ENQUIRY FORM

M/S..............................................
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Dear Sir,
Sealed quotations/tenders are invited for the following articles on the terms and conditions printed overleaf. Quotation should reach this office on or before **14.02.2018 by 3:00 P.M.**

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Approximate quantity</th>
<th>Name of the items with specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td></td>
<td>Anesthesia Work Station</td>
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<tr>
<td></td>
<td></td>
<td>BPL/PENLON (Specification attached)</td>
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<td>2.</td>
<td></td>
<td>Dental implant kit</td>
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<td></td>
<td></td>
<td>-Noble bio care</td>
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<td></td>
<td></td>
<td>-Alpha bio care</td>
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<td>3.</td>
<td></td>
<td>Foot Switch</td>
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<td></td>
<td></td>
<td>Syntheses</td>
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<tr>
<td></td>
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<td>Code: 05.001016</td>
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<td>4.</td>
<td></td>
<td>Cable foot switch (console, for electric pen drive, length 4mm)</td>
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<td></td>
<td></td>
<td>Syntheses</td>
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<td>Code: 05.001.022</td>
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<td>6.</td>
<td></td>
<td>Maxillofacial trauma plating kit</td>
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<td></td>
<td></td>
<td>-Ortho max, Baroda</td>
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<td></td>
<td></td>
<td>-Loyal surgical, Mumbai</td>
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<td>7.</td>
<td></td>
<td>Pediatric Scope Bronchoscopy</td>
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<td></td>
<td></td>
<td>Inner diameter 1.2mm</td>
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<td></td>
<td></td>
<td>Outer diameter 3.8 mm</td>
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<td></td>
<td></td>
<td>Working length 600mm</td>
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<td></td>
<td></td>
<td>Bending range(deg) 130 degree up and down</td>
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<td></td>
<td></td>
<td>Field of view 85 degree or more</td>
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<td>Direction of view 0 degree (forward view)</td>
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<td></td>
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<td>Depth of field 8-19 mm or better</td>
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</tbody>
</table>
Terms and conditions

1. Goods are required to be dispatched F.O.R, Aligarh ex-go down/at site by passenger train/goods train/parcel post.
2. Goods will be supplied in the name of Chairperson, Dept. of Oral & Maxillofacial Surgery, Dr. Z. A. Dental College, Aligarh Muslim University, Aligarh
3. The department has to accept the rates of some or all the articles required.
4. The department has the right to reject any or all the quotations without assigning any reason or to allot full or part of the supply to one or more forms.
5. Payment shall be made against the bill.
6. In case goods are not according to the specification, the cost of returning them shall be borne by the supplier.
7. The goods have to be supplied within 15 days.
8. The quotations containing uncalled for remarks are likely to be rejected.
9. The firm registered with the sales tax authority should mention sales tax registration no. and PAN wherever applicable.
10. The discount/rebate admissible, if any may be quoted.
11. The rates of sales tax including surcharge along with concession admissible to educational institution may be specified.
12. Other incidental charges such as packing, forwarding, insurance etc., may be indicated clearly.
13. The rates of material should be valid for one year from the date of quotations.
14. The firm must be registered either any government organization or central purchase office A.M.U, Aligarh for supplying of goods items.
15. Comprehensive warranty may be submitted with the quotations for minimum of 03 years.
16. Equipment’s may be purchase under buy condition when quoted.

(Dr. G. S. Hashmi)
Chairperson
Department of Oral & Maxillofacial Surgery
Dr. Z. A. Dental College
A.M.U., Aligarh
Anaesthesia workstation Specification
(BPL/Penlon)

Anaesthesia Workstation complete with Anaesthesia gas delivery system, Vaporiser, Circle absorber system with built in Anaesthesia ventilator.

Anaesthesia Workstation
- Should have provision for delivery of oxygen, nitrous oxide and medical air with pressure gauges.
- Should have independent attachments for connecting central gas supply and pin indexed cylinders.
- Should have PIN indexed Yoke system for O2 & N2O, Diameter Indexed Safety System for O2, N2O.
- Should have Pressure gauges for O2 & N2O supply from Cylinder and for O2, N2O. The gauges should be colour coded should be conveniently placed for easy viewing.
- Oxygen and Nitrous oxide should be linked to ensure a minimum of 25% oxygen delivery at all times to avoid delivery of hypoxic mixture.
- Should have N2O cut off facility if O2 supply fails.
- Should have Oxygen failure alarm both Visual and Audible. Machine should give high priority alarm when O2 pressure falls below preset limit. Preferably High priority alarm should be distinguishable from normal alarm by way of colour coded messages or alarm lights (Visual) and separate audible tone (Audible)
- Should have Oxygen Flush facility (25 – 75 LPM). O2 flush switch should be conveniently placed for easy accessibility.
- Should have back bar (Selectatec compatible) with interlocking facility.
- Should have provision for connecting two vaporiser. Vaporizer must be isolated from the gas flow in the off position and prevent the simultaneous activation of more than one vaporizer. Vaporiser must be temperature, pressure and flow compensated.
- Should have selection switch for Open Circuit and Closed circuit operation.
- Should have leak proof compact and integrated circle absorber with Adjustable Pressure Limiting valve, Airway Pressure Measuring device and Bag/Vent switch for Bag to mechanical ventilation.
- Breathing system should have heater system to avoid water condensation.
- Circle absorber should have provision for attaching Oxygen Sensor. Galvanic Oxygen sensor should be supplied.
- Circle absorber should be easily removable without the help of any tools. Should alert the user in case improper fixing of absorber during start-up.
- Should have single soda lime canister of 1.5 litre capacity. Canister removal and fixing should be easy and takes minimum time.
- Should have provision for bypassing the CO2 absorbent canister during surgical procedure without leaking the system.
- Should have Anaesthesia Gas Scavenging System port (AGSS)
- Should have ACGO Function (Auxiliary Common Gas Outlet)
- Automated pre-check with help menu at start-up for checking leakage and compliance. Test Bypass facility should be provided for emergency use.
- The workstation must have integrated built-in ventilator capable of delivering precise ventilation for Adult, Paediatric patients with advanced proportional solenoid valve technology.
- Single lever shift operation for manual to mechanical ventilation. Bag/Vent selection switch should be conveniently placed on Circle absorber. Should automatically turn on the ventilation when positioned to vent mode.
- Ventilator should be pneumatically driven and electronically controlled ventilator. Attached ventilator not preferred.
- Should have Modes of Ventilation: Volume Control (VCV), Pressure Control Mode (PCV), SIMV (V) + PS, SIMV (P) + PS Manual, Standby.
- Should have tidal volume setting 20ml-1500ml, Frequency 4-60 bpm, I:E 3:1-1:6, Inspiratory pause 5%-50%, Pressure control 5-70 cmH2O, Flow Trigger 1-15LPM, Pressure Support 5-60 cmH2O
- Should have Electronic PEEP OFF, 4-20 cm H2O
- Should display both Inspiratory and expiratory tidal volume on display.
- Should have Minimum 8" inch colour TFT display with navigating wheel for easy operation. Short cut keys should be provided for emergency functions.
- Should display three waveforms Pressure-Time, Volume—Time, Flow-Time
- Should have Internal Battery backup for minimum 120 Mnts – Battery should be Lithium battery (Environment Friendly)
- Should have Alarm system – Audio/Visual with colour coded alarm lights and messages.
- Should have Alarm for Oxygen failure, Mains supply Failure, Low Battery, High Continuous Airway Pressure
- Anaesthesia Machine & vaporizer should be European CE Approved.