant room detail in AutoCAD format.	Tender drawings are available	
26			As per BOQ there are two chillers of 500 TR (2 working), whereas in technical specifications there are 3 chillers (2w+1s) should we quote rates for standby chiller also, please clarify.	As per BOQ	
27			In Refer BOQ Item 4 for AHU, there is no specifications given for dual coil option for heating/cooling, where as in Volume 4 - technical specifications, point No 6 for system design in Refer Item no 6.4 for hot generator has been mentioned should we consider dual coil or not ,please also provide coil details for AHU.(Please Clarify)	Shall be as per tender	
28				Please provide all floor HVAC layout and schematic drawings in AutoCAD format.	Soft copy of tender drawings in pdf format already uploaded
29				As per given approved make list there are mentioned HVAC Contractors for said works ,whereas we have also completed HVAC jobs by our in-house team, Please approve the same or provide PQ criteria for HVAC work.	Shall be as per tender
30				Please approve DAIKIN-MCQUAY Make for Centrifugal Chiller with VFD.	Shall be as per tender
31				Please approve AIRFLOW make for Tube Axial Fans, Centrifugal Fans & Inline Ventilation Fans	Shall be as per tender
32	Lift Work		Please approve JOHNSON make Passenger and Service Elevator	"Johnson" make is acceptable. Please refer Amendment No.1	
33	BMS Work		Please approve TRANE make for BMS System	No change	
	Bidder No.3				
1	General - Tender Submission Date	07.07.2017 upto 15:00 hrs	As this is a Composite Work involving MEP works we request to extend the Bid Submission date to 21.07.2017	No change. As per tender conditions.	
2	General - Land for Batching Plant		We request your to provide land for batching plant within the site	Land for batching plant will be provided at the site.	
3	General - Land for Labour colony		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. Space for other construction activity/infrastructure may be provided at site depending upon the availability of space. However, the Contractor will have no claim in case of non-availability of space.	

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
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 off the Minimum bill value clause for the 1st and last three RA bills	No change. As per tender conditions.
6	GCC, Page-29 - Final bill	Payments of those items of the bill in respect of which there is no dispute and of items in dispute, for quantities and rates as approved 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 of delay in 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 - Basic Price		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 - Site Visit		Please provide the Contact No. of the Concerned Person for Site Visit purpose	Shri Vikas Agarwal - 8794752718
9	General - Site layout		Please provide the site layout dawing.	Tender drawings are available
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.
TECHNICAL QUERIES				
11	Reinforcement steel	Reinforcement steel	Please confirm, Authorized Laps, chairs and spacer bars are measured for payment.	Measurement shall be done as per CPWD specifications
12	M Sand	RMC	M sand is allowed for concrete/RMC items.	Work shall be carried out as per CPWD specifications and tender conditions
Bidder No.4				
TECHNICAL QUERIES - CIIVL				
1	Volume 6 - Tender Drawing	Master Layout for Site	Please provide the Master Layout of Site for over all Planning, Site Set up & Scope understanding.	Tender drawings are available.
2	Volume 5 - Bill of Quantity		Please provide BOQ in "EXCEL" format for estimation purpose.	Softcopy of BOQ in pdf format is already uploaded
3	Site Set up		Please confirm whether batching plant, cement store & Site office can be set up inside plot premises.	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	Site Set up		Please confirm whether labour hutment can be set up inside plot premises.	The contractor has to make own arrangement for labour stay.
5	BOQ Item No 3.12, 3.13 & 3.14	Expansion Joint Work	Please provide detail drawing, make & approved vendors for expansion joint work.	Work shall be carried out as per BOQ and Tender conditions
6	BOQ Item No 7.03 & 7.04	Marble Flooring	Please provide basic rate of Marble stone.	Work shall be carried out as per BOQ and Tender conditions
7	BOQ Item No 7.05	Granite Flooring	Please provide basic rate of Granite stone.	Work shall be carried out as per BOQ and Tender conditions
8	BOQ Item No 7.06 & 7.07	Kota Flooring	Please provide basic rate of Kota stone.	Work shall be carried out as per BOQ and Tender conditions
9	BOQ Item No 7.10 & 7.11	Ceramic Tile Flooring & wall Dado	Please provide basic rate of Ceramic Tile.	Work shall be carried out as per BOQ and Tender conditions
10	BOQ Item No 7.12 & 7.13	Vitrified Tile Flooring & Skirting	Please provide basic rate of Vitrified Tile.	Work shall be carried out as per BOQ and Tender conditions
11	SCC Cl. 32.6	Site Office & Infrastructure	Please confirm number of staff from client side for client Site office & infrastructure	shall be as per project requirement.
12	Tender Submission Date	07.07.2017 upto 15:00	We request to extend bid submission date by 2 weeks.	No change. As per tender conditions
13				
14		HVAC		
15	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
16	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
17	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
18	HVAC Specification Page No.57 Clause 3.0, Point f. and HVAC Specification Page No.60 Clause 6.0, Point g.	The speed if the fans shall not exceed 960rpm for fans with impeller dia above 1000mm and 1440rpm for fans with impeller dia 1000mm and less.	Fan Capacity (CFM)/ Static Pressure/ noise level/Efficiency/running Kw are most important parametrs 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
19	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 confirming to IS: 2074 or superior, over which two cots 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
20	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

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
21	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
22	BOQ 5.3	Total efficiency of fans not mentioned	The BOQ or the technical specifications do not mention the minimum total efficiency for axial fans. For cost saving purpose when the fans are in running condition, the minimum efficiency of axial fans shall be 70%.	shall be as per tender
23	BOQ 5.3	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
24	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
25	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
26	HVAC List of Make Sr No 10. & 14 Carrier/Caryaire/ Bluestar/ZECO/Voltas/VTS Flaktwood/Waves/Edgtech	AIR HANDLING UNIT /FAN COIL UNIT	We request you to please add "Unique" make AHU and FCU in your approved list of make. However we are already supplying our AHU's and FCU's in (PMSSY) Medical College Hospital SSB Block (HSCC) projects.	shall be as per tender
27	BOQ Item no 7 (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
28	Drawing	Chiller Plant room	Chiller plant room drawing /Location details is required.	As per tender drawing
29		Chilled Water schematic drawing	chilled water schematic drawing is required .	As per tender drawing
30	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
31	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.	1) shall be as per tender 2) TSP
32	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.	1) shall be as per tender 2) TSP
33	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
34	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
35	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
36	BOQ item no 1.2: Plant Manager	Cabling & Conduit	As per the BOQ description the plant manager shall be with cabling & conduiting. We request you to provide the size and quantity of cables & conduits to be considered.	shall be as per tender
37	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
38	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
39	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
40	BOQ item no 3: Cooling Tower	Cooling Tower Location	Please confirm the location of the cooling tower.	Terrace

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
41	BOQ item no 3: Cooling Tower	Foundation works for Cooling Tower	As per the BOQ suitable RCC/cement concrete foundation to be considered for the cooling tower. However as per the specifications pg no 48 & 49 the cooling tower shall be installed on MS girders fixed in masonry foundations with cement concrete footing or the cooling tower may be installed on terrace with structural foundation. Please clarify.	shall be as per tender
42	BOQ item no 4 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
43	BOQ item no 4 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
			If 2 tier to be considered, please confirm the sections to be considered in top tier.	Filter section
44	BOQ item no 4 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
			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
45	BOQ item no 4 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
46	BOQ item no 4 Air Handling Units	Outer Skin	As per the specifications it is mentioned that the outer skin shall be with 0.8mm thick pre-coated CRC sheet. We shall consider 0.8mm thick pre-coated GI sheet as per the manufacturer standard.	acceptable
47	BOQ item no 4 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
48	BOQ item no 4.3: 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
49	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 (2w+1s) chiller GPM
50	BOQ item no 9: 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
51	BOQ item no 10.3: 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
52	BOQ item no 14.1: 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 duct
53	BOQ item no 14.1&14.2: GSS & AI Ducting	Flanges	We seek your approval to consider TDF flanges	TDF in GSS only
54	BOQ item no 15.1.2: Fire Damper Actuator	Actuator Torque	Please provide the actuator torque rating to be considered.	as per requirement
55	General	Mention Schedule of Equipment in BOQ	Please provide Schedule of equipment	as per BOQ
56	BOQ item no 1.0	Chiller	As per BOQ 2 nos working chiller qty given but as per specification 2W + 1S, please confirm	as per BOQ
	ELECTRICAL			
57	BOQ Item No 1.3.1	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
58		Type of construction	CSS & Transformer will be Indoor/Outdoor Please confirm.	compact sub-station will be installed outside
59		Transformer	What is the Type of Tapping On load/Off Load. Discrepancy in Specification & BOQ	As per BOQ
60	SUB HEAD 5- RISING MAINS	Type of Bus bar	Aluminium/copper bus bar Please confirm.	as per BOQ
61		End Feed Units	Switchgear in EFU will be ACB/MCCB Please confirm & also please confirm TP/FP.	as per BOQ / specification
62		Tap Off Boxes	MCCB should be TP/FP Please confirm.	as per BOQ / specification
63	BOQ Item No 3.0	Discrepancy in Specification & BOQ	Request you to kindly confirm HT cable is Earthed/Un Earthed.	it is a earthed system
64	BOQ sub head - 06	Type of Panel	Please confirm all panels TTA type(Totally Type Tested) or can we consider CPRI Tested Panels.	as per BOQ / specification
65		MCCB Type	Shall we consider up to 250A Thermal magnetic & above 250A Micro processor Type Kindly Confirm.	as per BOQ / specification
66	SUBHEAD 6 - Cable Termination	Termination	Shall we consider Single Compression glands for all LT Termination?	as per BOQ / specification
67		LT CABLES FRLS property	Shall we consider FRLS property for both inner & outer sheath?	as per BOQ / specification
68	SUB HEAD-7 CABLE TRAYS	Discrepancy in Specification & BOQ for thickness	Trays thickness shall be 1.6/2mm Please confirm.	as per CPWD specification
69	SUB HEAD 9 - 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 / specification
70			can we consider PVC conduit for concealed & open/surface MS conduit?	as per BOQ / specification

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
71	Makes			
72	Bus duct/Rising main		Please consider C&S Make also in approved Makes.	No change
73	HT/LT cables		Please consider KEI&POLYCAB Makes also in approved Makes.	No change
74	GENERAL		Required detailed single line diagram (SLD)	SLD will be given to successful bidder
75	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 / specification
76	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 / specification
77	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 / specification
78	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.	as per list of approved makes
79	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
80	Vol 05 Page 110- Section 2.5 -	Supply, Installation, testing & commissioning of 33KV HT panel	Kindly Confirm Incoming HT voltage	as per BoQ
81	Approved Makes	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
82	Approved Makes	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
83	BOQ Item no. 1.1.4	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 / specification
84	BOQ Item No. 2.2	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 / specification
85	DG	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
86	DG	Exhaust pipes	The exhaust pipes quantity will vary according to the layout, kindly share the layout of the DG area.	DG will be installed outside the ESS
87	DG	50 mm thick compressed mineral wool, with 24 SWG Aluminium Sheet Cladding	There is difference between spec & BOQ, kindly clarify.	as per BOQ
88	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
89	DG	Acoustic enclosure to maintain 75 dB at 1 meter distance @ 75% load, from all directions	As per CPCB norms for DG's above 800 kW the Acoustic enclosure will be provided for 25 dbA insertion loss @ 1 meter distance, please confirm	As per latest CPCB norms
90	DG	Sound pressure level at 1 meter distance to be less than 75 dB	As per CPCB norms for DG's above 800 kW the Acoustic enclosure will be provided for 25 dbA insertion loss @ 1 meter distance, please confirm	As per latest CPCB norms
91	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 installed outside the ESS
92	Section 2.8 / 4.0	Auto Synchronization	Kindly share the DG System SLD to arrive at the number of DG's to be Synchronozined	can be checked from BoQ
93	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 / specification
94	Section 2.11 / 4.1	Pipe Thickness	For exhaust pipes MS ERW pipes of 4.85 mm tickness will suffice, please advise.	as per BOQ / CPWD specification
95	BOQ item no.4.1.1 & 4.1.2	Rising Main	Kindly confirm the size of Aluminum earth strip	as per BOQ / CPWD specification
96	BOQ item no.4.1.1 & 4.2.1	Rising Main	End feeder Unit kA is lesser than Raising main kA, please confirm shall we quote with Raising main kA	as per BOQ
97	BOQ Item No. 10.9	Wiring	Control wiring for Master Switch shall we consider 3R X 1.5 sq.mm , please confirm	as per CPWD specification
PHE AND FIRE FIGHTING				
98	PHE - 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
99	PHE - 3.18	Providing and fixing enclosed type water meter (bulk type) conforming to IS : 2373 and tested by municipal board complete with bolts,nuts rubber, inserions etc. (the tail plases if required will be paid seperatly)	Please provide Make	as per tender
100	PHE - 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
101	PHE - 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

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
102	PHE - 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
103	PHE - 3.02	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. INTERNAL WORK - EXPOSED ON WALL	Pls specify for above 50mm which schedule to be used ? Sch 40 or Sch 80	as per tender
104	PHE - 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
105	PHE - 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
106	PHE - 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
107	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
108	General	STP ETP	Please provide inlet and outlet parameter.	as per tender
109	Fire Fighting - 1.43; 1.44	Providing and fixing complete CO2 flooding system of approved make and model for main LT panel including two nos. 22 kg seamless cylinder required quantity of MS seamless pipe, manifold, NRV, high pressure flexible hose, weighing arrangement, pneumatic valve, CO2 nozzles including painting and MS support.The size of main LT panel will be as per Electrical scope of work. The shop drawing/datasheet of CO2 flooding system shall be provided by Agency for approval of HSCC before start of the work. The CO2 flooding panel shall also meet out the local Fire Officers latest requirement and anything extra or any modification required by Fire Officer shall be carried out by Agency without any extra cost.	Please confirm the room size	as per approved shop drawing
110	Fire Fighting - 1.45	Suppression System	Please confirm the room size	as per approved shop drawing
111	Fire Fighting - 1.48	Providing and Fixing 15 mm dia gunmetal / brass quartzoid type Sprinkler Head with quartz bulb and set to operate at specified temperature.	Please confirm K factor	as per tender
COMMERCIAL				
112	Notice inviting Bids - Clause No. 1.3 - Table 1 & Notice Inviting tender Clause No. 1.9	Bid Security	EMD in the form of Bank Gurantee amounting 2.94 crore to be submitted. Please confirm	The value of EMD in Clause 1.9 may be read as "Rs.2.94 crore" . Please refer to Amendment No.1
113	Clause No. 2 - compensation for Delay	the Maximum amount of Compensation for delay shall not exceed 10% of tender Value	We request you to limit the Delay damages up to 5% of contract value	No change. As per tender conditions
114	SCC - Cl. 14.1 - Approval Required		Please confirm that all the Pre and post construction clearance/statutory approvals from government authorities are in contractor scope.	As per tender conditions
115	SCC - Cl. 14.1 - Approval Required		All Statutory fees for Pre & post construction approvals shall be reimbursed to the contractor. Please confirm.	As per tender conditions
116	Notice Inviting Bids Point 1.9	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.	We kindly request you to provide Client bank name, branch address and IFSC code for preparation of Earnest Money Deposit in form of BG as it is mandatory requirement from our bank and as per RBI guidelines.	Bid Security Amount : Rs.2.94 crore Current Account No.2726001800000011 RTGS Code :PUNB0272600 Bank : Punjab National Bank Branch : Sector 27, NOIDA
117	GCC Cl 2- Page.14 - Security Deposit	Security Deposit	We request to consider Bank Guarantee against Security deposit instead of cash retention.	Please refer to Clause 1A of GCC (Volume II)
118	GCC Cl 10B - Page 30 - Mobilisation advance	The mobilization advance and plant and machinery advance 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 interest free mobilisation advance.	No change. As per tender conditions
119	GCC Cl 25 - Settlement of disputes and Arbitration	Disputes to be addressed to Appealing Authority and later to Dispute Redressal committee. If DRC fails to give decision dispute shall be referred to a sole Arbitrator appointed by Engineer Incharge.	We request you that, arbitration shall be applicable in accordance with the Arbitration & Conciliation Act, 1996	No change. As per tender conditions
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

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
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 07.07.2017 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 to 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.	
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 be 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 Vikas Agarwal - 8794752718
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
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 - Cl 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. 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.
14	Maintenance in DLP - Cl 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.	as per tender conditions

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
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
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.	No change. As per tender conditions
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 HSSC.	No change. As per tender conditions

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
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
27	GENERAL			
28		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.
29		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.
30		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.
31	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.
32	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
33	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
34	Volume-IV, CI 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
35	GRIHA - Volume-III, CI 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
36	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.	as per tender conditions
	Technical Civil			
37		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.
38		BOQ	Request to provide the Bill of quantities in excel format for cost working.	BOQ in pdf form is already uploaded
39		Drawings	Please provide the Foundation drawings of each building	Tender drawings have already been uploaded
40		Drawings	Request to provide master plan & road layout drawings	Tender drawings have already been uploaded
41	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 specification and tender conditions
42	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 specification and tender conditions
43	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 specification and tender conditions
44	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.	needful done. See enclosure
45	Civil Works - Volume-V, BOQ, Item No-3.05	Linac Slab Thickness	As per our previous experinace minimum 2.4m thickness slab is required for Linac slabs where as you have given only 0.6m thickness. Please clarify	It is mentioned 0.6 mtr and above. Kindly quote your rate as per required thickness
46	Civil Works - Volume-V,BOQ Sec 5	Doors & windows with Hardware fittings	Please provide the drawing details for Doors & windows schedule	as per tender drawing
47	Civil Works - Volume-V, BOQ, Item No-4.02	AAC Blcoks	Kindly provide the approve Make for AAC block.	as per tender conditions
48	Civil Works - Volume-V,BOQ Item No. 7.20	Chequered Terrazo tiles	Please provide approved vendors for chequered terrazo tiles	as per tender conditions
49	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

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
50	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
51	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
52	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
53	Civil Works - Volume V,BOQ Item No. 7.14	Acid and alkali resistant tile	Please provide the size since the rate depends on size of tile.	as per tender conditions
54	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
55	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
56	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
57	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
58	Civil Works - Volume-V, BOQ	Aluminium & Structural Glazing works	Please provide the approved fabricators for Alumnium works & Structural Glazing works	as per tender conditions
59	PHE Works - Sec. 2 & 7	G.I. Pipes	Please provide the class of G.I. Pipes	Class- B
60	PHE WORKS - Volume-V, BOQ	Total mistakes in the following items: 9,10 (a) 10 sub total 11.07 amount	Total mistakes in the following items of "Estimated cost" needs to be corrected.	Please refer to Amendment No.1
HVAC WORKS				
61	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 drawing
62	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
63	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
64	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 pull out, vertical split casing
65	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
66	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
67	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
68	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
69	BOQ-4.0-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
70	BOQ-4.0-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
71	BOQ-D-20.0-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 successful bidder

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
72	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 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
73	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
74	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
75	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	shall be as per tender
76	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
77	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
78	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	shall be as per tender
79	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	
80	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	shall be as per tender
81	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 drawing
82	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
83	Power & Water	-	Please clarify - Power & water scope for Intallation, testing & commissioning	shall be as per tender
84	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
	Bidder No.6			
1	Vol 3, SCC, Scope of contract, pg. 13	The surveyed plan & master layout plan along with the Geotechnical Investigation are available and will be made available to finally selected contractor.	we request you to provide kindly share following: a. The Master layout plan for site infra structure planning. B . Geotechnical report to understand water table depth & type of strata. C. Contour plan	Tender drawings are already uploaded. 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	Vol-5 BOQ ,item no. 3.04 h	Vertical and horizontal fins individually or forming box louvers band, facias and eaves boards	Amount is not added in total	Please see amendment No.1
3	Vol-5 BOQ ,item no. 5.40 , 5.41	UPVC Windows	Please provide drawing for UPVC windows.	as per tender drawing
4	General	Details	1. Approved make for AAC block . 2. Structural drawings with diamansion/sizes of RCC wall, slab Framing plan of OPD building Radiation block.	As per tender conditions As per tender drawing

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
5	Vol-5 BOQ ,item no. 10.08	<p>Proving 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.</p> <p>Technical specification of GRC Screens.</p> <p>Internal member thickness 30 mm and border thickness 50 mm</p> <p>Dry Density: 1800 kg/m3 (min)</p> <p>Water absorption: Less than 6% of dry weight by immersion over a period of 24 hours.</p> <p>Compressive strength: (M-40 Grade)</p> <p>Wet Transverse Strength: 7 N/mm (min)</p> <p>Abrasion Resistance: Less than 2.0 for E.H.D</p> <p>Thermal Conductivity: 1.63 W/MK at 3% moisture content</p> <p>: 1.80W/MK at 5% moisture content</p>	Please provide drawing for GRC .	work shall be carried out as per BoQ item and tender provisions
6	Vol 5, BOQ		We request you to provide Soft Copy of Estimate/Bill of Quantities for ease of estimation.	Soft copy of BOQ in pdf format is already available
7	General		Please provide drawings for doors & Windows	work shall be carried out as per BoQ item and tender provisions
8	Vol 6, Drawing		Please provide all architectural & structural drawing in autocad format	Tender drawings are already uploaded in pdf format.
9	Vol-5 BOQ , item no. 7.16 , 7.23 ,7.24 Item no. 10.18 to 10.26	<p>7.16 : Wooden flooring</p> <p>7.23 : pure wool cut/loop pile carpet</p> <p>7.24a : raised/false access flooring</p> <p>10.18 to 10.26 : Signages</p>	Please provide approved make	as per tender condition
10	Vol 3 ,SCC, Delay in starting the work , pg.35	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.	If delay beyond 3 months for starting the work, we shall be suitably compensated for time and cost.	No change. As per tender conditions
11	Vol 3 ,SCC , Contractrs Temporary structures.pg.41	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 land for labour camp within site premises.	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.
12	Vol 3 ,SCC , Site office &Infrastructure, 32.6 .pg.32	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.	<p>a)Please provide layout drawing & area requirement.</p> <p>b)Please provide details of site office area to be provided along with furniture details.</p> <p>c) Also specify no of computers/ printers, telephone with STD facility, Fax Machine, internet to be provided to Client.</p>	as per tender condition
13	Vol 3 ,SCC , Separate Bank Account, 39 .pg.34	The contractor shall open a bank account specifically for this contract. The mobilization advance given to the contractor shall be deposited in this account only. The details of this account shall be made available to the Executing agency. The contractor shall draw from this account the expenses for the purpose of procurement of materials, machineries, tools & plants and shuttering required for the said work only.	We understand that Separate account is for depositing mobilisation advance only.	as per tender condition
14	Vol 3 ,SCC , Environment Clearance .pg.55	Environment Clearance	We request you that all permissions & cost towards Environment Clearance is in Client's scope.	as per tender condition
15	Vol 2, GCC, Interest & Recovery, pg.33	The mobilization advance and plant and machinery advance, 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 Interest free Mobilization advance & Plant and machinery Advance shall be payable to us.	as per tender condition
16	Vol 2, GCC, Contractor to Indemnify Govt Gainst Patent Rights.cl.26, pg.58	The contractor shall fully indemnify and keep indemnified the Executing Agency against any action, claim or proceeding relating to infringement or use of any patent or design or any alleged patent or design rights and shall pay any royalties which may be payable in respect of any article or part thereof included in the contract.	We presume that Contractor is not responsible toward any issue arising due to Design & Drawing and royalty to be paid. Design & Drawing is Client's responsibility. Kindly Confirm.	as per tender condition
17	Vol 1, NIT , Clause 1.9, Pg. 12	<p>Earnest Money Deposit</p> <p>Bid shall be accompanied with Earnest money of Rs. 2.94 Cr. 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.</p>	<p>Bankers have initiated for Bank Guarantee confirmation through Structured Financial Messaging System (SFMS). As per Latest RBI Guidelines regarding Bank Guarantee, it is mandatory to advise Bank Guarantee through Electronic Mode, so we require Beneficiary Details in every case of BG Issuance or BG Renewal. Please provide the bank details-</p> <ol style="list-style-type: none"> 1. Beneficiary Bank account Name 2. Beneficiary Bank account Number 3. Name of Bank & Address 4. Branch Code 5. Bank IFSC Code 	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
18	Vol 3, SCC, Disruption of Progress,6 (b), pg. 8	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 cost compensation for any delay in work by reasons of any failure or inability of Consultant which are not attributable to Contractor.	No change. As per tender conditions
19	Vol 3, SCC, Cutting of tree, pg. 27	Permission of cutting of trees if required will be obtained by Contractor.	Premission for cutting of trees shall be taken by client.	No change. As per tender conditions
20	Vol 3 ,SCC, , pg. 60	Preserve and protect landscape during construction.	Please provide following details : 1. No. of trees to be preserved . 2. tree location on project layout plan.	as per tender condition
21	Site Visit		Please provide site address & contact person for site visit	Shri Vikas Agarwal - 8794752718
22	Vol 3 ,SCC, Variation, 20c, pg. 26	The contractor shall make no such variations without an order in writing by the Executing Agency, provided that no order in writing shall be required for increase up to 30% or decrease in the quantity of any work where such increase or decrease is not the result of an order given under this Clause, but is the result of the quantities exceeding or being less than those stated in the schedule of items.	We request you to consider the quantity variation limit up to +/- 20%	No change. As per tender conditions
23		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.
24		Conture Map	We request you to provide the conture map of the project along with EGL & Finish level of building plinth so as to understand the cutting & filling involved in the package.	Work shall be executed as per BOQ and tender conditions.
24		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 available.
25	General	Autocad Drawings	We request you to kindly provide us the structural drawing (In Auto Cad / pdf Format).	Tender drawings in pdf format are already available
26	General	UPVC Windows & doors	Request you to kindly provide the drawings since it is specialized work or request you to provide the sizes .	as per tender drawing
26	General	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.
27	BOQ Item No:3.2 Use of cement	NOTE- (1) Cement content considered in this item is @ 330 kg/cum.Excess/ less cement used as per design mix is payable/ recoverable separately.* (2) Fly ash conforming to grade I of IS 3812 (Part-1) only be used as part replacement of OPC as per IS : 456. Uniform blending with cement to be ensured in accordance with clauses 5.2 and 5.2.1 of IS:456 -2000 in the items of BMC and RMC.	1.We presume 330kg/cum is cementious content including flyash. Kindly confirm. 2. Since , OPC plus Fly Ash is permitted to be used for the construction work , we presume PPC shall also be allowed to used in the execution of works. Please confirm. Also, kindly provide the Base Price for PPC , to be used in the Calculation for Escalation under Cl. 10 CA.	as per CPWD specification / tender condition
28	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.	drawing enclosed , please
29	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 Fe500D or more As per CPWD specification
30	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 drawing
31	BOQ Item No:5.55-Automatic sliding Doors	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 specification mentioned in BoQ
32	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 specification mentioned in BoQ

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
33	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 specification mentioned in BoQ
34	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 specification mentioned in BoQ
35	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. As per tender conditions
36	Technical specification- Approved Make list- OPC 43	ACC, Ultratech, Vikram, Shree Cement, Ambuja, Jaypee Cement, Century Cement & J.K.Cement	Kindly add "Penna, Ramco," cement also in the list	No change. As per tender conditions
37	Technical specification- Approved Make list- RCC	SAIL, RINL, TISCO	Kindly add " JSW & JSPL , also in the list since JSW & JSPL are Primary Producers also.	No change. As per tender conditions
38	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. As per tender conditions
39	Technical specification- Approved Make list- Ceramic Tiles /Glazed Tiles	Kajaria, Somany, Naveen	Kindly add RAK	No change. As per tender conditions
40	Technical specification- Approved Make list- RMC	ACC, Ultratech, L&T, Lafarge	Kindly add IJM,ACC	No change. As per tender conditions
41	Technical specification- Approved Make list- Shuttering ply	Greenply, Kitply, Merino, Duro, Century	Kindly add Punjab Ply Industries, Black Cobra brand	No change. As per tender conditions
42	Technical specification- Approved Make list- Flush doors shutter	Greenply, Duro, Kitply, Century	Kindly add "Black Cobra / Kitply "	No change. As per tender conditions
43	Technical specification- Approved Make list- Laminate	Greenlam, Merino, Formica, Kitply, Century	Kindly add Associate, virgo	No change. As per tender conditions
44	Technical specification- Approved Make list- Float Glass	Saint Gobain, Asahi, Pilkington, Glaverbel, Modi Guard	Kindly add Hindustan National Glass (HNG)	No change. As per tender conditions
45	Technical specification- Approved Make list- Metal ceiling/Grid Ceiling	Armstrong, Durlum, Saint Gobain	Kindly add New Age	No change. As per tender conditions
46	Technical specification- Approved Make list- Aluminum	Hindalco, Jindal, Indal	Kindly add Bhuruka	No change. As per tender conditions
47	Technical specification- Approved Make list-Epoxy flooring	Fosroc, BASF, STP, Sika, Dr Beck	Kindly add Cipy polyurethane	No change. As per tender conditions
48	Technical specification- Approved Make list-PU unit	Fosroc, Pidilite, Cico, BASF, Sika, Berger, Nerolac	Kindly add Asian paints	No change. As per tender conditions
49	Technical specification- Approved Make list- DG set		Kindly add "Powerica LTD as supplier"	No change. As per tender conditions
50	Technical specification- Approved Make list- Bus ducts / Raising mains	L & T , ABB , Siemens, Schmedier, GE, Legrand	Kindly add "c & s"	No change. As per tender conditions
51	Technical specification- Approved Make list- 11KV VCB panel Board / RMU	Siemens, L & T , ABB , Schneider	Kindly consider "Local Panel Builders"	No change. As per tender conditions
52	Technical specification- Approved Make list- Transformer	ABB, GE, Schneider, Alstom	Kindly add "Kirloskar"	No change. As per tender conditions
53	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 tender conditions
54	Technical specification- Approved Make list	Supreme, Prince, Finolex, AKG	Kindly add " Nelco, VIP "	No change. As per tender conditions
55	Technical specification- Approved Make list- Fire detection System - Adresseable	Honeywell-Notifier, Edward, Bosch, Siemens	Kindly add " Ravel, Secutron "	No change. As per tender conditions
56	Technical specification- Approved Make list- GI /MS pipes Heavy class	Jindal-Hissar, Tata, Surya-Prakash	Kindly add " Jindal-Star "	No change. As per tender conditions
57	Technical specification- Approved Make list- HVAC sub contractor	Voltas, Bluestar, Suvidha, Unique Engineers, ETA, Sterling & Wilson	Kindly add " M/s VKBS "	No change. As per tender conditions
58	Technical specification- Approved Make list- Power cable/control cable	Honeywell-Notifier, Edward, Bosch, Siemens	Kindly consider as per Electrical approved make list"	No change. As per tender conditions

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
59	Technical specification- Approved Make list- Butterfly valve	Audco, L & T, Honeywell	Kindly add " Zoloto "	No change. As per tender conditions
60	Technical specification- Approved Make list- UPVC window	Finesta or Equivalent	Kindly add " Kommerling or Equivalent"	No change. As per tender conditions
61	Technical specification- Approved Make list- Elevator-Elevator	OTIS , KONE , SCHINDLER , MITSUBISHI	Kindly add " Johnson"	Johnson can be approved. Please refer to Amendment No.1
62	Technical specification- Approved Make list	Gerflor , Tarkett , Armstrong	Armstrong has stopped the Flooring Wing. Hence , kindly remove the same and add POLYFLOR	No change. As per tender conditions
63	Technical specification- Approved Make list- PVC Flooring	As approved by Engineer In Charge	Please add "Builtech , UAL , Inspira or Equivalent.	No change. As per tender conditions
64	Approved Makes-Expansion Joint		Please add "Z-tech, Sandfill , Hercules " for Expansion joint	No change. As per tender conditions
65	NOTICE INVITING e-TENDER,PG NO:-9 (CI NO 1.3) & PG NO:-12 (CI No 1.9)-Bid Security	2.94Crores. Bid shall be accompanied with Earnest money of Rs. 3.09 Crores in shape of demand draft of a scheduled bank issued in favor of "HSCC (India) Limited" Payable at New Delhi/Noida or fixed deposit receipt or Banker's cheque or Bank Guarantee in favor of "HSCC (India) Limited" as per Form B, having validity for six months or more from the last date of receipt of tenders or any extension thereof.	Please confirm the correct Bid Security to be submitted along with the bid.	The value of EMD in Clause 1.9 may be read as "Rs.2.94 crore" . Please refer to Amendment No.1
66	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. As per tender conditions
67	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
68	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
69	SPECIFIC CONDITIONS OF CONTRACT (SCC) CL No:31.8 (Pg. No 27)-Cutting of Trees	Permission of cutting of trees if required will be obtained by Contractor.	Cutting of trees is related to the environment issues and hence any permission fo the same may please be taken by HSCC. Please confirm.	No change. As per tender conditions
70	SPECIFIC CONDITIONS OF CONTRACT (SCC) CL No:31.10iv (Pg. No 28)-Water and 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.	Contractor has to make their own arrangement for the electricity and water requirement.
71	SPECIFIC CONDITIONS OF CONTRACT (SCC) CL No:32.3 (Pg. No:31)- Contractor's Temporary Structure	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. 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.
72	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
73	SPECIFIC CONDITIONS OF CONTRACT (SCC) CL No:20 (Pg. No:17)-Variation	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
74	Schedule F (Pg. No 109) CL No 2(ix)Milestone		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
75	GCC Cl 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
76	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
77	General	Electrical	Kindly request you to provide • Main schematic diagram required • External Lighting and routing drawing required • Electrical setting out plan required	will be provided to successful bidder for execution
78	General	HVAC	Kindly request you to provide • Plant room drawing required • Chilled water line raiser drawing required • HVAC setting out plan required • Section detail drawing for all equipment's, chilled water lines and ducts required.	will be provided to successful bidder for execution
79	General	Fire Fighting	Kindly request you to provide • Fire fighting setting out plan required • Pump room detail drawing required	Fire fighting tender drawing are available
80			We request you to kindly provide us the contact details of the concerned person for the same.	Shri Vikas Agarwal - 8794752718
81	NOTICE INVITING BIDS (Pg. No9 Cl No:1.3)-Date of submission	07.07.2017 up to 15:00 hr	You would appreciate that the work involves many specialized items for which we have to collect the rates from respective vendors/agencies/suppliers. Hence we request you to kindly extend the due date of bid submission at least by 21 days i.e. up to 31st July 2017.	No change. As per tender conditions
	Bidder No.7			
	Commercial			
1	Vol - I, NIT Cl 1.9 - Earnest Money	NAGPUR 1) EMD value is given as Rs.3.09 Cr in Clause 1.9 of NIT. 2) EMD value is given as Rs. 2.94 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.2.94 crore" . Please refer to Amendment No.1
2	Vol III, SCC, Cl 4.1.1 - Approval required	The Contractor shall obtain all pre & post construction clearances/approvals from Municipal and other relevant statutory authorities/local bodies including Water supply agencies concerned, Electric Supply and inspectorate. Agencies concerned, such as, but not limited to, Police and Security Agencies, Chief Controller of Explosives, Fire Department, Civil Aviation Department, concerned in accordance to prevailing rules, Building Bye-Laws, tree cutting etc., as the case may be with related to/ required for Construction/Completion.	Since, this being the item rate contract all the approvals / clearance like Construction permit, MOEF, Civil Aviation and Occupancy certificate are part of Client scope. The contractor shall responsible only for construction related approvals.	No change. As per tender conditions
3	Page 22 - Rate / Prices	The quoted rates/prices for the items shall be complete in all respect including all labour, material, plant and machinery, tools and tackles, batching plant for RCC work including water & electricity, all taxes including GST/Service Tax duties ...	Since this is health project we presume Service tax shall be Reimbursed at actuals to the contractor. Please confirm.	No change. 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) - page 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. 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.	Contractor has to make their own arrangement for the electricity and water requirement.
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 Deviatin 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 discretino...	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
19	GENERAL			
20	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.	Soft copy of BOQ in pdf format is already available
21	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.	Bidder is advised to visit site to acquaint himself with the site condition, water supply and surroundings and collect all information that will be necessary for preparing the bid.
22	Vol I 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 Nagpur Project
23	Vol I 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	As per tender conditions
24	Vol I 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 duartion in 18 months .	No change. As per tender conditions

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
25	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
26		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
27	NIT - Submission online	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
28		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				
29	PHE BOQ - 3.33 - Water supply	Providing and fixing concealed bath shower & mixer	Kindly provide us the model number. Also we understand that either mixer or divertor only can be fixed. Kindly confirm.	As per tender documents
30	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 be 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
31	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)		
32		Equalisation tank Electrical & mechanical Works , excluding civil works (Set-1)		
33	STP		Kindly provide us the technical specification for STP.	As per tender documents
34	BOQ		Please provide us the Excel BOQ.	Tender documents in pdf form are available online.
HVAC				
35	General		Please provide the drawings in AUTOCAD Form.	Tender documents in pdf form are available online.
36	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
37	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
38	SCC - P-51 - Clause No. 13.2 VOL03SCC (C) SPECIFIC CONDITIONS OF CONTRACT RELATING TO HVAC SYSTEM - Final Performance and Capacity Test	In addition to the above testing, final performance and capacity tests shall be carried out on the equipment as per the "Testing Schedules" during the defects liability period as follows: a. Peak summer/ monsoon test during the period from 15th may to 31st July. The installations should be able to maintain the specified cost of electricity, manpower, and fuel etc will have to be arranged & paid by the contractor.	Testing shall be done once prior to Commissioning. Please Confirm.	shall be as per tender conditions

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
39	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
40	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
41	B.O.Q. - AC-1 - 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
42		f. 1 No.- ASME stamped matching shell and tube flooded type chiller of M.S. shell and integrally finned copper tubes with marine boxes. Maximum head loss 5 m water head.		shall be as per tender
43	B.O.Q. - AC-5 to 8 - Item No.4.0 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
44	B.O.Q. - AC-19 - Item No.13.0 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
45	B.O.Q. - AC-20 - Item No.15.1.2 VOL05BOQ - Fire Dampers Actuator		Please confirm the Torque of actuators of Fire damper.	To suit duty as per tender
46		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.	IKV/TR should be less than 0.65 at duty condition
47		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 is acceptable
			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 is 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)	
			• AIIMS Trauma Center (250 TR x 1# + 800 TR x 1#)	
			• AIIMS CN (500 TR x 3#)	
48		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			
49	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 conditions
50	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. The civil works will be paid separately under Civil Items
51	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 successful bidder for execution

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
52	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.	Substation layout will be prepared by the Contractor
53	Tender BOQ		Tender BOQ is available in pdf format only. Request you to kindly share the BOQ in excel format for our working purpose.	Soft copy of BOQ in pdf format is already available
54	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 unit rates are not provided. Request you to kindly furnish the same.	Prices are inclusive in PSS
55	Tender BOQ - SUBHEAD 2 - D.G. SETS	There are 1 Nos 11KV 2250 KVA and 1 Nos 11KV 1000 KVA DG Sets mentioned in the tender document	Drawings related to DG Set and associated works are not available in the tender document. Request you to kindly share the follwing quantities for our costing purpose. 1. Exhaust piping details 2. Fuel piping details.	DG sets will be installed outside the ESS
56	VOL 05 BOQ - SUBHEAD 2 - D.G. SETS	There are 1 Nos 11KV 2250 KVA and 1 Nos 11KV 1000 KVA DG Sets mentioned in the tender document	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
57	VOL 05 BOQ - SUBHEAD 2 - D.G. SETS	There are 1 Nos 11KV 2250 KVA and 1 Nos 11KV 1000 KVA DG Sets mentioned in the tender document	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
58	VOL 05 BOQ - SUBHEAD 2 - D.G. SETS SI No 2.1	Design, Manufacture, Supply, Unloading & shifting, Installation, testing, commissioning and alignment at site of Prime Duty continuous rated 4 stroke, 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
59	VOL 05 BOQ - SUBHEAD 2 - D.G. SETS SI No 2.1	Design, Manufacture, Supply, Unloading & shifting, Installation, testing, commissioning and alignment at site of Prime Duty continuous rated 4 stroke, 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 continous 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

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
60	VOL 05 BOQ - SUBHEAD 2 - D.G. SETS SI No 2.2	Design, Manufacture, Supply, Unloading & shifting, Installation, testing, commissioning and alignment at site of Prime Duty continuous rated 4 stroke, 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 continuous rated DG Sets. Please confirm whether we can consider Prime rated continuous duty DG Sets.	As per BOQ
61	VOL 05 BOQ - SUBHEAD 2 - D.G. SETS SI No 2.2	Design, Manufacture, Supply, Unloading & shifting, Installation, testing, commissioning and alignment at site of Prime Duty continuous rated 4 stroke, 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 amand the rates.	As per BOQ
62	VOL 05 BOQ - SUBHEAD 2 - D.G. SETS SI No 2.1 & 2.2	Supplying and fixing of suitable sizes Heavy class MS pipe for DG exhaust complete with bends, elbow, flanges etc including silencer and catalytic convertor exhaust pipe chimney 30 meter high or as per CPCB norms for exhaust of DG sets including foundation of chimney , fixing of LED Aviation light inculding its wiring , lighting arrestor including copper strips and earthing (2 strip per light aresstor and two earth pits with cooper plate earthing) etc. & supporting structure for each DG sestsas per pollution control board norms and as required.	Engines offered by the Approved Makes comply to latest CPCB Emission Norms and hence Catalytic Convertors are not being offered by the approved Engine OEA's. Hence Offered DG Sets shall be provided without catalytic Converter. Please confirm	As per latest CPCB norms/Manufacturers standard practice
63	VOL 05 BOQ - SUBHEAD 2 - D.G. SETS Under Ground Diesel Tank:	Design, supply, installation, testing & commisioning of 20 KL underground MS diesel tank including all realted civil works foundation, fencing, platform, for unloading of diesel . Flame proof push buttons, pumps (one working & one standby) for supplying of diesel from this UG tank to day tanks of all the DG sets complete with cabling, earthing, piping, float switches etc.Extinguishers shall be as per fire norms. including all necessary approvals from chief controller of explosives.	Request you to kindly specify the distance to be considered between under ground diesel tank and day tank.	As per acutal site conditions
64	VOL 05 BOQ - 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
65	VOL 05 BOQ - Cable laying	Laying of one number PVC insulated and PVC sheathed/XLPE power cable of 11KV grade of following size direct in ground including excavation, sand cushioning, protective covering & refilling the trench etc as required.	We presume that depth of the excavation shall be as per CPWD DSR / DAR for HT cable laying. Please cofirm.	As per CPWD Norms

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
66	VOL 05 BOQ - SUBHEAD 5- BUS DUCTING & RISING MAIN	Supplying, Installation, including suspension testing, commissioning of following Sandwich bus trunking with aluminium bus bars having current density of 130A/sq. cm at nominal current rating in 1.6mm thick, IP 65 sheet steel enclosure with Aluminium canopy in convenient sections for use on, 3phase, 4 wire, 415V, 50Hz, A.C. supply including jointing of sections, flexible connections, expansion joints, bends, Terminal flange ends and earthing with 2 runs of galvanised iron strips, suspenders, angle iron bracket, steel fasteners, connecting to earthing system etc as required. Note- for outdoor installation canopy will be mounted on bus duct for protection. Canopy Fabricated out of 1.2mm GI/CRCA powder painted 5.1.1 3200A 5.1.1 2000A 5.1.2 1000A 5.1.3 1600A	Request you to kindly specify the number of bends, end terminations to be considered for Busducts of each rating	As per actual requirements of the site
67	VOL 05 BOQ - 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
68	VOL 05 BOQ - SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.1	1x16W Wall / Surface mounted LED Tube light Crompton make cat no-DMLN1LT8-16+LTT8-16 Or Equivalent	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
69	VOL 05 BOQ - SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.2	1x12W Surface mounted LED Downlight Crompton make cat no-LCDSPL-R-12-CDL or Equivalent	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
70	VOL 05 BOQ - SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.3	1x16W Wall mounted mirror / Bracket LED light Crompton make cat no-DMLN1LT8-16+LTT8-16 Or Equivalent	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
71	VOL 05 BOQ - SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.4	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	Technically equivalent model will be accepted.
72	VOL 05 BOQ - SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.5	1x80W Decorative LED light ceiling mounted Crompton make cat no-LCNR-80-CDL or Equivalent	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
73	VOL 05 BOQ - SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.6	1 x 10W LED Bulk head Light- (IP65) Crompton make cat no-LBHN-10-CDL or Equivalent	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
74	VOL 05 BOQ - SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.7	1x40W Surface mounted LED Tube light Crompton make cat no-LCB1-40-CDL or Equivalent	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
75	SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.8	1x15W recess mounted LED Downlight Crompton make cat no-LCDE-15-CDL or Equivalent	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
76	SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.9	1x9W recess mounted LED Downlight Crompton make cat no-LCDE-09-CDL or Equivalent	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
77	SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.10	2x36W CFL Clean room fixture recess downlight Crompton make cat no-CRFW12236EB(255) or Equivalent	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
78	SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.11	1x18W recess mounted LED Downlight Crompton make cat no-LCDE-18-CDL or Equivalent	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
79	SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.12	1x40W suspended LED Downlight Crompton make Cat no-LCB1-40-CDL or Equivalent	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.

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80	SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.13	LED Strip Light- 20W/M Crompton make Cat no-LST20WW or Equivalent	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
81	SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.14	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	Technically equivalent model will be accepted.
82	SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.15	1X40 LED Recess mounted down light fixture (Crompton Greaves Prakhar LCDNR-40-CDL or approved equivalent)	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
83	SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS	1x40W Surface mounted LED light Crompton make cat no-LCTLSN-40-CDL or Equivalent	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
84	SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.5	1x24W Recess Square LED Downlight Crompton make cat no-LCTLRN-24-FO-CDL or Equivalent	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
85	SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.6	1x40W Surface mounted LED Tube light Crompton make cat no-LCB1-40-CDL or Equivalent	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
86	SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.7	1 x 6W Bed Head LED light Crompton make or Equivalent	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
87	SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.8	LED Strip Light- 20W/M Crompton make Cat no-LST20WW or Equivalent	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
88	SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.16	Wall mounted 6' dia Exhaust fan (Equivalent to Crompton greaves Brisk Air 6') with automatic louvers (Fan shall have ISI marking & shall be BEE 5 star rated)	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
89	SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.17	Wall mounted 10' dia (Equivalent to Crompton greaves Brisk Air 10') with automatic louvers (Fan shall have ISI marking & shall be BEE 5 star rated)	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
90	SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.18	48" Ceiling suspended ISI mark BEE 5 star rated Fan equivalent to Crompton greaves model no HS plus 48' Ivory. (Supply Installation, testing and commissioning of ceiling fan,	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
91	SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.1.19	36" Ceiling suspended ISI mark BEE 5 star rated Fan equivalent to Crompton greaves model no HS plus 36' Ivory. (Installation, testing and commissioning of ceiling fan,	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
92	SUBHEAD 10-LIGHT FIXTURES , FANS & LIGHTING CONTROLS 10.4	Supply Installation testing and commissioning of Bed Head panel frame - TYPE-A1 as per Each the drawing and complete with provision of installing 2 # 6/16 A sockets+Switch, 4 # 6 A socket+switch, RJ11port, RJ485, Medi gas outlet's Holder.complete with mounting accessories as per the layout.	Request you to kindly specify the approved makes for bed head panels.	As per BOQ
93	SUBHEAD 13-EXTERNAL LIGHTING & FEEDER PILLARS 13.1.3 4	4 Mtr High Octagonal tapering hot dip Galvanized decorative Pole with 40W LED streetlight (similar to Cat no crompton greaves LPTO-40-CDL)	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
94	SUBHEAD 13-EXTERNAL LIGHTING & FEEDER PILLARS 13.1.3 5	4 Mtr High circular tapering hot dip Galvanized Pole with 40W streetlight (similar to Cat no crompton greaves LPTO-40-CDL)	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
95	SUBHEAD 13-EXTERNAL LIGHTING & FEEDER PILLARS 13.1.3 6	9 Mtr High circular tapering hot dip Galvanized Pole with 90W streetlight with single arm (similar to Cat no crompton greaves LSTN-90-CDL-A)	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
96	SUBHEAD 13-EXTERNAL LIGHTING & FEEDER PILLARS 13.1.3 7	6 Mtr High circular tapering hot dip Galvanized Pole with 60W streetlight with single arm (similar to Cat no crompton greaves LSTP-60-CDL)	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
97	SUBHEAD 13-EXTERNAL LIGHTING & FEEDER PILLARS 13.1.3 8	9 Mtr High circular tapering hot dip Galvanized Pole with 90W streetlight with double arm (similar to Cat no crompton greaves LSTN-90-CDL-A)	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
98	SUBHEAD 13-EXTERNAL LIGHTING & FEEDER PILLARS 13.1.3 9	6 Mtr High circular tapering hot dip Galvanized Pole with 60W streetlight with double arm (similar to Cat no crompton greaves LSTP-60-CDL)	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
99	SUBHEAD 13-EXTERNAL LIGHTING & FEEDER PILLARS 13.1.3 10	Post top lanterns for entry gates (similar to Cat no crompton greaves LPTO-40-CDL/M)	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.

S.No.	Specification / BOQ / Make List Ref.	Description in Tender/ as per Tender	Bidders Queries	Reply
100	SUBHEAD 13-EXTERNAL LIGHTING & FEEDER PILLARS 13.1.3 11	Bollard lights 10W 900mm High(similar to Cat no crompton greaves LBSL1-10-CDL)	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
101	SUBHEAD 13-EXTERNAL LIGHTING & FEEDER PILLARS 13.1.3 12	Bollard lights 10W 600mm High(similar to Cat no crompton greaves LBSL1-10-CDL)	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
102	SUBHEAD 13-EXTERNAL LIGHTING & FEEDER PILLARS 13.1.3 13	2.5 Mtr High circular tapering hot dip Galvanized Pole with 45W streetlight (similar to Cat no crompton greaves LSTP-45-CDL)	Aesthetic finish may vary from model to model. Hence, request you to kindly specify the model number for this line item from each of the approved makes	Technically equivalent model will be accepted.
103	SUBHEAD 18-LIFT S1 No 18.2	2000 Kg, 0.5 mps SE-1 TO SE-2	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
104	LIST OF APPROVED MAKES FOR ELECTRICAL SYSTEM	Approved makes for 11 KV VCB Panel Board/ RMU Packaged Type Sub-Station are Siemens/ L&T/ABB/Schneider	Please confirm whether we can consider authorized system integrators of Siemens/ L&T/ABB/Schneider for VCB Panel Board/ RMU Packaged Type Sub-Station	No change. Shall be as per tender conditions
105	LIST OF APPROVED MAKES FOR ELECTRICAL SYSTEM	Approved makes for Main LT Panel/ APFC panels /Main AC panel are Siemens/ L&T/ABB/Schneider Approved make for MV panels/Fire panel/AHU Panel are Tricolite/Adlec./Sterling &Wilson / Control & Switchgear/Nitya Electro Control Pvt. Ltd. /SPC Electro Tech Limited or equivalent as approved by HSCC	Please confirm whether we can consider authorized system integrators of Siemens/ L&T/ABB/Schneider (Tricolite/Adlec./Sterling &Wilson / Control & Switchgear/Nitya Electro Control Pvt. Ltd. /SPC Electro Tech Limited or equivalent as approved by HSCC) for Main LT Panel/ APFC panels /Main AC panel.	No change. Shall be as per tender conditions
106	LIST OF APPROVED MAKES FOR ELECTRICAL SYSTEM	Approved makes for Diesel Engine are Cummins/ Caterpillar/MTU/ Perkins- Sterling	Out of the approved makes specified, Sterling is an Original equipment assembler for DG Sets and rest of the Makes specified are Engine Manufacturers. We presume that any authorized DG assemblers offering diesel Engine of approved makes like Cummins/ Caterpillar/MTU/ Perkins can be considered for this project. Please confirm.	No change. Shall be as per tender conditions
107	LIST OF APPROVED MAKES FOR ELECTRICAL 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. Shall be as per tender conditions
108	LIST OF APPROVED MAKES FOR ELECTRICAL SYSTEM	Approved makes for Lifts/ Dumb Waiters/Escalators are Otis /Kone/ Mitsubishi/ Scheindler	Request you to kindly include make "Johnson" in the list of approved makes for Lifts/ Dumb Waiters/Escalators	Johnson make can be accpeted. Please refer to Amendment No.1
109	-	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 contract. Please confirm.	As per BOQ
110	VOL04TECHSPECS - ELECTRICAL WORKS	Technical specification	Specification for 11KV transformers, HT Panel, HT cables, Packaged substations etc are not available in the tender document. Request you to kindly furnish the same.	As per CPWD specifications/IS Specifications
Bidder No.8				
1		SCC Clause 4.1.1 Page 5	We request you to reimburse the fees payable to departments for approval	No change. Shall be as per tender conditions
2			GST will be applicalbe from 1st July 2017. To understand GST, we request to extend the bid submission date by 15 days	No change. Shall be as per tender conditions