

e -TENDER AMENDMENT

Reference Tender Notice No: NEIGR/S&P/03/05/2018-2019; Dated: 17.05.2018 pertaining to Tender Enquiry No: NEIGR/S&P/OT/E-03/2018 -19 for processing of Accessories for Treatment Planning and Treatment Delivery and Quality Assurance and Dosimetry Instruments and Accessories with complete turnkey works, for department of Radiation Therapy /Oncology.

The following amendment /addendum are hereby being considered against the tender mentioned above:-

Sl. No.	Under Technical Specifications Schedule – II: Commissioning, Quality Assurance and Dosimetry Instruments and Accessories
	1. Ion Chambers
1	The sentence " Two No's Shielded E – type Silicon Diode Detectors, Water Proof for small fields' dosimetry " should be added as point No. F.
	2. Micro Dosimeters
2	The sentence "Two nos. micro dosimeters with Solid State/Semiconductor (Diode)/Scintillator/Diamond detectors for miniature field dosimetry; all waterproof and near water equivalent" shall stand deleted.
	3. Dosimeters/ Electrometers
3	Point No B. The sentence "Ability to connect different chambers and detectors from different manufacturers with grounded input and floating input" shall stand deleted.
4	Point No E The sentence "Should have bias variable in steps of 1 V from +/- 0 to 600 V DC" shall be read as " Should have bias variable in steps of 1 V from +/- 0 to 400/600 V DC " or define the range available
5	Point No J The sentence "The dosimeters and all the ion chambers mentioned above shall have tri-axial TNC threaded connector to facilitate uniformity amongst all the dosimetry instruments. BNC to TNC and TNC to BNC connector adapters shall also be supplied" shall be read as " The dosimeters and all the ion chambers mentioned above shall have tri-axial TNC/M threaded connector to facilitate uniformity amongst all the dosimetry instruments. M to TNC and TNC to M connector adapters shall also be supplied ".
	4. 3-D Radiation Field Analyzer (RFA):
	A. Water Phantom:
6	Point No I The sentence "A water phantom of interior dimensions at least 50x50x50 cm ³ or more with water filling and draining kit, as well as motorized system with remote control must be provided. The RFA phantom should be possible to use for maximum field size of 40x40 cm ² up to at least 40 cm depth" shall be read as " A rectangular water phantom of scanning dimensions at least 48x48x40 cm³ or more with water filling and draining kit, as well as motorized system with remote control must be provided. The RFA phantom should be possible to use for maximum field size of 40x40 cm² up to at least 40 cm depth ".
7	Point No IV The sentence "An Integrated floating levelling mechanism must be available for faster levelling of the water phantom" shall be read as " Latest Sensor technology based. Fast levelling setup ".
8	Point No VIII the sentence "Side windows may be provided for more accurate measurements by rotating the gantry on either side" shall stand deleted.
9	Point No IX The sentence "The complete water phantom should have an aesthetic design and the servo arms well supported on both the sides and movement of detector mounting by reinforced toothed belts (no Worm Gears) for better reproducibility which should be min 0.1 mm or better" shall be read as " The complete water phantom should have an aesthetic design and the servo arms well supported on both the sides and support for movement of detector for better reproducibility which should be min 0.1 mm or better ".
10	Point No XV The sentence "A Linear Detector Array of minimum 900 detectors to be mounted in the Linac and can be rotated easily to measure Wedge Profiles shall be incorporated in the system" should be added as optional item.
	B. Control Unit
11	Point No II The sentence "The Dual channel Electrometer with standard charge collection should have standard TNC connection so that any standard Detector like Ionization chamber or Semiconductor Detectors can be connected" shall be read as " The Dual channel Electrometer with standard charge collection should have standard TNC/M connection so that any standard Detector like Ionization chamber or Semiconductor Detectors can be connected ".
12	Point No III The sentence "It should be possible to connect Detectors from other manufacturers with standard connectors preferably without additional adaptors" shall stand deleted.
13	Point No VI The sentence "The Bias/polarizing voltage should be reversible and adjustable in steps of 1 volt from –480 to + 480 volts" shall be read as " The Bias/polarizing voltage should be reversible and adjustable in steps of 1 volt from –400 to + 400 volts or specify the range ".
14	Point No VIII The sentence "The control unit should be Ethernet interfaced to a normal computer and completely software driven and can be interfaced with the LDA electrometer" shall be read as " The control unit should be Ethernet interfaced to a normal computer and completely software driven and can be interfaced with the LDA electrometer as optional ".
	C. Computer System
15	Point No XI The sentence "A Simple water phantom Lifting carriage manual or automatic along with a separate water reservoir to store water when not in use should be provided along with the system. The water reservoir should be TMR compatible with 0.1 mm accuracy and smooth flow without jerks" shall stand deleted.
	5. Phantoms

	A. Water Phantoms
16	Point No I a) The sentence "Should be of open-top type with interior dimensions of at least 30 cm x 40 cm x 40 cm or more" shall be read as " Should be of open-top type with interior dimensions of at least 30 cm x 30 cm x 30 cm or more "
	B. Solid Water Phantoms
17	Point No. IV. The sentence " The Slabs shall be of 40x40 cm ² size totalling thickness of 50 cm" should be read as " The Slabs shall be of minimum 30x30 cm² or more size totalling thickness of 50 cm "
	9. 2D/3D Detector Array
18	Point No. B the sentence "The Detector array should be able to cover field sizes > 30x30 cm ² to accommodate large IMRT fields" should be read as " The Detector array should be able to cover field sizes > 24x24 cm² to accommodate large IMRT fields ".
19	Point No. D the sentence "It should have an array of more than 1000 ionisation chambers/solid state detectors" should be read as " It should have an array of more than 1000 ionisation chambers only ".
20	Point No. J the sentence "Should be able to automatically compute the Temperature and Pressure correction factor" shall stand deleted.
21	Section No. 10. " Film Processor " should be added as optional.
	14. Equipment for VMAT QA
22	The sentence " The water equivalent water phantom should be cylindrical and/or capable of rotating as the gantry rotates " should be added as another point.
23	B."Gantry Mount: One" should be read as " Gantry Mount/Equivalent Technology: One "
	C. Gantry Sensor
24	Point No II. The sentence "Integrated pressure and temperature correction" shall stand deleted.
25	Point No. IV. The sentence "Patient clearance with gantry fixture: 32.5cm for all Linac types" should be read as " Please mention the patient clearance for all Linac types "
	17. Other Physics QA Tools
	A. Films
26	Point No. I. The sentence " Kodak EDR3 Films: 10x12" and 35x43" - Two Packages each " should be added as optional items.
27	Point No. II. The sentence " Gafchromic EBT3 Films: 14x17" & - Two Packages" should be added.
28	The vendor should make sure to have all equipments and connectors compatible with the available LINAC machine at NEIGRIHMS.

Commercial Conditions:

Section I: Notice Inviting Tenders (NIT) Clause no: 14;

- The firm has to give an affidavit duly attested by the Notary Public (in original) on a non-judicial stamp paper of Rs 10/- that there is no vigilance/ CBI /FEMA case currently pending against the firm/supplier.

Section – II: General Instructions to Tenderers (GIT) Clause no: 13.5.5 (Customs Duty) and Section – IV General Conditions of Contract (GCC) Clause no: 21.1 (Payment Terms);

- Custom Duty amount to be reimbursed to supplier on submission of invoice with custom duty e-challan instead of payment of 100% payment to the foreign principals.

Section – IV General Conditions of Contract (GCC) Clause no 10.1 (Transportation of Goods);

- Part shipment is allowed subject to completion of delivery, installation as per schedule.
- Transportation /Air Transportation is allowed

Section – IV General Conditions of Contract (GCC) Clause no 15.4 (Comprehensive Warranty);

- Upon receipt of such notice, the supplier shall, within 48 hours on a 24(hrs) X 7 (days) X 365 (days) basis, repair or replace the defective goods or parts thereof, free of cost, at NEIGRIHMS. The supplier shall take over the replaced parts/goods after providing their replacements and no claim, whatsoever shall lie on the purchaser for such replaced parts/goods thereafter and the system should be in full usable and working condition.

Section – IV General Conditions of Contract (GCC) Clause no 21.1 C (Payment Terms –Payment of Turnkey);

- Turnkey payment will be made to the manufacturer's agent in Indian rupees indicated in the relevant Price Schedule (as per prevailing reference rate established by the Reserve Bank of India on the date of price bid opening /approval of the competent authority /financial concurrence, whichever is lower) and shall not be subject to further escalation /exchange variation. Payment shall be made in Indian Rupees to the Indian Agent, as per schedule, on completion of 90% of total turnkey work including wall plastering and paintings, flooring, false ceiling, fixing of doors and windows and plumbing works, internal electrical wiring, electrical work and lighting and all other related works
- Balanced 10% on delivery of furniture and handing over of the complete system.

All other terms and conditions remains the same.

For further details regarding amendment, addendum, extension and downloading of documents, please visit website: www.eprocure.gov.in /www.neigrhms.gov.in; Tel/Fax: 0364-2538032; E-mail: storeneigrhms@gmail.com.

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Stores & Procurement Officer,
For and on behalf of Director, NEIGRIHMS