PREBID QUIERIES/CLARIFICATIONS ASKED BY BIDDERS AND ITS RECOMMENDATIONS/REPLIES

NIB ref: Item: Prebid Meeting held on:

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HITES/PCD/NCI-AIIMS/29/18-19 dated 10.08.2018 16-Slice SPECT- CT Scanner (Rfx no. 3000003343) 21/08/2018

SI. No.	Ref. to the Bidding Document	Specification/Clauses in the Bidding Document	Bidder	Quieries/clarifications asked by Bidders	Recommendations/ replies by the Committee
	Technical Terms				the committee
1	9. Clinical Applications Software (Page No.50)	xvi. Dedicated licensed cardiac software Emory Cardiac Toolbox for gated cardiac SPECT quantification. If EMORY CARDIAC TOOLBOX is not available, then equivalent dedicated licensed cardiac software should be offered.	Siemens	Request you to amend as " xvi. Dedicated licensed cardiac software Emory Cardiac Toolbox/ Corridor 4DM/ Cedars for gated cardiac SPECT quantification."	To be Amended as:- Dedicated licensed cardiac software Emory Cardiac Toolbox/ Corridor 4DM/ Cedars for gated cardiac SPECT quantification.
2	9. Clinical Applications Software (Page No.50)	xxii.Latest collimator-detector response - Resolution recovery algorithm software (EVOLUTION OR IQ SPECT with necessary hardware if required)that enables half dose/ half acquisition time in SPECT including Cardiac SPECT, BONE SPECT and planar images should be offered as standard feature.	Siemens	Request you to amend as "Iterative reconstruction technology that enables half dose/half acquisition time in SPECT including Cardiac SPECT, BONE SPECT and planar images"	To be Amended as:- xxii.Latest collimator-detector response - Resolution recovery algorithm software with necessary hardware if required that enables half dose/ half acquisition time in SPECT including Cardiac SPECT, BONE SPECT and planar images should be offered as standard feature.
	Commercial Terms		State State		
	Part II: Required Delivery Schedule Page no: 44	Part II: Required Delivery Schedule: Supply, Installation and Commissioning to be completed within 120 days from the date of NOA or date of opening of LC or date of approval of layout drawing (if case applicable), whichever is later.	Siemens	Supply, Installation and Commissioning to be completed within 180 days from the date of NOA or date of opening of LC or date of site handing over with permanent power supply along with approval of layout drawing from AERB(if case applicable),	To be amended as:- Part II: Required Delivery Schedule: i) Supply to be completed within 90 days from the date of NOA or date of opening of LC or date of approval of layout drawing (if

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SI. No.	Ref. to the Bidding Document	Specification/Clauses in the Bidding Document	Bidder	Quieries/clarifications asked by Bidders	Recommendations/ replies by the Committee
				whichever is later. Justification:- PET/CT is an integral part of Nuclear Medicine fraternity, the user need to get the site layout approval from AERB to freeze the drawings and start the site modification work as per AERB guideline. Request you to please amend the clause as suggested	case applicable), whichever is later. ii) Installation and Commissioning to be completed within 120 days from the date of NOA or date of opening of LC or date of approval of layout drawing (if case applicable), whichever is later.
	PREPARATION OF e-TENDERS Point no 11.1 (A)- XV Page No 11	A self-declaration on Rs. 10/- non-judicial Stamp Paper that the rates quoted in the tender are the lowest and not quoted less than this to any Government Institution (State/Central/other Institute in India).	Siemens	A self-declaration on Rs. 10/- non-judicial Stamp Paper that the rates quoted of <i>identical description (i.e. same nature,</i> <i>class, specifications prevailing</i> <i>exchange rate, warranty, quantity and</i> <i>other commercial terms & conditions</i> in the tender are the lowest and not quoted less than this to any Government Institution (State/Central/other Institute in India). Justification:- Price Fall Clause Not limited to a time period and (c) Not limited to identical description of supplies/services.	No change considered
	GCC: Insurance: Point no 11.1-ii Page no-31	in case of supply of the imported goods on CIP Named port of Destination Basis, the additional extended Insurance (local transportation and storage) would be borne by the Supplier from the port of entry to the consignee site for a period including 3 months beyond date of delivery for an amount equal to 110% of the overall expenditure to be incurred by the purchaser from ware house to ware house (consignee site) on all risk basis	Siemens	in case of supply of the imported goods on CIP Named port of Destination Basis, the additional extended Insurance (local transportation and storage) would be borne by the Supplier/Indian Subsidiary/ local company/agency from the port of entry to the consignee site for a period including 3 months beyond beyond date of delivery for an amount equal to 110% of the overall expenditure to be incurred by the purchaser from ware house to ware house (consignee site) on all risk	No change considered

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SI. No.	Ref. to the Bidding Document	Specification/Clauses in the Bidding Document	Bidder	Quieries/clarifications asked by Bidders	Recommendations/ replies by the Committee	
				basis. Justification: Foreign vendor will cover the insurance upto airport and the local subsidiary/agency will cover the local insurance from port to site + 3 months for installation.		
	GCC Clause: Spare Parts 12.1.b.ii Page No - 32	providing the Purchaser / Consignee free of cost, the designs, drawings, layouts and specifications of the spare parts, as and if requested by the Purchaser /Consignee	Siemens	Designs, drawings or layouts etc. of spare parts are the "Intellectual Property Rights" of the Siemens Healthcare GmbH are not under sale along with the concerned equipments under the equipment supply contract. We confirm the availability of spare parts for a period of 10 years from the date of installation and provision of comprehensive warranty and services during the said period. Therefore, this would obviate the need for submission of any designs, drawings, or layouts etc. of the spare parts as required under clause 12.1(b) of GCC. Please refer to tender document HITES/PCD/PMSSY- III/31/NRSG/18-19 clause 12.1.b.ii where undertaking is required		Ask Jer
	GCC –Clause No -33 Fall Clause Page No -42	Fall clause is a price safety mechanism. The fall clause provides that if the contract holder reduces its price or sells or even offers to sell the contracted goods of identical specification and terms & conditions to that of the contract, at a price lower than the contract price, to any person or organization during the currency of the Contract, the Contract price will be automatically reduced with effect from that date for all the subsequent supplies under the Contract and	Siemens	Fall clause is a price safety mechanism. The fall clause provides that if the contract holder reduces its price or sells or even offers to sell the contracted goods of identical specification and terms & conditions to that of the contract, at a price lower than the contract price, to any person or organization <i>in India</i> during the currency of the Contract, the Contract price will be automatically reduced with effect from that	No change considered	Luc J

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SI. No.	Ref. to the Bidding Document	Specification/Clauses in the Bidding Document	Bidder	Quieries/clarifications asked by Bidders	Recommendations/ replies by the Committee	
		the contract amended accordingly.		date for all the subsequent supplies under the Contract and the contract amended accordingly. <i>This undertaking shall be valid</i> <i>until installation of the equipment but not</i> <i>later than 12 months from delivery of the</i> <i>equipment.</i> <i>Justification:</i> - Price Fall Clause Not limited to a time period and (c) Not limited India.		
	Clause 30.3 Resolution of disputes Pg 42	In the case of a dispute or difference arising between the Purchaser and a domestic Supplier relating to any matter arising out of or connected with the contract, such dispute or difference shall be referred to the sole arbitration to be appointed by the Director, AIIMS. The award of the arbitrator shall be final and binding on the parties to the contract subject to the provision that the Arbitrator shall give reasoned award in case the value of claim in reference exceeds Rupees One lakh (Rs. 1,00,000/-).	Siemens	We request for either of the following: Arbitrator should be appointed by mutual consent of the parties. If parties do not agree, arbitrator should be appointed by court. Present clause is not balanced clause and gives wide discretion to purchaser to appoint an ad-hoc arbitrator. There is wide scope for the supplier to challenge the appointment or arbitration award on grounds of the arbitrator being biased. Thus there may be delay in dispute resolution on this ground. OR Arbitrator should be from either Ministry of Law & Justice (as was done in tenders of 2017) or from an arbitration institute. Justification:- Request to please consider	No change considered	Kin For
	Integrity Pact Clause 6. Fall Clause	The BIDDER undertakes that it has not supplied/is not supplying similar product/systems or subsystems OR providing similar services at a price / charge lower than that offered in the present bid in respect of any other Ministry/Department of the Government of India or PSU and if it is		the clause as suggested The price quoted for this tender for supply of equipment does not exceed the lowest price at which we have sold equipment of identical description (i.e. same nature, class, specifications prevailing exchange rate, warranty, quantity and other commercial terms & conditions) to any	No change considered	/de for

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SI. No.	Ref. to the Bidding Document	Specification/Clauses in the Bidding Document	Bidder	Quieries/clarifications asked by Bidders	Recommendations/ replies by the Committee
		found any stage that similar product/systems or sub systems was supplied by the BIDDER to any to the Ministry/Department of the Government of India or a PSU at a lower price, then that very price, with due allowance for elapsed time will be applicable to the present case and the difference in the cost would be refunded by the BIDDER to HITES, if the contract has already been concluded.		other customer in India. This undertaking shall be valid until installation of the equipment but not later than 12 months from delivery of the equipment. Justification:- Request to amend the clause as suggested.	the committee

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PREBID QUIERIES/CLARIFICATIONS ASKED BY BIDDERS AND ITS RECOMMENDATIONS/REPLIES

NIB ref: Item: Prebid Meeting held on: HITES/PCD/NCI-AIIMS/29/18-19 dated 10.08.2018 128-Slice PET- CT Scanner (Rfx no. 3000003344) 21/08/2018

SI. No.	Ref. to the Bidding Document	Specification/Clauses in the Bidding Document	Bidder	Quieries/clarifications asked by Bidders	Recommendations/ replies by the Committee
1	Technical Terms 1) General (Page No – 57)	a) A latest technology whole body Positron Emission Tomography system with minimum 64 rows of detector capable of acquiring/generating 128 slices per rotation, DICOM ready and isotropic volume generation/production spiral CT scanner designed for providing volume measurements of metabolic and physiological processes using positron emitters, as well as for producing accurate structural and anatomical fusion images and making attenuation maps for CT based attenuation correction	Siemens	Request you to amend as "A latest technology whole body Positron Emission Tomography system detector capable of acquiring/generating 128 slices per rotation, DICOM ready and isotropic volume generation/production spiral CT scanner designed for providing volume measurements of metabolic and physiological processes using positron emitters, as well as for producing accurate structural and anatomical fusion images and making attenuation maps for CT based attenuation correction." Justification: Siemens has Straton tube with z- Sharp Technology for Acquisition of twice the number of slices –Less artifacts, higher resolution using same number of detector rowsThe unique STRATON X-ray tube utilizes an electron beam that creates two precise focal spots alternating 4,608 times per second. This doubles the X-ray projections at each detector element. The corresponding detector electronics enable a virtually simultaneous readout of two projections for each detector element, resulting in a full two-slice acquisition per detector row.	No change considered

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SI. No.	Ref. to the Bidding Document	Specification/Clauses in the Bidding Document	Bidder	Quieries/clarifications asked by Bidders	Recommendations/ replies by the Committee
				Straton tube with capacity 0 MHU (0.6 MHU capacity combined with 7.3 MHU/min (5,400 kJ/min) cooling rate is comparable to the performance of a conventional tube with approximately 50 MHU (37,000 kJ) anode heat storage capacity) and having z-sharp technology, Acquisition of twice the number of slices –Less artifacts, higher resolution using same number of detector rows.	
	3) CT Specifications (Page No – 58)	e) Detector coverage should be at least38 mm.	Siemens	Request you to amend as "Specify detector coverage. "	No change considered

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PREBID QUIERIES/CLARIFICATIONS ASKED BY BIDDERS AND ITS RECOMMENDATIONS/REPLIES

NIB ref: Item: Prebid Meeting held on:

HITES/PCD/NCI-AIIMS/29/18-19 dated 10.08.2018 Dual Particle Cyclotron (Rfx no. 3000003345) 21/08/2018

SI. No.	Ref. to the Bidding Document	Specification/Clauses in the Bidding Document	Bidder	Quieries/clarifications asked by Bidders	Recommendations/ replies by the Committee
	Technical Terms				Committee
1	Page 70	The cyclotron energy must be at least 18 MeV	Wipro GE	The cyclotron energy must be >= 15 MeV Reason:- Specs favouring one model / vendor. Hence neutralization requested. Requested same specs as mentioned later in Tender Document, page 72; A1. 1 (v)]	No change considered
	Page 70, A. (ii)	It must be an auto-ejectable cassette system that will be installed in one hot cell with four mini- hotcells for synthesis of radiopharmaceuticals.	Wipro GE	It must be an automated cassette based synthesis module installed in one hot cell with capability of consecutive FDG synthesis without the need to open the hotcell door. Reason:- Specs favouring one vendor / model. Hence neutralization requested.	No change considered
	Page 70, B.	IODINE-124 & IODINE -123 PRODUCTION: All the equipment necessary for lodine-124 & lodine -123 production must be detailed.	Wipro GE	Request to make it Optional and consider deletion of 123- lodine Reason:-Technically I-123 is a SPECT isoptope with very limited use. Besides, the difficulty of regular production as well as low yield of I-123/I-124 isotopes in a medium energy cyclotron hardly justifies the cost to benefit ratio.	No change considered
	Page 71.	MARKETING AUTHORIZATION FOR FDG: The tenderers will give support to build the files for FDG Marketing Authorization submission to local authorities.	Wipro GE	LICENSE FOR CYCLOTRON OERATION: The tenderers will provide necessary technical support for obtaining license of cyclotron operation from the regulatory body of India (AERB). Reason:- Market authorization for FDG is an activity owned by the licensee/end-user.	No change considered
	Page 71. MAINTENANCE / SERVICING (iv.)	Trained Service Engineer should be stationed on-site on 24 hrs x7 days basis.	Wipro GE	Trained Service engineer should be available on call basis. Reason:- Redundancy.	No change considered
	Section A1.1 page 72	 v. The cyclotron shall be capable of producing and accelerating protons to 	Team best	Consideration s1 and 2 please clarify if the cyclotron energy has to be higher than 15 MeV or than 10 Mev	v. The cyclotron shall be capable of

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SI. No.	Ref. to the Bidding Document	Specification/Clauses in the Bidding Document	Bidder	Quieries/clarifications asked by Bidders	Recommendations/ replies by the Committee
		an energy \ge 15 MeV with maximum extracted proton beam current \ge 150 μ A .			producing and accelerating protons to an energy \geq 18 MeV with maximum extracted proton beam current \geq 150 µA.
	Section A1.1 page 72	vii. The changeover between protons on target to protons shall be 1 min or less.	Team best	vii. The changeover between protons on target to protons shall be 1 min or less.	To be amended as:- vii. The changeover between protons on target to Deuteron shall be 1 min or less.
	Page 72	ii. The time required to establish the vacuum must not exceed thirty minutes.	Team best	ii. The time required to establish the vacuum must not exceed thirty minutes.	Amended as:- ii. The time required to establish the vacuum must not exceed 120 minutes.
	Page 72. A1. 1(iv.)	Minimum Two number control station to be connected.	Wipro GE	Minimum One control station to be connected. Reason:- Specs favouring one vendor / model. No functional requirement/importance. Hence neutralization requested.	No change considered
	Page 72. Power Consumption (iii.)	Total for 365 days (considering 6 hours/operation and 18 hours stand-by per day Power consumption: kW	Wipro GE	Total for 250 days Reason:- Considering holidays and scheduled/planned preventive maintenance shutdown.	No change considered
	Page 73. Cyclotron Control Computer (iii.)	It should be possible to fully control the cyclotron operation from multiple computer work stations, installed at different locations	Wipro GE	It should be possible to fully control the cyclotron operation from computer work station. Reason:- Specs favouring one vendor. No functional requirement/importance. Hence neutralization requested.	No change considered
	Page 74. A1. 4 (iv.)	Each beam exit port must be equipped with one extraction system.	Wipro GE	All beam exit ports must be equipped with extraction systems. Reason:- Specs favouring one vendor. Hence neutralization requested.	No change considered

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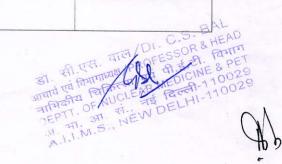
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SI. No.	Ref. to the Bidding Document	Specification/Clauses in the Bidding Document	Bidder	Quieries/clarifications asked by Bidders	Recommendations/ replies by the Committee
	Page 76. (G).	Cyclotron Solid Targetry System	Wipro GE	Request to make it Optional. Reason:- Limited Use considering high cost to benefit ratio.	No change considered
	Page 78. B. vi.	Each FDG Synthesis Unit shall be capable of ≥ 4 runs in one day.	Wipro GE	Each FDG Synthesis Unit shall be capable of at least two runs. Reason:- Specs favouring one vendor / model. Hence neutralization requested.	No change considered
	Page 81. G.	[F2-18] SYNTHESIS UNIT . [F2-18]- FLUORODOPA Module	Wipro GE	Request Deletion Reson:- FDOPA synthesis through nucleophilic module gives much better yield and specific activity of the final product.	No change considered
	Page 81. H.	[124-IODINE] – RECOVERY UNIT & [123-IODINE] - RECOVERY UNIT	Wipro GE	Request to make it Optional and consider deletion of 123- lodine. Reason:- Technically I-123 is a SPECT isoptope with very limited use. Besides, the difficulty of regular production as well as low yield of I-123/I-124 isotopes in a medium energy cyclotron hardly justifies the cost to benefit ratio.	No change considered
	Page 82. D. (b). i.	One HPGe detector coaxial 50 keV to 2 MeV, 10% efficiency, FWHM resolution 2 keV, lead shielding 5cm w/th Cu lining, digital spectrum analyser and related software.	Wipro GE	One Multi Channel Analyzer with detector and necessary shielding for radionuclidic assay with related software.	No change considered
	Page 82. D. (b). ii.	One High Pressure Liquid Chromatography (HPLC)	Wipro GE	Request deletion. Reason:- TLC is already included in the tender for checking radiochemical purity	No change considered
	Page 83. E. c. vii.	Neutron monitor : 4 no.	Wipro GE	Neutron Monitor: 1 No.	No change considered
	Page 83. F. c.	Other equipment (for example, fridge for reagent storage) shall be offered and technically described.	Wipro GE	Request full list and technical details of other equipment	No change considered

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