

HSCC (INDIA) LIMITED
(A GOVERNMENT OF INDIA ENTERPRISE)
E-6(A), sector-1, NOIDA(U.P) 201301

Date: 18.12.2024

AMENDMENT NO. - VI

Subject: Tender for “Supply and installation of the following Medical Equipment for Pt. Deen Dayal Upadhyaya University of Health Sciences, Kutail, Karnal, Haryana.

Tender No. HSCC/PROC/DMER/SSB/Kutail/2024 Dated 10.10.2024

This has reference to the above tender, the following Amendment may be noted which shall be treated as part of the contract to be uploaded & submitted along with their tender/ bid:

1. The Last date of submission & opening of bids has been extended as follows:

Last date to fill/upload the tender: **upto 14:00 hrs. on 24.12.2024**
through e-Tendering

Date of Opening of bids : **on 24.12.2024 at 14:30 hrs.**

2. The validity of Bid Security/ Earnest Money Deposit (EMD) to be submitted by the bidders with their bid in the form of Bank Guarantee (BG) shall be considered from the original due date of bid submission i.e., from 11.11.2024.

3. Technical Amendments:

Tender Reference	Amended As
Item: High Dose Rate Brachytherapy	
B. HDR SYSTEM'S CONTROL UNIT: The HDR System's Control Unit should be a stand-alone, independent and PC based unit.....	Addition: “If the above-mentioned hardware and software configuration is not available or have been upgraded, the latest equivalent system with detail hardware and software configuration shall be quoted”
Shielded cylinder applicator- vaginal cylinder applicators – dia 20mm and 25 mm dia, shielding angle 900 and 1800.	Shielded cylinder applicator/ Multi channel cylinder applicator - vaginal cylinder applicators – dia. 20mm and 25 mm dia.
Nasopharyngeal applicator: Nasopharyngeal applicator with catheter set of at least 30 cm length (2 sets)	Nasopharyngeal applicator: Nasopharyngeal applicator with catheter set of at least 30 cm length (2 sets) (Optional item, provide if available)
Tongue Template/applicator: Tongue Template/applicator with adjustable holder of at least 10 holes and needles 200 mm, 17 gauge(10 needles)	Tongue Template/applicator: Tongue Template/applicator with adjustable holder of at least 10 holes and needles 200 mm, 17 gauge(10 needles) (Optional item, provide if available)
Flexible plastic Catheter for interstitial implant of 50 cm 300 no.	Flexible plastic Catheter feasible for interstitial implant of 300 no. (specify the details)

Tender Reference	Amended As
<p>Three Dimensional Treatment Planning System: Three Dimensional Treatment Planning system should have two work stations (one for dose calculation engines licenses and one floating contouring licenses). In case of normal work station, planning system should be supportive and can be integrated with the HDR brachytherapy system for 3D planning. The supplier should give details of the hardware and software of the system.</p>	No change
<p>Essentially Required Accessories: On-Line UPS: Two hours back-up time must be provided to provide adequate power coverage</p>	<p>Essentially Required Accessories: On-Line UPS: Sufficient back-up time must be provided for adequate power coverage for planning and treatment of the patient already implanted with applicator (specify the backup time)</p>
Item: Advanced High energy Linear Accelerator	
<p>Photons of 6, 10 and 15 MV (FF/FFF beams). The Linac shall deliver 3D CRT, IMRT, VMAT/RAPID ARC , DCAT (SRS, SRT & SBRT) , gated Delivery as package . The system should have micro MLC for practicing SRS techniques.</p>	<p>Photons of 6, 10 and 15 MV (FF/FFF beams). The Linac shall deliver 3D CRT, IMRT, VMAT/RAPID ARC , DCAT (SRS, SRT & SBRT) , gated Delivery as package .</p>
<p>Energy (MV) 6 MV FF, 6MV FFF, 10 MV FF, 10MV FFF, 15 MV FF, 15 MV FFF photon energy</p>	<p>Energy (MV) 6 MV FF, 6MV FFF, 10 MV FF, 10MV FFF, 15 MV FF photon energy</p>
<p>i) The Chiller system shall be part of the equipment shipped (factory tested).Local chillers shall be not accepted and the tender shall be rejected.</p>	<p>i) The Chiller system shall be part of the equipment (factory tested/validated) for smooth functioning/operation of the LINAC system</p>
<p>Should be able to do Precision Dual Arc technique with back and forth gantry motion</p>	deleted
Low Energy Linear Accelerator	
<p>General: Tenders are invited directly from the manufacturers/principles to supply, install and maintain the State-of-the Art Advanced Single low Energy (6MV) Linear Accelerator (LINAC) system for the Department of Radiation Oncology, Pt. DDU UHS Kutail</p>	<p>General: Tenders are invited directly from the manufacturers/principles to supply, install and maintain the State-of-the Art Advanced Single low Energy (6MV FF/ 6MV FFF) Linear Accelerator (LINAC) system for the Department of Radiation Oncology, Pt. DDU UHS Kutail</p>
<p>i. Max – 30 x 30cm² More Min- 2 x 2 cm² (for ring based)</p>	<p>i. Max – 28 x 28cm² ,Min.- 2 x 2 cm² (for ring based)</p>
<p>ODI Range and accuracy: 75 cm to 150 cm Accuracy ± 0.1 cm (gantry based) or specify.</p>	<p>ODI Range and accuracy: 75 cm to 150 cm Accuracy ± 0.1 cm (gantry based), or specify for ring based LINAC whichever applicable</p>
<p>6 MV attenuation (%) :1.9%</p>	<p>6 MV FF / 6MV FFF attenuation (%) :1.9%</p>
<p>Image acquiring: The images acquired should be fully integrated with the existing OIS system and compatible with the supplied and existing TPS</p>	<p>Image acquiring: The images acquired should be fully integrated with the OIS system and compatible with the supplied treatment planning system</p>
<p>Treatment Planning System</p>	<p>TPS shall supply with two work stations one for virtual</p>

Tender Reference	Amended As
	simulation and one for dose calculation licenses
The supplied TPS should be able to plan 3DCRT, IMRT, and VMAT for above LINAC and the other LINAC machines to be installed in the department.	The supplied TPS should be able to plan 3DCRT, IMRT, and VMAT for above LINAC.
TPS shall provide all dose optimization algorithms (including biological optimization)	TPS shall provide all dose optimization algorithms (including biological optimization, if available)
Oncology Information System	One Oncology Information System with required license
F. Dosimetry and QA Phantoms	No Change

All other terms & conditions remain unchanged.

Prospective bidders are advised to regularly visit through HSCC e-tender portal <https://hsccltd.co.in>, HSCC website <http://www.hsccltd.co.in> & CPP Portal <https://eprocure.gov.in/epublish/app> as corrigendum/amendments etc., if any, will be notified on this portal only and not be published anywhere else.

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GM (proc.)
HSCC (India) Ltd.