

**Amendment No. 11****Date: 13.09.2023****Sub: Amendment No.11 to the Tender Enquiry Document****Ref: (i) HITES/PCD/AIIMS/CYCLOTRON/08/23-24 Dated: 16.05.2023****Section – VII**  
**Technical Specifications**  
**Medical Cyclotron****Tender ID: 2023\_HLL\_154323\_1 (Medical Cyclotron-AIIMS, Bhubaneswar)**

SN	Current Tender Specification	Amended as
1	<b>General</b>	
VI	Vendor should provide Certification from AERB for the type approval of the quoted Cyclotron .	VI. Cyclotron should be CE certified and should be type approved in the country of origin and The company shall comply and document with all the regulatory requirements of AERB
4.	<b>Comprehensive Annual Maintenance Contract (CAMC) of subject equipment:</b>	
a)	Maintenance Contract: Comprehensive maintenance contract (CMC) with all spare and labor should be quoted for a period of Five Years after the expiry of warranty period. The uptime during warranty and CMC should be more than 95 %. ( Maximum Allowed down time shall be 20 days per year considering 24 (hrs) X 7 (days) X 365 (days) basis)Trained service engineer should be stationed at Bhubaneshwar and Jodhpur on 24 hrs x 7 day's basis . As part of the contract, a remote support of 24 hrs x 7 days must be offered. This 24 hrs x7 days support must give direct access to cyclotron engineer-specialist.	Maintenance Contract: Comprehensive maintenance contract (CMC) with all spare and labor should be quoted for a period of <b>Fifteen</b> Years after the expiry of warranty period. The uptime during warranty and CMC should be more than 95 %. ( Maximum Allowed down time shall be 20 days per year considering 24 (hrs) X 7 (days) X 365 (days) basis)Trained service engineer should be stationed at Bhubaneshwar on 24 hrs x 7 day's basis . As part of the contract, a remote support of 24 hrs x 7 days must be offered. This 24 hrs x7 days support must give direct access to cyclotron engineer-specialist
	<b>Others</b>	
V	Certification: The supply should meet all statutory requirements of AERB. Type Approval Certificate from AERB should be annexed.	The supply should meet all statutory requirements of AERB. Cyclotron should be CE certified and should be type approved in the country of origin and The company shall comply and document with all the regulatory requirements of AERB
2	Decommissioning: The Tenderer must detail how its cyclotron design will reduce the neutron activation of the vault and what are its recommendations for the vault design.	Decommissioning: The Tenderer will have to explain the procedure of decommissioning of cyclotron and the associated vault as per the AERB Guidelines along with other prevailing statutory requirements and should provide the decommissioning manual. Bidder shall be responsible for decommissioning of the cyclotron in coordination with consignee as per the AERB guidelines along with other prevailing statutory requirements .The bidder shall submit the undertaking for the same without prejudice to the bidder's other obligation and liabilities under the contract. This undertaking shall be legally binding and enforceable on the bidder and if he is awarded with work/order, he has to comply as stated in the undertaking without any deviation, irrespective of the fact that even if there is a change in the authorized

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		agent of the OEM. He undertaking should be submitted by the bidder in Rs 100 stamp paper duly notarized. Also OEM should furnish an undertaking that the responsibilities and contractual obligation shall be transferred to the new authorized agent in case of change in service agency/tenderer,

**Tender ID : 2023\_HLL\_154323\_3 ( Medical Cyclotron-AIIMS, Jodhpur)**

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1	<b>General</b>	
VI	Vendor should provide Certification from AERB for the type approval of the quoted Cyclotron .	VI. Cyclotron should be CE certified and should be type approved in the country of origin and The company shall comply and document with all the regulatory requirements of AERB
4.	<b>Comprehensive Annual Maintenance Contract (CAMC) of subject equipment:</b>	
a)	Maintenance Contract: Comprehensive maintenance contract (CMC) with all spare and labor should be quoted for a period of Five Years after the expiry of warranty period. The uptime during warranty and CMC should be more than 95 %. ( Maximum Allowed down time shall be 20 days per year considering 24 (hrs) X 7 (days) X 365 (days) basis)Trained service engineer should be stationed at Bhubaneswar and Jodhpur on 24 hrs x 7 day's basis . As part of the contract, a remote support of 24 hrs x 7 days must be offered. This 24 hrs x7 days support must give direct access to cyclotron engineer-specialist.	Maintenance Contract: Comprehensive maintenance contract (CMC) with all spare and labor should be quoted for a period of <b>Fifteen</b> Years after the expiry of warranty period. The uptime during warranty and CMC should be more than 95 %. ( Maximum Allowed down time shall be 20 days per year considering 24 (hrs) X 7 (days) X 365 (days) basis)Trained service engineer should be stationed at Jodhpur on 24 hrs x 7 day's basis . As part of the contract, a remote support of 24 hrs x 7 days must be offered. This 24 hrs x7 days support must give direct access to cyclotron engineer-specialist
	<b>Others</b>	
V	Certification: The supply should meet all statutory requirements of AERB. Type Approval Certificate from AERB should be annexed.	The supply should meet all statutory requirements of AERB. Cyclotron should be CE certified and should be type approved in the country of origin and The company shall comply and document with all the regulatory requirements of AERB
2	Decommissioning: The Tenderer will have to explain the procedure of decommissioning of cyclotron and the associated vault as per the AERB Guidelines and should provide the decommissioning manual. Vendor should submit undertaking for the same from the Tenderer with legal binding.	Decommissioning: The Tenderer will have to explain the procedure of decommissioning of cyclotron and the associated vault as per the AERB Guidelines along with other prevailing statutory requirements and should provide the decommissioning manual. Bidder shall be responsible for decommissioning of the cyclotron in coordination with consignee as per the AERB guidelines along with other prevailing statutory requirements .The bidder shall submit the undertaking for the same without prejudice to the bidder's other obligation and liabilities under the contract. This undertaking shall be legally binding and enforceable on the bidder and if he is awarded with work/order, he has to comply as stated in the undertaking without any deviation, irrespective of the fact that even if there is a change in the

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		authorized agent of the OEM. He undertaking should be submitted by the bidder in Rs 100 stamp paper duly notarized. Also OEM should furnish an undertaking that the responsibilities and contractual obligation shall be transferred to the new authorized agent in case of change in service agency/tenderer,
	<b>PART C - MANPOWER REQUIREMENT, AIIMS JODHPUR</b>	
	The vendor will provide one trained Nuclear Medicine Physicist (RSO-III) for a minimum period of two years who will support cyclotron operation with production (including radio labelling) of PET tracers in the end-user's site and also do necessary maintenance so as to produce necessary isotopes for the PET scanner. Price to be quoted separately and will be considered for L1 calculation	During the warranty period, the vendor will provide one Nuclear Medicine Physicist having RSO certification for cyclotron and One radio-pharmacist/radiochemist as contract manpower to support cyclotron operation and production of PET tracers in the end-user's site at AIIMS, Jodhpur and also do necessary maintenance so as to produce necessary isotopes for the PET scanner. Price to be quoted separately and will be considered for L1 calculation

**Note: If EMD is submitted in the form of BG, then the validity of the BG should be at least 775 days from the date of tender opening.**

**All other terms and conditions of the tender enquiry remain unaltered**