

Report of pre-bid meeting regarding tender notice of supply, installation and commissioning of Modular Operation Theatre's at 6th floor, Surgical Complex at Jinnah Postgraduate Medical Center, Karachi

A pre-bid meeting was held on April 9th, 2022 at 11:00 am in Lecture Hall 2nd floor Radiology building at JPMC, Karachi, for issues of bidders regarding specifications of Medical Equipment.

1 - Total Items which were tendered are as follows:

S. No	Tender Details	Sub Items
i.	Modular Operation Theatre	09
ii.	Equipment for Operation Theatre	48
iii.	Bedhead Panel for Pre & Post operation & recovery	36
iv.	Dedicated PACS with integrated HIMS	01
v.	UPS	03
vi.	Lecture Hall Roof top of Surgical Complex	01
vii.	Security Camera and fire alarms	01
viii.	Floor Scrubber	06

2 - Tender was purchased by 31 Bidders which are as follows:

S.No	Tender	Bidders Participated
i.	Modular Operation Theatre	a. M/s Biotech Pakistan b. M/s Allmed Solutions c. M/s BIOS d. M/s Techsol Solutions e. M/s Vertex Medical Pvt Ltd f. M/s Radiant Medical Pvt Ltd g. Eastern Medical Technology Services
ii.	Equipment for Operation Theatre	a. M/s Radiant Medical Pvt Ltd b. M/s Latif Brothers c. M/s Jasani Scientifics d. M/s Medequips SMC e. M/s Vertex Medical Pvt Ltd f. M/s BIOS g. M/s Medline Technologies Pvt Ltd h. M/s Med-Elec Corporation i. M/s Biotech Pakistan j. M/s Platinum Corporation k. M/s Allmed Solutions l. M/s Noor International m. Eastern Medical Technology Services n. Medical Equipment & Systems
iii.	Bedhead Panel for Pre & Post operation & recovery	a. Care Health Solution
b.	Dedicated PACS with integrated HIMS	a. M/s Deneb Corp b. M/s Medequips SMC c. M/s Fujifilm Pakistan Pvt Ltd d. M/s Medline Technologies Pvt Ltd
c.	UPS	a. M/s Techsol Solutions
d.	Lecture Hall Roof top of Surgical Complex	-Nil-
e.	Security Camera and fire alarms	a. M/s M.A Tech b. International Office Suppliers
f.	Floor Scrubber	a. M/s Akbar Ali & Sons b. IR Equipment

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3 - 13 Bidders participated in pre-bid meeting which are as follows:

S.No	Bidders Participated
1.	M/s Jasani Scientifics
2.	M/s Medequips SMC
3.	M/s Techsol Solutions
4.	M/s Fujifilm Pakistan Pvt Ltd
5.	M/s Medline Technologies Pvt Ltd
6.	M/s Vertex Medical Pvt Ltd
7.	M/s Biotech Pakistan
8.	M/s Deneb Corp
9.	M/s Total Technologies
10.	M/s Radiant Medical Pvt Ltd
11.	M/s Allmed Solutions
12.	M/s Siemens Healthineers
13.	M/s BIOS

Nine Bidders had raised queries. After listening to them, it was requested to submit their issues in writing which are as follows:

Item No 01: Modular Operation Theatre			
S.No.	Name of Firm	Query/Question/Suggestion	Recommendation from Procurement authority
1.	M/s. Biotech Pakistan	<p>Suggested:</p> <p>Wall panels should be "screw based" fixation.</p> <p>Wall panel should three panel system</p> <p>Integration and data management for high end Modular OT:</p> <p>Please confirm if the integration and data management is require in all 9 OTs?</p> <p>Kindly confirm which specifications should be considered for the OT light to be installed in OR with integration? either at <i>Serial # 20, Surgical Light Page 39</i> OR <i>Serial# 06 OT light with camera and monitor at Page 42.</i></p> <p>Kindly advise if MEP services along with the AHU and ducting works are to be done by the main contractor?</p> <p>Can have the ducting drawings</p>	<p>Accepted</p> <p>Can be screw less/ screw based and single or three piece.</p> <p>4 x Operation Theaters (OT 11, 15, 16 & 18) will be integrated.</p> <p>Serial# 06 OT light with camera and monitor mentioned at Page 42.</p> <p>Yes</p> <p>Please contact with Mr. Amir /Pioneer Engineering- Cell : 0333 2993644</p>

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Amir
Abbas

Nasir Khan

		<p><u>Sr. no. 3 : Glass Wall Panel for OTs</u></p> <p>Kindly advise if these brick walls will be demolished at the location where the glass wall will be installed in the Operating room</p> <p>Kindly confirm if the printing on the Stainless Steel Panel will be acceptable against the printed glass panel?</p>	<p>Sr. 3. Should be considered as deleted.</p> <p>Wall paneling of entire OT should be done with Stainless steel. Specification should be same as mentioned in Sr. no. 2 : Wall Panel Stainless steel.</p> <p>Acceptable.</p>
2.	M/s. Total Technologies	<p>Suggested :</p> <p>Quantity of Modular OR for Integration</p> <p>Wall panel should be antimicrobial PVC film of 60 micron. Art work size should be 9 sqm. Glass wall should be back UV printed and should be 8mm. False ceiling DIN 67530 certificate should be deleted. Return air grills size should be 400 x 400 upper and 400 x 600 lower. Doors should be stainless steel. Sensor should be touch less. Hinged door should be stainless steel. Swing door double leaf should be stainless steel. Peripheral lights should be IP65. Technical unit length should be 320 x 3000mm. Surgical light color temp should be: 3,500 ~ 5,000. RA should be 96. LED Life time should be 50,000 hour.</p>	<p>Amended</p> <p>Clarification only four Operation Theaters (OT 11, 15, 16 & 18) will be integrated.</p> <p>The tender specifications and scope of work has been prepared considering the application and economic factors hence tender specification will remains same.</p>
3	M/s BIOS	<p>Query:</p> <p><u>Sr. no. 3 : Glass Wall Panel for OTs</u></p> <p>Please confirm if the brick walls will be demolished at the location where the glass wall will be installed?</p>	<p>Sr. 3. Should be considered as deleted.</p> <p>Wall paneling of entire OT should be done with Stainless steel. Specification should be same as mentioned in Sr. no. 2 : Wall Panel Stainless steel.</p>

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		<p><u>Sr. no. 10 : Swing Door Double leaf</u></p> <p>Please confirm if door leaf should be single or double?</p> <p><u>Sr. no. 19 : Ceiling Pendant</u></p> <p>Please confirm if ceiling pendants are require for surgeon and anesthesia?</p>	<p>It is a Single leaf.</p> <p>Two Pendants are required i.e One for Surgeon and One for Anesthesia.</p>
4	M/s. Allmed Solution	<p>Suggested:</p> <p>Amend the required country of origin which is USA / UK / Japan / Western European and change it to as USA/Europe/Japan, which is the standard.</p>	<p>One Bidder out of Seven wants to remove word Western Europe, therefore it was not accepted.</p> <p>Tender specifications remain same</p>

Item No 02: Equipment for Operation Theatre			
S.No.	Name of Firm	Query/Question/Suggestion	Recommendation from Procurement authority
1.	M/s. Radiant Medical (Pvt) Ltd.	<p><u>Sub-Item no: 5 – Multipara Monitor</u></p> <p>Suggested to add following features:</p> <p>Trend data should be up to 120 hours or more</p> <p>Manufacturer from other countries will be acceptable if equivalent has FDA, CE, JIS or JQAO any two should be detected.</p> <p>Only USA/UK/EU & Japan manufacture should be acceptable.</p>	<p>Accepted:</p> <p>Trend data can be up to 120 hours or more</p> <p>Tender specification remain same</p>
		<p><u>Sub-Item no: 39 – Crash Cart with Defibrillator</u></p> <p>Suggested to add following features:</p> <p>Drawer should be min 3 or more with 2 small 3” H and 1 big 6”</p> <p>Screen size should be 5.7” color display which is enough viewing area for parameters</p> <p>Manual and AED mode energy should be 200Joules biphasic</p> <p>Min 3 wave form should be included in specification</p>	<p>Accepted:</p> <p>Total 5 or more</p> <p>Tender specification remain same(8” or more)</p> <p>Tender specification remain same</p> <p>Tender specification remain same</p>

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		<p>Sub-Item no: 42 –ECG Machine Suggested to add following features:</p> <p>Display size should be 7” inches or more touch screen display.</p> <p>Paper size should be 210mm</p> <p>PDL/XML export should be included at specification.</p>	<p>It is a basic unit</p> <p>Tender specification remain same</p>
		<p>Sub-Item no: 49 – Capnograph Suggested to add following features:</p> <p>Trace waveform should be 1 which is enough for ETCO2 Resp. parameter view.</p> <p>Sampling rate should be 4Hz(4 sample/sec)</p> <p>CO2 range should be of 0-99mmHg</p> <p>Respiration rate should be 3-80bpm.</p>	<p>Accepted</p> <p>Tender specification remain same</p> <p>Accepted</p> <p>Revised to 120bpm or more.</p>
2	M/s. Latif Brothers	<p>Sub-Item no: 21 – Operating Microscope Query:</p> <p>Specify type of surgery.</p> <p>Kindly confirm if following optional accessories are required:</p> <ul style="list-style-type: none"> ▪ HD video Camera attachment with HD recorder. ▪ Stereo observation attachment with these axis rotation and image erection. 	<p>Maxillofacial</p> <p>Unit should be quoted with all standard accessories. Optional accessories may be quoted as OPTIONAL.</p>
3	M/s. Jasani Scientifics	<p>Sub-Item no: 21 – Operating Microscope Suggested:</p> <p>Foldable tube 170/f260 is brand specific so please remove the same.</p>	<p>Accepted Word “Foldable tube” is removed and replaced with 0~180° binocular tube with IPD adjustment</p>

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		<p>Sub-Item no: 48 – Microsurgical System for ENT Surgery Suggested:</p> <p>Delete Active Vibration Damping</p> <p>Change focal length adjustment from 200 to 600 mm or better</p> <p>Automatic draping with thirty drapes</p> <p>Change the specifications with integrated/ external camera</p> <p>Foldable tube 170/f260 is brand specific so please remove the same.</p>	<p>Should be quoted as an option</p> <p>Accepted</p> <p>Better to quote the model which has this facility, otherwise it will be evaluated from the technical committee.</p> <p>Integrated camera is required 3 Chip or better, External camera system can be quoted as an option. It will be evaluated by the technical committee.</p> <p>Accepted Word “Foldable tube” is removed and replaced with 0~180° binocular tube with IPD adjustment</p>
4	M/s. Medequips	<p>Sub-Item no: 25 - High End Color Doppler Suggested to add following features :</p> <p>Shearwave Elastography Attenuation Frame Rate 2000fps Processing channels 5,000,000. Depth 48 cm or more Country of origin: USA/Japan/Europe</p>	<p>Accepted</p> <p>Shearwave Elastography Attenuation Frame Rate 2000fps Processing channels 5,000,000. Depth 48 cm or more Country of origin: USA/Japan/Europe</p>
<p>Note: The technical specifications and scope of work provided in the bidding document are based on the knowledge of committee members about different items, there manufacturing systems worldwide, local setup of companies, and their proven standing in after sales services, needs of the hospital and availability of budget & to offer fair competition. There is no intention to favor any bidder nor to put anyone at disadvantage. Bidders are requested to quote equipments having equivalent or having better technical specifications.</p> <p>Bidders are advised to visit the installation site for actual measurement and BOQ.</p>			

- No reservations received in item (v)-UPS & item (viii)-Floor Scrubber from any bidder.
- The tender of (iv)-Dedicated PACS with integrated HIMS and (vii)-Security Camera with Fire Alarms deferred following reservations from the IT & Security Department of JPMC, Karachi.

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