

**Technical Queries pertaining to Tender : Augumentation of Nuclear Medicine Department with PET-CT unit & Dual Head Gamma Camera at Jawaharlal Institute of Postgraduate Medical Education & Research (JIPMER), Puducherry (Request For Proposal)**

Sr. No.	Volume Ref	Page No.	Clause No.	As per Tender Document	Pre-bid Queries	Reply By HLL
1	Volume I	7	2.1 General, 2.2.1 (iii)	Detailed design engineering including architectural design and construction documents, structural engineering, electrical engineering, heating ventilation and air conditioning plans, medical gases and manifold plan, plan for the central sterile services department, communication and networking plan, fire detection and protection plan and waste management etc	Medical gases, Manifold & Central sterile services department will not be the part of Tender.	Refer Amendment 3.
	Volume I		2.3	The tenderer shall submit with the tender "Time Schedule" for completion of various portions of works. This schedule is to be within the overall completion period of 12 months. The detailed program in the form of a Critical Path Method (CPM) network shall include all activities starting from design to completion.	The tenderer shall submit with the tender "Time Schedule" for completion of various portions of works. This schedule is to be 12 months from the date of site handover and AERB approval. The detailed program in the form of a Critical Path Method (CPM) network shall include all activities starting from design to completion	Refer Amendment 3. The amended period of 15 months shall be inclusive of time for AERB approval.
	Volume I	10	2.2.1	Temperature should be $22 \pm 2$ degree Celsius and relative humidity should be $50 \pm 5\%$	.Humidity range should be $50 \pm 10\%$	As per equipment manufacture requirement.
	Volume I		3.2	SCHEDULE OF MILESTONES	Detailed split payment has to be given for Point 3 & Point 4.	can be paid on pro rata basis subject to the approval of milestone.

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	Volume I		2.2.1	Bidder shall be responsible for the design, installation, testing, and commissioning of the electrical system for the proposed block. Consignee will provide required three phase line from the existing substation. Approximate distance from the nearest substation is 320 m .All remain works including cabling, distribution panel, isolators, MCBs, Switches has to be done by the bidder. Bidder shall be responsible for electrical works and other cabling necessary for the efficient working of the equipment inside the proposed block. Bidder has to provide a backup of 250 KVA Diesel Generator with AMF panel for the proposed facility .Circuit breaker shall be ACB/MCCB.Panel board should be with 2 mm thick CRCA sheet manufactured by panel fabricator having valid CPRI certificate for fabricating similar type of panel. All work shall be carried out as per latest CPWD specification. Total system Gamma camera and PET/CT are to be supported with UPS with 30 minutes back up (full load)	"Bidder has to provide a backup of 250 KVA Diesel Generator with AMF panel for the proposed facility " This point needs to be removed. DG will be the scope of end user.	Proceed as per RFP.For capacity refer Amendment 3.
	Volume I	8		Bidder shall be responsible for air conditioning inside the proposed nuclear medicine department. The existing chiller has capacity to cater the demand of the proposed block. Bidder shall be responsible for supply, installation, testing and commission of the HVAC system ie AHU, ducting and other related work .Temperature should be $22 \pm 2$ degree Celsius and relative humidity should be $50 \pm 5\%$ .Total tonnage required will be around 30 TR. Proper insulation of ducting has to be done by the bidder. Bidder shall be responsible for the false ceiling work inside the proposed block. Bidder has to carry out all the works as per latest national/international standards. Heat dissipation of equipment in to scanner room should be considered in the design. Humidity control should be provided as required.	A/C in the General Toilets and pantry are not necessary as ventilation is required. In Active toilets, AC will be provided with negative pressure	Yes

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	Volume I	3		Last Date & time of Submission of Tender 23/01/2014, up to 15.00 Hrs	As discussed, we request you to amend the last date of submission of tender to 7th February 2014.	Refer Amendment 3
	Volume I	11		Factory Fabricated Ducts-Zeco, Rollarstar, Camduct, Western Air	Fabrication of A/C duct can be done at site by the bidder.	As per RFP
					List of encumbrances & underground services at proposed PETCT & Gamma Camera needs to be identified and share the details to the Equipment supplier.	No underground services.
					Mobile cylinders for Anesthesia equipments would be the scope of the End-user	will be supplied by JIPMER
		8			Flooring for UPS room & AHU room will also be vitrified tiles	Refer Amendment 3
					Details on false ceiling missing, Equipment Purchaser needs to confirm the material of false ceiling for the entire building. Equipment purchaser has to confirm on under deck insulation as there is no building in 1st floor.	GI metal Clip false ceiling in equipment rooms and grid false ceiling of mineral fibre not less than 15 mm thick in other areas
					Soil test report is required for submitting the offer. Soil test would be done by Equipment supplier after Tender is awarded. . HLL/JIPMER will give results of SBC of the RCC centre	Soil investigation comes under the scope of the bidder . An SBC of SBC- 30 t/m2 can be used as a guidance only based on available data from near by site. However, it's the responsibility of successful vendor to do soil investigation and structural design shall be done based on the soil investigation done at the proposed site

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					Considering the humidity condition of Puducherry, we suggest De-Humidifier units for the Equipment rooms must be provided by the bidders.	As per requirement
					Wall tiling at all rooms to avoid fungus needs to be confirmed in the tender	As per RFP
					Access road with blacktop from entrance of PET CT building to main road should be a scope of bidder.	already existing
					Voice/Data connection would be arranged by the End-user.	In the scope of bidder
					Networking and communication should be done for the building. From common Network switch, End user will take the connection from network switch with a Fiber optic output and connect it to existing building	Only a switch with Fiber Optic Output.
					Permission for Subcontractors of Successful Bidders to stay at site	Permitted
					Capacity of 30 TR may not be sufficient considering the huge area	Adequacy of design is bidder's responsibility.
					We request you to provide us the Soil Bearing Certificate to us. However this will only be taken as the reference and not the final. We will also confirm that Soil test would be done by us and report would be submitted to you in the case of we being a successful bidder	Soil investigation comes under the scope of the bidder . An SBC of SBC- 30 t/m2 can be used as a guidance only based on available data from near by site. However, it's the responsibility of successful vendor to do soil