अखिल भारतीय आयुर्विज्ञान संस्थान, जोधपुर
ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR

Date: - 03rd October, 2019

Corrigendum
For
PACS-RIS for the Department of Radiology

NIT Issue Date	:	**7th August, 2019**
NIT No.	:	**Admn/Tender/27/2019-AIIMS.JDH**
Pre-Bid Meeting	:	**19th August, 2019 at 03:15 PM**
Earlier Last Date of Submission	:	**30th September, 2019 at 03:00 PM**
Extended Last Date of Submission	:	**15th October, 2019 at 03:00 PM**
Bid opening	:	**16th October, 2019 at 03:15 P.M**

The following revised and additional specification will be added:-

1.   Page No. 10, Point No 01:
For
PACS OEM should bid directly and not via channel partner:
Read as
PACS OEM/Indian subsidiaries should bid directly and not via channel partner.

2.   Page No. 10, Point No 08:
For
PACS database should be running on Oracle/Sybase.
Read as
PACS database should be running on Oracle/Sybase. Kindly highlight the same clearly in your product datasheet.

3.   Page No. 10, Point No 9:
For
The bidders should have registered their IHE Integration statement with IHE.net. Further, the RIS and PACS systems being supplied, should have implemented all transactions required in the IHE Technical Framework to support the IHE Integration Profiles with proof of their successful testing at an IHE connectathon not earlier than last 2-3 years on the website https://connectathon-results.ihe.net/.

Read as
The bidders should have registered their IHE Integration statement with IHE.net. Further, the RIS and PACS systems being supplied, should have implemented all transactions required in the IHE Technical Framework to support the IHE Integration Profiles with proof of their successful testing at an IHE connectathon not earlier than last 2-3 years on the website https://connectathon-results.ihe.net/. Print out of proof of participation for the same to be enclosed in technical bid.

4. Page No. 10, Point No 10:
New point:
The vendor will have to give an undertaking for seamless integration with another PACS vendor in future (for data migration) and also for existing database in DICOM format to be migrated to the PACS server.

5. Page No. 10, Point No 11:
New point:
VNA: The vendor should provide VNA level 3 with XDS registry and repository.

6. Page No. 11, Point No C) 1) j):

For: Performance of the solution should be consistent and 95% uptime of the working of the system should be ensured.
Read as: Performance of the solution should be consistent and 99% uptime of the working of the system should be ensured.

7. Page No. 15, Point No 3. I:
For
 c. Multimodality connectivity, advanced work list, image processing tools with electronic charting for Clinical devices
d. Should provide connectivity to Clinical devices like Critical care monitors, ventilators etc
Read as:
To be deleted

8. Page No 18, Point 4. Software Licenses A) License requirement for RIS PACS solution 7th line:
For: 200K Exams per year license for Mobility Viewer on Tablet with unlimited user license for iPad/TAB viewing licenses
Read as: 200K Exams per year license for Mobility Viewer on Tablet with **two concurrent** user license for iPad/TAB viewing licenses

9. Page No 19, Point B)
Second point
For: Oncology Quantification Software including RESIST & WHO
Read as: Oncology Quantification Software including RECIST & WHO

Fourth point:
For: PET Lesion Management Software including RESIST, WHO & Functional PERCIST
Read as: PET Lesion Management Software including RECIST, WHO & Functional PERCIST

Seventh Point:
For: MR Elastography Tools
Read as : MR Elastography Tools to be quoted if available

Eighth Point:
For: MR Tools for ADC, DTI, Spectroscopy and Fusion
Read as as: MR Tools for ADC, DTI, Spectroscopy and Fusion features to be quoted if available

10. Page No 20, Point 5 i)
First line
For: Fusion 4MP LED can be used as two seamless 2MP heads or one wide-screen 6MP display

Read as: Fusion 4MP LED can be used as two seamless 2MP heads or one wide-screen 4MP display

11.   Page No 21, Point 5 sub point v, line number 8:
For:
Operating System - Windows 7 Professional 64 bit
Read as:
Operating System - Windows 10 Professional 64 bit or higher

12.   Page No 21, Point 5 sub point vi, line number 1:
For:
Intel processor, 4GB RAM, 500 GB HDD, CD/ DVD
Read as:
Intel processor, 8GB RAM, 500 GB HDD, CD/ DVD

13.   Page No 22, Point 6 sub point I, line number 2:
For:
Dual Processor - Xeon 8 Core V4
Read as:
Dual Processor - Xeon 14 Core V4

14.   Page No 22, Point 6 sub point I, line number 3:
For:
64 GB RAM
Read as:
128 GB RAM

15.   Page No 23, Point 7 sub point *I*, sub point c:
For:
Separate Certificate for RIS
Read as: To be deleted

16.   Page No 23, Point 8 sub point b:
For:
The vendor should have installed and managed a RIS & PACS Site for more than 10 Years for at least two hospitals in India
Read as:
The vendor should have installed and managed a RIS/PACS for more than 10 Years for at least two hospitals in India

17.   Page No 23, Point 8 sub point f, further sub point 2:
For:
Should be doing a turnover of 100 Crore or more for last Financial Year
Read as:
Should be doing a turnover of 20 Crore or more for last Financial Year

18.   Page No 23, Point 8 sub point g:
For:
All the proposed IT solutions included in this tender should be from single OEM. Third party clinical OEM products cannot be quoted.
Read as:
All the proposed IT solutions (PACS, RIS, advanced post processing 3D softwares as mentioned on Page 19, point B) included in this tender should be from single OEM. Third party clinical OEM products cannot be quoted. Write the OEM product names for each component.

19.   Page no 24 Point 1 Civil works Interior

For

1. Civil works Interior		The vendors are requested to visit the site to assess the requirements of turnkey. Pertinent points may be discussed during the pre-bid for clarifications	

Read as as

1. Civil works Interior	For Server room, Reporting room and Conference room in Department. The vendors are requested to visit the site to assess the requirements of turnkey.	

20.   Page no 25 Point 10

For

10	Soft board	Providing & Fixing Soft Board panelling over framework of 25 mm x 18 mm T.W. Frame at 600 mm c/c with 6mm comm. ply skimming on top & 12mm thk. soft board with fabric finishing over 6mm ply. Complete as per drawings & directions of the Architect. 25 mm x 12 mm T. W.Moulding on edges(Basic Price of fabric RS:200 -/ meter).	

Read as

10	Soft board	Providing & Fixing Soft Board panelling over framework of 25 mm x 18 mm T.W. Frame at 600 mm c/c with 6mm comm. ply skimming on top & 12mm thk. soft board with fabric finishing over 6mm ply. Complete as per drawings & directions of the Architect. 25 mm x 12 mm T. W.Moulding on edges(Basic Price of fabric RS:200 -/ meter).	**Minimum 300 Sq Ft**

21.   Page no 27 Point 22

For

22		Wallpaper	150 sq ft

Read as

22		Customized Wallpaper	300 sq ft

22.   Page no 27 Point 23

For

23		Biomatrix Door Access System	9

Read as

23	Biomatrix Door Access System	Supply and installation of Biomatrix Door Access System with complete wiring and Magnetic lock connected with centralised computer system and software.	10
		Table and chair for Computer system	1

23.   Page no 27 Point 24
For

24		Music system for reporting room (Sony or equivalent)	1

Read as

24		PA system/Music system for reporting room (Sony or equivalent) with 4 nos speakers each set to be incorporated in false ceiling	2

24.   Page no 27 Point 25
For

25		Ergonomic furniture for the reporting room including but not limited to:	
		high quality tables with necessary modifications for optimum use in reporting room(10 in number)	
		mid back chairs(10 in number)	
		Almirahs(6 in number)	
		Lockers for doctors' use(kindly consult with the departmental team for any clarifications):20 in number	

Read as:

25	**Ergonomic Furniture**	Ergonomic furniture for the existing reporting room and Conference room:	
25.1	**Workstation Table**	Providing and making the Work stations table 600mm deep in 19mm thk commercial plywood of approved make with necessary verticals / supports as per the drawings and detail. The table shall finished from all sides with the 1 mm Thk. Laminate of approved make. The Table Top shall be provided with powder coated wire manager and complete the same all per the drawings and details and as directed. measurement will count from front height and length. High quality tables as mentioned above with necessary modifications for optimum use in Existing reporting room/Server Room/Conference room as below	
		Workstation table for 2cpu and 2/3monitors in existing reporting room	**Total 7**
		Workstation table for 2cpu and 2 monitor in conference room	**Total 2**
		Trolley for UPS (required in Server room, Existing Reporting room, Reporting Room and Conference room)	**Total 4**
25.2	**Chairs**	mid back chairs(Godrej or equivalent)	**Total 25**
25.3	**Almirah**	Almirahs, 900x1800 mm (Godrej or	**Total 6**

		equivalent)	
25.4	**Lockers**	Lockers for doctors' use(kindly consult with the departmental team for any clarifications)	40 in number
25.5	**Overhead Storage**	Overhead storage made out of 19mm th. Commercial board ISI grade and of min. 2mm core thickness, finished with 1.0 mm th. Laminate over shutters and partitions, .8mm laminate inside complete with necessary autohinges and handles in brushed steel finish s.s. of make ozone / dorma (One Side) with stainless steel door handles, etc complete.	Minimum 120 Sq Ft

25. Page no 28 Point 26
For

26		15 T of ductable air conditioning for the server room, reporting room and disaster recovery room(Brands: Bluestar/Carrier)	

Read as

26	**Ductable AC**	Supply , installation ,testing & commissioning of air cooled ductable split air conditioner with ceiling suspended IDU and all standard fitting, GSS sheet metal duct(insulation using resin bounded glass wool with 7 micron aluminium foil) for air distribution 22/24 G, IDU SS drain pan as per specification complete with suitable capacity drive motor , air cooled condenser with all accessories ,hermetically sealed scroll compressor, electronic microprocessor pendant controller with digital display, first charge refrigerant gas, vibration isolator pads, structural support for fixing IDU/ODU, safety devices including thermal protector, pressure release valve ,overload relay single phase preventer etc, power wiring and control cabling(indoor to outdoor), thermostat wiring, high-low pressure cut out suitable for 3 phase 440V supply etc complete as required.	Total 15 T in Different location as per requirement
		Input power wiring, MCbs etc for Acs	
		MS Cage for out door units	
		Complete Ducting, Damper etc work for AC's Supply and return Air flow as required	
26.1	**AC Diffuser**	600mm x 150mm Grill	8 Nos

26.   Page no 28 Point 27

For

27		Speech magic/Dragon voice recognition system with hardware and licences	15 pieces of hardware with provision for 15 concurrent users and 40 user voice profiles

Read as

27		Speech magic/Speech one/Dragon voice recognition system with hardware and licences	15 pieces of hardware with provision for 15 concurrent users. 15 user voice profiles (if ratio of hardware to profile is 1:1) and 40 (if the ratio of hardware to profile is 1:3)

27.   Page no 28

Please Add (New Point)

28	**UPS**	Supply and installation of online UPS with required accessories, Input/output cabling, MCBs and links with 15 minutes of backup	Total 40 KVA in Different location as per the requirement
28.1	**Racks**	Supply and Installation of different size of racks as below-	
		Rack Size 42U with KVM Switch with built in monitor, patch panel,cable panel,Dual vertical PDU,MCB,Fan,power cable and other hardwares in complete in Server room	2 Nos
		12U Rack with Patch Panel,cable manger,PDU,MCB,Fan,power cable, and other hardwares in complete in reporting room	1 No
		9U Rack with patch panel,cable manger,PDU,MCB,Fan,power cable and other hardwares in complete in existing reporting room	1 No
		6U Rack patch panel,cable manger,PDU,MCB,Fan,power cable and other hardwares in complete in conference room	1 No
28.2	**Blinds**	Supply and Installation of high quality blinds for windows in Existing reporting room	6 Nos
28.3	**Door Closer**	Supply and Installation of High Quality Door Closer	8 Nos
28.4	**Podium**	Supply and Installation of Heavy-Duty Steel Podium with In-built Reading light	1 Nos
28.5	**GSM signal booster**	Supply and Installation of GSM Extender for required area with complete power etc…to complete the full functioning.	4 Nos

28.6	**CCTV Camera**	High resolution CCTV camera to be installed in department with wiring and central connection with a computer (As per requirement of department)	4 Nos

28. **Page no 28 Point 01**
For

01	Work station with pedestal	Providing and making the Work stations table 600mm deep in 19mm thk commercial plywood of approved make with necessary verticals / supports as per the drawings and detail. The table shall finished from all sides with the 1 mm Thk. Laminate of approved make. The Table Top shall be provided with powder coated wire manager and complete the same all per the drawings and details and as directed. measurement will count from front height and length		7 in number to be used in the existing reporting room of the department
02	Overhead storage	Providing and making the Over Head Storage 600mm deep in 19mm thk commercial plywood of approved make with necessary verticals / supports as per the drawings and detail. The table shall have finish from all sides with the 1 mm Thk. Laminate of approved make. The Table Top shall be provided with powder coated wire manager and complete the same all per the drawings and details and as directed. measurement will count from front height and length		To be used in the room to be used as departmental library(area approximately 100 sq feet)
03	Racks for books			to be used for book storage as per discussion with the departmental committee

Read as
To be deleted

29. **Page no 29 Point 1 Point Wiring and Sub-mains wiring, Subpoint 1.1, a**
For

a	Primary Light point controlled by one 6A SP switch	no	10
b	Same as item 1.1 above but secondary point i.e. points to be looped with primary point	no	5

Read as

a	Primary Light point controlled by one 6A SP switch	no	24
b	Same as item 1.1 above but secondary point i.e. points to be looped with primary point	no	12

30.   Page no 29 Point 1 Point Wiring and Sub-mains wiring, Subpoint 1.2, a
For

a	(1 Socket + 1 switch)	no	30

Read as

a	(1 Socket + 1 switch)	no	10

31.   Page no 29 Point 1 Point Wiring and Sub-mains wiring, Subpoint 1.3, a
For

a	One outlets per circuit.	no	20

Read as

a	One outlets per circuit.	no	75

32.   Page no 29 Point 1 Point Wiring and Sub-mains wiring, Subpoint 1.5, a
For

a	One outlets per circuit.	no	10

Read as

a	One outlets per circuit.	no	14

33.   Page no 30 Point 3 Fittings and fixtures, Subpoint 3.1, a
For

a	34W 600x600 LED Light Make (Philips/ Havels/Wipro)	no	15

Read as

a	34W 600x600 LED Light Make (Philips/ Havels/Wipro)	no	12

34.   Page no 30 Point 4 Computer system wiring, Subpoint 4.1
For

4.1	Supply and drawing of CAT 6e Lan cable AMP in the floor trunking/conduit including connections etc. complete as required compatible with ferruls for numbering	RM	305
	25mm MS conduit including wall chipping laying and fixing	RM	100

Read as

4.1	Supply and drawing of CAT 6e Lan cable AMP in the floor trunking/conduit including connections etc. complete as required compatible with ferruls for numbering	RM	1220
	25mm MS conduit including wall chipping laying and fixing	RM	1220
	Supply and drawing of CAT 5e LAN cable AMP in the floor trunking/conduit	RM	610

	including connections etc. complete as required compatible with ferruls for numbering		
	25mm PVC conduit including wall chipping laying and fixing	RM	610

35. Page no 30 Point 4 Computer system wiring, Subpoint 4.2
For

a	One data per point	no	20
b	One voice point	no	10

Read as

a	One data per point	no	20
b	One voice point	no	10
c	Patch Cord 1 Mtr	no	40
d	Patch Cord 2 Mtr	no	40

36. Page no 31 Point 7 CABELS, Subpoint 7.1, b
For

b	3.5 core 95 sqmm	RM	100
	6 Pair armoured Fiber Optics cable	RM	100
	fibre patch cord	No	12

Read as

b	3.5 core 95 sqmm	RM	50
	6 Pair armoured Fiber Optics cable	RM	2000
	fibre patch cord	No	24

37. Page no 31 Point 1 ACCESS CONTROL SYSTEM, Subpoint 1.2.1
For

1.2.1	Microprocessor Based Fully Software Controlled 2 Door Controller with LCD Display & Key-Pad + Power Supply built in Battery Back-up.	1	no

Read as

1.2.1	Microprocessor Based Fully Software Controlled 2 Door Controller with LCD Display & Key-Pad + Power Supply built in Battery Back-up.	2	no