

## UPLOADING ON PPRA WEBSITE

**QUOTATIONS REQUIRED**

1. THQ Hospital Khar Fort Munro invites sealed quotations from GST registered firms for the following items:-

Ser.	Description	U/I	Qty
a.	Portable X-Ray Machine 300 MA	Ea	1
b.	Portable ICU Ventilator	Ea	1
c.	PC : Dell Computer Core-i3, 10 <sup>th</sup> /11 <sup>th</sup> Generation	Ea	26

(i) Any further information can be obtained from MS THQ Hospital Khar Fort Munro DG Khan and through e-mail info.hosp.fm@gmail.com. Telephone No 0642460105, Cell No 0308-0746367.

(ii) Commercial & Technical Quotations are to be dispatched to O 1/c Log Sqn PAF Base Rafiqui Cell No 0323-9424711 in separate envelopes duly marked with "Commercial Quotation" & "Technical Quotation" in bold.

(iii) Last date of submission of tender is 20 April, 2022 Wednesday (1000 hrs)

(iv) Tender will be opened on the same day at 1100 hrs.

(v) Specification of equipment may also be seen on PPRA's website [www.ppra.org.pk](http://www.ppra.org.pk)

## QUOTATION REQUIRED

1. THQ Hospital Khar Fort Munro invites sealed quotations from GST registered firms for the following items:-

S No	Description	U/I	Qty
(a)	<p><u>PORTABLE X-RAY MACHINE 300 MA</u></p> <p><u>TECHNICAL SPECIFICATIONS OR EQUIVALENT</u></p> <p><u>Specifications:-</u></p> <p><u>X-Ray Generator:</u></p> <p>Microprocessor Based Type: High frequency inverter (40kHz) Generator Power : 18kW kV range: 40kV to 125kV in 2kV steps</p>	Ea	1

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<p>mA Range; 150mA up to 120kV, Max 300mA available.  mAs Range; 0.5mAs to 100mAs in 24 steps.  Minimum Time; 1.6m Sec  <u>Rotating Anode X Ray Tube Unit;</u>  Focus Size; 1.0mm  Target angle; 16 degree  Anode Heat Storage capacity; 140KHU  <u>X-Ray Beam Limiting Device;</u>  Rotatable; 90 degree  X-Ray field size; 0 x 0 to 43cm x 43cm (17" x 17") at  SID = 100cm (39.4").  Projector Lamp; Halogen  Filtration; 1.2mm Al. Eq.(Total filtration min.2.5mm Al. Eq)</p> <p><u>Movement range of X-Ray tube(Center of X-Ray tube);</u></p> <p>Vertical; 47cm to 205cm(18.5" to 80.7") from floor level to focus  Horizontal; max.115cm  Lateral Pivoting of X-Ray Tube; <math>\pm 90</math> degree  Longitudinal Pivoting of X-Ray Tube; 90 degree Forward, 15  Degree Backward.  Horizontal Rotation of Arm; <math>\pm 45</math> degree</p> <p><u>Cassette Box;</u></p> <p>Can store up to eight 14" x 17" cassettes  Lead Apron Qty 03  Lead Goggles Qty 02  01 x Extension Board alongwith 20 Meter Copper wire having to  used with quoted machine.</p> <p><u>Country of Origin;</u></p> <p>USA, Europe &amp; Japan only.</p> <p><u>Made/ Manufactured / Assembled by</u></p> <p>All Countries are acceptable except India, Israel and Taiwan</p> <p><u>Certificates (Whichever Applicable)</u></p> <p>FDA:  FDA 510 K Certificate with No recall will be acceptable for all  countries  FDA (CFG) Certificate will not be acceptable.  CE  CE MDD Class 1 for Western European Countries only  MWLH:  MLHW (JIS) for Japanese Product only  Warranty:  12 Months or More</p> <p><u>GENERAL REQUIREMENT: -</u>  Power supply 220-240 Volts, 50-60Hz with surge protector/fuse  protection.  All standard accessories are to be provided as mentioned in the  original manual provided by the manufacturer even if not  mentioned in the specifications.</p>		
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(b)	<p><b><u>PORTABLE ICU VENTILATOR</u></b></p> <p><b><u>TECHNICAL SPECIFICATIONS OR EQUIVALENT</u></b></p> <p><b><u>Specifications:-</u></b></p> <p><b><u>X-Ray Generator:</u></b>          Microprocessor Based          Type: High frequency inverter (40kHz)          Generator Power ; 18kW          kV range; 40kV to 125kV in 2kV steps          mA Range; 150mA up to 120kV, Max 300mA available.          mAs Range; 0.5mAs to 100mAs in 24 steps.          Minimum Time; 1.6m Sec</p> <p><b><u>Rotating Anode X Ray Tube Unit:</u></b></p> <p>Focus Size; 1.0mm          Target angle; 16 degree          Anode Heat Storage capacity; 140KHU</p> <p><b><u>X-Ray Beam Limiting Device:</u></b></p> <p>Rotatable; 90 degree          X-Ray field size; 0 x 0 to 43cm x 43cm (17" x 17") at          SID = 100cm (39.4").          Projector Lamp; Halogen          Filtration; 1.2mm Al. Eq.(Total filtration min 2.5mm Al. Eq)</p> <p><b><u>Movement range of X-Ray tube(Center of X-Ray tube):</u></b></p> <p>Vertical; 47cm to 205cm(18.5" to 80.7") from floor level to focus          Horizontal; max.115cm          Lateral Pivoting of X-Ray Tube; ±90 degree          Longitudinal Pivoting of X-Ray Tube; 90 degree Forward,15          Degree Backward.          Horizontal Rotation of Arm; ±45 degree</p> <p><b><u>Cassette Box:</u></b></p> <p>Can store up to eight 14" x 17" cassettes          Lead Apron Qty 03          Lead Goggles Qty 02          01 x Extension Board alongwith 20 Meter Copper wire having to          used with quoted machine.</p> <p><b><u>Country of Origin:</u></b></p> <p>USA, Europe &amp; Japan only.</p> <p><b><u>Made/ Manufactured / Assembled by</u></b></p> <p>All Countries are acceptable except India, Israel and Taiwan</p>	Ea	1
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(c)	PC : Dell Computer Core-i3, 10 <sup>th</sup> /11 <sup>th</sup> Generation <u>Specifications:-</u> HDD=01 TB RAM=8 GB (With complete accessories) Dell LED (19" Wide)	Ea	26

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