DEPARTMENT OF RADIODIAGNOSIS AND IMAGING
INSTITUTE OF MEDICAL SCIENCES
BANARAS HINDU UNIVERSITY

Corrigendum – 07

This is in reference with the tender with the following details:

Tender Reference Number	**BHU/RD&I/2018-19/014**
Tender I.D	**2018_BHU_330419_1**
Titled	**Supply of 3 T MRI equipment on turn-key basis in Deptt. of Radiodiagnosis & Imaging, Institute of Medical Sciences, BHU, Varanasi**
Published on Date	**24.04.2018**

Modifications in the technical bid (as appended) have been made subsequent to submissions by the vendors participating in the pre-bid meeting held on 04.01.2019. Please note that the corrigendum has the acceptance of all our technical experts (official E.Mails of external experts are also appended).

Corrigendum for Advertisement No: BHU/RD&I/2018-19/014

BID DOCUMENT

(e – Procurement - CORRIGENDUM)

Supply of 3 T MRI equipment on turn-key basis in Deptt. of Radiodiagnosis & Imaging Institute of Medical Sciences BHU, Varanasi

DEPTT. OF RADIODIAGNOSIS & IMAGING
INSTITUTE OF MEDICAL SCIENCES
BANARAS HINDU UNIVERSITY
VARANASI-221005, INDIA

CORRIGENDUM

Clause no.	Tender specification	Amendment
In the initial general preamble	Additional technical features suitable to our requirement may be given due preference. However, it would solely be the prerogative of the Technical evaluation committee (T.E.C) to evaluate and consider such submissions and the decision of T.E.C shall be final and binding on the bidder.	Deleted
4. RF System	f. The system should be capable to support all possible modes including ultrafast EPI & multinuclear capability [13C, 23Na, P31].	Deleted
	j. Broad Band RF receiver with at least 32 channel system in transmitter as well as receiver side with number of independent receiver channels that can be used simultaneously in one single scan and in one single FOV, each generating an independent partial image. Receiver Bandwidth for superior RF performance (> 1 MHz). Receiver to support 12 or more elements of parallel acquisition coils, compatible with parallel imaging techniques with Scan time reduction factors of at least upto 4 or more in 2D & 3D sequences. A RF system should be capable of transmitting enough power (please quote the value) (as per FDA guidelines), and the operating frequency should cover ^{1}H, ^{13}C, ^{23}Na and ^{31}P nuclei.	j. Broad Band RF receiver with at least 32 channel system in transmitter as well as receiver side with number of independent receiver channels that can be used simultaneously in one single scan and in one single FOV, each generating an independent partial image. Receiver Bandwidth for superior RF performance (> 1 MHz). Receiver to support 12 or more elements of parallel acquisition coils, compatible with parallel imaging techniques with Scan time reduction factors of at least upto 4 or more in 2D & 3D sequences.

6. Patient table & handling system	h. The table should have facility for mounting drip, infusion pump, physiological monitor stands.	h. The table should have facility for mounting drip, infusion pump.
8. Workstation	a. Provide a CLIENT SERVER SYSTEM with 3TB storage & 20,000 concurrent slices as standard scope of supply along with equipment. DICOM 3.0 compatibility and interfacing with other modalities must be possible. The Client /Nodes shall have the resolution, software and all functionality of a stand-alone workstation (Dexus, Intelligence Portal, Syngo Via. Etc. or higher. CONFIGURATION : 1 no. Server and 2 no.s Clients/Nodes (Please state the maximum number of nodes which can be connected to this server). Hardware of Client / Node: CPU unit , minimum 32GB RAM , Medical grade monitor of 2MP resolution & size - **21" or more** , mouse, keyboard. Hardware of Server: The server (single/dual configuration) should have image storage capacity of at least 3 Tera bytes, minimum 20,000 concurrent slice processing power and at least 32GB RAM.	a. Provide a CLIENT SERVER SYSTEM with 3TB storage & 20,000 concurrent slices as standard scope of supply along with equipment. DICOM 3.0 compatibility and interfacing with other modalities must be possible. The Client /Nodes shall have the resolution, software and all functionality of a stand-alone workstation (Dexus, Intelligence Portal, Syngo Via. Etc. or higher. CONFIGURATION : 1 no. Server and 2 no.s Clients/Nodes (Please state the maximum number of nodes which can be connected to this server). Hardware of Client / Node: CPU unit , minimum 32GB RAM , Medical grade monitor of 2MP resolution & size - **19" or more** , mouse, keyboard. Hardware of Server: The server (single/dual configuration) should have image storage capacity of at least 3 Tera bytes, minimum 20,000 concurrent slice processing power and at least 32GB RAM.
	b. Licenses: 3 nos. of concurrent license to be provided as a standard for all post-processing soft wares, one each on the main console and the two off-line clients/nodes. Concurrent license here implies the capability to access and utilize a software on all the clients/ nodes simultaneously without any processing delay or any	b. Licenses: **2 nos.** of concurrent license to be provided as a standard for all post-processing soft wares, one each on the main console and the two off-line clients/nodes. Concurrent license here implies the capability to access and utilize a software on all the clients/ nodes simultaneously without any

	other limitation during simultaneous use.	processing delay or any other limitation
Bid submission date clarification	**Last Date/ Time for receipt of bids through e-procurement is: 27-01-2019 upto 05:00PM. (Server time).** Late bids shall not be accepted.	**Last Date/ Time for receipt of bids through e-procurement is: 14.02.2019 upto 05:00PM. (Server time).** Late bids shall not be accepted.

(Tender inviting Authority)

Head of Department
विभागाध्यक्ष
Radio Diagnosis & Imaging
रेडियोडाइग्नोसिस व इमेजिंग
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