## Minutes of the Meeting

The meeting of the Committee constituted vide office order No. 143-145 dated 09.02.2026 regarding Pre-bidding Meeting of the e-tender for "Supply, Installation, Testing and Commissioning of Hospital Equipment and Instruments" was held on 19.02.2026 at 11.00 am onwards in the University Conference Hall. The following were present : -

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| 1. | Prof. (Dr.) Rajender Singh | Nodal Officer |
| 2. | Prof. (Dr.) Ashu Vinaik | Member |
| 3. | Prof. (Dr.) Suniti | Member |
| 4. | Sh. Ashok Kumar Grover | Finance Officer |
| 5. | Sh. Vikas sharma | Deputy Registrar |
| 6. | Er. Vinod Nirban | BME, DDUHS, Kutail (online) |

**Minutes: –**

1. Representatives of four firms attended the meeting as per attendance sheet. One representation through email from Allengers was received and considered by the committee.
2. The representatives of the firms made a request to decrease the tender document fee from Rs. 20000/- and resolved that it is as per Govt. notification dated 23.04.2008.
3. The representatives of the firms made a request to review the point 56 (2) (ii) regarding terms and mode of payment which was clarified that it applies for the rest twenty percent payment, not for eighty percent of the payment.
4. The representation of the Allengers was considered (however no representative of the same attended the meeting) and resolved accordingly which will be uploaded. (ANNEXURE-I)

The meeting ended with vote of thanks.

Attended online
(Er. Vinod Nirban)

(Ashok Grover)

19/02/26
(Vikas Sharma)

(Dr. Suniti)

(Dr. Ashu Vinaik)

19/02/2026
(Dr. Rajender Singh)
Nodal Officer

ANNEXURE-I

**oiding committee dated 19.02.2026**

| S. No. | Required/Asked Specifications | Firm Submission | Committee Observations |
|---|---|---|---|
| 1. | 2. Output power 5 KW or more | Kindly amend it as "Output power minimum 6 KW. Higher power output in a Mobile DR system enables delivery of higher mA at the required kVp, ensuring adequate X-ray penetration even in dense anatomical regions such as spine, pelvis, and obese patients. It allows the required mAs to be achieved in a shorter exposure time, thereby reducing motion artifacts and improving image sharpness, especially in ICU and bedside examinations. Additionally, sufficient photon flux reaching the Flat Panel Detector enhances signal-to-noise ratio (SNR), reduces quantum noise, and ensures consistent, high-quality diagnostic images across varied clinical conditions. Therefore, Minimum Power output should be 6KW or more. | Already exists as word "or more". |
| 2. | 3. KV Range – 40 to 110 KVp | We request to amend it as **KV range: 40 to 120 KV. A kV range of 40–120 kVp** is preferred over 40–110 kVp because the extended upper limit provides greater flexibility and improved penetration for thicker anatomical regions such as pelvis, abdomen, spine, and obese patients. The availability of 120 kVp ensures adequate beam energy for optimal detector exposure, better signal-to-noise ratio, and reduced repeat exposures in high-attenuation cases. Limiting the system to 110 kVp may restrict performance in demanding clinical applications, whereas 120 kVp supports a wider spectrum of routine and emergency radiographic examinations with consistent image quality | 110 is minimum KV range on higher side. |
| 3. | 9. 12" or more Full Touch Screen Display for Image Acquisition | We request to amend it as **18.5" or more Full Touch Screen Display for Image Acquisition.** A bigger screen size in a Mobile DR system is recommended because it provides enhanced visibility of acquired images, allowing better assessment of anatomical details, positioning accuracy, collimation margins, and exposure adequacy directly at the bedside. Larger displays reduce eye strain, improve workflow efficiency, and enable clearer visualization of patient data and imaging parameters simultaneously, which is especially important in ICU and emergency settings. Compared to a minimum 12" touch screen, a larger monitor supports more confident on-the-spot image evaluation, reduces repeat exposures, and enhances overall diagnostic reliability | Already exists as word "or more". |
| 4. | 13. Portable 14x17 inches (36 x 43cm) wireless detector | We request to amend it as Portable 14x17 inches (36 x 43cm) wireless detector. The detector size **14" × 17" (35 × 43 cm)** is the globally recognized and industry-standard dimension for wireless Flat Panel Detectors. The 35 × 43 cm format aligns with international manufacturing standards, cassette compatibility, and grid dimensions, ensuring better interoperability and ease of replacement. Specifying 35 × 43 cm instead of 36 × 43 cm avoids unnecessary restriction, maintains compliance with worldwide norms, and allows participation of broader, globally accepted detector models without affecting clinical coverage or imaging area | Both are same |
| | 14. Latest Technology IGZO Flat Panel | We request to amend it as Latest Technology **a-Si (Amorphous Silicon) with CsI scintillator detector.** Specifying **IGZO Flat Panel technology** is restrictive and technology-specific, as IGZO refers only to a particular thin-film transistor (TFT) material. To ensure wider participation and fair competition, the specification should be amended to **a-Si (Amorphous Silicon) with CsI scintillator detector**, which is a | Not supported with documents<br>IGZO is latest technology. |

(Er. Vinod Nirban) (Ashok Grover) 19/2/26 (Vikas Sharma) (Dr. Suniti) (Dr. Ashu Vinaik) 19/2/2026 (Dr. Rajender Singh)

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| | | globally accepted and widely proven detector technology in Digital Radiography systems. a-Si/CsI detectors provide excellent DQE, high image quality, and reliable clinical performance while allowing multiple reputed manufacturers to participate without limiting the tender to a single proprietary technology | |
| 6. | 16. The Pixel Matrix should not be lesser than 2560 x 3072 pixels | We request to amend it as The Pixel Matrix should not be lesser than 2500 x 3000 pixels; as it does not impact the quality of the image.<br>The amended specification ensures sufficient effective pixel count for routine radiographic examinations without limiting participation to specific models, thereby promoting fair competition and broader vendor participation without compromising diagnostic performance. | Pixel Matrix is as per the requirement |
| 7. | 22. The Flat Panel Detector and software of same manufacturer. | We request to amend it as The X-Ray Generator, Flat Panel Detector and image acquisition software should be from same principle manufacturer for better image quality and seamless connectivity. | Already exists. |
| 8. | 24. The unit should be operable on 200- 230 Volts, AC, 50 Hz 15 Amps with regulation of ± 15% .Line resistance < 0.4 ohms. | We request to amend it as<br>The unit should be operable on 230 Volts, AC, 50 Hz 15 Amps with regulation of ± 10%. Line resistance < 0.4 ohms. | Both are same. |
| 9. | 26. Quality certificate Flat Panel Detector should be CE and US FDA Approved. | The complete unit should be EU CE / US FDA Approved.<br>X-Ray machine should BIS Compliant & AERB Approved. | Already exists |
| 10. | 27. X-Ray machine should BIS Compliant & AERB Approved | | |
| 11. | Combined EMD Rs. 4,22,900/- asked for All equipment's. | You are requested to split the EMD equipment wise so that we will participate for our equipment only. | Splitting of EMD is not permissible. |

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