### شرکتی فیلتر

#### محیط انرژی ایکی-آفریقی کاریکار علی قاسمی

می‌توانید به نوع دسته‌بندی‌شده قرار دهید که کاریکار علی قاسمی که از دسته‌بندی‌هایی که آنها از سال 2019 که انتخاب کننده اصلی‌ترین کاریکار علی قاسمی بوده‌اند.

#### میزان پروپورژن بهمه‌پردازی (FOR & CIF)

### مدل

#### میزان پروپورژن بهمه‌پردازی (FOR & CIF)

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

#### اجلاسیه مالیات و درجات مالیات

1. اجرای توجهات مالیاتی و درجات مالیاتی
2. تغییرات در قوانین و رعایت اصلی‌ترین
3. مالیات و درجات مالیاتی
4. تغییرات در قوانین و رعایت اصلی‌ترین
5. مالیات و درجات مالیاتی
6. تغییرات در قوانین و رعایت اصلی‌ترین
7. مالیات و درجات مالیاتی
8. تغییرات در قوانین و رعایت اصلی‌ترین
9. مالیات و درجات مالیاتی
10. تغییرات در قوانین و رعایت اصلی‌ترین

### مکان

#### مکان

1. مکان
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8. مکان
9. مکان
10. مکان

#### تلفن

041-9201527-34
<table>
<thead>
<tr>
<th>Sr./No.</th>
<th>Item Name &amp; Specifications</th>
<th>Payment mode</th>
<th>Estimated Unit Price</th>
<th>Total Quantity</th>
</tr>
</thead>
</table>
| 01     | **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 reusable electrodes  
Country of Manufacturer: USA / Europe / Japan | CIF          | 0.2 M                | 23             |
| 02     | **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. | CIF          | 0.8 M                | 20             |
Built in recorder for printing of full summery 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

<table>
<thead>
<tr>
<th>Optional (mandatory to quote):</th>
<th>CIF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internal Paddles for Adult &amp; Paeds</td>
<td></td>
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</tbody>
</table>

### 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:**

- 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

<table>
<thead>
<tr>
<th>3</th>
<th>CIF</th>
<th>0.7 M</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Country of Manufacturer: USA / Europe / Japan</td>
<td></td>
<td>0.3 M</td>
<td>20</td>
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<tr>
<td>---------------------------------------------</td>
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</tr>
<tr>
<td><strong>Ultrasonic Nebulizer</strong></td>
<td>CIF</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• For nebulization of respiratory tracts.</td>
<td></td>
<td></td>
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<tr>
<td>• Hospital grade for continuous operation.</td>
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<tr>
<td>• Ultrasonically generated uniform and highly dense particles of 0.5-5 microns size.</td>
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<tr>
<td>• Approximately 65-70% of particles of less than 4 micron size.</td>
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<tr>
<td>• Autoclave able delivery pipes.</td>
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</tr>
<tr>
<td>• Air flow of 10 L/min.</td>
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<td></td>
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<tr>
<td>• Aerosol heating facility</td>
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<tr>
<td>• Quiet operation with noise level of less than 40dB.</td>
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<tr>
<td>• Nebulizing time setting from 0-30 min.</td>
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<tr>
<td>• Medication cup capacity: 150 ml.</td>
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<tr>
<td>• Power of 220 Volts / 50 Hz.</td>
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<tr>
<td>• One extra Flexible arm/ delivery pipe/masks [all sizes].</td>
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<tr>
<td>• Complete with bacteria filter</td>
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</tbody>
</table>

Country of Manufacturer: USA / Europe / Japan
Ventilator

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's 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 bpm
- 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
- 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.

**ALARMS:**
- 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

**NEBULIZER:**
- Built in nebulizer of the patient during ventilation
- Supply requirements: Electric 220 V 50 Hz

**BATTERY BACKUP:**
- With internal battery backup of one hour.

**COMPRESSED AIR SUPPLY:**
- 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.

**HUMIDIFIER:**
- Automatic compensation (Servo) controlled heated humidifier with temperature monitoring at air way and Humidification camber with alarm for low/ high limits with water tarp in the patient circuit.

Note: The warranty of equipment will be including batteries, oxygen sensor, all kind of sensors and flow sensor.

<table>
<thead>
<tr>
<th>Optional (mandatory to quote)</th>
<th>CIF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air Compressor</td>
<td></td>
</tr>
<tr>
<td>Capnography module to monitor carbon dioxide of the patient.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>6</th>
<th>Mobile X-Ray</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mobile Microprocessor based X-Ray Unit</td>
</tr>
</tbody>
</table>
| 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

### Blood Storage Cabinet

**Detailed Requirement:**
- 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

**User Adjustable Settings:**
- 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 +25°C ambient temperature
- Safety thermostat

**Displayed Parameters:**
- 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

**Accessories:**
- Complete with standard and operation accessories
  - Seven day chart recorder
- Servo Controlled Voltage Stabilizer with surge protection facility
- Operating Manual with a Soft Copy
- Service Manual with a Soft Copy

Country of Manufacturer: USA / Europe / Japan

<table>
<thead>
<tr>
<th>8</th>
<th>CIF</th>
<th>0.45 M</th>
<th>160</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motorized Bed</td>
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<tr>
<td>Bed Length: 7 ft approx.</td>
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<tr>
<td>Bed Width: 3 ft approx.</td>
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<tr>
<td>Bed width side rails: 3.5 ft approx. metal/ABS side rails</td>
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<tr>
<td>Height Electrically: 1.5 – 2.5 ft approx.</td>
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<tr>
<td>Maximum load capacity: 200 kg or more</td>
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<tr>
<td>Castor: 12.5 cm or more</td>
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<tr>
<td>Five positions: High, Low, Trendelenburg, Anti-Trendelenburg, Cardiac Chair</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trendelenburg: 12 - 16 deg and CPR position (Auto Button &amp; Manual Control)</td>
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<tr>
<td>Anti-Trendelenburg: 12 - 16 deg</td>
<td></td>
<td></td>
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<tr>
<td>Four section bed: 4-section</td>
<td></td>
<td></td>
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<tr>
<td>X-ray cassette Holder: As per same manufacture specification</td>
<td></td>
<td></td>
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<tr>
<td>IV Hanger Rod: As per same manufacture specification</td>
<td></td>
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<tr>
<td>Conductive Mattress: As per same manufacture specification</td>
<td></td>
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<tr>
<td>Central Locking System: As per same manufacture specification</td>
<td></td>
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<tr>
<td>Arrangement of pre-shipment inspection will be responsibility of the bidder</td>
<td></td>
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<tr>
<td>Country of Manufacturer &amp; origin: USA / Europe / Japan</td>
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</tbody>
</table>

Optional:

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 manufacture specification
**Syringe Pump**

Syringe pump for fluid administration.
- 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: ±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 4 Hours.
- Should be compatible with docking station.

**Optional (mandatory to quote):**
Docking station of four, six & eight.

| CIF | 0.18 M | 150 |

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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.