

ٹینڈرنوٹس

فیصل آباد انسٹیٹیوٹ آف کارڈیالوجی فیصل آباد

میڈیکل سپرنٹنڈنٹ فیصل آباد انسٹیٹیوٹ آف کارڈیالوجی فیصل آباد کو مندرجہ ذیل اشیاء کی فراہمی کے سلسلے میں سال 2019-20 کیلئے لسٹ کے مطابق FOR & CIF کی بنیاد پر اہل Manufacturers/Sole Distributors سے سربمہر پیشکشیں مطلوب ہیں۔ متعلقہ ٹینڈر ہندگان ڈیلیوری ڈیوٹی پیڈ (ڈی ڈی پی) / فری ڈیلیوری کی بنیاد پر مقابلے کی قیمتیں درج کریں۔

Sr. No.	Name of Item	Qty	Estimated Cost	Pre-bid Meeting	Last Date for Purchasing of Tender	Date and time for Receiving of tender	Date and time for Opening of tender
01	Electro Medical Equipment (ADP Scheme) (Phase II) (See List)	as per list	198 Millions	29-02-2020 till 09:00 A.M	14-03-2020 till 03:00 P.M	16-03-2020 till 11:00A.M	16-03-2020 till 11:30A.M

- 1- ٹینڈر پنجاب پروکیورمنٹ رولز جاری کردہ PPRA 2014 ، amendments upto date کے مطابق کئے جائیں گے۔
- 2- پیشکشیں رول 38, 2(a) آف PPRA 2014 کے مطابق (Single Stage, Two Envelopes) کو ٹینڈرز دو الگ الگ لفافوں پر مشتمل ہوں گے ایک میں ٹیکنیکل اور دوسرے میں فنانشل آفرز ہوں گی۔ دونوں آفرز ایک ہی لفافے میں بند ہوں گی۔ جس پر کمپنی کا نام، ٹینڈر کا نام، نمبر اور کھولنے کی تاریخ درج ہونا ضروری ہے۔ نیز ہر آئٹم کی فنانشل آفر الگ الگ سیل بند لفافے میں جمع کروانا ہوگی۔
- 3- بڈسیورٹی آئٹم وائز Estimated Price کا 2% ٹینڈر دستاویزات کے ساتھ لف ہونا چاہیے۔
- 4- ٹینڈر فارمز درخواست بنام میڈیکل سپرنٹنڈنٹ سے اجازت کے بعد دفتری اوقات میں بے عوض -/Rs.1000 (ناقابل واپسی) فی ٹینڈر پر چیز سیل، ایف۔ آئی۔ سی سے ٹینڈر شائع ہونے کے بعد 14-03-2020 تک حاصل کئے جاسکتے ہیں۔
- 5- ٹینڈر کی ترمیم شدہ ٹیکنیکل تفصیلات پر بڈ میٹنگ کے بعد اسی دن FIC کی ویب سائٹ پر دستیاب ہوں گی۔
- 6- تمام آئٹمز کی تفصیلات بمع مطلوبہ تعداد (Quantity) ٹینڈر دستاویزات کے ساتھ لف ہوں گی۔
- 7- ٹیکنیکل آفر کے ساتھ Bidding Documents اور ٹیکنیکل تفصیلات جو Bid Evaluation کے لئے ضروری ہیں منسلک ہونی چاہیے جبکہ فنانشل آفر میں صرف مطلوبہ آفرز (Offered Rates) کی پیش کردہ قیمت منسلک ہونی چاہیے۔
- 8- ٹیکنیکل آفرز مقررہ تاریخ پر کانفرنس ہال فیصل آباد انسٹیٹیوٹ آف کارڈیالوجی فیصل آباد میں کھولی جائیں گی جو آفرز ٹیکنیکل کمیٹی کو قابل قبول ہوں گی صرف انکی فنانشل آفرز بعد میں جاری کردہ شیڈول کے مطابق کھولی جائیں گی۔
- 9- ٹینڈر میں حصہ لینے والے تمام حضرات کو سائز ٹیکس، انکم ٹیکس کے رجسٹریشن سرٹیفکیٹ اور کمپیوٹرائزڈ شناختی کارڈ کی مصدقہ کاپیاں ٹینڈر کیساتھ جمع کروانی ضروری ہیں۔
- 10- ٹینڈر پنجاب پروکیورمنٹ ریگولیشنز اتھارٹی کی ویب سائٹ (www.ppra.punjab.gov.pk) اور (www.fic.gop.pk) پر بھی دستیاب ہے مزید معلومات کیلئے ان نمبروں پر رابطہ کر سکتے ہیں 041-9201527-34۔



میڈیکل سپرنٹنڈنٹ

فیصل آباد انسٹیٹیوٹ آف کارڈیالوجی،
فیصل آباد

Sr./No.	Item Name & Specifications	Payment mode	Estimated Unit Price	Total Quantity
01	<p>ECG Machine Twelve Channel ECG on at least 5 inches LCD display Automatic Operation Variable gain: 1/2, 1, 2 cm/mV Thermal recorder for printing out Twelve channels simultaneously. Interpretation software. Recording Trace speed: 10, 25 and 50 mm/sec, Muscle artifact and AC (50Hz) interference filters Defibrillator protection Built-in AC operation & battery backup minimum 30mins Paper size: A4/210mm Built-in AC interference, noise filter and baseline drift control. Capability to interface with LAN/WLAN for data transfer Paper Roll 50. Accessories: Complete with standard accessories, including separate patient cables for Adult, Pediatric with re-usable electrodes Country of Manufacturer: USA / Europe / Japan</p>	CIF	0.2 M	23
02	<p>Defibrillator Biphasic transthoracic (external) defibrillator with LCD colour display Synchronized output with ECG. Energy selection & delivery on control panel and paddles for external defibrillation. Energy selection and delivery on control panel for internal defibrillation. Charging Indicator The energy range should be adjustable for peads and adults up to 200Joules. Charging Time for full energy should be less than 07 sec Screen Size of approx. 5 inch colored. Display of HR, ECG through paddles and Lead I.II & III patient cable.</p>	CIF	0.8 M	20

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	<p>Built in recorder for printing of full summary on standard 50mm paper. Alarms for High and low Heart rate, low battery warning. Built-in Rechargeable battery with charger for minimum 50 shocks at max energy. Auto tester/self check. External Paddles (Adult, Paed, Neonate) AED facility with cable Pacing facility AC 220V / 50Hz operated Accessories: Complete with standard accessories, including reusable type Adult, Paediatric & Neonatal sensors Country of Manufacturer: USA / Europe / Japan</p>			
	<p>Optional (mandatory to quote): Internal Paddles for Adult & Paeds</p>	CIF		
3	<p>Electrosurgical Unit: Microprocessor based electrosurgical unit for normal and under water cutting usages Automatic self-test function Operation in radio frequency range Controls for cutting, coagulation, spray and blends Monopolar cutting power of 300 watts Bipolar cutting power of 80 watts Mono polar coagulation power of 100 Watts Bipolar coagulation power of 50 Watts Spray coagulation mode Different gradations of blending of cutting and coagulation power Digital display of all controls and set values of cutting and coagulation power Audio and visual alarms 220V, 50 Hz Accessories:</p> <ul style="list-style-type: none"> • Monopolar handle with cord. • Bipolar forceps with cord • Attachment for monopolar coagulation. • Knife electrode. • Surgical electrode, ball-shaped. • Wire loop electrode. • Needle electrode. • Ball electrode. • Bipolar coagulation forceps. • Reusable silicon patient plate. • Double paddle foot switch, explosion proof 	CIF	0.7 M	5



	Country of Manufacturer: USA / Europe / Japan			
4	Ultrasonic Nebulizer <ul style="list-style-type: none"> ▪ For nebulization of respiratory tracts. ▪ Hospital grade for continuous operation. ▪ Ultrasonically generated uniform and highly dense particles of 0.5-5 microns size. ▪ Approximately 65-70% of particles of less than 4 micron size. ▪ Autoclave able delivery pipes. ▪ Air flow of 10 L/min. ▪ Aerosol heating facility ▪ Quiet operation with noise level of less than 40dB. ▪ Nebulizing time setting from 0-30 min. ▪ Medication cup capacity: 150 ml. ▪ Power of 220 Volts / 50 Hz. ▪ One extra Flexible arm/ delivery pipe/masks (all sizes). ▪ Complete with bacteria filter Country of Manufacturer: USA / Europe / Japan	CIF	0.3 M	20

5

Ventilator

CIF

3.5 M

10

VENTILATION:

- Microprocessor controlled powerful ventilation system mounted on trolley.
- LCD/TFT color touch screen 15" Minimum.
- Patient Range: Pediatrics and Adult
- Breathing classification: Pressure control, Volume control Pressure control with set Volume Breath.
- Autoclaveable reusable patient tubing circuit for paed and adult (01 each)

MODES OF VENTILATION:

- Volume control
- Assisted CMV
- Pressure control PC
- Assist Pressure Control
- CPAP
- SIMV+ Pressure support
- Noninvasive ventilation
- Bi-level /APRV/BI-PAP Ventilation

CONTROL:

Set & measured parameters simultaneously.

MEASUREMENT RANGE/ SPECIFICATION:

- Inspiratory tidal volume: 5ml to 2000ml Neonatal Mode.
- Respiratory frequency: 5 to 120bpm
- SIMV breath frequency: 1 to 50 bmp
- Inspiratory pressure: 10 to 80 cmH2O
- Inspiratory flow: 80 L/Min or cmH2O.
- I : E ratio : 1:4 / 4:1
- PEEP: 3 to 30cm H2O
- FiO2/ O2 delivery: 21 to 100% (Through paramagnetic Sensor non-consumable)

Monitoring parameters for set and measured value simultaneously:

- Total breath rate.
- Oxygen concentration FIO2
- Expired minute volume
- Peak expiratory flow
- I : E ratio
- Peak Pressure
- Mean pressure
- Lung Mechanics with pressure and volume loops.
- Others control and functions:
- Back up ventilation
- Pause time INSP


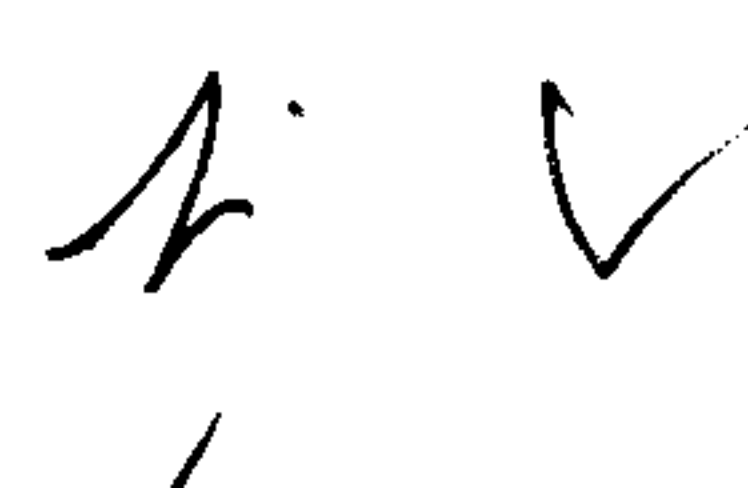

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	<ul style="list-style-type: none"> ▪ Microprocessor gas delivery system ▪ Breath circuit Compliance Compensation ▪ Expiratory hold/ Inspiratory hold ▪ Pressure / Volume and flow trigger sensitivity ▪ Trigger sensitivity indication ▪ Trend Data ▪ The waveform should be displayed on ventilator's screen. <p>ALARMS:</p> <ul style="list-style-type: none"> ▪ Apnea ▪ AC power failure ▪ High and low Expired minute volume ▪ High and low peak air way pressure ▪ High and low breath rate ▪ FiO2 variation ▪ Low and high base line pressure ▪ Gas supply source failure ▪ Low battery <p>NEBULIZER:</p> <ul style="list-style-type: none"> ▪ Built in nebulizer of the patient during ventilation ▪ Supply requirements: Electric 220 V 50 Hz <p>BATTERY BACKUP:</p> <ul style="list-style-type: none"> ▪ With internal battery backup of one hour. <p>COMPRESSED AIR SUPPLY:</p> <ul style="list-style-type: none"> ▪ The ventilator should be driven on external compressor for powerful ventilation and should have the capability to connect with central medical pipeline system of the hospital. <p>HUMIDIFIER:</p> <ul style="list-style-type: none"> ▪ Automatic compensation (Servo) controlled heated humidifier with temperature monitoring at air way and Humidification chamber with alarm for low/ high limits with water trap in the patient circuit. <p>Note: The warranty of equipment will be including batteries, oxygen sensor, all kind of sensors and flow sensor.</p>			
	<p>Optional (mandatory to quote)</p> <ul style="list-style-type: none"> ▪ Air Compressor ▪ Capnography module to monitor carbon dioxide of the patient. 	CIF		
6	<p>Mobile X-Ray Mobile Microprocessor based X-Ray Unit</p>	CIF	8.0 M	01





C.M.

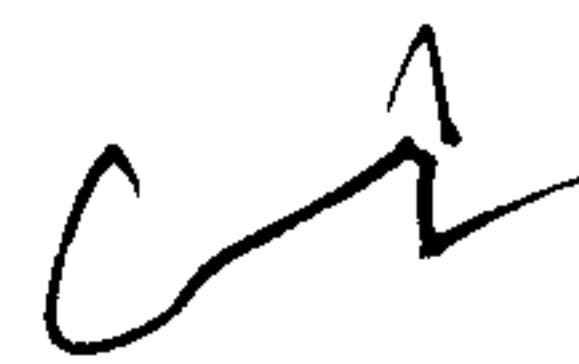
	<p>High frequency, 30KW X-Ray Generator 300 mA at 100 kv Digital display of all set parameters Rotating anode x-ray tube, with dual focus / Single Focus Anode heat storage capacity of at least 107 KHU or more Electronic timer with exposure time of 1-3 msec Automatic over-load protection device and automatic line compensation The unit should be battery supported for exposure and movement (Motorized). 220 V, 50 Hz. FDA510k & CE/MHLW certified. Country of Manufacturer & origin: USA / Europe / Japan</p>			
7	<p>Blood Storage Cabinet <u>Detailed Requirement:</u> Stainless Steel Interior Automatic closing of the door Controlled fan cooling Key operated power switch Safety door lock Interior lighting Integrated RS485/USB interface LAN Converter 220V 50 Hz, AC <u>User Adjustable Settings:</u> Gross volume: 400L Net capacity : minimum 240 blood bags of 450ml Non modifiable temperature set point of +4°C 200-250 min hold over time at +25C ambient temperature Safety thermostat <u>Displayed Parameters:</u> Digital temperature display Temperature recording and online monitoring Acoustical and visual alarm for temperature and power failure Alarm system with battery backup low and high alarm Door opening alarm <u>Accessories:</u> Complete with standard and operation accessories</p> <ul style="list-style-type: none"> • Seven day chart recorder 	CIF	2.0 M	02






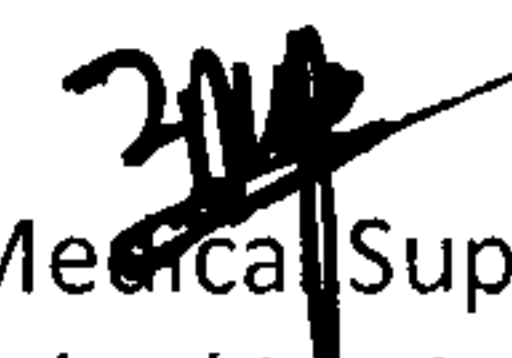
	<ul style="list-style-type: none"> • Servo Controlled Voltage Stabilizer with surge protection facility • Operating Manual with a Soft Copy • Service Manual with a Soft Copy <p>Country of Manufacturer: USA / Europe / Japan</p>			
8	<p>Motorized Bed</p> <p>Bed Length: 7 ft approx.</p> <p>Bed Width: 3 ft approx.</p> <p>Bed width side rails: 3.5 ft approx. metal/ABS side rails</p> <p>Height Electrically: 1.5 – 2.5 ft approx.</p> <p>Maximum load capacity: 200 kg or more</p> <p>Castor: 12.5 cm or more</p> <p>Five positions: High, Low, Trendelenburg, Anti-Trendelenburg, Cardiac Chair</p> <p>Trendelenburg: 12 - 16 deg and CPR position (Auto Button & Manual Control)</p> <p>Anti-Trendelenburg: 12 - 16 deg</p> <p>Four section bed: 4-section</p> <p>X-ray cassette Holder: As per same manufacture specification</p> <p>IV Hanger Rod: As per same manufacture specification</p> <p>Conductive Mattress: As per same manufacture specification</p> <p>Central Locking System: As per same manufacture specification</p> <p>Arrangement of pre-shipment inspection will be responsibility of the bidder</p> <p>Country of Manufacturer & origin: USA / Europe / Japan</p>	CIF	0.45 M	160
	<p>Optional:</p> <ol style="list-style-type: none"> 1. Over bed table: As per same manufacture specification 2. Bed side locker: As per same manufacture specification 3. Oxygen Cylinder Holder: As per same manufacturer specification 	CIF		

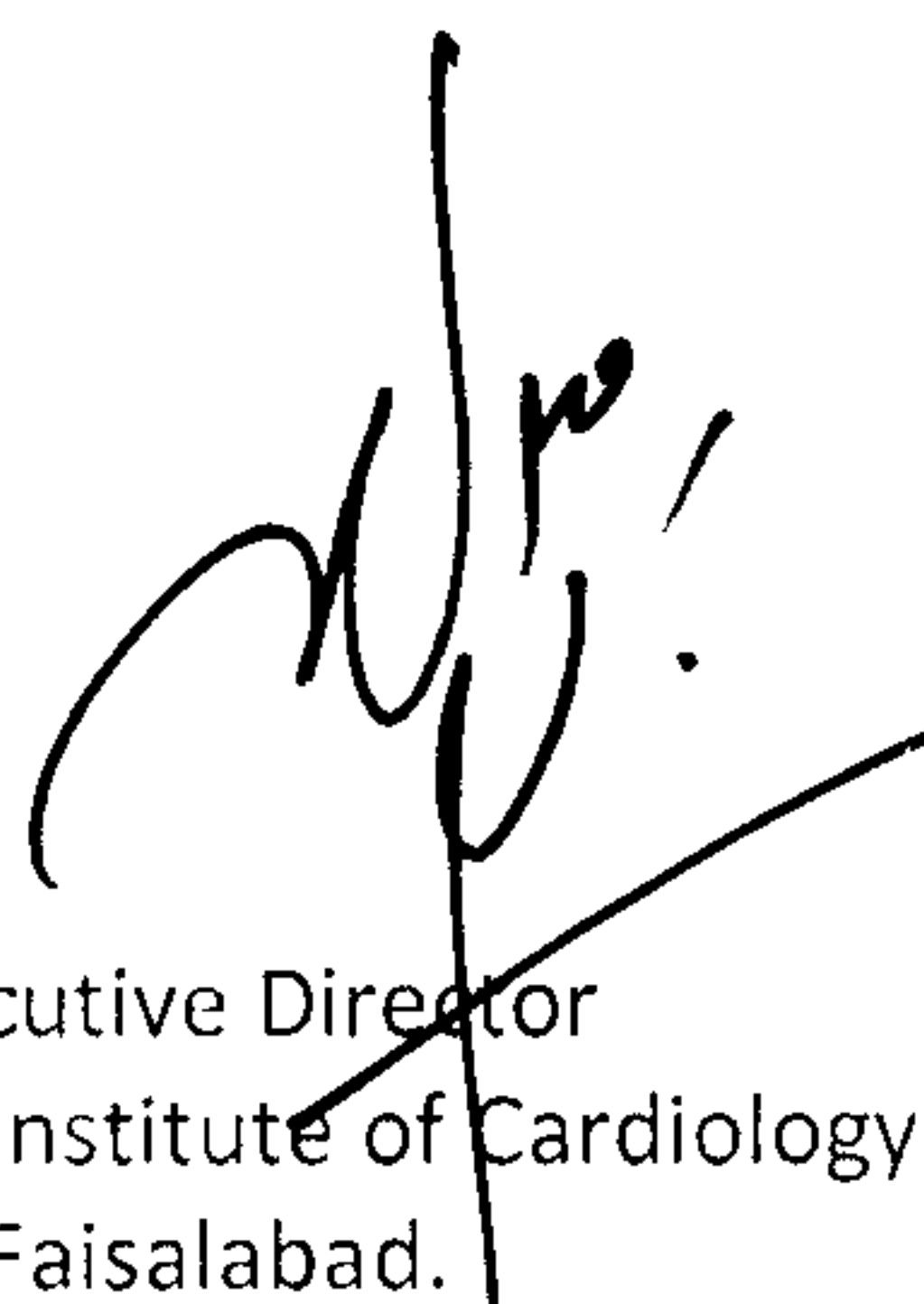
9	<p>Syringe Pump Syringe pump for fluid administration.</p> <ul style="list-style-type: none"> ▪ Flow Rates: 0.1 - 400 ml/hr. (Approx.) ▪ Digital display of set parameters. ▪ Universal Syringe acceptance capability for disposable, Plastic, Size, 10, 20, 50, 60 ml. ▪ Drive Accuracy. $\pm 3\%$ ▪ Display of drug name, Infusion rate, infused volume and volume to be infused. ▪ Automatic adaptation of controls according to syringe /infusion set. ▪ Quick freed/rapid infusion facility. ▪ Rechargeable battery and mains operated 220V, 50Hz. ▪ Safety alarm audible and acoustic for occlusion end of infusion, low battery. ▪ Battery back up 3 to 4Hours. ▪ Should be compatible with docking station. 	CIF	0.18 M	150
	<p>Optional (mandatory to quote): Docking station of four, six & eight.</p>	CIF		


Electronic Equipment Care Taker
Faisalabad Institute of Cardiology
Faisalabad.


AMS (Purchase & Stores)
Faisalabad Institute of Cardiology
Faisalabad.


Director Finance
Faisalabad Institute of Cardiology
Faisalabad.


Medical Superintendent
Faisalabad Institute of Cardiology
Faisalabad.


Executive Director
Faisalabad Institute of Cardiology
Faisalabad.