

Minutes of the Pre Bid meeting for the Supply Installation Testing and Commissioning of HVAC at OPD, WCH at JIPMER, Puduchery

Date & Time: 23.05.2017 at 10.30 AM

Participants

HITES

1. Shri. N Ajayakumar, CE(FM)
2. Shri Pradeep .M, SM(Mechanical)
3. Shri. Deepak Narayan (F&A)
4. Smt. Neena.A Manager (Finance)i/c
5. Shri. Sooraj.M.s APE(M)
6. Smt Preetha Shobinathan APE(E)

Contractor

1. M/s. Metech Design and Construction engineers India P Ltd
 1. A. Harikrishnan

HITES informed the bidders that they should visit the site before quoting for the work.

<u>Sl No.</u>	M/s. Metech Design and Construction engineers India P Ltd	<u>Answer</u>
1	As per BOQ panel sheet thicknes 0.8 mm and as per Spec 0.6 mm thick with pre coated on both side. Please clarify if required 0.8 mm OR 0.6 mm and precoated both sides	Panel sheet thickness is 0.8 mm and pre coated sheet on outer side.
2	As per BOQ with suitable DIDW blower (asper approved make), blower section, with suitable external static pressure, built in pre filter(EU4), fine filter(EU7) and as per spec The AHU shall be with suitable static blower DIDW, centrifugal, forward curved blade, belt driven for hepa filter application comprising of suitable rated motor min EFF1 rated. Please clarify the blower selection suitable for EU7 OR HEPA Filter.	Blower can be selected considering the required static for the filters. The same shall be intimated to engineer in charge and got approved before supply.

3	As per BOQ The air handling units shall have 1 inlet refrigerant coils and 1 outlet refrigerant coils suitable for 1 numbers of 16.5 TR capacity ODU and shall conform to specifications. Shall we consider multiple Distribution coil for 16.5 TR (5.5 TR X 3 nos) and 11 TR (5.5 TR X 2 nos)	Multiple circuits can be considered within single out door unit.
4	AS per the drawing shall we consider the all AHU as a ceiling suspended units	All AHUs were ceiling suspended only.
5	Please share the Strip heater capacity	Strip heater capacity has to be calculated by the contractor based on the actual site condition. the strip heater can be placed inside the CSU of inside the ducting as per site condition
GEMINI SHREEWAS (ENGINEERS) P. LTD		
6	Tender to be issued free of cost.	Yes allowed
7	Payment of EMD is exempted.	Yes allowed
8	Payment of Security deposit is exempted.	Not allowed. As per tender only
9	Price preference up to 15% to MSE's over the quotation of large scale units.	Not allowed. As per tender only
10	As 30% is retained by you towards installation and commissioning, in case of delay in execution of the project due to the delays attributable to you. The 30 % is to be paid by you otherwise interest @ 18% shall be payable by you for the delayed period.	Not allowed. As per tender only
11	Size of Each area to be air conditioned with (L x W x H) mm.-	Contractor has to refer the drawing issued with Tender Documents.
12	Lighting Load and Occupancy of each ac area / room.-	Sufficient Lighting load and occupancy have considered in the design and the contractor can quote for the equipment's as per BOQ.
13	Temperature and RH to be maintained inside.	22- 24 degree Celsius with 55-60 % RH
14	Equipment load if any	Sufficient equipment load have considered in the design

15	Details of under deck insulation provided by you, if the roof is exposed.	Roof not exposed.
16	Details of finish of insulation for duct	Thermal Insulation to be done with nitrile rubber as per BOQ.
17	Electrical work is not included in this scope. Hence is it excluded?	All Electrical works related to HVAC have to be done by HVAC Contractor. Power supply isolator will be provided within 3 mtrs were ever required.
18	Civil work if any to be completed by you.	To be co-ordinated at site.
19	Details of fresh air requirement.	Contractors have to refer the drawing issued with Tender Documents.
	C Three weather control Private Ltd	
20	The applicant shall produce the credentials of the subcontractor /agency doing electrical works. The subcontractor should have valid B Grade contractor's /Supervisory license as per the rules and regulations of State Electrical Licensing Authority, for similar works. Suitable competent electrical subcontractor should engage full time Engineer/ Supervisor for the work.	The contractor/subcontractor should submit a valid B Grade contractor's /Supervisory license as per the rules and regulations of State Electrical Licensing Authority, for similar works.

The minutes of prebid meeting forms part of the tender document and the vendors are requested to seal and sign the minutes and to be submitted along with the tender document, without fail.