

Office of the Director
DR. BHUBANESWAR BOROAH 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

Date: 19.07.2023

Sub: Supply, installation & commissioning of 1.5 Tesla MRI Machine on buy back basis.

GeM Bid No: GEM/2023/B/3558095, DTD. 12.06.2023

CORRIGENDUM

Sl. no	Tender Specification	Amendment request	Decision of the committee
1	-----	Payment terms should be INR letter of credit-80% to be released on delivery & 20% to be released within 1 month of installation.	Already implied in tender
2	-----	Buyback should not be considered for pricing.	Not acceptable
3	-----	Delivery- To be changed to 180 days from PO & letter of credit & site readiness	No change
4	-----	Training clause is contradictory . In clause 16 asked – onsite training of two months should be provided by the vendor to the technician. In clause 18 asked as – Application training to be provided onsite for total of two weeks by dedicated application specialist.	No change
5	Uptime Guarantee (96%) / Penalty Clause: 1. 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.	Uptime warranty should be changes to 95 %	No change
6	Uptime Guarantee (96%) / Penalty Clause: 6.However, in case of the downtime exceeding seven days (i.e. 168 hrs) at a stretch, the	Financial penalty for downtime to be removed . Warranty will be extended for 2 days for every single day of downtime.	However, in case of the downtime exceeding fifteen days (15 days)(i.e. 360 hrs) at a stretch, the downtime beyond these 360 hours will be considered for calculation of downtime penalty.

	<p>downtime beyond these 168 hours will be considered for calculation of downtime penalty.</p> <p>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.</p>		<p>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.</p>
7	Global launch date not earlier than 2018.	Global launch date not earlier than 2018 to be changed to Global Launce date not earlier than 2015.	No change
8	<p>Noise Reduction Technology should be available for all sequences. The vendor should quote their latest and most advanced acoustic sound reduction technique e.g. Quiet suite, Silenz, Comfort tone.</p>	<p>Clause 4 Gradient system point d- Noise reduction technology should be available for all sequences to be changed to noise reduction technology should be available for ART.</p>	No change
9	<p>A fully digital solid state RF system capable of transmitting power of at least 15kw or more.</p>	<p>Clause 4 RF System Point a- A fully digital solid state RF system capable of transmitting power of at least 15 kw or more to be changed to A fully digital solid state RF system capable of transmitting power of at least 10 kw or more or capable of transmitting 19uT or more RF field in bore.</p>	No change
10	<p>Dedicated breast coil / Breast imaging support along with the suitable application capable of performing simultaneous bilateral breast imaging.</p>	<p>Suitable breast coil /breast imaging support along with the suitable application capable of performing simultaneous bilateral breast imaging.</p>	No change
11	<p>The system should have the Hydrogen, single voxel spectroscopy, Multivoxel,</p>	<p>Request to delete for Prostate spectroscopy . “ It should be able to demonstrate both choline and citrate peaks . If a</p>	No change

	<p>Multi slice 2D/3D spectroscopy (Chemical Shift Imaging) for Brain Liver and Prostate. The complete processing / post- processing software including color metabolite maps should be available on main console and / or workstation. Necessary coil to be provided for Brain and Prostate Spectroscopy (For Prostate spectroscopy: "It should be able to demonstrate both choline and citrate peaks. If a separate dedicated coil and or sequence is required then same should be provided as standard and no workaround solution will be accepted")</p>	<p>separate dedicated coil and or sequence is required then same should be provided as standard and no workaround solution will be accepted" as PIRADs suggest as these peaks are not accurate and available all time.</p>	
12	<p>The system should have the facility to do head to toe imaging without shifting the patient at one go.</p>	<p>The system should have the facility to do head to toe imaging without shifting the patient at one go to be changed to the system should have the facility to do head to toe imaging with 6 feet coverage without shifting the patient at one go.</p>	<p>No change</p>
13	<p>Automated workflow for brain, MSK and Spine like Smart exam / DOT engine/Airx</p>	<p>Page 9- b)Automated workflow for brain . MSK and spine like smart exam/DOT engine/Airx. Request to remove spine automated workflow.</p>	<p>No change</p>
14	<p>Stainless steel modular RF Cabin</p>	<p>Page 9- 12.g- Stainless steel modular RF Cabin. Kindly remove Stainless Steel.</p>	<p>Copper modular RF cabin.</p>

15	-----	Payment term should be INR Letter of credit- 80% to be released on delivery & 20% to be released within 1 month of installation.	Already implied in the tender.
16	At least 60 cm patient bore.	MAGNET: b) It should be at least 70 cm and more cm patient bore with flared opening.	No change
17	Cryogen vessel 'to be of Helium only with appropriate super shielding and refrigeration facility so that helium consumption dose not exceeds 0.05 lit/hour.	MAGNET: Cryogen vessel should have a built in blue sealed technology or equivalent technology such that zero helium consumption & the system is without vent pipe.	No change
18	It should also have at least 16 or more independent RF receiver channel in a single FOV (which can be demonstrated). Please provide the bandwidth of each channel.	RF System should have at least minimum of 32 Channel/ independent RF receiver channels/ Channel independent system with each with having bandwidth of 1 MHz or more along with necessary hardware to support Quad	It should also have at least 32/42 or more independent RF receiver channel in a single FOV (which can be demonstrated) . Please provide the bandwidth of each channel.
19	Dedicated breast coil / Breast imaging support along with the suitable application capable of performing simultaneous bilateral breast imaging.	Suitable breast coil / Breast imaging support along with the suitable application capable of performing simultaneous bilateral breast imaging.	No Change in NIT
20	Flexible coil (Small) for imaging of small regions such as wrist, elbow, and ankle. Pl specify the no of element/Channel.	Flexible coil (medium) for imaging of small regions such as wrist, elbow, and ankle.	Flexible coil (medium) for imaging of regions such as wrist, elbow, and ankle.
21	Dedicated Shoulder coil for high resolution shoulder imaging. Pl specify the no. of element/ Channel.	Suitable Shoulder coil for high resolution shoulder imaging.	Suitable Shoulder coil with 8 channel or more for high resolution shoulder imaging.

22	Dedicated Knee coil with 8 channel or more for high resolution knee imaging.	Suitable Knee coil for high resolution knee imaging.	Suitable Knee coil for high resolution knee imaging.
23	-----	Suitable Coil Storage Cart should be supplied for keeping the supplied coils.	Suitable Coil Storage Cart should be supplied for keeping the supplied coils. (addition)
24	EMD Amount: Rs. 500000/-	-----	Revised EMD Amount: Rs. 14,16,000/-

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Chief Administrative Officer
Dr. B. Borooah Cancer Institute

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1. Director, BBCI
2. GeM Portal
3. BBCI Website: www.bbcionline.org.in