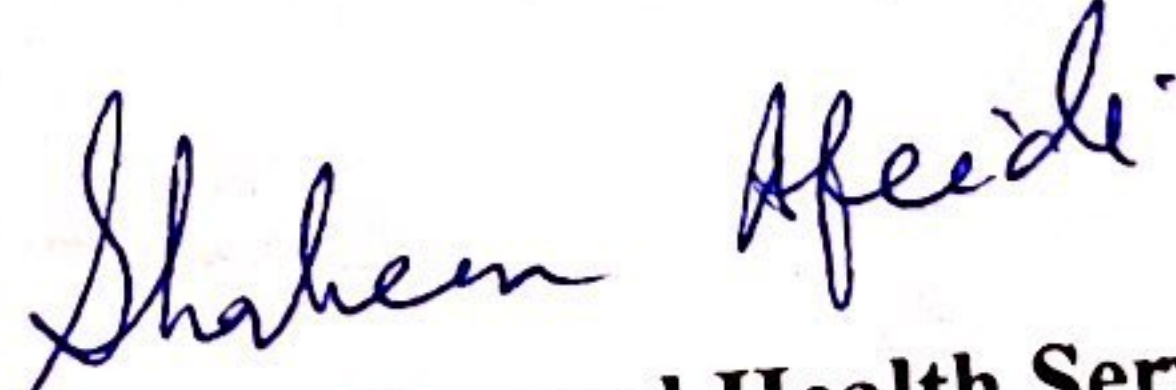


## **CORRIGENDUM/ADDENDUM 2**

### **SELECTION AND RATE CONTRACTING FOR THE PROCUREMENT OF MACHINERY & EQUIPMENT FOR THE YEAR 2022-23**

Reference this directorate invitation for bids (IFB) INF (P) 3235/22 dated 03-06-2022 and corrigendum vide INF (P) 3743/22 dated 24-06-2022 addendum published in various newspaper the following may be read as under;

- *Last date for submission of bids may be read as Friday 08-07-2022 till 10:30 AM and will be opened on same day at 11:00 instead of Tuesday 05-07-2022.*
- Other terms and conditions will remain the same and Proposed changes are uploaded on official websites of Health Department KP and KPPRA

  
Director General Health Services  
Khyber Pakhtunkhwa, Peshawar





## MINUTES OF THE MEETING

In pursuance to hoisting of the revised BSDs after category-wise pre bid meetings held on 13<sup>th</sup>, 14<sup>th</sup> and 15<sup>th</sup> June, 2022 at 1030 hours with the prospective bidders on official websites Health Department as well as KPPRA, M/S Siemens Healthineers and M/S Hooraa Pharma submitted their reservations on the revised specifications of Digital Fluoroscopy Machine, CT Scan Machine 128 slices and Mammography System., a special emergency meeting of the S&RC Committee for the Selection & Rate Contracting for Machinery and Equipment for the FY 2022-23 was held on 28<sup>th</sup> June, 2022 at 10.00 AM. Attendance Sheet is attached at Annex-I.

Meeting started with recitation from the Holy Quran.

The Chairman welcomed the participants and gave a brief on the objective of the meeting. The participants were informed regarding reservations of the above mentioned firms and a detailed deliberations were held. Item wise reservations and subsequent decisions of the committee are as under:-

### M/S Siemens Healthineers

#### 15. Digital Fluoroscopy Machine:

S.No.	Tender specifications	Amendments request/suggestions	Firm's comments	Comments of the S&RCC	Decisions of the S&RCC
1.	Maximum mA Fluoroscopy: 4 mA or more	This clause should be changed as 80mA or more	This clause may please be changed to make it generalized	The appellant is already in better range, as minimum mA is better for patient's care	Regretted
2.	Diagnostic+90/-25 or more degree remote controlled Rad/Fluoroscopic Table	To amend this as +89/-45 or more	It is one of the most important feature this is compromised in the revised specifications	During the pre-bid meeting it was decided as +90/-25 for healthy competition. +89/-45 restricts healthy competition.	Regretted
3.	Detector Type: amorphous silicon	Detector type: Dynamic Detector	This clause may please be change to make it generalized	The observation is considered correct and necessary changes are incorporated and read detector type as per	Agreed and amended as per manufacturer

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4.	Pair of HT cable: Not less than 15 meter	Not applicable	This clause may please be deleted as it is not applicable.	manufacturer. The length is specified as 15 meter and change as to as per requirement of the site.	Agreed and amended as per job requirement
5.	2 No's 21 inch or more LCD medical grade monitor (Model and make must be mentioned) on trolley.	To amend this as 19 inches LCD or more	This clause may please be changed to make it generalized	The LCD is 3 <sup>rd</sup> party item; but to ensure healthy competition, the screen size is changed from 21" to 19".	Agreed and amended as 19 inch or more medical grade
6.	Active Area nominal: 14x14 inch	To amend this as 17x17 inches or more	It is important for fluoroscopic view as larger detector allows better anatomical coverage, especially lower abdomen, pelvic region and peripheral vascular + chest... especially bariatric (bulky) patients	By increasing the detector area size to 17x17 does not affect the quality of image. The detector size is 14x14 and 17x17 is better than the requirement and already in range; while the pixel size is changed to not more than 160 for healthy competition	Regretted
7.		FDA 510K is to be added as mandatory requirement for quoting such a high-end equipment		02 out of 03 product manufacturer certificates are mandatory. FDA 510K will restrict healthy competition.	Regretted

46. **CT Scan Machine(128 slices):**

S.No.	Tender specifications	Amendments request/suggestions	Firm's comments	Comments of the S&RCC	Decisions of the S&RCC
1.	Generator output of up to 550 mA or more	600mA or more for all applications. It is because 600mA is recommended for cardiac scanning	This clause may please be amended as all vendors have it.	Generator output of 550 mA or more already covers 600 mA range and 550 mA or more is applicable for all types of scanning.	Regretted

*Q*



2.	High frequency power generator with minimum power of at least 90KW or more should be capable of variable KV setting in steps from 80 KVP to 140 KVP.	Should be from 70-140 KVP. 70 KVP is recommended for high contrast imaging and paediatric imaging	This clause may please be change to make it applicable for all category patients: child to adult.	The appellant range is already in the defined range of specifications. By making changes from 80 to 140 KVP to 70 to 140 restricts healthy competition.	Regretted
3.	Reconstruction of at least 30 images frames per seconds or better at 512x512 matrix. Image area display matrix dimensions (1024x1024).	Or 23 images frames per second for pre-processed imaging technique.	This clause may please be changed to make it generalized	For better image quality, the image frame per second must be better.	Regretted
4.	Better, for selection of period of least motion in cardiac cycle (temporal resolution of 44 millisecond or less will be preferred.	Or 83 milliseconds bi-segment	Siemens believe in actual vales rather effective values using motion correction software.		Regretted
5.	DSA on console & workstation with manufacturer's dedicated software.	DSA on console/ workstation with manufacturer's dedicated software.	This clause may please be changed to make it generalized	DSA is required on console and workstation.	Regretted

#### 47. Mammography System:

S.No.	Tender specifications	Amendments request/suggestions	Firm's comments	Comments of the S&RCC	Decisions of the S&RCC
1.	KV range: 23 kv to 49 kv or better	This should be change to kv range: 23 kv to 35 kv or better	This should be changed as the basic screening does not require such a high kv. All companies including us have products equivalent to this range.	For heavy fatty breast, requires high mA penetration, so no change is required.	Regretted

OK



2.	Anode Heat Storage Capacity: 300 kHU or more	This should be changed to Anode Heat Storage Capacity: 160 kHU or more or better.	This should be changed for healthy competition and make it generalized. Since low dose radiation is recommended for breast imaging and there will be lesser load on the tube during exposure, so no need of higher Anode Heat Storage Capacity in Mammography Machine as proved by our R&D.	For KV range from 23 kv to 49 or better, the Anode Heat Storage Capacity required as 300 KHU or more.	Regretted
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**M/S Hoora Pharma:**

S.No.	Tender specifications	Amendments request/suggestions	Firm's comments	Comments of the S&RCC	Decisions of the S&RCC
1.	21 inch or more LCD medical grade monitor on trolley.	It should be 19 inch	Image quality will be sharper on small size as compared to big screen	The LCD is 3 <sup>rd</sup> party item; but to ensure healthy competition, the screen size is changed from 21" to 19" or more medical grade	Agreed
2.	Active Area nominal: 16x16 inch Pixel size not more than 150 um.	Detector size should be 17x17 inches pixel size: not more than 160 um.	Detector size should be 17x17 to cover complete body	By increasing the detector area size to 17x17 does not affect the quality of image. The detector size is 14x14 and 17x17 is better than the requirement and already in range; while the pixel size is changed to not more than 160 for healthy competition.	Agreed and amended as the change of detector area size from to 17x17 is regretted.
3.	Small focus: 0.6x0.6mm	Small focus: 0.6mm Large focus: 1.2mm	Each manufacturer has their own focal pot size and	The focal spot has already been changed in	Agreed and amended as



	Large focus: 1.0x1.0mm Anode Heat Storage Capacity: 800 KHU or better	Anode Heat Storage Capacity: 600 KHU	KHUs	pre bid meeting to Small focus: 0.6x0.6mm Large focus: 1.2x1.2mm	to the change of small focus and large focus and change of Anode Heat Storage Capacity from 800 KHU to 600 KHU is regretted.
4.	Oblique incidences: +/-40" or better along with a longitudinal displacement of 40cm or better	Oblique projection should be +/-30"	Our principle does not offer more than that.	The changes are incorporated for healthy competition from +- 40" to +-30"	Agreed
5	Pair of HT cable: Not less than 15 meter	It should be as per manufacturer	Each manufacturer has its own dimensions	The length is specified as 15 meter and changed to as per requirement of the site.	Agreed and amended as per work requirement