

**MINUTES OF THE TECHNICAL ADVISORY COMMITTEE MEETING HELD ON 17.08.2017**  
**AT 11:00 AM IN THE CONFERENCE ROOM, F.I.C FAISALABAD FOR PURCHASE OF**  
**ELECTRO MEDICAL EQUIPMENT ACCESSORIES 2017-18, F.I.C FAISALABAD**

FOLLOWING ATTENDED






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|----|--|----------|
| 1. | <b>Head of Cardiology, F.I.C. Faisalabad</b>   | Chairman |
| 2. | <b>A.M.S (Purchase), F.I.C. Faisalabad</b>     | Member   |
| 3. | <b>D.M.S (Purchase), F.I.C. Faisalabad</b>     | Member   |
| 4. | <b>Bio Medical Engineer, F.I.C. Faisalabad</b> | Member   |
| 5. | <b>Pharmacist, F.I.C. Faisalabad</b>           | Member   |

The Committee was intimated that tender was invited through national press i-e "Daily Jang" 09-07-2017 "Daily The Nation 08.07.2017" and on PPRA website dated 12.07.2017 with due date of receiving tender as 07-08-2017. The tender was opened on the same day in the presence of bidders or their authorized representative. Following firm participated in the tender process with his technical offer. The decisions of TAC are as under.

Awar d #	Name of Item	Brand with objection	Contractor/ Firm
1	Rechargeable Battery Ventilator Servo-i	VLADE France <b>TNA</b> Sample not provided	M/s Veroline Engineers
		Servo-I – Maquet T.A	M/s Novatek Pakistan
		Hospivent- USA <b>TNA</b> Sample not provided	M/s Pearls
2	Air Suction Venturi complete alongwith Jar and fitting USA/EU/Japan	TM France <b>TNA</b> Sample not provided	M/s Veroline Engineers
		GCE UK T.A	M/s Novatek Pakistan
		ITC-Spain <b>TNA</b> Sample not provided	M/s Pearls
		EASY AIR 1000 with MAK jar Flowmeter-Italy <b>T.N.A</b> No authority letter	M/s Total Technologies Pvt. Ltd.
		Flow-Meter – Italy T.A	M/s Intexim Enterprises
3	Maintenance Kit of Servo-I Ventilator 5000 Hrs Maquet	Hospivent- USA <b>T.N.A</b> Sample not provided	M/s Pearls
4	Power adopter for ECG Machine Fukuda Danshi 7101	China Compatible 7101 <b>TNA</b> Sample not provided	M/s Pearls
5	ECG Cable Original Nihon Kohden BSM4103K	Caremed China. T.A	M/s Novatek Pakistan



7	Defibrillator External Paddle Assembly (Adult) (Nihon Kohden)	Nihon Kohden Part No. ND-552VK T.A	M/s Novatek Pakistan
		Nihon Kohden TNA Sample not provided	M/s Pearls
8	ECG Lead for IABP Arrow	N-Tech China TNA Sample not provided	M/s Veroline Engineers
9	ECG Lead for IABP Datascope	N-Tech China TNA Sample not approved	M/s Veroline Engineers
		Compatible China T.A	M/s Novatek Pakistan
10	Re-Usable Adult Ventilator breathing circuit with water trap	VADI Taiwan TNA Sample not provided	M/s Veroline Engineers
		Excellent Care UK TNA Sample not approved	M/s Pearls
11	Heater wire and temperature probe for humidifier for fisher & Paykel	VADI Taiwan TNA Sample not provided	M/s Veroline Engineers
		Excellent Care UK TNA Sample not approved	M/s Pearls
12	Humidifier Jar for fisher & Paykel	VADI Taiwan TNA Sample not provided	M/s Veroline Engineers
		Excellent Care UK TNA Sample not approved	M/s Pearls
13	ECG machine lead (Fukuda Denshi 7101)	Caremed China T.A	Novatek Pakistan
		FIAB Italy TNA Sample not approved	Pearls
		Compatible As per sample T.A	Med Impex, Lahore
		N-Tech China TNA Sample not approved	Veroline Engineers
14	ECG machine battery (Fukuda Denshi 7101)	Shenzhen Cowon Technology China T.A	Novatek Pakistan
		Guido Ammirata – Italy TNA Sample not provided	Pearls
15	ECG battery Nihon Kohden BSM4103K	Guido Ammirata – Italy TNA Sample not provided	Pearls
16	Reusable Chest electrode Adult for ECG Machine (complete set)	As per sample TNA Sample not approved	Usman & Company
		Caremed China T.A	Novatek Pakistan
		FIAB – Italy TNA Sample not provided	Pearls
		Compatible – China T.A	Orient Medical
		Compatible As per sample T.A	Med Impex, Lahore
		N-Tech China TNA Sample not provided	Veroline Engineers

17	Reusable Chest electrode Paeds for ECG Machine (complete set)	As per sample TNA Sample not provided	Usman & Company
		Caremed China T.A	Novatek Pakistan
		Compatible As per sample T.A	Med Impex, Lahore
		N-Tech China T.A	Veroline Engineers
18	Reusable limbs electrode for ECG Machine (complete set)	As per sample TNA Sample not provided	Usman & Company
		Caremed China T.A	Novatek Pakistan
		FIAB – Italy TNA Sample not provided	Pearls
		Compatible – China TNA Sample not provided	Orient Medical
		Compatible As per sample T.A	Med Impex, Lahore
		N-Tech China TNA Sample not provided	Veroline Engineers
19	ECG Leads for monitor (five leads) Datascope Passport II	As per sample TNA Sample not approved	Usman & Company
		Caremed China T.A	Novatek Pakistan
		FIAB – Italy TNA Sample not approved	Pearls
		Compatible – China TNA Sample not provided	Orient Medical
		Compatible As per sample T.A	Med Impex, Lahore
		N-Tech China TNA Sample not approved	Veroline Engineers
20	ECG Leads for monitor (five leads) infinium Omni II	As per sample TNA Sample not provided	Usman & Company
		Caremed China T.A	Novatek Pakistan
		FIAB – Italy TNA Sample not approved	Pearls
		Compatible – China TNA Sample not provided	Orient Medical
		Compatible As per sample TNA Sample not provided	Med Impex, Lahore
		N-Tech China TNA Sample not approved	Veroline Engineers

21	ECG Leads for monitor (five leads) Nihon Kohden BSM 4103K, BSM 2353K	As per sample <b>TNA</b> Sample not provided	Usman & Company
		Caremed China <b>T.A</b>	Novatek Pakistan
		FIAB – Italy <b>TNA</b> Sample not approved	Pearls
		Compatible – China <b>TNA</b> Sample not Provided	Orient Medical
		Compatible As per sample <b>T.A</b>	Med Impex, Lahore
		N-Tech China <b>T.A</b>	Veroline Engineers
22	ECG Leads for monitor (6 leads) Nihon Kohden BSM 4103K	As per sample <b>TNA</b> Sample not provided	Usman & Company
		Caremed China <b>T.A</b>	Novatek Pakistan
		FIAB – Italy <b>TNA</b> Sample not Approved	Pearls
		Compatible – China <b>TNA</b> Sample not Provided	Orient Medical
		Compatible As per sample <b>T.A</b>	Med Impex, Lahore
		N-Tech China <b>T.A</b>	Veroline Engineers
23	Spo2 for cardiac monitor Datascope Passport II	As per sample <b>TNA</b> Sample not provided	Usman & Company
		Caremed China <b>T.A</b>	Novatek Pakistan
		FIAB – Italy <b>TNA</b> Sample not Approved	Pearls
		Compatible – China <b>T.A</b>	Orient Medical
		Compatible As per sample <b>T.A</b>	Med Impex, Lahore
		N-Tech China <b>TNA</b> Sample not Approved	Veroline Engineers
24	SPO2 for cardiac monitor Infinium Omni II	As per sample <b>TNA</b> Sample not provided	Usman & Company
		Caremed China <b>T.A</b>	Novatek Pakistan
		FIAB – Italy <b>TNA</b> Sample not Approved	Pearls
		Compatible – China <b>TNA</b> Sample not Approved	Orient Medical
		Compatible As per sample <b>TNA</b> Sample not provided	Med Impex, Lahore
		N-Tech China <b>T.A</b>	Veroline Engineers

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25	Spo2 for cardiac monitor Nihon Kohden BSM 4103K	As per sample TNA Sample not provided	Usman & Company
		Caremed China T.A	Novatek Pakistan
		FIAB – Italy TNA Sample not Approved	Pearls
		Compatible – China T.A	Orient Medical
		Compatible As per sample T.A	Med Impex, Lahore
		N-Tech China T.A	Veroline Engineers
26	NIBP with tube and connector for cardiac monitor DataScope Passport II	As per sample TNA Sample not provided	Usman & Company
		Compatible China T.A	Novatek Pakistan
		FIAB – Italy TNA Sample not Approved	Pearls
		Compatible – China TNA Sample not Approved	Orient Medical
		Compatible As per sample T.A	Med Impex, Lahore
		N-Tech China T.A	Veroline Engineers
27	NIBP with tube and connector for cardiac monitor Infinium Omni II	As per sample TNA Sample not provided	Usman & Company
		Compatible China T.A	Novatek Pakistan
		FIAB – Italy TNA Sample not Approved	Pearls
		Compatible – China TNA Sample not provided	Orient Medical
		Compatible As per sample TNA Sample not provided	Med Impex, Lahore
		N-Tech China T.A	Veroline Engineers
28	NIBP with tube and connector for cardiac monitor Nihon Kohden BSM 4103K, BSM 2353K	As per sample TNA Sample not provided	Usman & Company
		Compatible China T.A	Novatek Pakistan
		FIAB – Italy TNA Sample not Approved	Pearls
		Compatible – China TNA Sample not provided	Orient Medical
		N-Tech China T.A	Veroline Engineers
29	Battery for cardiac Monitor Nihon Kohden 4103K	Guido Ammirata – Italy TNA Sample not Provide	Pearls

30	Battery for cardiac Monitor Nihon Kohden 2353K	Shenzhen Cowon Technology China T.A	Novatek Pakistan
		Guido Ammirata – Italy TNA Sample not provided	Pearls
31	Syringe pump battery Fursenius Kabi, injectomat Agila	Shenzhen Cowon Technology China T.A	Novatek Pakistan
32	Battery for defibrillator Nihon Kohden , 5531K	Shenzhen Cowon Technology China T.A	Novatek Pakistan
33	BP cuff for Mercury BP Apparatus	As per sample TNA Sample not provided	Usman & Company
		Compatible China T.A	Novatek Pakistan
		China TNA Sample not provided	Orient Medical
		Yamasu Japan TNA Sample not Approved	Veroline Engineers
34	BP bellow for Mercury BP Apparatus	V Care China T.A	Novatek Pakistan
		China T.A	Orient Medical
		Yamasu Japan T.A	Veroline Engineers
35	Mercury for BP Apparatus	As per sample TNA Sample not provided	Usman & Company
		Imported- China T.A	Novatek Pakistan
		Imported T.A	Orient Medical
		N-Tech China TNA Sample not provided	Veroline Engineers
36	Glass tube for Mercury for BP Apparatus	Compatible China T.A	Novatek Pakistan
37	Defibrillator Internal Paddles with spoon zoll R Series	Original Zoll USA T.A	Novatek Pakistan
		ZOLL TNA Sample not provided	Pearls
38	Ventilator expiratory cassettes servo-I Maquet	As per sample TNA Sample not provided	Usman & Company
		Servo-I Maquet New Part No. 6696947 T.A	Novatek Pakistan
		Maquet – HospiVent USA TNA Sample not provided	Pearls

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39	O2 cell for neumovent graph net advance	As per sample <b>TNA</b> Sample not provided	Usman & Company
		SRC Medical USA T.A	Novatek Pakistan
		NUOVA- Germany <b>TNA</b> Sample not Approved	Pearls
41	O2 cell for anesthesia machine (Penlon AV 900)	As per sample <b>TNA</b> Sample not provided	Usman & Company
		SRC Medical USA Part No. ANIN-PSR – 11- 60-3 T.A	Novatek Pakistan
		NUOVA- Germany <b>TNA</b> Sample not Approved	Pearls
42	Convex prove for ultrasound Toshiba MX	As per sample <b>TNA</b> Sample not Provided	Usman & Company
		Toshiba MX <b>TNA</b> Sample not Provided	Novatek Pakistan
		Toshiba Japan <b>TNA</b> Sample not Provided	Veroline Engineers
43	Convex probe for GE, Vivid S5	As per sample <b>TNA</b> Sample not Provided	Usman & Company
		GE, Vivid S5 <b>TNA</b> Sample not Provided	Novatek Pakistan
		GE - UK <b>TNA</b> Sample not Provided	Veroline Engineers
45	Humidity Meter	HTC-1 China T.A	Novatek Pakistan
46	ECG Simulator	As per sample <b>TNA</b> Sample not Provided	Usman & Company
		NETECH – USA Model: MiniSim 1000 T.A	Novatek Pakistan
		Gold Wei- USA T.N.A Provide local sample instead of USA	Pearls
		FLUKE PS 410 USA T.A	Veroline Engineers
47	Defibrillator Analyzer	NETECH – USA Model: DELTA 3000 T.A	Novatek Pakistan
		FLUKE Impulse 7000DP USA T.A	Veroline Engineers
48	External Pacemaker Analyzer	NETECH – USA Model: EXPMT 2000 T.A	Novatek Pakistan

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49	X-Ray Cassette for CR Regius 190 14" x 14"	As per sample TNA Sample not Provided	Usman & Company
50	X-Ray Cassette for CR Regius 190 14" x 17"	As per sample TNA Sample not Provided	Usman & Company

Following items not participated by any firm/company.

Award #	Name of Item	Remarks
6	BIS Electrodes Compatible for Nihon Kohden 4103K	
40	Ventilator expiratory valve for neumovent graph net advance	
44	ETO Pressure Transducer	

The committee unanimously accepted the brands of the above mentioned firms in each item.



**Pharmacist**  
F.I.C. Faisalabad



**Bio Medical Engineer**  
F.I.C. Faisalabad



**D.M.S (Purchase)**  
F.I.C. Faisalabad



**A.M.S (Purchase),**  
F.I.C. Faisalabad



**Head of Cardiology**  
F.I.C. Faisalabad