National Institute of Cardiovascular Diseases
Rafiqui (H.J.) Shaheed Road, Karachi
Tel No. 3521-8530, 9920-1271 Ext. 419 – Fax No. 9920-1289
Website: www.nicvd.org

TERMS & CONDITIONS
Tender No. 5W/2020, Dated 06.08.2020
FOR THE YEAR 2020-2021 & 2021-2022

Supply & installation of ANESTHETIC MACHINE WITH VENTILATOR for NICVD Satellite Centers Qty. = 10

1. In this tender TWO Envelopes procedure of SPPRA-2010 46(2,a) will be followed i.e. (i) The bid shall comprise two separate envelopes. Each envelope shall contain separately the financial proposal and the technical proposal (ii) The envelopes shall be marked as “Financial Proposal” and “Technical Proposal” in bold and legible letters to avoid confusion each envelope should be dropped in separate box (iii) initially, only the envelope marked “Technical Proposal” shall be opened (iv) The financial proposals of bids will be opened publicly, time and venue will be announced later.

   a) In Technical Bid, the bidder must provide original data sheet and technical brochure and all other documents; otherwise, the bid will be ignored. The technical evaluation will be done on the basis of data sheet provided by the vendor as per technical bid.

   b) In Financial Bid, the vendor should mention financial offer along with a Bank Draft/Pay Order/Bank Guarantee of 1% value of the quoted item, in the name of Executive Director, NICVD, Karachi. In case the tender is accepted by competent authority and the supplies are not made according to samples/specification within stipulated time (i.e. 90days) the bid security for the tender would be forfeited to the NICVD account. In case of default the firm may be black listed or financial penalties may be imposed depending upon the gravity of defaults/circumstances in each case as mentioned in Ministry of Health letter No. F.11.9/96-PHC of June 04, 1996. In-time supply must be assured

2. The disclosure of firm’s Product price at the time of opening of technical bid will result in the rejection of the bid.

3. No tender will be entertained without bid security, The bid security will be forfeited to Government Accounts in case of non-submission of security money within seven (7) days of receipt of the other letter.

4. Conditional Tender(s) will not be accepted.

5. The previous bid security or security money will not be carried forward. If any tenderer encloses a cheque with the tender their tender will be rejected outrightly.

6. Principle, Sole Agent, Authorized Distributor can participate in the tender.

7. The rates once mentioned in tender will be final and no change therein will be accepted after the tender opening. Rates should be inclusive with sales tax / without sales tax on taxable articles.

8. The rate should be quoted on FOR (C & F price will be required for imported items).

9. First Scrutiny of technical bids will be performed by the technical committee. Financial Bids of those firms will be opened which qualify technically.

10. The successful bidder will be required to submit security money in shape of pay order/ deposit / Bank Guarantee at call @ 5% of the total value of order in the name of NICVD, Karachi within Seven (7) days which will be kept with NICVD till the end of the Warrantee period of Three (3) years.

11. The vendor has to quote only one rate for each item as per tender specifications. No alternate model will be accepted, only first offer will be considered. Hand written tenders or any over writing, cutting, erasing will liable to be ignored.

12. Bid validity period will remain for 90 days as per SPPRA rules 2010 (Amended 2019).

13. Vendor will be responsible for pre-requisition installation, free of cost and also responsible for pre-installation work, if required.

14. Goods will be handed over to the Stores Department, NICVD, Karachi, with a copy of Delivery Challan.
15. Price escalation will not be allowed.
16. The original tender purchase receipt issued by the NICVD should be submitted along with Technical Bid.
17. If vendor doesn’t supply of goods in accordance with the supply order or fails to supply according to terms and conditions or in case of any other default, it will be blacklisted and the bid security will be forfeited.
18. The payment will be made after getting the Satisfactory Report of the Incharge of User Department. Warranty of each equipment will be considered from date of signed satisfactory report.
19. Income tax will be deducted according to Government Rules. A Copy of income Tax and GST Registration Certificate should be submitted along with Technical Bid.
20. The Vendor should submit a Data Sheet according to the Tender Specifications Format mentioned in the tender and highlight the tender specifications in their Technical Data Sheet. Additional Feature can be mentioned separately.
21. The vendor should attach copy of last three year Income Tax return. Original copy should be provided on request.
22. Tender which does not fulfill the prescribed conditions in the tender is liable to be ignored.
23. The Executive Director, NICVD, Karachi, reserve the right to increase or decrease the quantity mentioned in the tender.
24. All amendments charges in the L/C will be borne by the tenderer/tender winner.
25. Certification that no Government servant has directly or indirectly has a share or interest with our firm.
26. Providing of Sample is Mandatory if demanded.
27. The equipment offered must be of latest version/generation and in case the old model is offered, it will not be considered, even though it is as per the tender specifications.
28. Up-gradation of Software(s) as well as FMIS for the life of system should be provided from the manufacturer if required.
29. Quality Assurance Tools/test equipment availability with local tenderer for PPM (Periodic Preventive Maintenance) and periodic calibration along with list of test tools with calibration validity be provided by firms before entering in the agreement.
30. Certificate from the Sole Agent/Manufacturer that the vendor has fully equipped workshop, along with the list of Trained Personnel/Engineers and Equipment should be provided with technical bid and it can be physically verified by the Technical committee of NICVD, Karachi.
31. Firm must provide complete details of their financial standing, listing of similar equipment supplied in Pakistan, bio-data of engineers with training certificates/test equipment, details of local stock of spare parts for similar equipment and details of office with number of personals.
32. The vendor will provide technical / operational training to electro-medical engineer / end user from factory trained engineers. The supplier should provide detail of training program.
33. All equipment to be supplied should be accompanied with Three (3) original copies of the operation, service / maintenance and schematic diagram and spare parts list manual in the English language.
34. The bidder shall submit with the bid, an Undertaking on judicial paper, stating that the equipment to be supplied is brand new and of latest generation, free from defects in design material and workmanship and will bind himself for availability of spares for a period of 10 years from the date of supply. In case of winding up of his business, the supplier shall be bound to make an alternate arrangement of spares and maintenance of equipment. In case of default, depreciated cost of equipment will be recoverable from him.
35. All equipment should be Dicom Compatible, if applicable, and must be FDA/CE/JIS marked.
36. The attached questioner Performa must be properly filled and should be complete in all respect. In case questioner Performa is incomplete or information formations provided are incorrect, the tender shall be rejected.
37. A copy of technical Bid in CD should be attach with technical proposal in word / Excel Format.

**INSTRUCTION FOR PURCHASE ON C&F BASIS.**

If contract / purchase order place on C&F basis following instructions / terms and conditions will also be followed:

I. NICVD will issue Proforma Invoice Request. The vendor will carry out all works regarding the import of equipment i.e. from opening of L/C to delivery and installation.
II. The vendor has to open Letter of Credit in the name of Director, NICVD, Karachi. For items as per
Proforma Invoice. A copy of all documents should be submitted to NICVD time to time. NICVD is also
the consignee of the equipment or NICVD will open L/C after getting the Performa Invoice from Vendor
as per agreed rates/quotation/approved rates.

III. NICVD will assist the vendor in clearing the consignment. NICVD will provide UNDERTAKING and
other letter for the exemption of the payment of Sale Tax, Customs Charges, Income Tax and Other
Taxes applicable on such import.

IV. NICVD will not be responsible for escalation of currency rate after opening the tender.

V. Vendor should mention / Include all expenses related to the import until clearance.

I / We agreed above mentioned terms & conditions:

Note: Only one representative of a firm who has been authorized will be present at the time of opening of tender.

Name of Supplier / Bidder _______________________________ Signature_____________________

Full Address__________________________________________________________

Contact person Name: ________________________________

CNIC # ________________________________________________

Postal Address ____________________________________________

E-mail Address ____________________________________________

Stamp ____________________________________________________________________

Phone No. ____________________________________________________________

Fax No. __________________________________________________________________

Mobile No. __________________________________________________________________

WITNESSES

1. ____________________________________________

2. ____________________________________________
## SPECIFICATIONS

**Tender No. 5W/2020, Dated 06.08.2020**

**FOR THE YEAR 2020-2021 & 2021-2022**

**Supply & installation of ANESTHESIA MACHINE WITH VENTILATOR for NICVD Satellite Centers Qty. = 10**

<table>
<thead>
<tr>
<th>S. No.</th>
<th>DESCRIPTION</th>
<th>Qty.</th>
</tr>
</thead>
<tbody>
<tr>
<td>01.</td>
<td><strong>Anesthesia Machine with Built in Ventilator</strong></td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>- suitable for adult, pediatric and neonatal patients</td>
<td></td>
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<tr>
<td></td>
<td>- suitable for low- and minimal-flow inhalation anesthesia</td>
<td></td>
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<tr>
<td>02.</td>
<td><strong>Basic unit</strong></td>
<td></td>
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<tr>
<td></td>
<td>- precise, electrically-driven turbine ventilator: no driving gas required</td>
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<tr>
<td></td>
<td>- heated, compact breathing system</td>
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<tr>
<td></td>
<td>- time-based fully automatic start-up and self-test functionality</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- battery for up to 150 minutes back-up power</td>
<td></td>
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<tr>
<td></td>
<td>- integrated RFID technology monitors adequate use of sensors and consumables</td>
<td></td>
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<tr>
<td></td>
<td>- LCD status display for gas and power supplies as well as airway pressure</td>
<td></td>
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<tr>
<td>03.</td>
<td><strong>Gas monitoring</strong></td>
<td></td>
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<tr>
<td></td>
<td>- integrated gas monitoring: inspiratory and expiratory gas mixture; automatic identification of two anesthetic agents; age-corrected MAC value</td>
<td></td>
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<tr>
<td></td>
<td>- consumption-free oxygen monitoring</td>
<td></td>
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<tr>
<td></td>
<td>- measurement of gas consumption</td>
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<tr>
<td>04.</td>
<td><strong>15” or more color touch screen display</strong></td>
<td></td>
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<tr>
<td></td>
<td>- user interface, configurable</td>
<td></td>
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<tr>
<td></td>
<td>- display of fresh-gas efficiency (minimal flow) via Econometer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- display of three waveforms, parameters and mini trends simultaneously</td>
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<tr>
<td>05.</td>
<td><strong>Ergonomics</strong></td>
<td></td>
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<tr>
<td></td>
<td>- integrated workplace illumination</td>
<td></td>
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<tr>
<td></td>
<td>- pull-out writing tray with lockable compartment</td>
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</tr>
<tr>
<td>06.</td>
<td><strong>Country-specific features</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Target country Pakistan</td>
<td></td>
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<tr>
<td></td>
<td>Br. standard 1363 13A Part 1+2</td>
<td></td>
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<tr>
<td></td>
<td>British standard 1363 13 A</td>
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<tr>
<td>07.</td>
<td><strong>Main configuration</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Trolley based variant</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Basic unit trolley based</td>
<td></td>
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<tr>
<td></td>
<td>Basic unit equipped with:</td>
<td></td>
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<tr>
<td></td>
<td>- 4 integrated country-specific power outlets</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- isolation transformer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- main power switch for all outlets</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- standard fuses for each power outlet</td>
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<tr>
<td></td>
<td>Device can be used with N2O</td>
<td></td>
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<tr>
<td></td>
<td>Standard cylinder support</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Vapor View</td>
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<tr>
<td></td>
<td>Vapor View (2 vap. )</td>
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<tr>
<td></td>
<td>- prediction of inspiratory and expiratory anesthetic agent</td>
<td></td>
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<tr>
<td></td>
<td>- concentration for up to 20 minutes into the future</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- lighting of vaporizer settings and fill level indicator</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- monitoring of vaporizer settings and fill levels</td>
<td></td>
</tr>
<tr>
<td>08.</td>
<td><strong>Connections</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>With pressure reducer</td>
<td></td>
</tr>
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<td></td>
<td>With hanging cylinders</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cylinder holder PinIndex</td>
<td></td>
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<tr>
<td></td>
<td>Pressure reducer O2, Pin Index</td>
<td></td>
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<tr>
<td></td>
<td>Pres. red. N2O, for small cyl.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pres. reducer N2O, Pin Index</td>
<td></td>
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<tr>
<td></td>
<td>Central gas supply hoses</td>
<td></td>
</tr>
<tr>
<td>09.</td>
<td><strong>Ventilator &amp; Display</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SW option Pressure Support</td>
<td></td>
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<tr>
<td></td>
<td>Pressure Support (PS)</td>
<td></td>
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<tr>
<td></td>
<td>- the ventilator is able to recognize and support the patient’s breathing efforts</td>
<td></td>
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<tr>
<td></td>
<td>- the level of pressure support and the trigger sensitivity can be set according to the patient’s needs</td>
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<tr>
<td></td>
<td>- a required minimum respiratory rate can be set; mandatory breaths will be delivered when breathing efforts cease or become too infrequent</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- during volume- or pressure-controlled ventilation, spontaneous breaths can be allowed or pressure-supported</td>
<td></td>
</tr>
</tbody>
</table>
- CPAP (device delivers a feedback-controlled PEEP) is also possible during MAN/SPON ventilation.

SOFTWARE OPTIONS:
- O2 preview
- Econometer Trend

Flexible breathing bag arm
External fresh-gas outlet
External fresh-gas outlet for connection of non-rebreathing Systems:
- 22 mm diameter male ISO connector with 15 mm diameter female ISO connector
- available fresh-gas flow: 0.2 to 15 L/min

10. **Required accessories**
   - SpiroLife, 2 pcs.
   - Loosefill soda lime canister
   - AGS scavenging hose, 1.5 m
   - CS system,
   - Selection CS hoses with O2, with N2O, with AIR

11. **PATIENT MONITOR**
   - Patient monitor for display of vital sign monitoring of Adult, Neonate and Paeds.
   - The Monitor have plug in modules / pods for measurement, recording and display of different Vital Signs.
   - Mounted on Wall.
   - The monitoring solution shall make available all the directly connected monitoring parameters accessible at the bedside during transport.
   - The monitoring solution shall be capable of displaying a minimum of ten waveform channels, and can expand up to 16 channels when required.
   - Monitors can be connected with Central station wirelessly / wired.

**OPERATING FEATURES AND CHARACTERISTICS:**
- Non-fade TFT Touch color display.
- Electrosurgical interference suppression/protection.
- Defibrillator protection.
- Freeze and cascade facility.
- Waveform traces speed; 25 / 50mm/sec.
- The monitoring solution should be a minimum display size of 17 inches wide Touch screen.
- Provision of Communication port for sharing and transfer of data.

**PARAMETERS:**

**ECG:**
- Real time and freeze ECG trace.
- Measuring Range: 15 to 300 bpm.

**NON-INVASIVE BLOOD PRESSURE (NIBP):**
- Method: Oscillometric principle.
- Numeric: systolic, diastolic and mean pressure.

**TEMPERATURE**
- Numeric: temperature selectable in °C and °F.
- Measuring Range: 0 to 50 °C (equal to °F).

**PULSE OXIMETRY**
- Numeric: 1-100% oxygen saturation measuring range.
- Display Parameters: Saturation, Pulse Rate and Perfusion rate.
- Massimo Technology / other patient technology with motion tolerance.

**ARRHYTHMIA ANALYSIS:**
- Arrhythmia analysis and ST analysis.
- More than 13 types of arrhythmia should be detected.
**RESPIRATION:**
- 2 sensing leads.
- Measuring Range: 0 to 150 bpm.
- Breathe rate display and apnea alarms.

**CAPNOGRAPHY:**
- Measuring Parameters: End-tidal CO2, Inspired CO2 and RRC.
- CO2 measuring Range: 0 to 200 mmHg.
- Unit selection: %, mmHg, KPa.

**IBP:**
- Measuring Range: -40 to 400 mmHg IBP
- 4 channel IBP

**OTHER FEATURES:**
- Up to 72 hours of Trend data.
- 1 to 2 hours Built-in battery backup.
- Nurse call Connection option should be available in monitor.
- Audible and Visible alarm.

### 12. Optional:
- The monitoring solution shall use a non-proprietary network infrastructure to allow remote web access to the bedside monitor.
- The monitoring solution and transport/standalone monitor shall support bedside acquisition of patient demographic information via the HIS.
- The monitoring solution shall support viewing of images using a Picture Archiving Communication System (PACS) web viewer.
- Real-time monitoring and full disclosure data should be available at a central location via a central server.
- Cardiac output.
- Total Hemoglobin
- Perfusion index
- Total oxygen content

### 13. 3 Years Warranty with parts
Certification FDA / CE / JIS / MHLW (any 2 certificates are mandatory).
**COUNTRY OF ORIGIN:** USA/WESTERN EUROPE/JAPAN

### 14. Training:
International technical/Application training for two biomedical engineers.

**Manuals:** Original Operator and technical manuals (Hard copy & soft copy) along with error codes and part number wise catalogue of spare parts.

**Demo:**
Demonstration & Recommendation is mandatory from End User.

To be delivered with complete original accessories.

### 15. Special Conditions as Knock Out clauses:
1. To be deliver with complete original accessories.
2. Supplier should have minimum 5 installation with current distributor.
3. Minimum 05 Supply orders / Purchase order from Government institutes by current distributor.
4. Supplier should have workshop facility with spares parts. (Inspection could be conducted if needed).
5. Supplier should have at least 2x foreign trained engineer for the services of life saving machine with current distributor.
6. Quoted model should be available on manufacturer website.
7. Original Operator and technical manuals (Hard copy & soft copy) along with error codes and part number wise catalogue of spare parts.
8. International technical/Application training for two biomedical engineers.

Optional Must be Quoted Separately.
### ANNEXURE- “A”

#### DATA SHEET

**Tender No. 5W/2020, Dated 06.08.2020**

**FOR THE YEAR 2020-2021 & 2021-2022**

**Supply & installation of ANESTHESIA MACHINE WITH VENTILATOR for NICVD Satellite Centers Qty. = 10**

<table>
<thead>
<tr>
<th>S.NO</th>
<th>A- MANDATORY</th>
<th>Tick relevant box</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Name, Address, Tel, Fax# E-mail Address</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>National tax Number(NTN)</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Latest Income Tax Certificate or Income Tax exemption certificate.</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Copy of Sales Tax Registration.</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Latest Sales Tax Certificate or exemption certificate.</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Name of Banker with Current Bank statement.</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Bid Security (1% of Bid Value of the quoted items) As per clause no 1-b with commercial bid.</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>A copy of valid agency certificate/agreement valid for till next financial year, against tender no. 5W/2020</td>
<td></td>
</tr>
</tbody>
</table>
| 9    | 1. Literature and catalogue of quoted items in English.  
2. Demonstration must required |  |
| 10   | Affidavit that the firm has never been black Listed and List of litigation with clients(if any) and nature of litigations |  |
| 11   | Original tender purchase receipt. |  |

#### EVALUATION OF CRITERIA (TOTAL 100 MARKS)

<table>
<thead>
<tr>
<th>S.No</th>
<th>Technical Evaluation</th>
<th>Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>No Major Deviation Specification.</td>
<td>15</td>
</tr>
<tr>
<td>02</td>
<td>Bidder is in health care business since last 05 years (Documental evidence required).</td>
<td>10</td>
</tr>
<tr>
<td>03</td>
<td>Company staff list at least 02 services Engineers and Company Service back setup in Karachi &amp; interior Sindh. (Documental evidence required).</td>
<td>10</td>
</tr>
<tr>
<td>04</td>
<td>Warranty of Machine 3 Years with parts. (Documental evidence required).</td>
<td>15</td>
</tr>
<tr>
<td>05</td>
<td>Vendor install same equipment in at least 2 hospitals of 200 beds since last 03 years. (Documental evidence required).</td>
<td>10</td>
</tr>
<tr>
<td>06</td>
<td>Recommendation from end-user.</td>
<td>15</td>
</tr>
<tr>
<td>07</td>
<td>Business turnover of 10 million in last two years (Documental evidence required).</td>
<td>05</td>
</tr>
<tr>
<td>08</td>
<td>Equipment must be FDA / CE / JIS/ MHLW (any 2 certificates are mandatory).</td>
<td>10</td>
</tr>
</tbody>
</table>

07 Bio Data of key personnel with designation, education & experience and details of man power.  
Detail of experience of the firm of relevant to the subject  
List of orders with cost completed by the firm during last 2 years  
Detail of Registration with major organizations  
Original terms and conditions duly signed and stamped including all papers should be signed and stamped by competent authority.  
Undertaking that the firm will supply the stock within 20 days & items will be stamped.  
Certificate that the prices quoted are not high or more than local/imported market.  
A certificate that the firm will abide all terms and conditions of the tender infringement for consequence as recommended by the competent authority.  
A certificate that the quoted price will remain unchanged till the completion of the tender period.  
A Certificate that the items has registered by country of origin and they are using for local population | 10    |
**SUPPLIERS QUESTIONNAIRE / PERFORMA**  
*(To be filled in by the vendor)*

| Equipment _______________________________ Model ______________________ |
| Manufacturer _____________________________ Supplier ____________________ |

1- Year of Introduction of the offered model: __________________
   Version (if same model revised): __________________

2- Number of equipment installed (Please provide Names of institution for Pakistan / Islamabad).
   - World wide: __________________
   - In Pakistan: __________________
   - In Islamabad/Rawalpindi: __________________

3- Manuals to be provided:
   - Service: Yes No
   - Parts List: Yes No
   - Electrical Drawing / Schematics: Yes No
   - Operational / Application: Yes No

4- Spare parts Availability Guarantee (No of years) __________________

5- Source of spares availability Lead time
   - Local: __________________
   - Overseas: __________________

6- Equipment life period (number of years) __________________

7- Do you hold specialized tools/test equipment required for.
   - Maintenance: Yes No N/A
   - Calibration: Yes No N/A

Please provide list of tools / test equipment including their calibration status on a separate sheet.

8- Annual Maintenance contract Price:
   - Parts and Labor: __________________
   - Labor without parts: __________________

9- On call service charges:
   - Minimum: __________________
   - Per day: __________________

10- In case of in house maintenance by NICVD engineers are you willing to Provide following during post warranty period.
   - Back up engineer support whenever requested: Yes No
   - Prompt supply of spares/consumables: Yes No

11 Are you authorized representative of manufacturer __________________

12 No of Factory trained engineer available locally
   Locally on offered equipment(provide training Certificate & years of experience). __________________

13- Total number of years in business: __________________

14- Warranty period (Please provide following details):
   - Uptime Guarantee: %
   - Response time to maintenance requested: Hrs.
   - No of PPM/Year: __________________
   - Any other: __________________

15- Do you have any objection/concerns to use similar Specification spares of alternate/other manufacturer during warranty of maintenance contract(if available) Yes No

16- Comprehensive NICVD Engineer Training Yes No
if yes state what included

- Training Fees
- Airfare
- Boarding/Lodging
- Free of charge
- None of the above

17- Up-gradation possibility.

- Hardware
- Software

If above has any cost please provide the details of up-gradation with estimated price.

Please state safety standard conformance (e.g IEO 601, FDA, AAMI etc):

18- Pre-Installation services requirements:

<table>
<thead>
<tr>
<th>Power:</th>
<th>KW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage:</td>
<td>Single/Three phase</td>
</tr>
<tr>
<td>Gas:</td>
<td>Cub/h</td>
</tr>
<tr>
<td>Water:</td>
<td>Gallons/Liter/Hour</td>
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<tr>
<td>(If pre-treated water required, please provide details)</td>
<td>PST (Pascal)</td>
</tr>
</tbody>
</table>

Air __________ PSI Vacuum __________ mmgh

Other: ______________________________________________

(e.g. Drain, Exhaust, Physical facility change etc)

Installation time:

Installation/commissioning by whom:

19- Environmental Parameters Limits:

- Temperature __________ to __________ centigrade / Fahrenheit
- Humidity __________ to __________ %RH

AAMI - American Association for medical instrumentation.

20- Any other specific requirement (e.g. UPS, Voltage Stabilizer etc. provide details):

21- Briefly state facilities and benefits provided during warranty period.

22- Please give the rates of consumable, Disposable items and parts required for proper functioning of Machine/equipment life period of each item (in days/months).
TENDER PROFORMA FOR FINANCIAL BID
Tender No. 5W/2020, Dated 06.08.2020
FOR THE YEAR 2020-2021 & 2021-2022

Supply & installation of ANESTHESIA MACHINE WITH VENTILATOR for NICVD Satellite Centers Qty. = 10

<table>
<thead>
<tr>
<th>Sr. #</th>
<th>Description</th>
<th>Specification of Quoted items</th>
<th>Qty.</th>
<th>Unit</th>
<th>Reg #</th>
<th>Make</th>
<th>Country of Origin</th>
<th>C &amp; F</th>
<th>Rate per Unit F.O.R. Price</th>
<th>Delivery Period</th>
<th>With or Without Sales Tax</th>
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Signature

Official Seal
### TENDER PROFORMA FOR TECHNICAL BID

**Tender No. 5W/2020, Dated 06.08.2020**

FOR THE YEAR 2020-2021 & 2021-2022

Supply & installation of ANESTHESIA MACHINE WITH VENTILATOR for NICVD Satellite Centers Qty. = 10

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<th>Sr. #</th>
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<th>Specification of Quoted Items</th>
<th>Qty.</th>
<th>Unit</th>
<th>Model #</th>
<th>Make</th>
<th>Country of Origin</th>
<th>Warranty</th>
<th>Delivery Period</th>
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