

**e-tender Notice for Purchase of Multi Para Monitor and Syringe Infusion Pump
under Medical and Health Services UT of Daman & Diu for the Year 2020.**

Administration of
UT of Daman & Diu.,
Office of the Directorate,
Medical and Public Health Services

No. 03/67/P&T/Multi ParaMonitor&Infusion Pump
/2020-19/DMHS/2677

Daman.

Date: 23 /03/2020

Short e-Tender Notice

The Director of Medical and Health Services, Daman & Diu on behalf of President of India, invites on line tender on <https://ddtenders.gov.in> from the Manufactures / Authorized Dealers / Suppliers for Purchase of Multipara Monitor (5 nos) and Syringe Infusion Pump (5 nos) under Medical & Health Services Daman & Diu.

Sr. No.	Particulars	Estimated Cost	(E.M.D.) Earnest Money Deposit	Tender Fees (Non- Refundable)	e-Tender ID No.
1	Purchase of Multipara Monitor (5 nos) and Syringe Infusion Pump (5 nos)	₹.14.75 Lacs	₹. 37,000/-	₹.2000/-	2020_DAM AN_753_1

Bid document downloading Start Date : 23.03.2020
Bid document downloading End Date : 27.03.2020, 13:00 Hrs.
Last Date & Time for receipt of Bid : 27.03.2020, 14.00 Hrs.
Preliminary Stage Bid Opening Date : 27.03.2020, 15.30 Hrs.
Technical Stage Bid Opening Date : 27.03.2020, 16.00 Hrs.

Bidders have to submit Technical Bid and Price Bid in Electronic format only on <https://ddtenders.gov.in> website till the last date and time for submission. Technical Bid and Price Bid in Physical format shall not be accepted in any case.

Bid submission should be done along with tender Fees and EMD in original by R.P.A.D./Speed Post or to be deposited in the tender box kept in the office of the undersigned. However, Tender Inviting Authority shall not be responsible for any postal delay. Tenders can be downloaded from www.ddtenders.gov.in, www.daman.nic.in

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1. The EMD and Tender Fees should not be forwarded by cash.
2. The Tender Fees will be accepted only in form of DD/A/c payee Cheque of any Nationalized or Scheduled Bank of India payable in Daman.
3. The EMD will be accepted in form of FDR /A/c Payee Demand Draft / Bankers Cheque or Bank Guarantee from any Commercial Banks in an acceptable form payable at Daman in favor of under signed.

The tender inviting authority reserves the right to accept or reject any or all the tender to be received without assigning any reasons thereof. Bidders shall have to post their queries on E-Mail address: ptdmhsdaman@gmail.com

In case bidder needs any clarification or if training required for participating in online tender, they can contact the following office.

For any technical related queries please call at 24 x 7 Help Desk Number 0120-4200462, 0120-4001002, 0120-4001005, 0120-6277787. International Bidders are requested to prefix 91 as country code.

Note- Bidders are requested to kindly mention the URL of the Portal and Tender Id in the subject while emailing any issue along with the Contact details. For any issues/ clarifications relating to the tender(s) published kindly contact the respective Tender Inviting Authority.

Tel : 0120-4200462, 0120-4001002, 0120-4001005, 0120-6277787.

E-Mail : support-eproc[at]nic[dot]in

Sd/-
Director
Medical & Health Services
Daman & Diu
“Tel.No.0260-2230570

Copy to :-

- 1) In-Charge Medical Superintendent Govt. Hospital Daman.
- 2) CPO, Daman, for wide publicity in Newspaper.
- 3) I.T. Department, Daman, with a request to publish in Website.
- 4) Accounts Section, Daman, for information.
- 5) P&T Department Daman, for information.

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U.T. ADMINISTRATION OF DAMAN & DIU,
OFFICE OF THE DIRECTORATE,
MEDICAL AND HEALTH SERVICES, DAMAN.

Terms and Conditions for the “Purchase of Multipara Monitor (5 nos) and Syringe Infusion Pump (5 nos) under Medical & Health Services Daman & Diu.”

❖ **Instructions to Bidders :**

- 1) All Tender Documents can be downloaded free from the website <https://ddtenders.gov.in>
- 2) All bids should be submitted online on the website <https://ddtenders.gov.in>
- 3) The user can get a copy of instructions to online participation from the website <https://ddtenders.gov.in>
- 4) The suppliers should register on the website through the “New Supplier” link provided at the home page, the registration on the site should not be taken as registration or empanelment or any other form of registration with the tendering authority.
- 5) The application for training and issue of digital signature certificates should be made at least 72 hours in advance to the due date and time of tender submission.
- 6) For all queries regarding tender specifications and any other clauses included in the tender document should be addressed to personnel in tendering office address provided below:

**The Director
Medical and Health Services
Primary Health Centre Moti Daman
Daman 396220
Tel 0260-2230470 2230570**

- 7) All documents scanned/attached should be legible / readable. A hard copy of the same may be send which the department will be use if required. Uploading the required documents in <https://ddtenders.gov.in> is essential.
- 8) The Bidder has to give compliance for each quoted product for any false / misleading statement in compliance found any time during the procurement process, the bid shall be outrightly rejected & EMD shall be forfeited.

Keydates:

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The Tenders shall be submitted in two-bid system, wherein the Technical bid and Commercial Bid is to be filled online on <https://ddtenders.gov.in> and the EMD and Tender Fee has to be submitted in Tender Box along with a covering letter. The envelope should be super scribing as “**e-Tender - Sealed Cover of Bid for Purchase of Multipara Monitor (5 nos) and Syringe Infusion Pump (5 nos) under Director Medical & Health Service Daman & Diu**”. The EMD and Tender Fees should be enclosed with BID only.

Tender Fees (Non Refundable) ₹.2,000/- :

- a. The Tender Fees should not be forwarded by cash.
- b. The Tender Fees (Non Refundable) will be accepted only in form of DD/A/c payee Cheque in favor of **The Director of Medical and Health Services, Daman** from any Nationalized or Scheduled Bank of India payable in Daman.
- c. All tenders must be accompanied by Tender fees as specified in schedule otherwise tender will be rejected.

Earnest Money Deposit ₹. 37,000/- :

- a. All tenders must be accompanied by EMD as specified in schedule otherwise tender will be rejected.
- b. The manufacturing units who are placed in Daman are exempted for Earnest Money Deposit. For getting exemption, tenderers have to furnish valid and certified documents along with the tender, otherwise tender will be rejected.
- c. Any firm desires to consider exemption from payment of Earnest Money Deposit, valid and certified copies of its Registration with D.G.S. & D. should be attached to their tenders.
- d. EMD can be paid in either of the form of following:
 - i. A/c Payee Demand Draft
 - ii. Fixed Deposit Receipts
 - iii. Bank Guarantee

In favor of **The Director of Medical and Health Services, Daman** from any Nationalized or Scheduled Bank authorized by RBI to undertake Government Business.

- e. EMD should be valid upto **12 (Twelve Months)** from the date of its issuance.
- f. EMD in any other forms will not be accepted.
- g. EMD/Security Deposit shall be liable to be forfeited in following circumstances:

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- i. Tender is rejected due to failure of supply the requisite documents in proper format or giving any misleading statement or submission of false affidavit or fabricated documents.
 - ii. In case, the contractor does not execute the supply order placed with him within stipulated time, the EMD of the contractor will be forfeited to the Government and the contract for the supply shall terminated with no further liabilities on either party to the contract.
 - iii. Tenderer fails to replace the goods declared to be not of standard quality or not conforming to acceptable standards or found to be decayed/spoilt.
- h. The amount of Earnest Money paid by the tenderer(s) whose tenders are not accepted will be refunded to them by cheque or Demand Draft (as may be convenient to the Tender Inviting Officer if the amount is above ₹.200/-) drawn on any Nationalized or Scheduled Bank payable at Daman. Where this mode of payment is not possible the amount will be refunded at the cost of the tenderer.
- i. Only on satisfactory completion of the supply order for and on payment of all bills of the contractor, 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.
- j. In case of failure to supply the store, materials etc. ordered for, as per conditions and within the stipulated time, the name articles 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 contractor Security Deposit/Earnest Money or bills payable. The contractor shall have no right to dispute with such procedure.
- k. The Earnest Money(s) paid by the tender(s) earlier against any tender(s) or supply order(s) is not adjustable with Earnest Money required by these conditions.

Security Deposit: (SD)

- 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, which may be ordered, as the amount of security deposit.
- b. Non receipt of Security Deposit within stipulated time 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 bill(s) for such articles.

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- d. In case of failure to replace the accepted and rejected articles from the supplies made, as mentioned in the conditions the loss undergone by the Government will be recovered from the suppliers Security Deposit or payment due of any bill(s) to the extend required.
- e. The Security Deposit(s) paid by the tender(s) earlier against any tender(s) or supply order(s) is not adjustable with Security Deposit required by these conditions.
- f. The 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 for the loss made to the Government on account of his failure to abide by the time limit.

❖ **Conditions of Contract :**

1. ACCEPTANCE OF TENDER:

- a. The tender is liable for rejection due to any of the reasons mentioned below:
 - i. Non-Submission of tender within stipulated time online.
 - ii. Submission of tender physically in the Office but not submitted online on <https://ddtenders.gov.in>
 - iii. Tender is unsigned or not initialed on each page or with unauthenticated corrections.
 - iv. Non-payment of Earnest Money Deposit (if not exempted).
 - v. Non-Submission of required documents as mentioned in schedule.
 - vi. Conditional / vague offers.
 - vii. Unsatisfactory past performance of the tenderer.
 - viii. Items with major changes/deviations in specifications/ standard/ grade/ packing/ quality offered.
 - ix. Offering an accessory optional even though required to operate the instrument.
 - x. Submission of misleading/contradictory/false statement or information and fabricated/ invalid documents.
 - xi. Tenders not filled up properly.
 - xii. Non submission of notarized authority letter in prescribed format for imported items.
- b. Any discount which the bidder wants to give has to be considered and total final bid amount has to be mentioned clearly in the price bid form on <https://ddtenders.gov.in>.

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- c. Discount offered after price bid opening will not be considered.
- d. The consolidated rates entered in the online website will be taken in to account for preparing price statements. However the tender who is found technically acceptable as well as lowest in terms of evaluated rates only be considered for placing the order.
- e. The Director, Medical and Health Services may seek any clarifications / explanation / documentary evidence related to offer at any stage from tenderers if required.
- f. **The rate quoted should be inclusive of all taxes no extra charges will be paid and should be valid upto One Year from the date of tenderization.**
- g. Orders once placed should be delivered within the given time period and should be door delivered.
- h. All/Taxes/Duties/Royalties Charges payable on the sales/transport etc. within and/or outside the state shall be payable by the supplier.
- i. The decision of the Tender Inviting Officer for acceptance/rejection of any articles supplied including the decision for equivalent specifications, standard and quality etc. shall be final.
- j. The right to accept or reject without assigning any reasons or all tenders in part or whole is reserved with the 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.
- k. 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.
- l. The rate(s) quoted should be strictly for free delivery at FOR Directorate Medical & Health Services Daman and will be valid and operative for supply orders issued within one year from the date of invitation of tenders.

2. TERMS OF SUPPLY :

- a. The packing and labels of all the items to be supplied under the order shall be marked with the words 'FOR U.T. OF DAMAN & DIU- NOT FOR SALE' if the items are packed in packets which are then placed or repacked within a box/ carton/ bottle/ foil, these words will be printed/ marked on both the internal/ external packs and labels. The retail price must not be printed or shown anywhere either on external or internal packs/ box/ carton/ foil.
- b. In event of breakage or loss of stores during transit against requisition order the said quantity has to be replaced by the tenderer. The department will not pay separately for transit insurance and supplier will be responsible for stores.

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- c. Railway Receipt or other transport document should be drawn in the favor of Officer Inviting tender.
- d. Railway Receipt or other transport document should not be send by VPP 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 RR or other transport documents unless we have agreed to it as special arrangement.
- e. Extension of time limit for supplies shall be considered 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.
- f. The supplies, of inferior quality standard or of different specifications, 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 product etc 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 damages, loss etc. of such rejected articles.
- g. Demurrage charges paid by the Tender Inviting Officer on account of delayed receipt of dispatch documents intimation will be recovered from the bills payable to the supplier.
- h. If at any time after the order for supply of items the 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 to 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 items 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.
- i. The items as mentioned in the list are the approximate estimates invited and actual purchase may more. Accordingly the successful tenderer has no right for any loss/damages with reference to approximate requirement shown in tender and actual requirement.
- j. Inspection will be carried out in the premises of DMHS Daman. If material to be inspected in factory premises all expenditure to be borne by the Tenderer.

3. Bid Evaluation Methodology :

- A. **Preliminary Evaluation:** Tender Fee and EMD Submission.
- B. **Technical Evaluation:**
- Scrutiny of technical specifications and other relevant documents as asked by the department with the quoted specification.
 - Scrutiny of Compliance Statement given by the bidder.
 - Technical Demonstration if required.
- C. **Financial Evaluation:** Lowest quoted offered by Technically Qualified Bidders.

4. PAYMENT TERMS :

- a. 100% of the invoice amount will be paid only after supply, successful and submission of Security deposit.
- b. Price escalation clause will not be entertained under any circumstances.
- c. All bills should be in **TRIPLICATE** and should invariably mention the number and date of supply order.
- d. All bills for amount above ₹.5000/- should be pre-receipted on a Revenue Stamp of proper value. Bills for amount exceeding ₹.5000/- not pre-receipted on Revenue Stamp of proper value will not be accepted for payment.
- e. Each bill in which Sales Tax is charged must contain the following certificates on the body of the bill: **“CERTIFIED”** that the goods on which Sales Tax has been charged have not been exempted under the Central Sale Tax Act or the Rules made there under and the amount charged on account of Sales Tax on these goods is not more than what is payable under the provisions of relevant Act or Rules made there under”.
- f. No extra charge for forwarding, passing and insurance etc. will be paid on the rates quoted.
- g. The rates should be quoted only for the products as per specification attached.
- h. Rates quoted for the products other than the required specification will not be considered.

Sd/-
Director
Medical & Health Services
Daman & Diu
“Tel.No.0260-2230570

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under Medical and Health Services UT of Daman & Diu for the Year 2020.**

ANNEXURE - A

SCHEDULE OF DOCUMENTS ATTACHED

Sr. No.	Document/Certificate	Uploaded & Enclosed
A.	General Documents :	
01.	PAN No.	Yes / No
02.	GST Registration No.	Yes / No
03.	Capacity and Quality Certificate	Yes / No
04.	Manufacturing License Copy	Yes / No
05.	Turnover Certificate of Chartered Accountants for last Two Years/ IT Returns	Yes / No
06.	Verification, Undertaking, Checklist and Documents as per Annexure - A.	Yes / No
07.	Scan copy of Terms and Conditions of the Tender Documents duly Stamped and Signed on each page.	Yes / No
08.	Scan copy of Scope of Work correctly filled with Stamped and Signed on each page.	Yes / No
B.	Desirables :	
01.	Original Product Literature of each quoted product.	Yes / No
02.	List of Installations / Users / Customers with Phone Numbers.	Yes / No
03.	Compliance Statement as per format on Annexure - C.	Yes / No
04.	Scan copy of Annexure - B of the Tender Documents duly Stamped and Signed.	Yes / No

It is verified that all the certificates/permissions/documents are valid and current as on date and have not been withdrawn/cancelled by the issuing authority. It is further verified that the represents at above and declaration part are as per the format prescribed by the Administration and it is clearly and distinctly understood by me/us that the tender is liable to be rejected if on scrutiny and of these certificates is found to be not as per the prescribed format of Administration.

I/We further undertake to produce on demand the original certificate/ permission/ document for verification at any stage during the processing of the tender.

Date:

Place:

Sign & Stamp of tenderer.

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ANNEXURE - B

Item Name: _____

Model Quoted: _____

Make: _____

Sr. No.	Specification asked in tender	Specification offered in quoted model	Remarks of deviation

The format should be used separately for each quoted item.

Date:

Place:

Sign & Stamp of tenderer

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• **AMC / CMC Details:**

1. The Warranty/Guarantee for one year and free service clause to be clearly mentioned by the Manufacturer on their letter head. If the Authorized dealer is going to carry out the service then they have to furnish the authority letter given by the manufacturer to sale/service the specified product in this Territory.
2. Rates for *AMC / CMC Maintenance Contract* for Seven Year should be mentioned separately in the Financial Bid. It should be clearly mentioned whether AMC / CMC will be done through company itself or its service franchise/dealers. In that case Manufacturing Company must give authority letter to such franchise/dealers on their letter head clearly mentioning free service period and AMC / CMC for period of Seven Years.

Type of AMC / CMC	AMC Rate (excluding taxes)	CMC Rate (excluding taxes)	Executed by (manufacturers/authorized service dealers) Name and address to be specified here
1 st Year (after one year warranty)			
2 nd Year			
3 rd Year			
4 th year			
5 th Year			
6 th Year			
7 th year			

Note:

1. Quoted AMC / CMC price not more than 10% cost of the system, otherwise offer will be outrightly rejected. The rates of AMC / CMC price should be quoted in Indian Rupees only.
2. The Rates quoted should be excluding taxes. Taxes shall be applicable extra as prevalent in the respective Year.

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3. AMC / CMC Rate should be on Manufacturers / Authorized Dealer Letter Head and not on Bidders Letter Head.

SCOPE OF WORK:

Schedule of Requirements, Specifications and Allied Technical Details :

Purchase of Multipara Monitor (5 nos) and Syringe Infusion Pump (5 nos) for the Year 2020 Under Directorate of Medical & Health Services Daman & Diu.

Sr. No	Description	Qty Required	Company Offered	Make / Model	Compliance Yes/No																	
1	Multi Para Monitor	05 Nos																				
	<table border="1"> <tr> <td align="center">Sr.</td> <td>Specifications</td> </tr> <tr> <td align="center">1</td> <td>Should have ECG, SpO2, NIBP, Respiration and 2 x Temperature 2 x invasive, choice of EtCO2 (Capnography) monitoring between micro-stream and main-stream technologies</td> </tr> <tr> <td align="center">2</td> <td>Should be suitable for monitoring adult & pediatric patients & neonate patients</td> </tr> <tr> <td align="center">3</td> <td>Should display at least 12 waveforms channels of selected parameters simultaneously</td> </tr> <tr> <td align="center">4</td> <td>Should have inbuilt continuous battery backup through lithium -ion battery of minimum four hours; upgradable to 6 hours</td> </tr> <tr> <td align="center">5</td> <td>Display: Color TFT touch display size of 12" or more. Operation should be through full touch screen</td> </tr> <tr> <td align="center">6</td> <td> ECG <ul style="list-style-type: none"> • ECG 5-lead with facility of monitoring 12L (simultaneously) • 12Lead ECG should be displayed in separate screen • Facility to store and compare last 12L ECG taken • Advance Arrhythmia analysis with ST snippets and ST visual graphics • HR range 30-350 bpm and HR accuracy +/- 1 bpm • ST Range minimum \pm 5mm and above. Accuracy \pm 0.5mm or 15% whichever is greater. • ECG should meet AAMI standards and should comply with IEC </td> </tr> <tr> <td align="center">7</td> <td> Respiration Rate <ul style="list-style-type: none"> • Impedance Pneumography principle • Measurement through ECG cable • Apnea delay selection facility • Range: 0 to 170 bpm • Accuracy: \pm1 bpm for adult and \pm2 bpm for neonates </td> </tr> <tr> <td align="center">8</td> <td> Pulse Oximetry <ul style="list-style-type: none"> • It must use Masimo or Nellcor technology to measure oxygen saturation for accuracy during motion artifacts, low perfusion states like shock, bradycardia and hypothermia & with PI Index • Measurement range: 0 to 100% </td> </tr> </table>	Sr.	Specifications	1	Should have ECG, SpO2, NIBP, Respiration and 2 x Temperature 2 x invasive, choice of EtCO2 (Capnography) monitoring between micro-stream and main-stream technologies	2	Should be suitable for monitoring adult & pediatric patients & neonate patients	3	Should display at least 12 waveforms channels of selected parameters simultaneously	4	Should have inbuilt continuous battery backup through lithium -ion battery of minimum four hours; upgradable to 6 hours	5	Display: Color TFT touch display size of 12" or more. Operation should be through full touch screen	6	ECG <ul style="list-style-type: none"> • ECG 5-lead with facility of monitoring 12L (simultaneously) • 12Lead ECG should be displayed in separate screen • Facility to store and compare last 12L ECG taken • Advance Arrhythmia analysis with ST snippets and ST visual graphics • HR range 30-350 bpm and HR accuracy +/- 1 bpm • ST Range minimum \pm 5mm and above. Accuracy \pm 0.5mm or 15% whichever is greater. • ECG should meet AAMI standards and should comply with IEC 	7	Respiration Rate <ul style="list-style-type: none"> • Impedance Pneumography principle • Measurement through ECG cable • Apnea delay selection facility • Range: 0 to 170 bpm • Accuracy: \pm1 bpm for adult and \pm2 bpm for neonates 	8	Pulse Oximetry <ul style="list-style-type: none"> • It must use Masimo or Nellcor technology to measure oxygen saturation for accuracy during motion artifacts, low perfusion states like shock, bradycardia and hypothermia & with PI Index • Measurement range: 0 to 100% 			
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	<ul style="list-style-type: none"> Pulse range: 30 to 300 bpm Accuracy: +/- 2% from 100% to 70% 				
9	<p>IBP</p> <ul style="list-style-type: none"> Monitor must have facility for at least 2 IBP measurements Range: -20 to 320 mmHg Optimum scale adjustment facility for IBP IBP waveform overlapping facility should be provided Labelling should be possible for Arterial, CVP, PAP, ICP etc 				
10	<p>Temperature</p> <ul style="list-style-type: none"> Monitor should have facility for at least one temp measurement Facility for core as well as skin temp measurement Range: -1 to 45 C Accuracy: +/- 0.1 C 				
11	<p>Capnography</p> <ul style="list-style-type: none"> Monitor should have module for Mainstream CO2 measurement Dedicated accessories should be available for adult and Neonatal patients Monitor should provide reusable mainstream adapter as standard with module 				
12	<p>Cardiac Output</p> <ul style="list-style-type: none"> Monitor should have module for cardiac output measurement Module should be easily replaceable among other monitors Cardiac Output should be possible both with CCO and Swan Ganz method Continuous cardiac output should be with thermo-dilution method Monitor should offer SVV for volume responsiveness of patient 				
13	<p>NIBP</p> <ul style="list-style-type: none"> By oscillometric principle of measurement. Should display Systolic, diastolic, mean pressure in large easy to read display. Range: 10 to 270mmHg. 				
14	Should have facility for displaying multi-screen configurations				
15	Should be able to store & display at least 196 hours of tabular & graphical trends of all parameters. Should also have full disclosure of waveforms for minimum 48 hours. Minimum 200 events recalls with 3 waveforms snapshots				
16	Should be able to analyze arrhythmias & ST segment changes. Monitor should be upgradable to monitor 12 lead ECG with ST segment representation in easily readable graphical form				
17	Should be able to give visual & audible alarms with three levels of volume adjustment				
18	USB port should be available to directly export tabular trend data. Monitor should also be able to export data in HL7 format				
19	Should be European CE and USFDA 510K approved				
20	Two years warranty on equipment from the date of installation and 06 months warranty on accessories				
21	Equipment should be supplied with compatible 3 lead ECG cable (1 Nos.), SpO2 (Adult) probe with extension cable (1 Nos.), NIBP Cuff with extension				

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		cable of Large Adult, Adult & Pediatric (1 size each), Skin Temperature and Rectal Temperature probe (1 No. each) & Operating/user Manual (1 No.)				
	22	Quoted model should not be more than 5 years older in manufacturer's portfolio.				
2	Syringe Infusion Pump		05 Nos			
	<ol style="list-style-type: none"> 1. On-pump syringe loading guidelines 2. 4 step programming sequence 3. Syringe should be bottom loaded 4. Bolus Rate upto 1200ml/hr 5. Wide range of audio and visual alarms : <ul style="list-style-type: none"> • Battery Low • Occlusion • Syringe Near Empty • Syringe Empty • Syringe Error • Not Infusing 6. Programmable infusion rate of 0.1 ml/hr to 1200 ml/hr& adjusted in increments of 0.1ml/hr. 7. Three occlusion pressure settings:- <ul style="list-style-type: none"> • Low (L): 300mmHg +/- 100mmHg • Medium (C): 500mmHg +/- 100mmHg • High (H): 800mmHg +/- 100mmHg 8. Body Weight mode should be readily available at a touch of single button. 9. Factory Calibrated for international & local brands syringes including Romsons, Dispovan 10. On Pump Syringe loading guidelines 11. LED screen 12. Company Owned Service Centre in India 13. CE Marked & ISO Certified 14. Technical Specifications: <ul style="list-style-type: none"> • Weight: not more than 2.5 kg (approx. including pole clamp) • Dimensions: 310 mm x 140 mm x 135 mm (not including pole clamp) • AC Power Supply: 220-230V at 50 – 60Hz • Battery Type: Rechargeable 12 V DC Nickel Metal Hydride Ni – MH • Battery Life: 4 hours at 5 ml/hr • KVO Rate: 0.5ml/hr (continuous mode, not VTBI) • Mass Units: mcg/kg/min or mg/kg/hr • Body Weight: 0.1kg to 300kg • Infusion Rate: 0.1ml/h to 1200 ml/h 					

Sd/-
Director
 Medical & Health Services
 Daman & Diu
 "Tel.No.0260-2230570

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