

Pre-bid Queries and Replies							
Consolidated Construction Consortium Limited							
Project: Construction of Regional Institute of Allied Health Sciences (RIAHS) at Coimbatore							
Client: HLL lifecare Limited							
Sl No.	Item No.	Clause/Description	Clause No./DSR No.	Page No.	Stipulation as per Tender	Clarification Requested by contractor	Clarification by employer
Commercial Queries							
1		Land Space for Temporary structures.			The contractor shall make arrangements at his own expense for labour camp/ accomadation for labour and staff to be employed for execution of the work and their conveyance to site. No workers/ stadd shall be allowed to stay within the site except with the specific approval of the Engineer-in-charge/Consultant/Client.	We shall be given land space free of cost for erecting our site office, stores, labour camp, fabrication yard and batching plant etc. On completion of job, we shall remove and handover the site in original condition. Kindly confirm.	Confirmed but within the site allotted for the work.
2		Statutory Approvals			The contractor shall conform to the provisions of all statutes, ordinance, laws, acts of the legislature relating to the works, and to the regulations and by-laws of any local or other duly constituted authority and of any water, electric supply and other companies and /or authorites with whose systems the structures is proposed to be connected.	We request that any statutory approvals required for construction works shall be arranged by you. We shall not held responsible the same. Kindly confirm.	Statutory approvals like Building Permit and Environmental clearance/Pollution Control will be done by client. Other routine approvals/NOC shall be contractor's responsibility.
Technical Queries							
1		Soil report			Not given	We request you to kindly provide us the soil investigation report.	soil investigation report attached
2		Filling work	1.05.02	6	S/F in plinth with coarse sand under floors including, watering , ramming consolidating and ressing complete.	Kindly calrify the thickness of sand filling.	150mm
3		Minimum Cement Content	3.01.00	8	P/L ready mixed M-30 grade concrete for RCC work, using cement content as per approved design mix.	We request you to provide us the cement content to be considered for this item.	Refer amendment -III
4		Wood work	7.01.00	11	Providing wood work in frames of doors, windows, clerestory windows and other frames.	We request you to kindly provide us the size of the door frame and drawings for this item.	Will be given in appropriate time. Unit is CUM and CPWD Specifications 2009 to be followed.
5		Glazed shutter for door	7.02.00 to 7.03.01.1	11	P/F panelled or panelled and glazed shutters for doors, windows.	We request you to kindly provide us with the drawings.	For details please refer CPWD Specifications 2009 and note that the unit is SQM.
6		Cup board shutter	7.06.00	13	P/F cup board shutters 25mm thick with prelaminated flat pressed three layer particle board.	We request you to kindly provide us the detailed drawings for this item.	Item description self-explanatory. Unit is SQM.
7		Aluminium work	7.25.00 to 7.28.01	18	P/F aluminum work for doors , windows , ventilators and parition.	We request you to kindly provide us the detailed drawings for this item.	Please see CPWD Specifications 2009.
8		UPVC Door frame and PVC Shutter	7.23.00 & 7.24.00	17	Providing and fixing factory made UPVC door frame made of UPVC extruded section having an overall dimensions.	We request you to kindly provide us the detailed drawings and approved vendors for this item.	Please see CPWD Specifications 2009.
9		SS railing work	8.05.00	22	Stainless stell (Grade 304) railing made of hollow tubes , channels, plates etc.	We request you to kindly provide us the detailed drawings fot his staircase railing work.	Will be given in appropriate time. Please note the unit is Kilogram and the Grade is already specified.
10		Cement Concrete flooring	9.01.00	23	Cement concrete flooring 1:2;4 finished with a floating coat of neat cmenet including cement slurry	Kindly clarify the size of the panel for this item	As in CPWD Specifcations 2009
11		Grainte Stone Flooring	9.01.00	23	Stone cladding work for wall lining upto 10m height. Granite stone 18mm thick of any colour shade	Kindly specify the pattern/shade	Rate is for all colour/shade and pattern. Please see amendment.
12		Tiles work	9.07.01	25	P/l vitrified tiles in different sizes	kindly specify the pattern/shade	Rate is for all colour/shade and pattern

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13		Basic rate for flooring material			Not mentioned	We request you to provide the basic price for tiles, granites and kota stone etc. We request you to pay any variation in the basic price during execution. Kindly confirm	The base price to be considered as INR
							a) 1st quality ceramic flooring tiles 300x300mm= 475
							b) 1st quality ceramic Wall tiles = 390
							c) vitrified Tiles 600x600 mm = 1145
							d) Granite 18mm thick flooring= 2168
							e) Kota Stone = 357
							Please note invoices will have to be produced and cost adjustment will be done bothways.
14		Chequerred precast cement concrete tiles	9.09.00	25	Chequerred precast cement concrete tiles 22 mm thick in footpath	We request you to provide us the approved make list for this item	To be approved by Engineer-in-charge

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15		Roof sheeting work	10.02.00	28	P/F UV stabilized fibre glass reinforced plastic sheet roofing upto any pitch	We request you to kindly provide us the approved make list for this item	To be approved by Engineer-in-charge
16		Plastering work	11.01.01 to 11.04	28	18mm cement plaster in two coats under layer 12 mm thick cement plaster 1:5	Kindly confirm whether we have include chicken mesh and grooves in our offer?	As per CPWD specifications 2009
17		Kerb stone	11.1		P/L at or near ground level factory made kerb stone of M25 grade cement concrete	We request you to kindly provide us the approved make list for this item or otherwise we request you to allowable to us site made precast kerb stone.	To be approved by Engineer-in-charge
18		Paver block	13.1	194	P/L 60mm thick factory made cement concret interlocking paver block of M30 grade made by block making machine.	We request you to kindly provide us the approved make list for this item.	To be approved by Engineer-in-charge
<b>Plumbing works</b>							
1		Sanitary ware			Water closet, wash basin, urinal	We request you to kindly provide us the model no for this item.	Please see CPWD specifications 2009 which refer to relevant BIS code.
2		CP fittings			CP accessories (PTMT bottle trap, towel ring, wash coupling)	Approved make is given as Jaquar. But specification shows PTMT. Kindly confirm the final one.	As per BOQ item to be executed
3		CPVC pipe & fittings	18.70 & 18.80			Kindly confirm whether we have quote for SDR 11 or SDR 13.5	Refer CPWD specifications 2009
4		CI butterfly valve	18			Make is not given in the approved list. But in the specification, make is given lehry. Normally we are using Audco/Intervalve and the same is given for FPS system. Kindly confirm the make & pressure rate whether PN 10 or PN 16.	As per BOQ item
5		Water Heater	32			We request you to kindly provide us the approved make for this item.	To be approved by Engineer-in-charge
6		External water supply: HDPE Pipe	5			Please provide the approved class whether PE 100 or PE 63 or PE 80 and approved make.	To provide as per Item and as approved by Engg-in-charge
<b>External Electrical Installations</b>							
1		LT cables	1		Supply, laying of following 1100volts grade XLPE insulated & sheathed, armoured LT.U.G cable as per IS 7098 in a trench		
2		Cable termination	2		End Termination	Please clarify the double compression or silge compression gland	double compression gland
3		Electrical works			Not given	We request you to kindly provide us the technical detail specification	Query not clear
4		DG sets	1		200K VA DG Set	As per the rating for 200 KVA is not suitable for synchronizing operation. Please clarify	Synchronising Req'd.

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<b>Commercial Queries</b>							
<b>General Condition of Contract</b>							
1		Bid Submission date	Clause No.9 /GCC/ Page No.7			Request to Extend the Submission of bid upto 15.05.2013	Last date & time of submission of tender document is extended to <b>20.05.2013 at 2.00 pm</b> Date & time of opening of technical bid - <b>20.05.2013 at 3.00 pm</b>
2		Compensation for Delay	Clause No.7/ GCC/ Page No.13 &14			We request you to consider 0.25% Per Week for unfinished value of our work to a maximum limit of 2.5% of our balance contract amount for single mile stone i.e., date of Completion of Project.	Adhere to G.C.C
3		Payment on Intermediate Certificated to be	Clause No.9 /GCC/ Page No.15			We request you to consider the 75% of Net Value in 7 days after receiving the bill and the balance within 15 days.	As far as possible payment will be made as per relevant GCC clause.
4		Payment of Final Bill	Clause No.10 B / GCC/ Page No.17			Payment will made within 45 days from date of receipt of bill.	As far as possible payment will be made as per relevant GCC clause.
5		Secured Advance	Clause No.10 B (ii) / GCC/ Page No.17			We request you to provide the 90% of the invoice value of all bought out items like Cement, Reinforcement steel, Structural steel etc brought to site as material advance and the same shall be recovered from our Monthly running account bill to the extent of the material are consumed in the works.	As per G.C.C
6		Mobilisation Advance	Clause No.12.2/ GCC/ Page No.26			We request you to consider 15% of the total contract value in single installment as interest free mobilization advance against Bank Guarantee. The recovery of the same from 2nd RA bill on Pro rata basis 100% recovery shall be done before 90 % of the value of Work.	Adhere to G.C.C
7		Deviations, Extra Items and Pricing	Clause No.25/ GCC/ Pg.no.38			We request you to consider for extra items based actual Cost of materials at site, wastages, Plant & equipment hire charges, labour charges plus 20% our Overheads & profits plus applicable Taxes.	Payment will be made as per relevant GCC clause.

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8		Settlement of Disputes & Arbitration				All disputes or differences relating to the specifications, designs, and as to quality, quantity or material used in the work or as to any other question arising out of or relating to the Contract/Agreement or otherwise in connection with the Contract/ Agreement or the carrying out of the works, whether during the progress of the work or after the completion or abandonment thereof shall be referred to the Arbitration process consisting of a three member panel one to be appointed by each party. The arbitrators so appointed shall then mutually appoint the presiding arbitrator before entering upon the reference. The arbitration proceedings will be held at Chennai and subject to the provisions of Arbitration and Conciliation Act, 1996 or any statutory modification or re-enactment thereof for the time being in force. The courts in Chennai shall alone have the entire jurisdiction in the matter.	Adhere to G.C.C
		<b>Technical Queries</b>					
		<b>TECHNICAL CLARIFICATION</b>					
		<b>Civil &amp; Structural</b>					
9		Earth Work	-			Kindly Provide the bore log details	soil investigation report attached
10		Reinforcement Concrete - M 30 grade	Item No.3.01 / Pg.no.8		Concrete M 30 grade	Kindly Provide the Minimum Cement Content for M 30 grades	Refer amendment- III
11		Wood and Aluminium Work	Item No.7.01.02 /DSR No.9.1.3 /		Kiln Seasoned and Chemically Treated Hollock Wood	Kindly Provide the alternate brand for the hollock woods	Stick to the item description.
12		Wood and Aluminium Work	Item No.7.12 /7.32/ DSR No.9.65 Pg.no.14 & 20		Providing and fixing ISI marked oxidised M.S. door latches conforming to IS:5930 with screws etc. complete :	Kindly Provide the Sizes for MS Door latches	Refer amendment- III
13		Wood and Aluminium Work	Item No.7.34/ DSR No.9.66 / Pg.no. 20		Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete :	Kindly Provide the Size for MS Door Handle	Refer amendment- III
14		Flooring	Item No. 9.15/DSR No.11.36/Pg.no.21		Providing and fixing 1st quality ceramic glazed wall tiles confirming to IS: 15622(thickness to be specified by the manufacture)of approved make in all colours,shades except burgundy, Bottle green, Black of any size as approved by Engineer-In - Charge in skirting, risers of steps and dados over 12mm thick bed of cement Mortar 1:3 (1 cement :3Coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	Kindly Provide the sizes for the ceramic Glazed Tiles	Please see description of item. See also amendment. Tiles in dado shall match the size of flooring tiles.
		<b>PLUMBING</b>					
15		Plumbing	Item No.4.a / DSR No.17.70.2/Pg.no.36		Bottle trap 38mm single piece moulded with height of 270mm, effective length of tail pipe 260mm from the centre of the waste coupling 77mm breadth with 25mm minimum water seal, weighing not less than 260 gms.	Kindly provide the Qty for this item	Refer amendment - III

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16		Plumbing	Item No.6/ DSR No. 17.28.1.1 /page No.37		Providing and fixing PVC Waste pipe for sink or wash basin including PVC waste fittings complete. Semi rigid Pipe - 32 mm dia	Kindly Provide the Qty in Nos instead of RM.	Refer CPWD Specification
17		Plumbing	Item No.9/ DSR no. 17.31 /pg.no.37		Providing and fixing 600 x 450mm bevelled edge mirror of superior glass (of approved quality) complete with 6mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	Kindly provide the Qty for this item	Refer amendment- III
		<b>HVAC</b>					
19		<b>Academic Block -</b> Variable Refrigerant Volume (VRV) Air-conditioning System	Section A / Item No.1 / Pg.No.150		Supply Installation Testing and Commissioning of Outdoor Unit consisting of high efficiency multiple scroll compressors fitted with Variable Frequency Drive (VFD), air cooled condenser having internally grooved copper tubes and aluminium fins, axial flow condenser fans, electrical switchgear, controls, internal power cabling, earthing and control wiring all installed in a GI sheet metal housing finished with powder coating, suitable for all weather outdoor installation. Complete as per the specifications. <b>Capacity of the Out door unit shall be 52 HP</b>	As per OEM standards the Max capacity is available at 48 HP Max. Kindly Clarify it? We can use Rotary Compressors for the unit.	52 HP Outdoor units (ODUs) are offered by a few manufacturers. However those ODUs are a combination of 2 or more smaller capacity units - all interlinked to form a common circuit. Our objective is to distribute all the indoor units (IDUs) as equally as possible over the ODUs - which will be easy with minimum number of ODUs. Hence you are advised to quote for the highest capacity ODU available - provided the total capacity matches the Specs. Please quote with scroll type compressors.
20		<b>Academic Block -</b> Variable Refrigerant Volume (VRV) Air-conditioning System	Section A / ItemNo. 2/ Pg.No.150		Supply Installation Testing and Commissioning of Indoor Units, ductable type to be concealed in the false ceiling, comprising evaporator coil of aluminium fins and internally grooved copper tubes, centrifugal blowers and blower motors, HDPE air filters of 90% efficiency down to 20 microns particle size, all installed in a powder coated GI sheet metal housing suitable for ceiling suspension. The capacities of the air-conditioners shall be as follows:	Which type of Filters to be fitted with Indoor Units and Ductable and VRF.	HDPE air filters of 90% efficiency down to 20 microns particle size.
21		<b>Academic Block -</b> Variable Refrigerant Volume (VRV) Air-conditioning System	Section A / Item No.8 / Pg.No.153		Supply, installation, testing and commissioning of interconnecting copper tubing insulated with 20 mm thick nitrile rubber sleeves covered with aluminium foil, for refrigerant liquid and suction lines between the Outdoor and Indoor Units complete, including fittings like elbows, reducers etc. and suitable wall / ceiling clamps as required for the complete installation and proper functioning of the VRV system. The copper tube sizes and the installed length in Running Metres are as follows:	As per OEM Standards , 19 mm thk plain nitrile tubes for Cu.Piping Insulation is available. Can we use 19 mmthk ?	Accepted and description amended.

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22		<b>Academic Block -</b> Variable Refrigerant Volume (VRV) Air-conditioning System	Section A / Item No.10 / Pg.No.154		Supply, installation, testing and commissioning of rectangular supply air ducts fabricated out of GI sheets of the following sheet thickness. The ducts must be machine fabricated and must be air-tight and have a neat finish. The ducting shall be complete with fasteners and gaskets at all joints. The ducts shall be supported from the ceiling with anchor fasteners, threaded rods of GI and support angles. The ducting shall conform to IS:655 and it's latest amendments.	Ducts shall be with TDF Flange.Boxed at Site . Please Clarify?	Yes
23		<b>Auditorium Building -</b> Ductable Split Air-	Section B / Item No.8/Pg.no.158		Supply, installation, testing and commissioning of volume control dampers of GI sheet.	We request you to Provide the Guage .	Provide 1.60 mm Thick GI Sheet as per CPWD Specifications.
24		<b>Auditorium Building -</b> Ductable Split Air-conditioning System	Section B / Item No.11/Pg.no.159		Supply, installation, testing and commissioning of copper refrigerant piping - Liquid line and suction line of suitable diameter to ensure minimum pressure loss, necessary fittings, insulation using 25 mm thick flexible nitrile rubber sleeves and suitable interconnecting power and control wiring between the 17 TR outdoor and indoor units.	We request you to provide the autocadd drawings for the Copper Piping Quantities for the ductable units or request to mention the sizes of the copper Pippings.	as it is item rate tender. The relevent drawings will not be necessary at this stage
25		Approved Makes of Materials				We request you to consider the below Brands in your Approved List. 1. VRV - Toshiba ,LG , ETA - GREE. 2. EPS - Quality Thermopack 3. Ductable Split - Carrier ,ETA 4. Individual Split - Vestar 5. Airside Items - Cosmic 6. Ducting -Sevenstar, Shreevenus, Rolastar,Zeco.	As per approved makes given in the relevent section of the specifications.
		<b>ELECTRICAL</b>					
26		HT & LT Electrical Installation	Section V / Item No.4.1.2 & 4.1.6 / Pg.No.176		Supplying and installing following size of perforated pre-painted convenient sections, joined with connectors, suspended from the ceiling with M.S. suspenders including bolts & nuts, painting M.S. cable trays with perforation not more than 17.5%, in conventional Sections suspenders etc as required.	Kindly Clarify whether it is Hot Dip galvanised or Powder Coated Type.	Powder Coated
27		HT Equipment	Section I / Item No.1 / Pg.no.167		750 KVA .Cast resin Dry Type Transformer	Kindly Clarify whether it is on On load or Off Load tap Changer. Please mention the losses.	OffLoad Tap changer
		<b>FIRE FIGHTING</b>					
28		PART - A. Fire Water Pumping System	Item No.8/ Pg.No.69		Supplying and Laying of suitable size XLPE insulated, PVC sheathed aluminium conductor 1.1 KV grade armoured cable of following sizes on surface/in existing cable tray suitably clamped as required. a) for electrical motor driven main pump (b) for electrical motor driven Jockey pump (c) for electrical motor driven dewatering pump.	Kindly Provide the Cable Sizes .	Cables shall be sized based on 125% of Rated Current after considering derating due to Ambient, Grouping, method of laying etc

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29		PART - A. Fire Water Pumping System	Item NO.10 / Pg.No.70		Supplying and making end termination with brass compression gland & Al. lugs for following sizes of PVC insulated, PVC sheathed/XLPE Al. Conductor cables of 1.1 KV grade as required. (a) for main pump cable (b) for jockey pump cable (c) for dewatering pump cable.	Kindly Provide the Cable Sizes .	Suitable as above



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	1	Internal Plumbing and Sanitary Fittings	Sanitary Fittings			For sanitary wares and CP fittings kindly specify the model number of respective brands.	Shall be as per CPWD specifications 2009 and as per description of item.
	2	Internal Plumbing and Sanitary Fittings	Item No .6/DSR No: 17.28.1.1/pg.no.36		Providing and fixing PVC Waste pipe for sink or wash basin including PVC waste fittings complete. Semi rigid pipe ( 32 mm dia)	Kindly specify the pressure rating for the pipe	Refer CPWD Specification
	3	Internal Plumbing and Sanitary Fittings	item No : 14/ DSR No: 18.7/Pg.no.38		Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for Hot and Cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamps at 1.00m spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in charge.	Kindly specify the pressure rating for the CPVC pipe whether SDR 11 OR 13.5	Refer CPWD Specification
	4	Internal Plumbing and Sanitary Fittings	item No : 20/ DSR No: MR/Pg.no.43		Providing and fixing to the Inlet mouth of rain water pipe S.S grating 150mm diameter and weighing not less than 440 grams.	Kindly specify the outlet size of the pipe for rain water opening.	Refer BOQ item (160mm)
	5	External Domestic Sewerage line	Item No.6/ DSR Code MR/Pg.no.55		Construction brick masonry manhole size: 800 x 800mm, and depth upto 1000mm (clear inside dimension) using table moulded non-modular bricks of class designation 50 in cement mortar 1:4 including supply and fixing/ embedding of precast manhole cover with frame with clear opening 450x600/560dia with duty MD-10/ HD-20 as per IS:12592, R.C.C top slab with cement concrete 1:2:4 mix with 20mm and downsize granite metal, foundation concrete 1:3:6 with 40mm downsize metal granite inside plastering (both inside and outside walls) 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement and bed concrete complete as per design including cost of materials, labour charge, curing etc., complete as per specification and drawings. <b>Qty - 15 Rmt</b>	Construction of chambers. Please confirm the unit whether it is meter or Nos. And also specify whether it requires HD or light duty cover	Refer amendment
	6	External Domestic Sewerage line	Item No.6/ DSR Code MR/Pg.no.56		Constructing brick masonry circular type manhole 1500mm internal dia at bottom and 800mm dia at top, with table moulded and non modular bricks of class designation 50 in cement mortar 1:4, inside cement plaster (both inside and outside walls) 12mm thick with cement mortar 1:3, finished with a floating coat of neat cement, foundation concrete 1:3:6 mix using 40mm and down size granite metal and making necessary channel in cement concrete 1:2:4 mix with 20mm and down size granite metal, finished with a floating coat of neat cement, including supply and fixing of / embedding of precast manhole cover with frame with clear opening 560dia with duty HD- 20 as per IS: 12592, in cement concrete 1:2:4 with 20mm and down size broken granite metal, providing and removing centering, shuttering including cost of materials, labour charges, HOM of machineries complete as per specifications and drawings.	Circular manhole diameter at top is 800 and clear opening of the manhole asked is dia 560. Could the top diameter be considered 560.	Refer amendment III
	7	External water Supply line	Item No.3/ DSR Code-2.27 /Pg.no.58		Supplying and filling in plinth with Jamuna sand under floors, including watering, ramming, consolidating and dressing complete.	Jamuna sand filling is asked for filling in the floors. Request for river sand filling.	River sand to be used
	8	External water Supply line	Item No.5/ DSR Code - MR/Pg.no.56		Providing and fixing to wall, ceiling and floor, HDPE pipes 6.00 kg/sq.cm working pressure outside diameter, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all material, labour charges. HOM of equipments and testing, excluding cost of fittings, complete as per specifications.	HDPE piping could the butt weld joints be considered.	Adhere BOQ item

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		<b>FIRE FIGHTING</b>					
	1	Fire Protection , Fire Detection & Alarm System	Part A/ Item No:1/ Pg.no.78		Providing, laying, testing & commissioning of 'C' class heavy duty MS galvanised pipe conforming to IS 1239 including fittings, like elbows, tees, flanges, tapers, nuts, bolts, gaskets etc. fixing the pipe on the wall/ceiling with suitable clamps and painting with two or more coats of synthetic enamel paint of required shade complete as required.	Please clarify whether it is MS or GI Pipe	Please note that it is clear from tender document Mild Steel 'C' class pipes conforming to IS:1239 with Galvanised coating shall be considered under the above item.
	2	External Fire Protection System	Part B/ Item No-2/ Pg.no.75		Providing laying, testing and commissioning of Ductile Iron Class K-9 pipes conforming to IS:8329	Please confirm whether we shall consider Tyton Joints for DI piping	Please considered Ductile Iron Class K-9 pipes with Tyton Joints.
	3	External Fire Protection System	Part B/ Item No-9/ Pg.no.75		Supply & fixing of external standard hose cabinet fabricated out of 16SWG MS sheet with front glass doors to accommodate 2 nos of 63mm dia 15 meters long hose with couplings and one number of branch pipe.	We have considered hose cabinet size of 750x600x250mm .Please confirm	Noted and confirmed.
	4	Sprinkler System (Hospital Block)	Part D / item No: 2 / Pg.no.80		Supply, installation, testing of 15mm dia Gunmetal body chrome finish QB sprinklers of following types	Whether we shall consider standard response sprinklers for this item.Please confirm	Please consider standard response sprinklers.
	5	Sprinkler System (Hospital Block)	Part D / item No: 4 / Pg.no.81		Supply, installation and testing of 25mm dia x 1200 long SS flexible hose for below false ceiling sprinklers	Please confirm whether we have to consider UL listed Unbraided hose or Braided hose for sprinklers	Please consider 25mm dia x1200mm long stainless steel flexible hoses having UL listing.

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1		Approvals Required	Point 1.33,36,37/SCC	1,19 & 21		We request you to , liasioning with local bodies and obtaining all approvals of local bodies required from plinth level approval to final occupation to be in scope of client in general practice all statutory approval like environmental, tree cutting , pollution control are taken by client. All such approval not only taken time but lot of unaccounted expenses are incurred. Further additional time duration of six	Statutory approvals like Building Permit and Environmental clearance/Pollution Control will be done by client. Other routine approvals/NOC shall be contractor's responsibility.
2		Advance on plant & machinery	General			We request you to provide advance on plant and machinery	Refer G.C.C
3		Cl. 10CC payment due to increase /decrease in prices wages (excluding materials covered under clause 10 CA) after receipt of tender for works	General			We request that Cl 10CC to be made applicable for this tender	Refer G.C.C
4		Submission date	General			Tender consists of various items for which considerable amount of time will be required for a thorough study and competitive quote. This also involves acquiring quotations from various sub contractor, so we request you to extend the submission date by two weeks from current date of submission.	Last date & time of submission of tender document is extended to <b>20.05.2013 at 2.00 pm</b> Date & time of opening of technical bid - <b>20.05.2013 at 3.00 pm</b>
<b>Technical Queries</b>							
5		Soil Investigation report	General			Please provide copy of soil investigation report/bore log data.	soil investigation report attached
6		Built up area	General			Please provide the built area statement of each building	Refere relevant tender drawings
7		Fly ash admixed cement cncrete (FACC) or fly ash blended cment in cment concrete (PPCC) in RCC Structures or OPC based cement concrete.	General			please specify which type of concrete is to be used (FACC or PPCC or OPCC based)	Please see respective item description along with relevent BIS Codes.
8		Use of PPC for Cementious item other than concrete	General			Please clarify that the use of PPC for cmentious item other than concrete will be allowed.	Please see respective item description along with relevent BIS Codes.
9		Crushed sand	General			We presume that crushed sand be allowed for all concrete , masonry and bedding under stone/tile flooring.	Please follow CPWD specifications 2009.
10		Variation permissible on theoritical quantities	Clause 42/Sch F	88		We presume that the variation permissble given under this clause 42 page no 86 is applicable only for the material which are supplied by the governement.	Even on materials procured by contractor
11		Earth work	BOQ item no. 1.03.01 (Civil work)			We presume that the item is for -Hard rock-blasting prohibited	Confirmed

Sl No.	Item No.	Clause/Description	Clause No./DSR No.	Page No.	Stipulation as per Tender	Clarification Requested by contractor	Clarification by employer
12		Granite stone flooring	BOQ item No. 9.03.02 (Civil works)			Please provide the specific colour, shade like raw silk, jet black, etc.	As per CPWD Specification. Rate shall be for any colour and shade
13		Vitrified floor tiles	BOQ item No. 9.06.00 (Civil work)			Provide the type of vitrified tiles i.e, glazed for polished.	Question not clear as vitrified tile is not polished.
14		Kerb stone	BOQ item no. 19.69.00 (Road work)			Unit to be confirmed	Refer amendment -III
15		Services drawings				Please provide services drawings in soft copy format.	Will be given at appropriate time
16		EMD	General			We presume that the EMD to be drawn in favour of HLL Life Care Limited, Infrastructure Development Division, Vettamukku, Thiruvananthapuram.	Refer G.C.C
17		Defects Liability Period	Cl 2.3.14 f / ITB / 24 & Cl. 1 / SCC / Pg. 1			As per Clause 2.3.14. f / ITB / Pg. 24 DLP is 12 months from the issue of completion certificate. As per Clause 1 / SCC / Pg. 1 ( Last line of scope of Contract ) Which read as 'It also includes maintenance of these works during defect liability period and subsequently for a period of five years.' We presume that defects liability is as per Clause 2.3.14. f. / ITB / Page 24 & last line of Cl.1 / SCC / Pg. 1 is mere mistake.	The defects liability/ maintenance period may please be taken as 12 months from the date of completion of project.
18		Payments / Payment on Intermediate Certificate	Clause 7 / Schedule F/ Pg. 84			We request you to consider minimum bill amount of INR 150 Lacs for initial three bills & for rest bills minimum interim bill amount will be as per the schedule 'F'.	Adhere G.C.C
19		Space for, site office, store, steel yard , godowns, RMC Plant, labour camp etc.	General			We presume that space for site office, store, steel yard , godowns, RMC Plant, labour camp etc. will be made available free of cost within the work site.	Confirmed
20		Tube well	General			We presume that ,tube well will be permitted on the site for tapping water for construction & drinking purpose. And same shall be handed over to client after completion of work by claiming all fixed expenditure occurred during installation.	Refer G.C.C
21		Shifting / removal of existing utilities like drains, cable , overhead wires etc..	General				