

CONSTRUCTION OF 200 BEDDED CARDIOLOGY BLOCK (PHASE I) AT GOVERNMENT MEDICAL COLLEGE, KOTTAYAM

Reply to Pre-bid queries

Pre Bid meeting Date & Time: 19.04.2022 at 11 AM

Pre Bid meeting Venue: HITES Office, Golden Jubilee Block, Poojapura (Through Video Conference)

S.No.	Tender Reference	Bidder Queries	Reply by HITES
1	Vol.III, Technical Specifications	As per tender : Addressing or Labeling of detectors and devices shall be done by means of using DIP/Rotary switches. Query: Request to also approve addressing through "Electronic addressing or DIP/Rotary switches"	Terms & conditions of e-tender prevail
2	Vol.III, Technical Specifications	As per tender : The display of fire alarm control panel shall be of LCD model, with 2 x 40 character Alpha Numeric, QWERTY type. Query: Kindly approve touch screen LCD display model or LCD screen with qwerty type. Dimension as per OEM recommendation	Terms & conditions of e-tender prevail
3		G+3 Building in Tender while in drawing G+4 Floor	As per the scope of work, the proposed building is of G+3 Floors.
4		Soil Test Report not specified	Please refer Annexure I in Volume 6
5	VOL I NIT	Whether Getting approvals/ permissions of the statutory/ local/governmental agencies as required incidental to construction/ completion is in the scope of contractor	Refer Section III- Scope of work -Point No.4(vi)
6		IP based Video Surveillance System - Is this facility to be considered only during execution phase? If so, the location and number of cameras to be considered may be specified	IP based Video Surveillance System is considered during execution phase only for monitoring purpose so that the output is available in HITES Regional Office. Minimum requirement of camera is 2. <u>Specification:</u> 1) <u>Camera:-</u> 4MP PTZ, 50/60 fps image with a 1/3" 4 megapixel sensor, Excellent low-light performance with 3D noise reduction, saving storage and bandwidth together with H.265 codec, Six IR LEDs provide up to 328 ft. (100 m) of illumination in dimly lit or nighttime scenes (depending on scene reflectance), Built-in Analytics in the camera, such as face detection, including 128 GB micro SDHC card for local video storage on events, Remote configuration, motorized pan, tilt and zoom adjustments and auto focus through web client. 2) <u>Network Video Recorder :-</u> High decoding capability for full HD viewing and recording,View up to 16 channels simultaneously on your monitor (depending on your model),Up to 8 channels live view and play back at full frame rate minimum 2 MP resolution, H.264/MJPEG dual codec decoding,HDMI/VGA simultaneous video output,Supports up to 4 alarm input channels and 2 alarm relay output channels Configurable to automatically detect and respond to motion in the scene, alarm inputs, and network failure or tampering.Supports sending notifications through email, FTP and/or HTTP.Supports uploading still images at the time of the event through email and/or FTP,Supports recording a video clip of events for distribution. Minimum storage capacity of 30 days The location of cameras shall be finalised in discussion with the Engineer In charge at site.
7		Whether water & electricity required during construction phase will be provided	The bidder shall be responsible for arranging and maintaining at its own cost all materials, tools & plants, water, electricity, access, facilities for workers and all other services required for executing the work
8		Please specify where the demolition items in BOQ is for?	Portion where connecting corridor is proposed to Connect to the existing building
9		Structural drawings	Refer Vol V Drawings
10		Foundation depth and details	
11		Road Works, Lanscaping, & external works	Refer Vol IV BOQ
12		Water Tank , STP , RWT	Under Ground water tank,STP,RWH is not in the scope of this tender.

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13	Vol IV BOQ	<p>Item No 15.3 (Electrical): Lightning Protection System: In the description of the item, following clauses are mentioned which refers to a single product:-</p> <ul style="list-style-type: none"> a. " to use aluminium ferrule to make screw free joints" b. "quick installation using crimp joints" c. Single bolt joints not permitted" <p>It is requested to delete these clauses</p>	<p>Amended as: "Providing and fixing of Cross Connector/T Connector/Folding Clamp/Clamping Shoe/Expansion Piece: to route vertical down conductor /mesh formation. Folding Clamp/Clamping Shoe for metal panels (up to 20mm thickness of the metal frame): Folding clamp/clamping shoe for metal frame thickness up to 20mm, made of stainless steel SS 304/316 grade , conforms to the requirements according to (IS/IEC 62305). Expansion piece with connector: For equalising temperature related length changes. Necessary on conductors length at every 20 meters horizontally. Using round conductor 8mm aluminium conductor with straight Connector: using Aluminium Ferrule. Conforms to the requirements according to (IS/IEC 62305). Make sure all joints are strong and will be inspected at site. Galvanised Iron joints are not permitted to avoid risk of corrosion. Approved lab test certificate required"</p>

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14	Vol IV BOQ	Item No 15.6 (Electrical): Lightning Protection System: "Installation of Exothermic Weld Joints for 10mm round copper..."	Amended as "Installation of Exothermic Weld Joints or clamped joints as per IEC 62561 for 10mm round copper bonded steel conductor having 100 microns as per IS/IEC 62305. Each under ground joints has to be wrapped with petrolatum- coated chemical fibre fabric having 1.1mm thick and 50mm width "
15	Vol IV BOQ	Item No 15.7 (Electrical) : "Providing and fixing of maintenance free Earthing system....."	Amended as Providing and fixing of maintenance free Earthing system comprises of molecularly bonded copper of 99.9% purity on low carbon steel of min 3048mm length (10 feet), having a diameter of 20mm with copper bonding thickness of 250 microns as per UL 467. The Rod has to be either continuous or with self-coupling peg & bore arrangement with fault current withstand capability of 30 KA rms value for 1 second and I peak of 76 KA. The rod must be having corrosion test, peel off test for uniform coating, 180 degree bend test with out peeloff of copper bonding. Exothermic welded Clamp or universal stainless steel clamp as per NBC 2016 for clamping as suggested as per NBC 2016. Ordinary Stainless steel/Copper alloy universal clamps are not recommended. For self coupling peg & bore arrangement rod needs Impact point on the bottom rod for easy insertion. Earth enhancing mineral compound is used for improving the soil conductivity. The material shall be mineral inert to sub soil and shall not pollute the environment and non corrosive to earth rod. The material should have a resistivity less than 0.2 Ωm. It should be free from hazardous substances. The mineral compound is required to have minimum 17.5 Kg of the total composite. The compound should be chemically inert and needs to submit Govt approved Indian labs test certificate. Concrete Earth electrode inspection chamber with weight bearing capacity of 50KN. The dimension shall be 320mmx 320mmx 190mm. Approved lab test certificate required.
16	Vol IV BOQ	Item No.9 (Electrical): "Supply, Installation, Testing and Commissioning of ongrid Solar Photo voltaic Power Plant...." Please clarify the quantity mentioned.	The BOQ quantity of "1 kWp" to be amended as " 10 kWp"
17	Vol IV BOQ	Item No.9 (Civil Works): "Providing and fixing in position 12 mm thick bitumen impregnated fibre board conforming to IS: 1838, including cost of primer, sealing compound in expansion joints". Please clarify the unit	Unit : per cm depth per 100 m
18		Who will be funding this project and the availability of funds regarding	The project is funded by NABARD and Govt. of Kerala. Fund is allotted for the project.
19		Basic rate of Cement & Steel	Since escalation Clause is not applicable for the project, the basic rate is not provided.
20		Request to extend the bid submission date by 10 Days	Terms & conditions of e-tender prevail
21		Site conditions & power supply arrangements	All bidders are requested to visit the site to ascertain the volume of work related to arrangement of power supply for the project
22	Volume I NIT & Volume II GCC	How much amount will be retained during the DLP and scope during DLP	The security deposit of the contractor shall not be refunded before the expiry of Defect Liability Period (DLP) after the issue of the certificate final or otherwise, of completion of work, or till the final bill has been prepared and passed whichever is later. Please Refer Clause 1A, 17 and 42 of GCC
23		Whether EMD is exempted for MSME registered bidder	Refer Clause 2.3.6 of Section II in Vol I NIT
24		Whether the EMD Declaration Form shall be notarised	EMD Form in Rs.10 non judicial Stamp paper, Form F in Rs.100 non judicial stamp Paper, Form D shall be notarised
25	Volume IV BoQ	Item No.12 of BOQ, whether hydraulic piling is possible instead of tractor mounted rotary drilling DMC method	Terms & conditions of e-tender prevail
26	Volume I	Whether labour camp allowed inside the campus	Terms & conditions of e-tender prevail, Refer 1.5 section I in Volume I
			Deputy Vice President (IDD) HLL Infra Tech Services Ltd
	Note:	This 'reply to prebid queries' shall format part of the tender. Bidders shall submit this 'reply to prebid queries' duly signed & sealed by their authorised representative along with the bid	