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**OFFICE OF THE  
INSPECTOR GENERAL OF PRISONS, SINDH**

Pir Illahi Buksh Road Muslimabad, Karachi.

No.SB-1/ 9407/10 Dated: 25 MAY 2015

**CORRIGENDUM**

Technical Specification of Digital X-Ray Machines 300mA whose bids have been invited on 03.06.2015. N.I.T published in various newspapers i.e. Daily Jang, Daily The Nation, Daily Ibrat, Daily Kaleem etc vide No.INF-KRY-1934/2015 and bid document hoisted on SPPRA website vide serial No.24223 is modified here as under:

<b>X-RAY MACHINE</b>	300mA-125KVP Full Wave Solid State Silicon Rectified X-Ray Generator for Radiography.
<b>RATING</b>	RADIOGRAPHY: 40 to 125 KVP  Small Focus: 50mA at 40 to 125 KVP 100mA at 40 to 125 KVP  Large Focus: 300mA at 40 to 125 KVP 200mA at 40 to 100 KVP
<b>TIMER</b>	Solid State Electronic Timer with timing range from 0.01 to 5 Sec. (in 24 steps).
<b>CONTROL</b>	Consisting of Push to On & OFF Switches, with Voltmeter, mA meter, Quick trip-overload circuit breaker (Automatic safety system to block unwanted exposure factors beyond Tube Rating), Voltage Compensator, Major & Minor KV selector, Tube overload indicator provided. Digital Display of active KVP & mAs. Electronic overload for protection of tube H.V. Cables & H.T. Tank. Independent Fluoro KVP Selector. In built Ready & X-Ray Switch on Control.
<b>HV TRANSFORMER</b>	Compact Heavy Duty Transformer comprising HV Silicon Rectifiers, HT Transformer, Filament Transformer, Federal Bushings all immersed in oil.
<b>ACCESSORIES</b>	Hand Switch with Flexible long cord enables the operator to keep away from the Radiation area during exposure. - Aluminum Filter. - Light Beam Diaphragm.
<b>POWER SUPPLY REQUIREMENT</b>	400-440V AC, 50 Hz, Three Phase - Max. Allowable line Regulation $\pm 10\%$ .
<b>TUBE UNIT</b>	One Rotating Anode Tube Unit with dual Focal tube inserts having small focal Spot 1.0 mm sq. and Large 2.0mm. Sq. ANODE HEAT STORAGE CAPACITY: 140KHU
<b>HV CABLE</b>	1 Pair of 10 meter High Voltage Cables: Sleeving - Straight.
<b>STN</b>	Floor to Ceiling Stand & with Counter Balanced Tube Head (Rotatable $\pm 180$ Degree), 360 Degree Rotatable; mounted on Floor Ceiling Rails for convenient movements.

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**MEDFLOAT**

Horizontal Bucky Table with Floating table top (manually operated) for Over couch & Bucky Radiography of various body parts. The Table consists of Motorized reciprocating bucky with Grid of size 17 1/4" x 18 7/8" having Grid Ratio of 8:1, 85 lines/Inch & a stainless steel cassette Tray. The Bucky travels the entire length of the table and can be locked at any desired position by a lock provided. The tabletop is made of low radiation absorption, waterproof material. Longitudinal movement of Table Top is 50cm and Transverse movement is 20cm. Auto click stop at centre position. Electro magnetic for Table Top locking. Compression Band is Provided.

**VBS**


Vertical Bucky Stand with moving Grid of Ratio 8:1, 85 lines. The Bucky moves up & down & are equipped with a stainless steel cassette. This stand is floor mounted type & can accommodate cassettes up to 14" x 17".

**Country of Origin: USA/Europe/Japan**

**Note:**

**Clause No.2 of bid document (Instruction to Bidder) is also modified as under:**

Registration of Pakistan Nuclear Regulatory Authority (PNRA) must be attached by Authorized dealer or Sub-Distributor, without registration documentary proof bidders shall be disqualified.

  
(NUSRAT HUSSAIN MANGAN)  
INSPECTOR GENERAL OF PRISONS SINDH  
CAMP AT KARACHI