

Office of the Director

DR. B. BOROOAH CANCER INSTITUTE

A Grant- In- Aid Institute of Department of Atomic Energy. Govt. of India

And a unit of Tata Memorial Centre, Mumbai

Gopinath Nagar, Guwahati-781016

GST No.: 18AAALB0017E1ZW

1825.

NO. BBCI-TMC/Purchase/4825885/ /2024

Dated: 8/5/24.

CORRIGENDUM

Gem Bid No: GEM/2024/B/4825885

Tender Dated: 30-03-2024

Corrigendum No: 01

Sr. No	Specification as per Tender	Amendment Request	Corrigendum
1	Scan Specification: Slice thickness -0.5-10mm selectable range	≤ 0.625-10 mm	Scan Specification: Slice thickness should be in the selectable range of 1- 10mm
2	Up-Gradation of equipment (HW & SW)	Please Delete	Updation of equipment (HW & SW)
3	Pre dispatch inspection at factory will be required if desired by authorities.	Please mention/clarify-who will take of the Travel & Living cost for this visit.	Traveling & living cost will be borne by the vendor.
4	Demo of the quoted model, will be required if so desired by the user, after the opening of the technical bid and prior to opening of financial bid. This is for technical evaluation.	Please mention/clarify-who will take of the Travel & Living cost for this visit.	Traveling & living cost for demo of quoted model will be borne by the vendor.
5	Service tool kit hardware & software should be provided to Biomedical Engineering Department.	Delete	Following basic tool kits are required for BME Department for emergency purpose: 1. STANLEY 1/4 Drive Metric Socket Set, STMT72794-8 (Set of 46)-01 set 2. STANLEY 70-964E 12-piece Chrome Vanadium Steel Combination Spanner Set-01 set 3. Taparia 10" Hex Shank 2 Way Screwdriver (H 903)-02 set 4. Taparia 1430-6N Long Nose Plier-01 set 5. Taparia 1621-8 Steel (210mm) Combination Plier with Joint Cutter-01 no 6. Taparia 1171-8/1171N-8 205mm Steel Single Sided Adjustable Spanner Wrench-01 no 7. Bosch Professional GSB 120-LI Cordless Impact Drill Driver,

			<p>7. Bosch Professional GSB 120-LI Cordless Impact Drill Driver, 12V, 10 mm Chuck, 2 x GBA 12V 2.0Ah Battery, 1 x GAL 12V-20 Charger & Accessories Set-01 no</p> <p>8. Asian Paints TruCare 26-in-1 Pcs Hex/Allen Key Set-01 No</p> <p>9. Fluke 15B+ Digital Multimeter- 01 no</p> <p>10. Tool-kit Bag to accommodate above tools-01 no</p>
6	<p>Payment Term:</p> <p>i. % of Product Cost Payable on Product Delivery -80%</p> <p>ii. Min Cost Allocation for ICT as a % of product cost-20%</p>	Inland Letter of Credit - 80% to be released on submission of Despatch Documents & 20% to be released within 30 days of Installation.	100% payment through confirmed irrevocable Letter of Credit payable as follows: 80% to be released on submission of Despatch Documents & 20% to be released within 60 days of Installation.
7	Delivery	To be amended to 180 days from date of receipt of purchase order, inland letter of credit, site readiness along with required power, procurement Authorisation License (PAL) whichever is Later.	Delivery Period of the item to be supplied: Delivery date will be 180 days from the date of opening of Letter of Credit.
8	Uptime Warranty:98% {as per GEM]	Uptime Warranty to 95%	96% Uptime Warranty
9	Penalty for Downtime	<p>Please Remove Financial Penalty. As a Company Policy, financial penalty is not acceptable.</p> <p>Warranty Period will be extended by 2 days for single day of downtime.</p>	No change in NIT
10	Gantry: Inbuilt Laser accuracy $\leq 1\text{mm}$	Inbuilt Lasers (accuracy $\leq \pm 2\text{mm}$)	No Change in NIT
11	X- Ray System: Anode Size	Request for Delete this point	No Change in NIT
12	X- Ray System: Maximum Heat storage of anode ($\geq 8\text{MHU}$)	Maximum heat storage of anode ($\geq 6\text{MHU}$)	No Change in NIT
13	X- Ray System: Generator ($\geq 80\text{KW}$)	Generator ($\geq 75\text{KW}$)	No Change in NIT
14	Data Acquisition: Photon conversion efficiency	Request for Delete this point	No Change in NIT
15	Data Acquisition: Dynamic range	Request for Delete this point	No Change in NIT
16	Patient Support System: Weight bearing capacity 160 kg or more (Table top sagging $\leq 2\text{mm}$)	Weight bearing capacity 160 kg or more. Table should be as per the IEC60601 guidelines.	No Change in NIT

17	Scan Specification: Scan mA-30 to 800 mA or above	Scan mA -30 to 600 mA or above	Scan mA -30 to 650 mA or above
18	Hardware Feature: Graphic Overlay	Request for Delete this point	No Change in NIT
19	Hardware Feature: Image Bus Bandwidth	Request for Delete this point	No Change in NIT
20	4DCT i. Software: Prospective and Retrospective respiratory compensated/gated CT to generate 4D datasets must be compatible with all commercially available hardware and software for motion management to localize the tumour in motion. Specify the details. Required software to generate/acquire 4D CT imaging should be provided. All the necessary interfaces to connect the CT with 4D gating devices of commercially available vendors should be provided.	Prospective or Retrospective respiratory compensated/gated CT to generate 4D datasets must be compatible with all commercially available hardware and software for motion management to localize the tumour in motion. Specify the details. Required software to generate/acquire 4D CT imaging should be provided. All the necessary interfaces to connect the CT with 4D gating devices of commercially available vendors should be provided.	No Change in NIT
21	CT Simulation Accessories ,3. QA Devices: One set of Complete diagnostic QA tool kit including Laptop with license of analysing software and associated hardware, with Beam alignment test tool, focal spot test tool, high & low resolution/contrast, integrated KVp, mAs, Timer and filtration, Dose dose rate, R, etc. Pencil ion chamber with calibration certificate (Qty no:1) , connecting cables (20 metre, Qty no:2) .	Please confirm the make and model	Make: PTW. Please provide the latest available models of the QA tools. <u>Technical Specification for Laptop:</u> Brand: Dell/Lenovo/Hp 1. Processor: i7 latest generation (13 & above) 2. Operating System: Windows 10 Professional (64 bit) 3. Display: 14 inch 4. Memory: 16 GB 5. Storage: 1 TB SSD
22	Financial: Essential Spare Parts	Request for Delete this point	List of important spare parts and accessories (which are consumables in nature and do not cover under warranty/CMC) with their part number and costing must be submitted in commercial bid.
23	CMC: CMC should include upgrades / update cost, No separate software licence fees will be payable.	CMC should include update cost, No separate software licence fees will be payable.	CMC should include update cost, No separate software licence fees will be payable
24	N/A	Specify the technical details of the turnkey/site Modification for the site along with area, if any, also specify the type of wall finishes, floor finishes, ceiling required. Please	Trunkey work for supply, fitting & fixing of CT Simulator Machine. <u>Vendor Responsibility of Job:</u>

		provide the details of Electrical, Air conditioning, Fire-fighting, Furniture requirements etc.	1. Lead Glass 1200 x600, 2mm lead. 2. Dehumidifier -4 nos 3. Internal Cables: <ul style="list-style-type: none"> ● Panel to UPS ● UPS to Machine ● Emergency cables networking & Gadgets ● Door interlocking networking & Gadget.
25	Page 5 of GEM Vid Document: Delivery Days:180 days	Delivery Period of the item to be supplied: Delivery date will be 180 days from the date of handing over of clear site including area where machine under buyback is installed or issuance of Inland Letter of Credit or AERB site approval or site handover with permanent power availability, whichever is later.	Delivery Period of the item to be supplied: Delivery date will be 180 days from the date of opening of Letter of Credit.
26	<p>Payment Terms</p> <p>i. % of Product Cost Payable on Product Delivery -80%</p> <p>ii. Min Cost Allocation for ICT as a % of product cost-20%</p> <p>iii. Numbers of days allotted for ICT after readiness communication to seller -60 days.</p>	<p>Payment</p> <p>Payment</p> <p>100% payment through confirmed irrevocable Letter of Credit payable as follows: a. 90% of the purchase order value will be released after presentation of the dispatch documents at purchase's bank and own factory inspection certificate. b. 10% of the purchase order value will be paid after the successful completion of the installation and takeover of the Equipment including all Accessories on presentation of report jointly signed by the End-User. In no case shall the payment be delayed beyond 15 days after the Installation and Commissioning. Payment will be released if second party requests the first party to delay the installation or site is not ready for installation & commissioning of equipment within 60 days from the date of delivery.</p>	<p>Terms</p> <p>Terms</p> <p>100% payment through confirmed irrevocable Letter of Credit payable as follows: 80% to be released on submission of Despatch Documents & 20% to be released within 60 days of Installation.</p>
27	Page 5 of GeM Bid Document:	% of Product Cost Payable on Product Delivery: 90%	No Change in NIT

	<p>% of Product Cost Payable on Product Delivery: 80%</p> <p>Min Cost Allocation for ICT as a % of product cost: 20%</p> <p>Number of days allowed for ICT after site readiness communication to seller: 60 days</p>	<p>Min Cost Allocation for ICT as a % of product cost 10%:</p> <p>Number of days allowed for ICT after delivery of equipment: 60 days</p>	
28	<p>Technical Specification Cl. AC: Upgrades / Updates CMC: 8 years CMC for complete system. Included 4 preventive maintenance/ year and all breakdown visits. All bought out items used in system should also be included in the warranty. CMC should include upgrades / update cost, no separate software licence fees will be payable. (Should include QA, QC annually as per AERB norms.)</p>	<p>Technical Specification Cl. AC: Upgrades / Updates CMC: 8 years CMC for complete system. Included 2 preventive maintenance/ year and all breakdown visits. All bought out items used in system should also be included in the warranty. CMC should include update cost, no separate software licence fees will be payable. (Should include QA, QC annually as per AERB norms). CMC shall include all the software/ firmware updates to all the components in the solution.</p> <p>Cl. T Financials Up-gradation of essential Hardware and Software</p>	<p>Technical Specification Cl. AC: CMC: 8 years CMC for complete system. Included 4 preventive maintenance/ year and all breakdown visits. All bought out items used in system should also be included in the warranty. CMC should include update cost, no separate software licence fees will be payable. (Should include QA, QC annually as per AERB norms.)</p>
29	<p>(Page 6 of GeM Bid Document) Uptime: Additional Clause For Comprehensive Maintenance Charges 1. CMC shall include preventive maintenance including calibration as per technical/service /operational manual of the manufacturer, service charges and spares, after satisfactory completion of Warranty. During the CMC period commencing from date of the successful completion of warranty period, Service personnel shall visit each consignee site as recommended in the manufacturer's technical/ service /operational manual, at least once in six months or as per user requirement. Cost of consumables shall not be included in CMC. Further there will be 98% uptime warranty during CMC period on 24</p>	<p>(Page 6 of GeM Bid Document) Uptime:. Additional Clause For Comprehensive Maintenance Charges 1. CMC shall include preventive maintenance including calibration as per technical/service /operational manual of the manufacturer, service charges and spares, after satisfactory completion of Warranty. During the CMC period commencing from date of the successful completion of warranty period, Service personnel shall visit each consignee site as recommended in the manufacturer's technical/service /operational manual, at least once in six months or as per user</p>	<p>Uptime and other Penalty Clause will be as per BCCI Technical Specification Point No. "AD" against this bid document. There will be no change in NIT in this Uptime point.</p>

(hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CMC period by double the downtime period.

Tech. Specifications CI AD: The supplier and / or its Indian agent will be required to maintain the equipment and all its bought out items (including software updates and various licenses) used for the functionality of the system in good working condition during the warranty/ CMC period with 96% uptime guarantee. Equipment shall be fully functional to be considered as the uptime. In case of partial functionality, the proportion of functionality shall be determined and downtime shall be adjusted by such proportion (i.e. if the equipment is 70% functional, 30% downtime shall be applicable). In cases where it is not possible to definitely determine the proportion of functionality, the downtime shall be considered as 100%. The decision of the TMC-BBCI management or its representative in determining the % of the downtime shall be final and binding. Essential period to shut down the equipment entirely or partially during warranty/CMC period shall also be included in the downtime while calculating the guaranteed uptime i.e. all features as per specifications in purchase order should be functional for uptime. The penalty applicable for downtime shall be calculated on an hourly basis and will be at the rate of 0.004% per hour (0.1% per day) of the total cost of the equipment (excluding works), during and up to the period of warranty/ CMC. There shall be a permissible down time of 360 hours per year, beyond which the down time penalty will be applicable. However, in case of the downtime exceeding seven days (i.e. 168 hrs) at a stretch, the downtime beyond these 168 hours will be considered for calculation of downtime penalty. The levy of this penalty shall be at the discretion of

requirement. Cost of consumables shall not be included in CMC. Further there will be 95% uptime warranty during CMC period on 24 (hrs) X 7 (days), with penalty, to extend CMC period by double the downtime period.

Tech. Specifications CI AD: The supplier and / or its Indian agent will be required to maintain the equipment and all its bought out items (including software updates and various licenses) used for the functionality of the system in good working condition during the warranty/ CMC period with **347 days out of a period of 365 days a year (i.e. 95% uptime) 24X7.** Equipment shall be fully functional to be considered as the uptime. In case of partial functionality, the proportion of functionality shall be determined and downtime shall be adjusted by such proportion (i.e. if the equipment is 70% functional, 30% downtime shall be applicable). In cases where it is not possible to definitely determine the proportion of functionality, the downtime shall be considered as 50%. The decision of the TMC-BBCI management or its representative in determining the % of the downtime shall be final and binding. Essential period to shut down the equipment entirely or partially during warranty/CMC period shall also be included in the downtime while calculating the guaranteed uptime i.e. All features as per specifications in purchase order should be functional for uptime. **The penalty applicable for downtime shall be calculated on an hourly basis and to extend CMC period by double**

	Director, BBCI irrespective of the overall up time of the equipment throughout the period of the warranty or CMC. This clause is to ensure maximum uninterrupted service to patients and hence Director, BBCI's decision in enforcing/invoking this clause will be final and binding for all. For CMC, W.O. issued by TMC-BBCI shall be final as per D.A.E. Norms. TMC & its units shall not sign separate legal contract as per Vendor's format.'	the downtime period., during and up to the period of warranty/ CMC. There shall be a permissible down time of 430 hours (18 days x 24 hours) per year, beyond which the down time penalty will be applicable. However, in case of the downtime exceeding seven days (i.e. 168 hrs) at a stretch, the downtime beyond these 168 hours will be considered for calculation of downtime penalty. The levy of this penalty shall be at the discretion of Director, BBCI irrespective of the overall up time of the equipment throughout the period of the warranty or CMC. This clause is to ensure maximum uninterrupted service to patients and hence Director, BBCI's decision in enforcing / invoking this clause will be final and binding for all. For CMC, W.O. issued by TMC-BBCI shall be final as per D.A.E. Norms. TMC & its units shall not sign separate legal contract as per vendor's format.'	
30	Technical Specifications: Demonstration Cl. X. Demo of the quoted model, will be required if so desired by the user, after the opening of the technical bid and prior to opening of financial bid. This is for technical evaluation.	Technical Specifications : Demonstration Cl. X. Demo of the quoted model may be shown at the nearest installed based near the end user's site , will be required if so desired by the user, after the opening of the technical bid and prior to opening of financial bid. This is for technical evaluation.	Demo of the quoted model may be shown at the end user's nearest installation with having full-fledged clinical practice for demonstration of all features of the machine including 4D CT (Retrospective & Prospective Gating).
31	Price Breakup	Tender published with buyback options of old equipment. However, No price tab available to quote the buyback price on GeM portal as per the current embedded BOQ.	Please check GeM Bid Document PG No. 4 EXCELL UPLOAD REQUIRED – Price Breakup. Please upload the document along with your price bid only.
32	Control Console	N.A	A. Hardware Feature (Details to be submitted) 1. CPU & its architecture (specify details)

		<p>2. Hard disk storage capacity (≥ 500GB)</p> <p>3. Image memory size</p> <p>4. Graphic overlay</p> <p>5. Image Bus Bandwidth</p> <p>6. Confirm optimisation for the equipment & software quoted</p> <p>B. Software Feature:</p> <p>1. Pan/zoom facility</p> <p>2. Multiple image display</p> <p>3. Image annotation facility</p> <p>4. Readout of CT numbers</p> <p>5. Window & Levelling facility</p> <p>6. Distance measurement facility</p> <p>7. Manual Image sequencing facility</p> <p>8. Graphic artefact reduction: Please specify</p> <p>9. Metal artefact reduction: Please specify</p> <p>10. Oncology Special Protocol.</p> <p>C. Workstation: One additional unit of OEM multi-modality workstation having the same Hardware & Software features as the main workstation should be provided.</p>
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RLA 8/5/24

Chief Administrative Officer
Dr. B. Boroah Cancer Institute