



**U.T.ADMINISTRATION OF DAMAN AND DIU**  
**OFFICE OF THE MEDICAL SUPERINTENDENT**  
**GOVERNMENT HOSPITAL, MARWAD, DAMAN**  
**PH.NO.0260-2254965**  
**EMAIL ID: ghddmn@gmail.com**

**No.GHD/E-TENDER/2016-2017/1520**

**Dated: 11.02.2017**

**E-TENDER (ON LINE) NOTICE**

The Medical Superintendent, Government Hospital, Daman on behalf of president of India, invites tenders for following items through on –line on [http: Daman.nprocure.com](http://Daman.nprocure.com) from the manufacturer/Authorized Dealers/suppliers having valid License. The tender notice also available on [www.nic](http://www.nic) daman.in

Sr.No.	Description Items	Estimated cost	EMD (in the form of FDR)	Tender fees (Non refundable)
01	Purchase of Anesthesia work station with Anesthesia Gas Machine with Ventilator with Monitor for Government Hospital, Daman	80,00,000/-	2,40,000/-	2000/-
Last date of downloading of on line tender documents: up to 07.03.2017 by 12.00 hours				
Last date of submission of online tender document: up to 07.03.2017 by 15.00 hours.				
On line opening of price Bid: If possible on 07.03.2017 at 16.00 hours				
Bidders have to submit price bid in Electronic format only on <a href="http://www.nprocure.com">www.nprocure.com</a> till the last date and time for submission. Price bid in physical formant shall not be accepted in any case.				
Submission of tender fees in the form of DD, EMD in the form of FDR and other supporting documents i.e. copy of valid license from competent authority, copy of VAT/ST Registration and copy of PAN/TAN of income Tax etc, and terms and condition duly signed in hard copy as well as online to the undersigned by RPAD/Speed post/by hand on or before 07.03.2017 upto 15.30 hours, however, Tender Inviting authority shall not be responsible for any postal delay.				
The tender inviting authority reserves the right to accept or reject any or all the tenders to be received without assigning any reasons thereof.				
Bidders shall have to post their queries on E-mail address: <a href="mailto:ghddmn@gmail.com">ghddmn@gmail.com</a> on or before dated 07.03.2017 upto 11.00 hours.				
In case bidder needs any clarification or if training required for participating in online tender, they can contact the following office. (n) Code Solution-A division, GNFC Ltd” 403,GNFC Info Tower, Bodakdev, Ahmedabad- 380054, Gujarat (India) <a href="mailto:E-Mail_nprocure@ncode.in">E-Mail nprocure @ncode.in</a> Fax +917926857321				
Website: <a href="http://www.nprocure.com">www.nprocure.com</a>				

(Dr. Shaliesh Arlekar )  
I/c. Medical Superintendent,  
Government Hospital, Daman



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**TERMS & CONDITIONS FOR THE**

**“Purchase and Installation of Anesthesia work station with Anesthesia Gas Machine with Ventilator with Monitor for Government Hospital, Daman”**

**E-Tender Notice No.GHD/E-TENDER/2016-2017/1520**

**Dated. 11.02.2017**

1.	The rate(s) quoted should be strictly for free delivery at F.O.R. Government Hospital, Daman and will be valid and operative for supply orders issued on or before 31-03-2018 and rate should not be more than MRP.	
2.	Tender will be valid for one year from date of publication tenderer may order the equipments depending on availability of funds.	
3.	All Taxes/ Duties/ Royalties charges payable on sales/transport etc. within and / or outside the UT / State shall be payable by the supplier.	
4.	No extra charge for packing, forwarding and insurance etc. will be paid on the rates quoted.	
5.	The rates should be quoted only for the items specified in the list of requirement and should be for the items of given special mark / manufacture.	
6.	Rates quoted for items other than required specification/mark/manufacture may not be considered. However, indigenous manufactures may quote their own makes provided the specifications/mark/manufacture.	
7.	Where specification / mark/ manufacture are not specifying by this office, the rates should be quoted only for the first class and standard quality only.	
8.	The tenderer should specify the name of the manufacturer for the item quoted by him along with catalogue of the item.	
9.	The decision of the E-Tender Inviting Officer for acceptance/rejection of <b>“Purchase and Installation of Anesthesia work station with Anesthesia Gas Machine with Ventilator with Monitor for Government Hospital, Daman”</b> supplied including the decision for equivalent specifications, standard and quality etc. shall be final.	
10.	The tenderer should send in advance or enclose along with technical bid an amount of <b>Rs2,40,000/-</b> as Earnest Money Deposit (FDR) in form of Nationalized of any Bank payable at Daman in favour of the officer inviting tender i.e. Medical Superintendent, Government Hospital, Daman. The EMD submitted other than form mentioned above will not be accepted. Tender received without Earnest Money Deposit will be summarily rejected.	
11.	(a)	The successful tenderer will have to pay within 10 days from the date of demand, an amount equal to 10% of the total value of articles, that may be order, as the amount of Security Deposit.
	(b)	Non-receipt of Security Deposit within stipulated time limit will result in automatic cancellation of the order for supply without any intimation.
	(c)	However in case if any articles are received for which the Security Deposit may not have been deposited, the full Security Deposit as may be due from the supplier will be recovered from the bills for such articles.
12.	The amount of Earnest Money paid by the successful Tenderer(s) will be adjusted against the amount of Security Deposit to be paid by the successful tenderer(s) as per condition No. 10 above.	
13.	All bills for amount above Rs.5000/- should be pre-receipted on a Revenue Stamp of proper value. Bills for amount exceeding Rs.5000/- not pre-receipted on Revenue Stamp of proper value will not be accepted for payment.	
14.	Each bill in which Sales Tax/Vat is charged must contain the following certificate on the body of the bill. <b>"CERTIFIED that the goods on which Sales Tax/VAT has been charged have not been exempted under the VAT/ Central Sale Tax Act or the Rules made there under and the amount charged on account of VAT/Sales Tax on these goods is not more than what is payable under the</b>	

	<b>provisions of relevant Act or Rules made there under".</b>	
14	The right to accept or reject without assigning any reasons or all tenders in part or whole is reserved with the E-Tender Inviting Officer and his decision(s) on all matters relating to acceptance or rejection of the tenders as a whole or in part will be final and binding to all	
15	If the tenderer whose tender is accepted, fails to execute the supply order within stipulated time the Earnest Money Deposit of such tenders will stand forfeited to the Government.	
16	In case, the supplier does not execute the supply order placed with him, the EMD of the supplier will be forfeited to the Government and the contract for the supply shall terminated with no further liabilities on either party to the contract.	
17	No separate agreement will be required to be signed by the successful tender(s) for the purpose of this contract for supply. Rates tendered/offered in response to the concerned Tender Notice shall be considered as acceptance of all above terms and conditions for supply for all legal purpose.	
18	The E-Tender should be neatly typed only on letterhead carry the name of supplier and the signature of the tenderer. No overwriting correction or erasures will be considered.	
19	The rates quoted should be inclusive of all taxes, duties, surcharges, cess, freight, loading, unloading, insurance, road permits, packing, (VAT and other taxes if applicable) as applicable. No extra taxes will be given.	
20	All bills should be in <b>TRIPLICATE</b> and should invariably mention the number and date of supply order.	
	The Tenders and financial bid should be submitted online on <a href="http://www.nprocure.com">www.nprocure.com</a> in two bid system.	
21.	Orders once placed should be delivered within the given time period and item should be door delivered.	
22.	No extra charge for packing, forwarding and insurance etc. will be paid on the rates quoted.	
	The rates should be quoted only for the items specifies in the list of requirement and should be for the items of given special mark/manufacture only.	
23	Rates quoted for items other than the required specification / mark / manufacture will not be considered.	
24	The amount of Earnest Money paid by the tenderer(s) whose tenders are not accepted will be refunded to them.	
25	Only on satisfactory completion of the supply order for and on payment of all bills of the supplier, as to be admitted for payment, the amount of Security Deposit/Earnest Money will be refunded after expiry of guarantee/warranty period, if any, or any such date/period as may be mutually agreed upon	
26	The E-tender inviting officer will consider extension of time for remitting the Security Deposit as demanded. However, in case of denial to consider such extension the supplier is bound to abide by the limit given and liable to make good any loss to the Government on account of his failure to abide by the time limit.	
27	(a)	Railway Receipt or other transport document should be drawn in favor of the Officer Inviting Tenders.
	(b)	Railway Receipt or other transport document should not be send by V.P.P. or through any Bank as this being a Government Office it is not possible to clear cash demands of Post Office/Bank for delivery of R.R. or other transport documents unless we have agreed to it as special arrangements.
	(c)	Railway Receipt or transport receipt should be sent to this Office by Registered Post immediately on dispatch of goods from dispatching end.
28	The supplies of <b>“Purchase and Installation of Anesthesia work station with Anesthesia Gas Machine with Ventilator with Monitor for Government Hospital, Daman”</b> of inferior quality standard or of different specifications, doses/content, brand, manufacturer etc. other than that ordered specified and/or incomplete or broken articles will not be accepted. The supplier has to replace the same at his own cost and risk. Intimation of non-acceptance of any <b>“Purchase and Installation of Anesthesia work station with Anesthesia Gas Machine with Ventilator with Monitor for Government Hospital, Daman”</b> will be sent to the supplier within 10 days from the date of receipt of the stores and the same will be returned to the supplier at his own cost and risk, if he so desires and intimates accordingly within 15 days from the date of dispatch of intimation of the non-acceptance. However, if no communication is received within 15 days from the date of communication the tender Inviting Officer will	

	not be responsible for any damage, loss etc. of such rejected articles.
29.	In case of failure to replace the accepted and rejected articles from supplies made, as mentioned in the conditions, the loss undergone by the Government will be recovered from the suppliers Security Deposit/Earnest Money or payment due of any bill(s) to the extent required.
30	In case of failure to Purchase of <b>“Purchase and Installation Anesthesia work station with Anesthesia Gas Machine with Ventilator with Monitor for Government Hospital, Daman”</b> ordered for, as per conditions and within the stipulated time, the same will be obtained from the tenderer who offered next higher rates or from any other sources, as may be decided by the tender inviting Officer and the loss to the Government on account of such purchases(s) shall be recovered from the former suppliers Security Deposit/Earnest Money or bills payable. The suppliers shall have no any right to dispute with such procedure.
31.	Extension of time limit for supplies shall be consider by the Tender Inviting Officer. The extension so granted may be with levy of compensation for delay in execution of supply order up to 5% of the cost of supplies ordered for at the discretion of the authority competent to grant extension of time limit provided such request is made well in time, depending upon the circumstances and such decision in the matter will be final.
	Demurrage charges paid by the E-Tender Inviting Officer on account of delayed receipt of dispatch documents intimation will be recovered from the bills payable to the supplier.
32	If at any time after the order for <b>“Purchase and Installation Anesthesia work station with Anesthesia Gas Machine with Ventilator with Monitor for Government Hospital, Daman”</b> the E-Tender Inviting Officer shall for any reason whatsoever not require the whole or part of the quantity thereof as specified in the order the tender Inviting Officer shall give notice in writing of the fact to the supplier(s) who shall have no claim to any payment of compensation what so ever on account of any profit or advantage which the supplier(s) might have derived from the supply of articles in full, but which did not derive in consequence of the full quantity of articles not having been purchased, nor shall have any claim for compensation by reasons of any alterations having been made in the original instructions which shall invoice any curtailment of the supply originally contemplated.
33	Rates should be quoted as per the forms prescribed by the department and as per the requirement asked for.
34	The Earnest Money(s)/Security Deposit(s) paid by the tender(s) earlier against any tender(s) or supply order(s) is/are not adjustable with Earnest Money or Security Deposit required by these conditions.
35	The Tenders/offers received which do not confirm with the terms and conditions of this office will be summarily rejected. If any firm desires to consider exemption from payment of Earnest Money Deposit, certified copies of its Registration with D.G.S. & D. should be attached to their tenders.
36	Supplier may ensure the goods at his own cost to safeguard the delivery of such goods dispatched by him to the consignee; the department will not be responsible for the damage or pilferage of goods during transit.
37	The tenderer should attached Scanned copies of <b>Certificate from the respective manufacture company indicating your firm as authorized dealer/supplier for their product, certificate of experience in the field of “Electrical Operation Table” valid license, proof of fulfilling the norms of ISI/ISO/WHO/GMP, CE Certified specification if any, copy of dealership letter, licence for import, PAN No, Sales Tax No., The supplier must have at least 03 years experience of supplying such good and shall average annual turnover of Rs.24,00,000/- Suring last three years ending by 31.12.2017 A letter indicating last three financial year Turnover figures and profit &amp; Loss Accounts should accompany with Technical Bid for Verification. Please note that the balance sheets should carry average annual financial turnover during last 3 years up to 31/12/2017 and should be at least 30% of the estimated cost.</b>
38	Rates quoted are for <b>“Purchase and Installation of Anesthesia work station with Anesthesia Gas Machine with Ventilator with Monitor for Government Hospital, Daman”</b> to be supplied at Government Hospital, Daman.
39	Tenderer should enclose along with tender an amount of <b>Rs.2,40,000/-</b> as Earnest Money Deposit in form of Fixed Deposit Receipt of any Nationalized Bank payable at Daman in favour of Medical Superintendent, Government Hospital, Daman. The EMD Submitted other than Form mentioned above will not be accepted. <b>Tender received without EMD will be summarily rejected.</b>

40	The tender fee must be enclosed in demand draft in favour of undersigned with the tender documents.
41	<b><u>The last date of downloading of on-line tender documents is up to 07.03.2017 by 12.00 hours. The last date of submission of on-line tender documents is up to 07.03.2017 by 15.00 hours on line opening of price bid is possible is on 07.03.2017 at 16.00 hours. The Bidder have to submit price bid in Electronic format only on. Till the last date and time for submission. Price bid in physical format shall not be accepted in any case.</u></b>
42	<b>AMC:</b> The rates of Annual Maintenance Contract (AMC) should be for the period of three years from the expiry of Guarantee / Warranty period of one year and should written separately in the Financial bid year-wise. The decision to accept the tender with or without AMC is reserve with the Purchase Committee.
43	The tenderers should give the guaranty / warranty for the period of not less than one year from the date of installation against any manufacturing defect.
44	The tenderer may be called for a sample / demonstration of the items quoted for which they will be informed one week in advance for arranging the necessary sample / demonstration in the hospital on a suitable date and time failing which the tender will be rejected.
45	The tenderers shall be bound to give assurance for undertaking the Annual Maintenance Contract after expiry of guarantee / warranty period.
46	The successful tenderers shall be bound to provide training if any required without any extra charges during commissioning.
47	The successful tenderers should install and commissioning the equipment at the site suggested by the office.
48	The tendered quantity is tentative and the actual purchase can be 15% less or more than the quantity put to tender for all items and the tenderer is bond to supply such requirement without any demur.
49	The tendering firm must be registered with the Sales Tax/ VAT department and a copy of their registration under the Sales Tax/ VAT bearing the TIN Number be provided.
50	The Tender should give the guaranty/warranty for the period of not less than one year from the date of installation against any manufacturing defect.
51	The terms and conditions dully accepted and signed by the tenderer should attached with the Technical Bid.
52	The Financial Bid has to fill in prescribed format.
53	Tender should furnished a non black listed certificate that the firm has not been black listed in the past by any Government/private institution that there is no vigilance / CBI case against the firms supplier and the firm has not been blacklisted in the past by any Government or private organization, the tenderers should be attached an undertaking. (Annexure-I)
54.	The bidder should not have quoted price lower than quoted in this tender to any Govt./Semi Govt./public sector undertaking, bidder should enclosed affidavit to that effect on a non judicial stamp paper of Rs.20/-

Signature & Designation of  
Tender Inviting Officer

(Dr. Shailesh Arlekar)  
I/c. Medical Superintendent,  
Daman.

**The above terms and conditions are accepted and are binding to me / us.**

**Place :**

**Signature of Tenderers  
Name of Tenderers with seal  
of the firm**

**Dated :**

**NOTE: Please return one copy of these terms and conditions dully sign with seal of firm along with the tender.**

## ANNEXURE – I

( to be submitted on the letter head of the company/firm)

I hereby certify that the above firm has not been ever blacklisted by any Central/State Government/Public Undertaking/Institution on any account.

I also certify that the above information is true and correct in any every respect and in any case at a later date it is found that any details provided above are incorrect, any contract given to the above firm may be summarily terminated and the firm blacklisted.

I also certify that firm will supply the item as per the specifications given by institution and also abide all the terms and conditions stipulated in tender.

Date:

Place:

Name:

Business Address:

Signature Bidder:

Seal of Bidder:



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**E-Tender Notice No.GHD/E-TENDER/2016-2017/1520**

**Dated.11.02.2017**

**ELIGIBILITY PARAMETERS.**

1.	Name of the Organization	
2.	Postal Address	
3.	Telephone / Fax / Mobile No. of the Organization / Firm.	
4.	Status of the Organization/Firm (whether Private or Public Sector undertaking or Sole Proprietor or Partnership or co-operative society etc.) The tender should attach a resolution passed by the Executive Body authorizing the specific officer / partner for signing the documents.	
5.	Certificate from the respective manufacture company indicating your firm as authorized dealer/supplier for their product	
6.	Certificate of experience in the field of <b>“Purchase and Installation of Anesthesia work station with Anesthesia Gas Machine with Ventilator with Monitor for Government Hospital, Daman”</b>	
7.	Valid licence	
8.	Proof of fulfilling the norms of ISI/ISO/WHO/GMP	
9.	US FDA, CE and ISO Certified specified specification, if any	
10.	Copy of dealership letter	
11.	Licence for import	
12.	PAN CARD No.	
13.	Sales Tax / VAT No.	
14.	Service Tax if any	
15.	Copy of Turnover for Rs. 24,00,000/-of the estimated cost during last 3 years up to 31/12/2017	

Place :

Signature of Tenderer

Date :

Name of Tender with  
Seal of the firm

**ADMINISTRATION OF DAMAN AND DIU  
O/O. THE MEDICAL SUPRINTENDENT  
GOVRNMENT HOSPITAL, DAMAN**

**GHD/E-TENDER/2016-2017/1520      dated.11.02.2017  
Tender From (Technical Bid)**

**SPECIFICATION FOR ANAESTHESIA WORK STATION WITH ANAESTHESIA GAS MACHINE WITH VENTILATOR WITH MONITOR FOR GOVERNMENT HOSPITAL DAMAN**

<b>Sr. No.</b>	<b>Description</b>	<b>Company/ Model No.</b>	<b>Remark</b>
<b>1</b>	<b>GENERAL REQUIREMENT:</b>		
	<b>A.</b> Compact and modular, three gas work station with integrated ventilator for adults and infants and integrated airway monitor for airway pressure and volume.		
	<b>B.</b> Machine should be suitable for low and minimal flow and aesthesia application with compliance compensation for breathing circuit, fresh gas flow compensation / decoupling.		
	<b>C.</b> Machine should have three drawers.		
	<b>D.</b> Anaesthesia machine, built in ventilator, vaporiser and patient monitor should be manufactured by same company and must have efficient after sales services.		
	<b>E.</b> System should have atleast 2 hours battery back up.		
	<b>F.</b> Should confirm (i) ISO (ii) CE/ USFDA.		
	<b>G.</b> Should confirm to EN 60601-2-13 requirement for safety and performance.		
<b>2</b>	<b>GAS DELIVERY SYSTEM:</b>		
	<b>A.</b> Stainless steel cantilever construction with brakes on front wheels.		
	<b>B.</b> Should have pin index yokes for oxygen and Nitrous Oxide besides separate connection for central gas supply for oxygen, Nitrous and Air.		
	<b>C.</b> Machine should have pressure gauges for cylinder and central supply lines mounted on front of Anaesthesia Machine. Gas connections should be non-interchangeable.		
	<b>D.</b> System should be suitable for use at minimal flow upto 700 ml fresh gas setting.		
	<b>E.</b> Three gas system, Oxygen, Nitrous oxide and air with pipe line connection and reserve cylinder yokes.		
	<b>F.</b> Should have 5 tubes rotameter assembly 2 Nitrous, 2 Oxygen and 1 Air. It should be antistatic coated.		
	<b>G.</b> Hypoxic guard to ensure minimum 25% oxygen across all oxygen and Nitrous mixture.		
	<b>H.</b> Automatic Nitrous cut off if failure of oxygen pressure. Oxygen failure alarm should be audio and visual.		
	<b>I.</b> Back pressure relief valve blows off when back pressure exceeds 50 cm H <sub>2</sub> O should have non-return valve.		
	<b>J.</b> Oxygen flush minimum 25 lit/ min. upto 75 lit/ min. should have patients safety blow off valve set at 50 cm of H <sub>2</sub> O.		
	<b>K.</b> In event of power loss it should be possible to manually ventilate and deliver anaesthetic agent.		
<b>3</b>	<b>BREATHING SYSTEM:</b>		
	<b>A.</b> Should be provided with oxygen reservoir of 3 lit capacity at 60 PSI		



	<b>B.</b> Colour coded high pressure tubing 5 meter long for oxygen, Nitrous and air should be provided.		
	<b>C.</b> Should have reusable adult and paediatric autoclavable silicone circuit two of each.		
	<b>D.</b> Should be supplied with Adult Bain Circuit Paediatric Bain circuit, circle circuit, 2 litre circle absorber. Gas supply system should be colour coded.		
	<b>E.</b> Breathing system should have following features:		
	Ø Volume of entire compact breathing system should be 1.7 lit plus bag		
	Ø Volume of CO <sub>2</sub> absorber 1.5 lit.		
	Ø Should be natural latex freee & autoclavable.		
	Ø Total circuit volume shall not exceed 2.7 lit including absorber volume.		
	<b>F.</b> Device should have port for anaesthesia gas scavenging system.		
	<b>G.</b> Total gas consumption of O <sub>2</sub> , N <sub>2</sub> O and air to be measured and displayed.		
<b>4</b>	<b>VAPORISER:</b>		
	<b>A.</b> Machine should have possibility to mount two quick mount type vaporiser for easy inter changeability and safety ith inter lock facility.		
	<b>B.</b> Vaporiser should have extended delivery range from 0 to 6 vol. %.		
	<b>C.</b> Vaporiser should not require calibration and should be maintenance free.		
	<b>D.</b> Flow and temperature compensated controlled agent delivery fast and instant gas agent delivery with no warning time.		
	<b>E.</b> Vaporiser must be isolated from gas flow in off position and prevent the simultaneous activation of more than one vaporiser.		
	<b>F.</b> Back bar should accept two vaporisers of selectatec or Dragger manifold.		
	<b>G.</b> Should be suitable for isoflurane, servoflurane and Halothane delivery.		
	<b>H.</b> Should have built in overfill protection with locking mechanism.		
<b>5</b>	<b>VENTILATOR:</b>		
	<b>A.</b> The system should have in built ventilator that is electronically controlled and electrically driven.		
	<b>B.</b> Should not require changing of bellows for adult and infants.		
	<b>C.</b> Should have following operating modes.		
	Standard - Manual or spontaneous.		
	-Volume control.		
	Optional - Pressure Controlled.		
	- Pressure support.		
	- Synchronised Volume control		
	- Ventilation with PS (SIMV / PS )		
	<b>D.</b> Tidal volume: 20-1400 ml		
	<b>E.</b> PEEP: 0-20 cm H <sub>2</sub> O		
	<b>F.</b> Breathing frequency 4 to 60 BPM.		
	<b>G.</b> I:E Ratio:4:1 to 1:4		
	<b>H.</b> Pressure limiting P max: 15 to 70 cm		
	<b>I.</b> Should have display screen of atleast 6.5 inches.		
	<b>J.</b> Trigger level 2 to 15 l/ min.		

	<b>K.</b> Ventilator should have battery back up of atleast 45 min and upto 120 min.		
	<b>L.</b> Should have desflurane compensation.		
	<b>M.</b> Should be able to ventilate with atmospheric air incase of total gas supply failure.		
	<b>N.</b> Should display pressure Vs time, volume Vs time, compliance loop, wave form freeze.		
<b>6</b>	<b>AIRWAY MONITORING AND ALARMS.</b>		
	<b>A.</b> Expiratory tidal volume.		
	<b>B.</b> Expiratory minute volume.		
	<b>C.</b> Peep. Peak & Mean. Plateau airway pressure plateau.		
	<b>D.</b> Frequency.		
	<b>E.</b> Waveform display for airway pressure.		
	<b>F.</b> Should have adjustable alarms for following:		
	Ø Minute volume.		
	Ø Airway pressuring.		
	Ø Inspiratory Oxygen concentration.		
	Ø Fail cycle warning.		
<b>7</b>	<b>MULTIPARA MONITOR:</b>		
	<b>A.</b> Should be suitable for adult, paediatric neonatal patient monitoring.		
	<b>B.</b> It should have 15" colour TFT display with visible parameters and visible alarms.		
	<b>C.</b> Should have following parameters:		
	Ø 5 lead ECG.		
	Ø NIBP		
	Ø SpO <sub>2</sub>		
	Ø Respiration.		
	Ø Dual BP		
	Ø Dual temperature.		
	<b>D.</b> Should have following features as standard ST Analysis, Arrhythmia, Monitoring Pacer spike detection drug dose calculation and oxy CRG.		
	<b>E.</b> Should have monitoring, surgery and diagnostic mode.		
	<b>F.</b> Should have 15" TFT/LCD display with minimum 10 channel waveforms.		
	<b>G.</b> Should have battery back up upto 2 hours.		
	<b>H.</b> Should trend upto 72 hours of graphic and numeric data.		
	<b>I.</b> Monitor access should be touch screen rotary knob and fast access key for quick function. Wire should be standard to connect to central station		
	<b>J.</b> Should have following accessories		
	Ø ECG cables - 2		
	Ø SpO <sub>2</sub> probe - 2		
	- 2 Paediatric		
	Ø NIBP cuff - Adult - 2		
	-Paediatric-2		
	-Neonate-1		
	Ø Temperature Probe -Skin - 1		
	-Core- 1		
	Ø IBP cables - 2 numbers with 10 pressure transducers.		
	Ø Etco <sub>2</sub> -10 filter assemblies and 10 tubings		
	Ø NM monitoring - 25 disposable leads and monitoring cables.		
	<b>K.</b> It should have following parameters.		
	<b>a)</b> ECG - upto 7 leads		
	- ST Analysis.		
	- Wave form freeze for 120 sec.		
	- Range 15 to 350 bpm		

	<b>b)</b> Respiration: by E+CO <sub>2</sub> or impedance pneumography.		
	<b>c)</b> NIBP: by oscillometry, 10 to 270 mm Hg.		
	<b>d)</b> Temperature - 0 to 50° c.		
	<b>e)</b> Dual 1 BP - -50 to 300 mm Hg.		
	<b>f)</b> Anaesthesia Gas module – Should measuring Co <sub>2</sub> , N <sub>2</sub> O and Anaesthetic agent (Inspiratory and expiratory concentration) with age corrected MAC value.		
	<b>g)</b> Should has USB port for software upgrade		
<b>8</b>	<b>SCOPE OF SUPPLY.</b>		
	<b>A.</b> 3 gas machine		
	<b>B.</b> Trolley with 3 drawers.		
	<b>C.</b> Writing surface.		
	<b>D.</b> Pin index yokes for oxygen and nitrous oxide.		
	<b>E.</b> Pipeline connection for 3 gases with 5 metre long high pressure tubing for each gas.		
	<b>F.</b> Anaesthesia ventilator.		
	<b>G.</b> Patient monitor.		
	<b>H.</b> Semi closed breathing system.		
	<b>I.</b> Adult and paediatric auto clavable patient tubing & breathing system.		
	<b>J.</b> Anaesthetic mask silicone size 0-5.		
	<b>K.</b> Vaporiser for isoflurane and servoflurane.		
	<b>L.</b> Central gas supply hoses.		
<b>9</b>	<b>POWER SUPPLY:</b>		
	<b>A.</b> 220-240 VAC 3 phase appropriately fitted with indian plug.		
	<b>B.</b> Servo controlled stabiliser/ CVT.		
	<b>C.</b> UPS with minimum 1 hour back up.		
	<b>D.</b> Shall meet IEC- 60601-1-2-2001 safety requirement for anaesthetic gas disposal system.		
	<b>E.</b> IEC 60601-1-2 for electrical safety.		
	<b>F.</b> System should come with two years warranty. The bidder must quote prices for CMC for upto 5 year, CMC costs will be considered for price comparison		
<b>10</b>	<b>GENERAL CONDITION:</b>		
	<b>A.</b> Should enclose compliance statement.		
	<b>B.</b> Should have service facility.		
	<b>C.</b> All imported components like machine, ventilator, monitor should be from single manufacturers.		
	<b>D.</b> Demonstration of equipment is compulsory.		
	<b>E.</b> Includes instruction to use.		
	<b>F.</b> Should enclose compliance report.		
	<b>G.</b> Should be ISO certified.		
	<b>H.</b> Should be USFDA certified.		

ADMINISTRATION OF DAMAN AND DIU  
O/O. THE MEDICAL SUPRINTENDENT  
GOVERNMENT HOSPITAL, DAMAN

GHD/E-TENDER/2016-2017/1520 dated.11.02.2017

Tender From (Finacial Bid)

SR NO.	NAME OF ITEMS	UNIT	Rate in figures	Rate in Words
	Rate as per Technical Specification for Anaesthesia work Station with Anaesthesia Gas Machine with Ventilator with Monitor			
1	Anaesthesia work Station with Anaesthesia Gas Machine with Ventilator with Monitor	1		
2	The AMC of Compressive nature for period of 5 years from the expried of guarantee / warranty period			
a	1st Year			
b	2nd Year			
c	3rd Year			
d	4th Year			
e	5th Year			