

HSCC/PMSSY/GOA/2017

Dated 03.11.2017

All Bidders

AMENDMENT-1

Subject: **Tender for** Construction of Super Specialty Block at Goa Medical College, Bambolim (GOA) and their maintenance during Defects Liability Period

Dear Sir,

This has reference to the pre bid meeting held on 26.10.2017 at 15:00 hrs at HSCC corporate office Noida for the captioned subject works,

Please find enclosed Annexure-I & II pertains to clarifications of pre bid queries & other clarifications as AMENDMENT-1/ CLARIFICATION-1, which shall be treated as a part of tender **to be submitted online duly signed & stamp along with tender.**

Other all terms & conditions of tender shall remain unchanged.

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

Thanking you,

Chief General Manager (Projects)
HSCC (India) Limited

Name of Work: Construction of Super Speciality Block at Goa Medical College, Bambolim - GOA under Pradhan Mantri Swasthya Suraksha Yojana (PMSSY-III)				
Sl. No.	Reference	Tender Provision	Bidders Queries	Reply
Electrical				
1	EST-E 1_R04 & EST-E2_R04 1.01	Sub Head -1 HT SUB STATION	The Communication protocol is not mentioned for numerical relay, Whether its is required or not. Please confirm/ clarify.	Not required .
2		INCOMER		
3		1 Set of Microcontroller based numerical relay having 4 element relay (30/C+1E/F). Relay should have and trip history.		
4		Digital frequency meter, Digital Tri vector meter., Digital power factor meter.	Digital frequency, tri-vector & power factor shall be a part of MFM meter only. So no need separate individual meter , Kindly confirm/clarify	All compound as mention should be provided at one place or other .
5		Over-voltage and under voltage relay.	Over-voltage and under voltage shall be a part of Main numerical relay. So no need separate individual relay , Kindly confirm/clarify	All compound as mention should be provided at one place or other .
6	EST-E 6_R04 1.15 & 1.16	Perforated M.S. & Ladder Type Cable Trays	Whether we have included the cost of support like angle/ M.S.12mm rod in cable trays items. or same shall be payable/ covered against BOQ item no 1.14 (Providing ,fixing of MS angle "C" channel.....) Kindly clarify/confirm..	yes
7		Sub Head -3: DG SETS & ACCESSORIES	Request to clarify the exhaust pipe support structure, whether it is Self supporting Structure, or along with wall/ shaft, Please confirm.	As per actual Site Condition .
8	EST-E 13_R04 3.01	1250KVA DG SETS		
9		Exhaust pipe/ Chimney		
10	EST-E 14_R04 3.02	Synchronizing-Cum-AMF Panels for 2 Nos DG sets		
11	EST-E 16_R04 F	DG Protection and AMF Component	We would like to inform you, that the protection relays specified in the BOQ are inbuilt feature of DG set Synchronizing Controller, Request to confirm / clarify, whether we have considered separate protection relays as given in the BOQ.	All compound shall present .
12	EST-E 17_R04 4	Sub Head -4: RISING MAINS	The manufacturer of MCCBs does not provide separate fault indication for O/L,S/C,E/F, They confirm that only trip indication will be provided in MCCB. Request to clarify/ confirm.,	Accepted .
13	EST-E 18_R04 4.02 i) & ii)	Separate fault indication for O/L,S/C,&E/F to be provided on panel door for all Microprocessor base outgoing MCCBs		
14	EST-E 37_R04 9	Sub Head -9: Lighting Fixtures & Fans	Please note, BEE-5 Star rated is not available for 1400MM sweep, only ISI marks available, Request to clarify/ confirm.	ISI mark may be accepted.
15	EST-E 38_R04 9.03	Ceiling Fans		
16	i)	1400MM Sweep Ceiling Fan		
17	EST-E 56_R04 to EST-E 58_R04 17	SUB HEAD 17 : LIFTS	Request to furnish the shaft size & total travel height of Lifts. Kindly clarify/confirm.	As per Arch Draing / As per CPWD Specifications.
18	EST-E 57_R04 17.01(i)	26 Passenger Floors :LG+ G+8 (10 stops & 10 openings) Speed -1 MPS		
19	EST-E 58_R04 17.02 (i)	20 Passenger Floors :LG+ G+8 (10 stops & 10 openings) Speed - 1.5 MPS		
20	EST-E 58_R04 (ii)	20 Passenger Floors : G+8 (9 stops & 9 openings) Speed - 1.5 MPS		
21	EST-E 58_R04 17.03	Dumb Waiter 250Kg Floors : G+8 (9 stops & 9 openings) Speed - 1.5 MPS		
22		Volume-IV- Technical Specification		
23	SPEC Page E-5 R0 3.1 GENERAL:	VCB's shall conform to IEC 298 and 694 IS 3427, BS 5227 and VDE 0670, part 6 as well as the regulations	The approved vendor shall comply with IEC 62271-100-200 & Internal arc tested for 25KA/ 0.1 sec. Kindly confirm/clarify.	As per Standard Manufacturing Practice by OEM.
24	SPEC Page E-5 R0 3.1 GENERAL:	Vacuum Bottle of VCB should be of same make as of VCB.	The make of Vacuum interrupter(Bottle) shall be as per Type test design, Kindly confirm/clarify.	As per Standard Manufacturing Practice by OEM.
25	SPEC Page E-8 R0 3.3.7	11KV Vacuum Circuit Breaker Panel Board	As per BOQ The VCB rated for 33KV system, whereas in the specification of VCB call for 11KV system. Request to furnish the specification for 33KV VCB.	As per BOQ for 33KV or standard CPWD Specifications.
26	SPEC Page E-60 R0 9	Bus Trunking / Rising Mains	As per manufacturer standard The rated insulation voltage will be 1000Volt instead of 1.1 KV, Can be considered 1000Volt in place of	As per Standard Manufacturing Practice . It will be 1.0 KV
27	SPEC Page E-60 R0 9.4	Insulation Voltage 1100V		
28		9.9 The Bus duct shall be suitable for 12KV Impulse voltage.	For 12KV Impulse voltage, Can be considered 8KV in place of 12 KV, Please confirm	Impulse voltage as per 12 Kv or as per standard .

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29	SPEC Page E-19 R0 5	Capacitor Panel		
30	SPEC Page E-19 R0 5.05	The capacitor shall generally conform to IS: 13585:1994 and IEC 60931:2002 General specification: three phase, delta connected, 50 Hz. i. Voltage: Must be designed to with stand system over voltage, increased voltage due to series reactor and harmonics. It should be rated for 525V for 14% detuned reactor. The KVAR of Capacitor banks should be increased proportionately for combination of Capacitor + reactor. ii. Capacitor type: The capacitor unit shall be Heavy Duty MPP resin filled , copper wound type. The dielectric should be made of polypropylene. Capacitor Impregnation shall be Oil Type. Capacitor should be fitted with safety device for each capacitor units. The capacitor should be low loss type (total losses should not exceed 0.45 W/ KVAR). vi. Peak inrush current withstand: 400 x In	i) IEC 60931 is for APP type Capacitors and below mentioned it is written MPP and in BOQ also, Please clarify. ii) 55 Deg Ambeint max in case of MPP Type and capacitors are not with oil filled it is resined filled, Please clarify. iii) As per above two points, we understand that MPP type capacitors are to be used with 55 Deg Ambient max in place of 70 deg as mentioned in the specification, please confirm.	As per BOQ temp will be as per standard manufacturing practice of OEM.
31	SPEC Page E-20 R0 5.05		Peah inrush current varies manufacturer to manufacturer, it shall be as per manufacturer standard, Please Confirm.	As per Standard Manufacturing Practice by OEM.
32	SPEC Page E-20 R0 5.05	5.06 SWITCHGEAR & PROTECTION: Power cable used shall have superior mechanical, electrical and thermal properties. Internal wiring between main bus bars, contactor, capacitor etc shall be made with 3300 volt grade PVC insulated FRLS copper conductor of appropriate size by using suitable copper crimping terminal ends etc suitable bus links for input supply cable termination shall be provided.	The system voltage is 440 Volts, 1.1KV grade is enough and is as per standard, Please confirm.	The System voltage is 440V ,1.1 KV may be accepted .
33	SPEC Page E-21 R0 5.07	5.07 TESTS AT AMNUFACTURER'S WORKS: All routine and type tests as per IS:2834 relevant to capacitor bank s as amended upto date shall be carried out at manufacturer's works and test certificates to be submitted to HSCC.	Only routine test can be carried out at Manufacturer Works, We will provide only type test certificates, Please Confirm.	Routine test will be carried out.
34	List of Approved Makes for IT Works	Queue Management System	Request to furnish the List of Approved make for Queue Management System.	As per tender condition.
35	SPEC Page-156			
36	SPEC Page E-194 R0 & 198 R0 3 & 63	1) Capacitor - Epcos, Schenider,L&T,Ducati. 2) APFC Panel - ABB	We request you to give approval of ABB Make Capacitor banls & APCR relay. Since ABB make panel is already approved, Please Confirm.	ABB make apacitor and APFCR also be accepted .
37	SPEC Page E-203 R0 42	Solar Power System - TATA Power Solar,CEL,BHEL,BEL oe equivalent as approved by HSCC	The approved makes M/S CEL, BEL, BHEL are manufacturing only Solar PV module & not doing Trunkey project, So we request you to give approval for any MNRE approved, Please Confirm.	MNER certification for last 10 years can provide solar photovoltaic
38	SPEC Page-156, 7	U/FTP Components(Passive devices for LAN)- Cat 6A U/FTP, Wall Plate 1 Port/2 Port, Power Cat6A DataGate Jack, Cat 6A Patch Cord S/FTP,GANG Box, 24 Port Patch Panel CAT-6A	Please include AMP which is under systimax/commscope brand.	As per tender condition.
39	SPEC Page-156, 8	Optical Fibre Cable components (Passive devices for LAN)- 12 port MM/SM SC LIU Fibre Panel, SC Pigtail SM/MM, SC-LC Multimode/SinglemodePatchcord,6 core SM OSI cable, 6 core MM OM3 cable	Please include AMP which is under systimax/commscope brand.	As per tender condition.
40	SPEC Page E-194 R0, 10	L&T/ABB/Siemens/Schnieder/GE/Legrand	Please include C&S Make.	No Change .
41	Bid Submission Date		Please extend Bid submission date by 2 weeks.	As per tender condition.
42	PHE BOQ 1.00	Sanitary fixtures	Not In Use	
43	PHE-2 1.07	Providing and fixing white vitreous china laboratory sink with C.I. brackets, C.P. brass chain with rubber plug, 40 mm C.P brass waste and 40mm C.P. brass trap with necessary C.P. brass unions complete, including painting of fittings and brackets, cutting and making good the wall wherever required (Parryware model no.C0602 or other equivalent model i.e, Jaquar & Hindware). Size 450x300x150 mm		As per tender

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44	PHE-2 1.08	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in -charge.code RF9061A1 From Roca or other equivalent make.	Jet is not compatible with the approved make of WC.	As per tender
45	2.00	SOIL, WASTE AND VENT PIPES	Lead Joints are not in use in most of the projects hence quantity of drip seal joints need to be increased.	As per tender
46	PHE-7 2.12	Providing lead caulked joints to sand cast iron /centrifugally cast (spun) iron pipes and fittings of diameter: 100 mm 150 mm		
47	3.00	WATER SUPPLY	Gate valves - can be replaced with ball valve.	As per tender
48	PHE-12 3.04	providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) 25 mm nominal bore 20 mm nominal bore 32 mm nominal bore 40 mm nominal bore 50 mm nominal bore		
49	PHE-23, 6	RAIN WATER PIPING	Dripseal Joints are missing in this sub head.	As per tender
50	PHE-31, 10	WATER TREATMENT PLANT (Domestic use)	Vertical Filter feed Pump @ 1500 RPM may not be available and available in 2900 RPM.	In case all The approved make vendor does not manufacture the 1500 RPM pump 2900 rpm pump will be accepted
51	PHE-37,10,09	SOFT WATER TREATMENT PLANT (1 Nos) WATER TREATMENT PLANT (Soft water)	Vertical Filter feed Pump @ 1500 RPM may not be available and available in 2900 RPM.	In case all The approved make vendor does not manufacture the 1500 RPM pump 2900 rpm pump will be accepted
52	PHE-40,11	SEWAGE TREATMENT PLANT	vertical Filter feed Pump @ 1500 RPM may not be available and available in 2900 RPM.	In case all The approved make vendor does not manufacture the 1500 RPM pump 2900 rpm pump will be accepted
53	Volume-V- Bill of Quantity (BOQ)		Double flanged D.I. Pipes are not suitable for U G Piping as per manufacturer & should be replaced with tyton joints.	As per tender
54	1.00	FIRE FIGHTING SYSTEM		
55	FF-1 of 19,1.01	Providing and laying S&S Centrifugally Cast (Spun) / Ductile Iron Pipes conforming to IS : 8329 : (b) 150 mm dia Ductile Iron Double Flanged pipe- class K-9	Same way for fittings - flanged D.I. Fittings are not suitable for U G Piping as per manufacturer & should be replaced with tyton joints.	As per tender
56	FF-1 of 19,1.02	Providing and laying D.I. specials of class K-12 suitable for push -on jointing (Flange Joint) as per IS : 9523 Upto 600 mm dia	Same way for fittings - flanged D.I. Fittings are not suitable for U G Piping as per manufacturer & should be replaced with tyton joints..	As per tender
57	FF-1 of 19,1.05	Providing and laying Double Flanged(Screwed/Welded) Centrifugally(Spun) Ductile Iron pipes of Class K-9 conforming to IS:8329 100 mm dia pipes 150 mm dia pipes	G.I. Pipes with flanged joints may be leaking all the times hence welded joints should be prefer as per general engineering practices.	As per tender
58	FF-2 of 19,1.07	Providing, fixing jointing and testing of Heavy (class -C) G.I. pipes as per relevant IS :1239/4736 with special accessories like tees, elbow, gesket, flanges, flanged joints, rubber insertion nuts and bolts including earth work excavation and trenching, wrapping pipekot 4mm thick 500mm width tar based plymaric corrosion protection tape or equivalent suitable to GI/ MS pipe line including applying uniform coat of cold pipekot primer complete 1 m below the ground level, refilling in layers not exceeding 20 cm in depth consolidated each deposited layer by ramming & watering complete in all respect as pe IS : 1022 (Under ground) (a)150 mm dia G.I. Pipe with flange joints (5.4 mm wall thickness). (b)100 mm dia G.I. Pipe with flange joints. (c)80 mm dia G.I. Pipe with flange joints		As per tender
59	FF-2 of 19,1.08	Heavy class G.I. pipes conforming to IS with accessories like tees, elbows, flanged joints, rubber insertion, nuts, bolts or welded joints including fixing the pipe with suitable flat iron strip clamps/brackets, structural members, dash fastener , cutting hole and chases in walls, floor, R.C.C. slab etc. and making good the same, including painting pipes and fittings with a primer coat of steel primer and two coats of postal red enamel paint etc. complete as required. (All the fitting i.e. tee /elbow, Valve shall be joint the pumps will flanged joints)	G.I. Pipes - 100 to 300 dia Pipes with flanged joints may be leaking all the times hence welded joints should be prefer as per general engineering practices.	As per tender

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60	FF-12 of 19,1.47	Providing and fixing SS flexible sprinkler drop unbraided 20 mm NB UL listed having a working pressure of 12 kg/sq.cm complete with G1 nipple, sprinkler fixing adaptor and fixing clamps complete as per Manufacturer's catalogue and decorative 65 mm dia CP brass/SS flange for fixing sprinkler below false ceiling	Make of flexible sprinkler drop to be provided.	As per tender
61	FF-15 of 19,1.51	Supplying, installation, testing and periodic commissioning of Electric Motor Driven Automatic Pressurization Pump set consisting of the following (as per specification) (For Hydrant system & Sprinkler system).	Jockey Pump should be without cost of panel.	Panel will be paid saperately
62	Vol 1, NIT and PQ, Clause 1.9, Pg. 12	Earnest Money Deposit Bid shall be accompanied with Earnest money of Rs. 273.96 lakhs 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.	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 following details- 1. Beneficiary Bank account Name 2. Beneficiary Bank account Number 3. Name of Bank & Address 4. Branch Code 5. Bank IFSC Code	1. Name of the bank : Punjab National Bank. 2. Address : Sector-27, Noida 3. Beneficiary Name : HSCC (India) Ltd 4. Beneficiary A/c No. : 272600180000011 5. Branch Code : 2726 6. Bank IFSC : PUNB0272600
63	Vol 2, GCC, Cl. 19L, Pg. 54	The ESI and EPF contributions on the part of the Executing Agency in respect of this Contract shall be paid by the Contractor. These contributions on the part of the Executing Agency paid by the contractor shall be reimbursed by the Engineer-in-charge to the Contractor on actual basis.	We request you to provide the details such as Number of staffs, duration of deployment, category of workers etc., to enable the bidder to calculate the PF & ESI Contributions of the workers deployed by the implementing agency.	As per tender condition.
64	Vol 2, GCC, Cl. 26, Pg. 57	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. In the event of any claims aforesaid, the contractor shall be immediately notified thereof and the contractor shall be at liberty, at his own expense, to settle any dispute or to conduct any litigation that may arise therefrom, provided that the contractor shall not be liable to indemnify the Executing Agency if the infringement of the patent or design or any alleged patent or design right is the direct result of an order passed by the Engineer-in-Charge in this behalf.	Since it's a percentage rate tender, the drawings, design, specifications etc., is in the scope of Implementing Agency / Employer. Hence, the Contractor should not be held responsible for the same. Please confirm.	As per tender condition.
65	Vol 2, GCC, Schedule F, Pg 108	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 - 4 crore	We will submit one RA bill per month. We shall be paid 70% of all bill payments, irrespective of value of work done based on joint measurements, shall be paid within 15 (fifteen) days & balance 30% within 30 Days from the date of submission of our bills.	As per tender condition.
66	Vol 2, GCC, Schedule F, Clause 10CA, Pg. 109	Base Rate Base price of all the materials covered under Clause 10CA (Base price to be mentioned valid at the time of last stipulated date of receipt of Tender including extension, if any.) Cement- OPC : Rs. /- Tonne, Reinforcement Steel- Primary Manufacturer : Rs. /- Tonne Structural Steel : Rs. /- Tonne includes cement component used in RMC brought at site from outside approved RMC plants, if any.	We request you to provide us the Base Rate for Cement, Reinforcement Steel and Structural Steel.	

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67	Vol 3, SSC, Clause 4.1.1, Pg. 5 and 6	<p>Approvals Required 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, such as, but not limited to, Police and Security Agencies, Chief Controller of Explosives, Fire Department, Civil Aviation Department, concerned in accordance to prevailing rules, Building Bye-Laws, tree cutting etc., as the case may be with related to/ required for Construction/Completion. All expenditure on this account will be borne by the contractor.</p> <p>The approvals for pre-construction clearances submitted/applied to local authorities shall be provided to the contractor for obtaining clearances/approvals.</p> <p>The approvals shall include the following in addition to any other approval which may be required for the project.</p> <ul style="list-style-type: none"> • Construction Permit if required • NOC from Chief Fire Officer • NOC from Lift Inspector where lifts are provided • Occupancy certificate • GRIHA Certification (Minimum 3 Star) 	<p>Preconstruction approvals from Chief Controller of Explosives, Fire Dept, Civil Aviation dept may please be taken by Client / Employer and related expenditure may please be borne by the Employer. However, bidder / Contractor shall be responsible for permission related to construction activities like labour licence, NOC from Chief Fire officer and Noc for Lifts. Also, for GRIHA Certification & Occupancy Certificate, all related documentation shall be done by Contractor, but the approval including expenses to be kept under Owner's scope. Kindly confirm the same.</p>	As per tender condition.
68	Vol 3, SSC, Clause 9, Pg. 29	<p>Cutting of Trees Permission of cutting of trees if required will be obtained by Contractor</p>	<p>During the Site visit, it is observed that the land is cluttered with huge nos of Trees and bushes. We presume that the necessary permissions for cutting of the trees will be taken by Client.</p> <p>Further to the above, we also presume that cutting of the trees shall be paid to the contractor separately / as per Extra Items of works.</p>	As per tender condition.
69	Vol 3, SCC, Cl. 16, Pg. 17	<p>Absence of Specifications If the specifications do not contain particulars of materials and works which are obviously necessary for the proper completion of the works, and the intention to include, which is inferred, all such materials and works shall be supplied and executed by the Contractor without extra charge. If the Contractor requires additional information, he shall, in pursuance of Clause 2 hereof, so request in writing well in advance to commencement of the particular work to the Executing Agency who will issue such detailed information within a reasonable time.</p>	<p>Kindly clarify the word "Clause 2 hereof" in the forth line of the clause description.</p>	
70	Vol 3, SCC, Cl. 25, Pg. 25,	<p>Boreholes & Exploratory Excavation If, at any time during the execution of the Works, the Executing Agency shall require the Contractor to make boreholes or to carry out exploratory excavation, such requirement shall be ordered in writing and shall be deemed to be an additional ordered under the provisions unless a provisional sum in respect of such anticipated work shall have been included in the schedule of items.</p>	<p>We presume that such Boreholes & Exploratory Excavation works as may be required, shall be paid to the Contractor under extra item of work. Kindly confirm.</p>	As per tender condition.
71	Vol 3, SCC, Cl. 31 (5), Pg. 28	<p>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.</p>	<p>We presume that if such delay, due to no fault of the Contractor, exceeds beyond 7 days, then the Contractor shall be suitably compensated for the time and cost. Please confirm the same.</p>	As per tender condition.

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72	Vol 3, SCC, Clause 32.3, Pg. 32, 33	Land for site infrastructure 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. The Contractor shall furnish such details of his Temporary Works as may be called for by the Engineer and the Contractor shall satisfy the Engineer as to their safety and efficiency. Engineer may direct those Temporary work which he considers unsafe or inefficient be removed and replaced in a satisfactory manner. The Contractor shall immediately follow Engineer's directions/ instructions.	Since the Plot is having a huge area, we request you to provide land for site infrastructure required to set up the Contractors Site Office, store, reinforcement yard, Formwork yard, Batching Plant etc. within project premises, free of costs.	As per tender condition however contour plan is enclosed at Annexure-II.
73	Vol 3, SCC, Clause 32.3, Pg. 33	Land for 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.	Since the Plot is having a huge area, we request you to provide land for labour camp within site premises, free of costs.	As per tender condition.
74	Vol 3, SCC, Clause 32.6, Pg. 33, 34	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 shall be provided for Executing agency/ HSCC by the Contractor at his own cost. 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.	We request you to: a) Kindly provide the layout drawing & area requirement. b) kindly provide the details of site office area to be provided along with furniture details. c) kindly specify no of computers/ printers, telephone with STD facility, Fax Machine, internet to be provided to Client.	Area of site office shall be approx 100 Sqm, rest all details as per tender conditions and requirements.
75	Vol 3, SCC, Section E, Pg. 71	Environmental Clearance	We presume that all permissions, cost & responsibility towards Environmental Clearance is under Client's scope. Please confirm.	As per tender condition.
76	General	Soil Investigation Report and Contour Plan	We request you to provide Soil Investigation report and Contour Plan.	Contour Plan enclosed for reference.
77	BOQ item no 10.01 : GRC Screen	Proving and fixing glass Reinforced Concrete (G.R.C) Screens in approved size, pattern design, thickness and color	Kindly provide us photographs of the GRC Screens for understanding the design, pattern etc.	The design and pattern shall be approved by Engineer in Charge during execution of work
78	BOQ item no. : 4.04 & 4.08- decorative Laterite masonry	Exposed decorative laterite masonry using selected Patradevi stone	Please provide us the size and thickness of laterite stone blocks to be used for the work alongwith drawings for the same.	Size and thickness of laterite stone blocks shall be as per site requirements and approval of Engineer in charge
79	BOQ item no 4.13a : 50 mm thick decorative Laterite stone tile	Decorative Laterite stone work (machine cut edges) for wall lining etc. (venerer work) upto 10 metre height	Please provide us the size of laterite stone blocks to be used for the work alongwith drawings for the same in cladding.	Size of laterite stone shall be as per site requirements and approval of Engineer in charge
80	BOQ item no. : 4.19- Toilet Cubical	Unit of the item is in "Sqm"	Since Toilet Cubicals are specially manufactured items, the rate / price depend on its size, design & specifications. Hence, we request you to provide the drawings / photographs of the same for better understanding & correct pricing.	Sizes may be referred from Architectural drawings
81	BOQ item no. 5.26 & 5.33 : UPVC doors & Windows	Unit of the items are in "Sqm"	Since UPVC Doors & Windows are specially manufactured items, the rate / price depend on its size, design & specifications. Hence, we request you to provide the drawings / photographs of the same for better understanding & correct pricing.	The work shall be carried out as per CPWD specifications
82	BOQ item no 8.04 a : Polycarbonate dome structure	Providing and fixing 10mm thick clear multi wall solar control polycarbonate sheets - for Dome structure	Requested to provide us the drawings for the Dome structure with Polycarbonate sheet for proper understanding and correct pricing of the job.	Sizes may be referred from Architectural drawings
83	General	BOQ in Excel	We request you to provide the Excel Copy of Estimate/Bill of Quantities for ease of estimation.	As per tender condition.
84	BOQ, Civil Works, Item No 7.13 (a)	In dado/skirting on 12 mm thick mortar 1:4 (1 acid proof cement : 4 coarse sand) (a) Acid and alkali resistant tile	We presume that the Tile thickness will be 10 mm, please confirm	As per CPWD Specification and tender conditions

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85	Approved Make for Civil Work	AAC Block : ULTRATECH, Magicrete Building Solution U-PVC Windows : Fenesta or approved equivalent Wooden Fire Check Doors : Navair, Pacific PVC Flooring: Tarket, Gerflor, Armstrong	Please approve the following alternative equivalent makes alongwith the makes provided with the Tender for: AAC block - ULTRATECH, Magicrete Building Solution, D'Lite, Ecorex UPVC window - Fenesta, Kommerling or approved equivalent Wooden fire door - Navair, Pacific, Kutty, Sukriti PVC Flooring - Tarket, Gerflor, Armstrong, Pergo (Armstrong is currently not executing this work)	No change in tender conditions. As per tender conditions, alternate makes can be used subject to approval of Engineer in charge and price adjustment
86	Item NO:4.04,4.05,4.06,4.08	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete level.	As per Technical Specification Reinforcement should be Fe-500 grade the availability of which is very rare. We request you to change the same to Fe-550D instead of Fe-500 for timely execution.	Item shall be carried out as per latest CPWD Specifications
87	General	Site Visit	During the Site Visit, it was found that the site premises is quite a huge one, located on the slope of a highland / hill. The site is fully covered with bushes and huge trees, some of which are quite old. Hence, we presume that the permission for cutting of any trees, from the relevant Govt. authorities, shall be arranged by HSCC / Owner. Please confirm	As per tender condition.
88	General	Contour Plan	Since the site is located on the slope of a highland / hill, kindly provide us the RL of the plot/site premises, i.e. Contour Plan, with respect to the structure to be constructed, so that the bidder can access the cutting & filling accordingly.	As per tender condition.
89	General		a) Kindly provide Electrical Panel SLD & Main SLD to understand the scope of work.	Will be provided to successful bidder.
90			b) Kindly provide Schematic/ Riser drawings for HVAC, Water supply, Fire fighting, FA & ELV systems	Will be provided to successful bidder.
91	APPROVED MAKES	Parking Managemnt System - Approved makes not available	Kindly provide approved make for parking management system.	No parking Management in Electrical work as per BOQ
92	PA SYSTEM		Kindly allow EN-54 compliance along with EN-60849 for PA system as only EN-60849 requirement is confining the competition to a single	EN-54 may also be accepted
93	EN-60849 complaince	BOQ Elec > Item 23.1/2/3		
94		BOQ Elec > Item 23.2	Kindly approve Output range of amplifiers from 20 Hz – 20kHz	As per actual Site Condition may be calculated based on BOQ/ Drawing.
95	Technical Spec, Page 283, Point no.64	BUILDING MANAGEMENT SYSTEM		
96		Approved makes - Honeywell-Trend/L&T-Atmos/Siemens/Schneider	We request you to approve Johnson Controls make for Building management System alongwith Honeywell-Trend/L&T-Atmos/Siemens/Schneider	No Change.
97	Technical Spec, Volume 4	QMS		
98		Approved makes - not available	We request you to provide the approved make for QMS system	No change. Tender Condition Prevails.
99	Electrical			
100	Approved makes	VOL04Techspecs - approved make list	We request you to approve the following makes alongwith Siemens/ L&T/ABB/Schneider : for MV Panels - Tricolite / Adlec. / Sterling & Wilson / Control & Switchgear / Nitya Electro Control Pvt. Ltd. / SPC Electro Tech Limited	No Change.
101	Technical Spec, Page 280, Point no.3	Main LT Panel/ APFC panels/ Main AC panel - approved makes provided : Siemens/ L&T/ABB/Schneider		
102	Technical Spec, Page 282, Point no.33	Cable Trays/ Raceways - approved makes provided : OBO/ Legrand/ Cooper/BEC	We request you to approve Pilco Marketing and manufacturing Pvt.Ltd / Profab Engineers / Slotco alongwith OBO/ Legrand/ Cooper/BEC	No Change.
103	Technical Spec, Page 283, Point no.49	Street light poles - approved makes.	We presume that the makes for Street Light Poles will be as per the makes provided for High Mast poles - Crompton Greaves/ Bajaj /Phillips or equivalent as approved by HSCC. Kindly confirm the same.	Fabricated poles as per relevant IS may be accepted
104	Technical Spec, Page 280, Point no.10	Bus Duct/Rising main - approved makes provided : L&T/ABB/Siemens/Schneider/GE/Legrand	We request you to approve C&S or Godrej alongwith L&T/ABB /Siemens / Schneider / GE / Legrand	No Change.
105	BOQ	VOI05BOQ	Kindly specify the IP for DB's	As per CPWD & specification
106	MCB Distribution Board	Subhead 6.01		
107	LT Cables	Subhead 18.01	Please clarify, the Cables are FR or FRLS?	As per IS:7098
108	In VOI05BOQ, Page no. 174, Subhead 5.14	UPS OUTGOING Panel	Please clarify, is there a single MCCB feeder panel or missed o/g feeder details?	As per BOQ

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109	NIT	Extension for Bid Submission : 08.11.2017 upto 15:00 hrs	Considering the ongoing Festive season (Diwali, Chhatt etc.), alongwith the nature and magnitude of the Project involving various specialised items of works like CSSD system, Medical Gas Manifold, OT's, all Services packages etc., which requires quotations from various specialised agencies. Under such circumstances we request you to extend the due date of submission by atleast 15 days, i.e., upto 23.11.2017 to enable us to submit a competitive & comprehensive offer.	As per tender condition.
110			Please confirm whether batching plant, offices & stores can be set up inside plot premises.	As per tender condition.
112			Please provide drawings in Auto-Cad format, it is required for preparation of logistic plan, formwork planning etc.	As per tender condition.
113			Please confirm whether labour colony can be set up inside plot premises.	As per tender condition.
114	CIVIL BOQ sr no. 3.01-RCC M25 grade concrete	Cement content considered in this item is @ 330 kg/cum.	Please confirm cement content provided is including fly ash or excluding.	Cement content provided is excluding fly ash. Please refer CPWD Specifications for further clarification
115	Civil BOQ- Tiling and granite work		Please provide basic rates for vitrified, ceramic tile, granite and marble etc.	Work shall be carried out as per CPWD Specifications
116	Approved Make List	Transformer As per Approved Makelist - ABB/GE/ Schneider/Alstom are approved Makes	ABB had stopped operations for Oil Distribution transformer upto 2500KVA, 33KV Class in India.	No Change
117	Approved Make List		Request your approvals for Voltamp Transformers	
118	Approved Make List	HT CABLE Supply of following sizes of 33 kV grade multicore aluminium conductor XLPE armoured and overall HR PVC seathed power cable as per IS : 7098.	Please clarify requirement of Earthed/ Unearthed Cable	Earthed System
119	Approved Make List	HT/LT Panels As per Approved Makelist - Siemens/L&T/ABB/Schneider are approved	Kindly clarify if Panels from authorised channel partners of Siemens/L&T/ABB/Schneider will be accepted ?	No Change
120	Approved Make List	Light fitting As per Approved Makelist - Philips / GE/ Crompton Greaves are approved	GE India Lightning business had stopped. We request your approvals for Wipro /Bajaj against the same	No Change
121	PHE BOQ -2.27	Providing & fixing SS floor trap grating 143x143x5mm thick screwable with SS fixed frame of 150x150 mm size as per approved make & model	Please provide the make	As per BOQ and tender condition
122	PHE BOQ -2.28	Providing and laying Laboratory/hospital effluent waste pipe and fitting of high density polyethylene (HDPE),CLASS -PE 80 ,pressure rating PN-6,conforming to IS :4427, electric fusion joints/flanged joints , fittings which includes bends,,junctions,cowls,offsets,access pieces.etc. complete including jointing.	Please provide the make	As per BOQ and tender condition
123	PHE BOQ -3	Providing and fixing Chlorinated Polyvenyl Chloride(CPVC)pipes having thermal stability for hot & cold water supply including all CPVC plain &brass threaded fittings i/c fixing the pipe with clamps at 1.0 m spacing.This includes jointing of pipes &fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints ciomplete as per direction of Engineer in charge.	Please confirm, cpvc pipe above 50mm dia will be sch 40 or sch 80?	SCH-80
124	PHE BOQ -3.2	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 the approved make	As per BOQ and tender condition
125	PHE BOQ -3.32	Providing & fixing water storage cooler of approved make and brand with SS body having minimum flow rate of 40 ltrs. Per hour and storage capacity 80 ltrs. Complete in respects.	Please provide the approved make	Voltas/BLUE-STAR
126	PHE BOQ -5.01	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.	Please confirm sch of pipe	SCH-80, for more than 50 mm & SDR-11 upto 50 mm dia pipe
127	VOL05BOQ COST ESTIMATE OF HVAC WORKS FOR "PMSSY-GOA" S.No A) 2	Primary Chilled Water Pumps - split casing end suction type centrifugal chilled water pump sets Secondary Pumps & Variable Speed Pumping System - split casing type centrifugal chilled water recirculation pumps Condenser water Pumps - end suction back pull out type vertical split casing centrifugal pump sets	Please confirm the type of pumps to be considered	All pumps end suction backpull out, vertical split casing.

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128	VOL05BOQ COST ESTIMATE OF HVAC WORKS FOR "PMSSY-GOA" S.No A) 4	AIR HANDLING UNITS	Please confirm whether AMCA certified blower required.	AMCA certified.
129	VOL-02, GCC, Cl 1A., Pg 14 of 125	Security deposit of 5% of the tendered value of the work in the form of cash Government securities / fixed deposit receipts.	We propose Bank Guarantee of equivalent amount instead of government securities/FDR/Cash. Please confirm	As per tender condition
130		Defect Liability Period / Maintenance Period	Please confirm duration of defect liability period / maintenance period.	As per tender condition
131	Pg 24 of 125, VOL-02, GCC, Cl 7	The amount admissible shall be paid by 10th working day after the day of presentation of the bill. <u>In the case of works outside the headquarters of the Engineer-in-Charge, the period of ten working days will be extended to thirty days.</u>	We assume that payment will be done by 10th working day after day of presentation of bill. Please confirm. Underline statement is not clear, where is headquarter of Engineer-in-charge? Please provide details.	As per tender condition
132	VOL-03, SCC, Cl 04, Point 3c & 3f, Pg 14 of 89	c. Getting all approvals / permissions / planning permits of the statutory / local governmental agencies as required incidental to construction/ completion. 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.	Contractor shall be responsible for Approvals, Permits & Compliance with Law related to temporary works/setups only. All approvals related to permanent work shall be in scope of client / executing agency. Please confirm.	As per tender condition
133	VOL-02, GCC, Cl 7, Schedule F, Pg 109 of 125	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 is 4Cr	We request to waveoff this clause upto 03rd RA bills.	As per tender condition
134	VOL-02, GCC, Cl 9, Pg 27 of 125	PAYMENT OF FINAL BILL - If the Tendered value of work exceeds Rs. 2.5 Crore: 6 Months	We request for payment of final bill within 03 months. Please confirm.	As per tender condition
135	VOL-02, GCC, Cl 10 CA, Pg 33 of 125	PAYMENT DUE TO VARIATION IN PRICES OF MATERIALS AFTER RECEIPT OF TENDER	Please provide frequency of claiming variation monthly / quarterly.	As per tender condition

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136	VOL-05, BOQ Civil & BOQ PHE		Please confirm RA bill methodology. We assume that percentage rate above or below will be applicable to DSR rates + 18.63% cost index over & above. Please confirm.	As per tender condition
137	Vol 3 CL.32.3 page 32	Land for labour hut	Please provide land free of cost out side the site.	As per tender condition
138	Vol 3 SCC page 58	<p>Manufacturer Authorization for MOT/MGPS/CSSD/Laundry: Eligible bidders quoting as an Indian Agent should submit a mandatory letter of authority from the Foreign Principal / Manufacturer, with name of manufacturing company for major products quoted by them as per given format as detailed below.</p> <p>For the following major items, Manufacturer's Authorization should be submitted as per format for major items / equipment.</p> <p>Bidder must clearly spell out in his bid what product and technical configuration he is quoting against the tender requirement. The manufacturer of the quoted product should also be binding legally to perform against the said contract including warranty and CMC terms.</p>	We request you to kindly allow us to quote for those items as per the approved manufacturers as given in the tender. However, required Technical datas shall be submitted after award of the job.	There will be no change of Tender provision
139		<p>1. Similar work has been desired as: Project comprising Construction of any multistoried RCC framed structure minimum FIVE storey above ground level (Basement, stilt, Machine room & mummy shall not be counted as a storey) including finishing works, Internal water supply, sanitary installation & Internal Electrical installation all composite executed under one agreement.</p>		As per tender conditions.
140		A. The requirement of number of storied in completed projects should not be insisted upon. However as a special criteria ONE completed project of G+5 or more can be asked for. Value of completed projects may or may not be revised for any completed project.		As per tender conditions.
141		We have executed and completed a number of project of G+3 of DG MAP and they are also not insisting upon any number of storied in completed projects. NBCC has also now adopting the same procedure.		As per tender conditions.
142		C. The contractors who are registered with NATIONAL SMALL INDUSTRIES CORPORATION LIMITED (NSIC), A Government of India Enterprise, should be exempted from submission of Earnest Money along with the tender, as per the monetary limit fixed by the NSIC considering the value of completed projects & monetary terms. Web site: www.nsic.co.in can be referred for details. This practice is being followed in Government Departments.		As per tender conditions.
143		Referring to Clause No. Vol 3, SSC, Clause 4.1.1, Pg. P-5 and P-6 - As this is percentage rate tender based on design & drawings given by the Client/ Executing Agency. We request you to remove all approvals to be taken from Municipal and other local bodies such as Occupancy Certificate, GRIHA Certification etc. from scope of contractor.		As per tender conditions.
144		We understand that all Approvals and permissions required for permanent works are to be obtained by the Client and necessary fees / charges payable to the concerned authority shall be born by client. Please clarify		As per tender conditions.
145		Referring to Clause No. General - Kindly specify the % of Flyash & GGBS to be used in concrete & Mortar as cementitious material		As per tender conditions.