

**Administration of Daman and Diu,
O/O Medical Superintendent,
Government Hospital,Daman**

No.GHD/E-TENDER/2013-14/3016

Dated: 07 /10/2013

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 Licence. The tender notice also available on www.nic daman.in

Sr.No.	Description Items	Estimated cost	EMD (in the form of FDR)	Tender fees (Non refundable)
01	Purchase of Mammography Machine for Government Hospital,Daman	42.00 lakh	1,26,000/-	2000/-
02	Purchase of CSSD Furniture furniture	7.00 lakh	21,000/-	2000/-
03	Purchase of Laparoscopic and Arthroscopy Equipments	25.00 lakh	75,000/-	2000/-
04	Purchase of Hospital Furniture	25.00 lakh	75,000/-	2000/-
05	Purchase of Hospital Equipments	40.00 lakh	1,20,000/-	2000/-
06	Purchase of Medicines and Other Materials	48.00 lakh	1,44,000/-	2000/-
Last date of downloading of on line tender documents: upto 30.10..2013 by 12.00 hours				
Last date of submission of online tender document: upto 30.10.2013 by 15.00 hours.				
On line opening of price Bid: If possible on 31.10.2013 at 16.00 hours				
Bidders have to submit price bid in Electronic format only on www.nprocure.com 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 to the undersigned by RPAD/Speed post/by hand on or before 31.10.2013 upto 13.00 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: tushar.dcpa @ gmail.com on or before dated 31.10..2013 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) <u>E-Mail</u> nprocure @ncode.in Fax +917926857321				
Website: www.nprocure.com				

(Dr.B.R. Chand)
Medical Superintendent,
Government Hospital,Daman

**U.T.ADMINISTRATION OF DAMAN & DIU
O/O THE MEDICAL SUPERINDENDENT,
GOVERNMENT HOSPITAL, DAMAN
DAMAN**

**TERMS & CONDITIONS FOR THE
SUPPLY AND INSTALLATION FOR EQUIPMENTS FOR GOVERNMENT
HOPSITAL,DAMAN**

E-Tender Notice No.GHD/E-TENDER/2013-14/3016

Dated 07.10.2013

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 31-03-2014
2. The rates should be quoted inclusive of all taxes, installation & commissioning charge etc.
3. Except C.S.T. all other Taxes/Duties/Royalties Charges payable on the sales/transport etc. within and/or outside the state of supplier 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 the required specification/mark/manufacture may not be considered. However, indigenous manufactures may quote their own makes provided the specifications confirm to the standard(s)/requirements of the given specifications/mark/ manufacturer.
7. Where specifications/mark/manufacture are not specifying by this office, the rates Should be quoted only for the 1st class and standard quality. The specification asked for should be written clearly as “Yes’ or ‘No’”
8. The Tenderer should specify the name of the manufacturer for the items quoted by him along with catalogue of the item.
9. The decision of the Tender Inviting Officer for acceptance/rejection of any articles supplied including the decision for equivalent specifications, standard and quality etc. of articles shall be final.
10. **The Tenderer should send in advance or enclose along with technical bid an amount of Rs.1,20,000/- (Rupees One lakh twenty thousand only) as Earnest Money Inform of Demand Draft / F.D.R. of any scheduled Bank payable at Moti Daman in favor of the officer inviting tenders i.e. Medical Superintendent, Daman. The E.M.D. 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 bill(s) 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. 12 above.
 13. The 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.
 14. 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 Rs.1000/- drawn on an branch of State of India or its subsidiary Schedule Bank. Where this mode of payment is not possible the amount will be refunded at the cost of the Tenderer.
 15. Only on satisfactory completion of the supplies ordered 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.
 16. 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 any loss to the Government on account of his failure to abide by the time limit.
 17. (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 a special arrangement. (c) Railway Receipt or transport should be sent to this Office by Registered Post immediately on dispatch of goods from dispatching end.
 18. The supplies of Medicines, Store equipment etc. 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 will have to replace the same at his own cost and risk. Intimation of non-acceptance of any stores Machinery and equipment 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 damage, loss etc. of such rejected articles.
 19. 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.

20. In case of failure to supply the store, machinery and equipment etc. ordered for, as per conditions and within the stipulated time, the same 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 suppliers Security Deposit/Earnest Money or bills payable. The suppliers shall have no any right to dispute with such procedure.
21. Extensions 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.
22. 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.
23. (i) The supplier(s) of the machinery and equipments shall have to supply spare parts as and when required in on an agreed basis i.e. on agreed on the published catalogue/price lists for an agreed period.

(ii) The supplier (s) shall give adequate advance notice before any spare parts goes out of production to enable the tender Inviting Officer to order for spare parts required in one lot for the life time of respective machinery. (iii) If mutually agreed to the supplier(s) shall make available the blue prints of drawing etc. of the spares if any when required in connection with main machinery/equipments.
24. If at any time after the order for supply of Machinery/stores/equipment 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 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 mad in the original instructions which shall invoice any curtailment of the supply originally contemplated.
25. 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,
26. All bills should be in DUPLICATE and should invariably mention the number and date of supply order.
27. 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.
28. Each bill in which Sales Tax is charged must contain the following certificate 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".
29. The Purchase Committee will open the Tenders in presence of tenderers or their representatives, if any present in the Office of the Tender Inviting Officer. The Purchase Committee will first open the technical bid and considering the technical specification of Surgical Instrument. The Committee will open the financial bid only of

those firms who are qualified for technical bid as per minimum specifications given by the department.

30. The right to accept or reject without assigning any reasons any 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.
31. The tenders/offers received do not conform 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.
32. If the tenderers 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.
33. 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.
34. 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.
35. 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.
36. **The last date of downloading of on line tender documents is up to 30.10.2013 By 12.00 hours. The last date of submission of online tender document is upto 30.10.2013 By 15.00 hours on line opening of price bid if possible is on 31.10.2013 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.**
37. 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.
38. The tenderers should attached details of civil work to be carried out by this Department for installation/commissioning of CSSD Furniture
39. The tenderer should attached copies of certificate of experience in the field of supply of Hospital Furniture & Requisites, valid license, proof of fulfilling the norms of IS or ISO, CE Certified specification if any, copy of dealership letter, license for import, PAN No., Catalog of the item quoted etc. with his/their tender. It may please be noted that the tender received without document referred above shall not be considered.
40. The tenderer may be called for a Sample / demonstration of the items quoted for which he/she/they will be informed one week in advance for arranging the necessary Sample / demonstration in the hospital on a suitable date & time failing which the tender will be rejected.
41. 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.

42. AMC: The rate 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 be written Separately in the financial bid year-wise. The decision to accept the tender with or Without AMC is reserved with the purchase committee.
43. The successful tenderers should install and commission the equipment at the Site suggested by the office.
44. The successful tenderers shall be bound to provide training if any required without Any extra charges during commissioning.

**Signature & Designation of
Tender Inviting Officer**

**(DR.B.R.CHAND)
Medical Superintendent
Government Hospital, Daman**

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

**Place:
Dated:**

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

NOTE: Please return one copy of these terms & conditions duly signed with seal of firm along with the tender.

**Administration of Daman and Diu,
Office of the Medical Superintendent,
Government Hospital Daman**

**TECHNICAL SPECIFICATION FOR HOSPITAL EQUIPMENTS FOR GOVERNMENT
HOSPITAL, DAMAN E-TENDER NOTICE No.GHD/E-TENDER/2013-14/3016 dated 07.10.2013**

TECHINICAL BID

Sr. No.	Description	Unit
1	B.P. Monitor with NIBP & SPO2 1 8" Colour LCD display with high resolution 2 Adult, Pediatrics and Neonatal use 3 Manual, Auto and continuation NIBP measuring modes. 4 Built in Battery back and recorder 5 ESU, DEFIBRILLATOR AND PACEMAKER protection 6 1000 NIBP measurement data storage 7 96 hr trend chart and alarm function SPO2 & pulse rate: 1 Spo2 Range: 40% to 100% 2 Resolution: 1% 3 Accuracy: $\leq \pm 2\%$ (90-99%), $\leq \pm 4\%$ (70-89%) $\leq \pm 6\%$ (50-59%) 4 Pulse Range: 30 to 250 bpm 5 Accuracy: ± 1 bpm NIBP: 1 Measurement time in continuous mode : 5 min. 2 Adult systolic pressure 50-240 mmHg 3 Diastolic pressure 30-200 mmHg 4 Mean Pressure 22-180 mmHg 5 static state pressure range 0-300 mmHg	Each
2	B.P. Instrument Diamond Deluxe LED * Functioning similar to Mercurial Instrument * Rising spot LED shows you Pressure value * Provided with adjacent LCD panel for easy pressure readout * Dual Power Operation (Battery cum USB adaptor) * Low Power Consumption * Very easy and simple to operate * Useful for every Hospital & Clinic * New Sensor Technology * Pulse Rate Display * Auto Power Off	Each
3	Stethoscope Light Weight Aluminum Chest Piece with Good Sound Quality inside consoled frame & tube with soft ear knob Microtone with spare Diaphragm & Spare Soft Knob.	Each
4	Invalid Folding Wheel Chair Regular Folding action Moulded Arm Rests Epoxy powder coated Both sides brakes provided Padded seat and back Lifter Rod on both Sides provided 12 sealed bearing used Heavy Gauge of steel used for Indian Road Condition Detachable Leg Rests Fiber Moulded Small Wheels used Fiber moulded leg rest paddle & Big Mag Wheels Used.	Each

	Regular Size Dimensions Overall Width: 25.5” Folded Width : 11” Width of Sear : 18.5” Depth of Seat From Floor : 20” Total Height : 37” Overall Length : 40.5” Nett wt. : 20Kg Gross Wt. : 30Kg Dimension Tolerance ± 0.5”																	
5	Walker Invalid Foldable Walker Light weight made of Anodized Aluminum Fully Adjustable and Foldable Walkerette. Adjustment of height with convenient push buttons. Foldable for storage and transportation. Epoxy Powder coated.	Each																
6	Electronic Baby Scale Specifications: Capacity 10 Kg ; Variation : 5 g Baby Tray : Made from durable 8mm Acrylic. Dimensions : 22 x 11 inches Features : 1) This scale uses proprietary damping system to compensate for baby's movements. This eliminates guessing and displays the accurate weight of the baby. 2) Baby can be weighed in Kilograms and Pounds. Easy conversion at a touch of a button. 3) User Calibration Facility. 4) High Bright LED Display for stress free reading even in daylight.	Each																
7	Electronic Adult Scale Specifications: Capacity : 150 Kg Variation : 50 g Durable MS constructed heavy duty platform. Dimension : 16 x 16 inches. Detachable Console Unit mounted on 40 inch high stand for convenient reading. Features: 1) Heavy Duty MS construction and Powder Coating for rugged usage. 2) Large (16 x 16) platform to accommodate even a huge person. 3) Person can be weighed in Kilograms and Pounds. 4) User Calibration Facility. 5) High Bright LED Display for stress free reading even in daylight. 6) Simple to use controls.	Each																
8	LED X-Ray View Box (4 Film) <i>Specifications (LED Back-Lit):</i> <table><tr><td>Parameter</td><td></td></tr><tr><td>DimensionsFrame (L x H x T) (mm)</td><td>415 x 495 x 35</td></tr><tr><td>Viewing Area (W x H)</td><td>356 x 422</td></tr><tr><td>Power Consumption</td><td>15W</td></tr><tr><td>Light Source</td><td>LED</td></tr><tr><td>Power Supply Input</td><td>AC100-240V 50/60Hz</td></tr><tr><td>Brightness (LUX)</td><td>>10,000</td></tr><tr><td>Net Weight (Kgs)</td><td>3</td></tr></table>	Parameter		DimensionsFrame (L x H x T) (mm)	415 x 495 x 35	Viewing Area (W x H)	356 x 422	Power Consumption	15W	Light Source	LED	Power Supply Input	AC100-240V 50/60Hz	Brightness (LUX)	>10,000	Net Weight (Kgs)	3	Each
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Net Weight (Kgs)	3																	

9	S.S. Tray 10”	
10	Kidney Tray S.S. 10”	
11	<p>Electric Suction Machine LIPO fully stainless steel body</p> <p>Rotary High-Vac are double stage pumps of larger capacities, which are known as Lipo for fats extraction and full in cosmetics surgery, the main assembly of the pump consist of a stator with a rotor mounted eccentrically in it. The rotor is fitted with two</p> <p>spring loaded diametrically opposed vanes, which move in and out of their slots pressing against the inner surface of the stator these are oil sealed self lubricated, silent running, it is designed to achieve maximum vacuum in a very short time, it reduce the wear and tear of its components and makes it suitable for noiseless and trouble free performance for years and thus helps in reduction of repair bills, these are very compact but so simple in design that all minor repairs in case of need can be carried out easily, it run continuously for many hours at a time. The entire pump and motor are placed in an attractive solid</p> <p>STAINLESS STEEL cabinet having steel top, which is giving extra protection, reduces heat noise and vibration to the minimum the suction mechanism is oil immersed. The unit is mounted on smooth moving ball bearing heavy-duty castors, and noiseless. It crates vacuum of 700 to 760mm of Hg (28” to 30”) the suction system is accurately controlled and precisely regulated by knob this unit is fitted with filter and automatic cut off by float mechanism, vacuum gauge, pilot light and protection fuse, this unit is fitted with 1/2HP ball bearing double shaft motor working on 220-250V single phase 50cycle Suction Capacity: 25Lts /p minutes Max Vacuum: 700mm to 760mm of Hg</p> <p>Consumption: . HP Voltage: 220 V 50 Cycles Castors: 5cm Antistatic Weight: Approx 43kg Dimensions: 38cmx38cmx85cm with castor Sound: almost whispers Finish: SS cabinet Suction Jar: 2nos 2500ml with over flow safety device</p>	
12	<p>Oxygen Cylinder B-Type 40 c.f.t. duly filled 1.5 meter Quib TP-250</p> <p>No. is 7285-2 FP 150-D-868KGF/CM2 WP-205 Water capacity 46.7 liter with Explosive Certificate</p>	
13	<p><u>Multipara Monitor</u></p> <p>8" Colour LCD display with high resolution Adult,Pedriatics and Neonatel use Manual,Auto and continuation NIBP measuring modes. Built in Battery back and recorder ESU,DEFIBRILLATOR AND PACEMAKER protection 1000 NIBP measurement data storage 96 hr trend chart and alarm function</p> <p><u>ECG:</u></p> <p>Lead Configuration: 3/5 lead</p> <p>Lead Mode: I,II,III,aVR,aVL,aVF and V</p> <p>Gain: 0.25,0.5,1,2</p> <p>Heart rate range: 20-230 bpm</p> <p>Accuracy: ± 1 or \pm bpm</p> <p>Sensitivity: >200uV</p> <p>Input Impedance: >5mΩ</p> <p><u>SPO2 & pulse rate:</u></p> <p>Spo2 Range: 40% to 100%</p> <p>Resolution: 1%</p> <p>Accuracy: $\leq \pm 2\%$ (90-99%),$\leq \pm 4\%$ (70-89%) $\leq \pm 6\%$ (50-59%)</p> <p>Pulse Range: 30 to 250 bpm</p> <p>Accuracy: ± 1 bpm</p> <p><u>NIBP:</u></p> <p>Measurement time in continuous mode : 5 min.</p>	

	Adult systolic pressure 50-240 mmHg Diastolic pressure 30-200 mmHg Mean Pressure 22-180 mmHg static state pressure range 0-300 mmHg	
14	Oxygen Concentrator 10 Liters Size: Length – 19 inches Width – 8 inches Height – 26.5 inches Oxygen Out put: variable 0 to 10 LPM (1/2 lt. increment) Output pressure – 12 PSI Tubing of 20 – 25 feet can be used without varying pressure significantly. Safety Alarm: Power failure, Process failure, High & Low Pressure Low Oxygen Purity(OMS model) Warranty: one year	
15	Defibrillator : Power Supply : (AC input) 100 to 230 V AC; + 15%; 50 /60 Hz Power Consumption : 100VA Battery type : Rechargeable SMF Lead Acid Battery Capacity : 12 V, 4.5 AH 7 hrs only monitoring; 100 discharges of 360 joules Dimensions : 260 (W) x 280 9 (D) x 250 (H) mm Weight : 10.5kgs (with Printer, Battery & Paddle) Environment : Operating temperature : 0* to 40° C; Relative humidity : 10 to 90% RH Waveform : 5 msec Monophasic pulse (Lown) Energy Select -External: 0 to 360 J in steps 2, 3, 5, 7, 10, 20, 30, 50, 70, 100, 150, 200, 300, 360. -Internal : 0 to 50 J in steps 2, 3, 5, 7, 10, 20, 30 50 Charge Time : < 5 secs to 360 J with battery (fully charged new battery) < 15 secs to 360 J without battery 9AC mains only) Charge Indicator : Charge ready Lamp on the Front Panel & audible tone Charge ready Lamp on Apex Paddle Available & Delivered energy : Displayed on the screen Synchronisation : Defibrillation synchronized to the R wave Marker indication on ECG waveform Sync Message display : Message on monitor screen and lamp on front panel Energy ; HR display : Displayed on the Screen Paddles : Standard Adult Anterior Electrodes (84.5cm²) Slide off to Expose Paediatric Electrodes (20cm²) Retractable Cable Length : Coiled – 600 mm, Streched – 3000 mm Monitor Section Display : Monochrome LCD 5” diagonal (120mmx90mm) with CCFL backlight Display Resolution : 320 x 240 pixels ECG Modes : Paddle ECG and Patient Cable ECG (I, II & III Standard Leads) Leads off Message : On screen Message with alert tone CMRR : > 90 db @ 50 Hz; Input impedance: > 2.5mΩ Frequency Response : 0.5 to 35 Hz with filter Sweep Speed : 25mm /sec. Display time : 4 Secs HR display & Accuracy : 30 to 250 BPM; \pm 2 BPM (or) whichever is higher HR Alarm : Audio Visual User Selectable alarm limits; 30 to 300 BPM insteps of 5 BPM 1Mv Cal Signal : Vertical line (variable amplitude w.r.t. Gain)	

	<p>ECG out : 1V/ 1mV (depends on gain setting) Patient Cable length : 3 mts. Electrical isolation and shielding : Input protected against high voltage DF pulses and radio frequency interference Cautery filter : Built-in Printer Section Recording Type : Thermal Array recording Paper size : 50 mm x20 mts; Print width: 40mm Paper Speed : 25 mm / sec Print Delay : 6 Secs. (Selectable in Auto mode) Event Recording : Stores and Prints 3 sec. Pre and 7 secs. Post critical event data upto 24 events. Print Annotations : Time, Date, Heart rate, HR limits, Event marker, ECG Parameters, Defibrillator mode, Selected & Delivered Energy, Patient Impedance, Peak current & Hospital Name. Accessories : Defibrillator-Paddles (Adult & Paediatric) : 1 No. (each) Disposable Electrodes : 30 Nos. Patient Cable (3 lead) : 1 No. Mains Cable (Power Cord) : 1 No. Internal Paddles : 1 No. Cardijelly : 5 bottle Earth Cable : 1 No. Accessory Bag : 1 No. User Manual : 1 No. Recording Paper : 2 roll – 20 mtrs.</p>	
16	<p>Syringe Infusion Pump</p> <ol style="list-style-type: none">1. Facility for automatic syringe size detection for 10ml, 20ml, 50ml.2. Facility to accept any unknown brand of syringe in the form of Custom Syringe3. PCA upgradable4. Bolus / PCA facility with safety time lock5. Bolus / PCA administration counter & the data will be available on touch of a key6. Body Weight Mode for automatic flow rate calculation depending on the patient`s weight7. Multistage Programming facility (more than 5 stages) in the memory with stage sequence control for target volume & target time8. LED display of Flow rate for distant viewing & LCD display for viewing the Medicine being infused, Infused Volume & time elapsed simultaneously.9. Facility to select & make user`s own drug library out of 48 medicines listed in the m/c.10. Programmable rate KVO (Keep Vein Open) Mode.11. Motorized Pusher movement back & forth12. Facility for front loading of syringe13. Volume limit pre alarm14. Facility to programme, End of Syringe time after Near End Alarm.15. Its possible to connect the m/c to PC for Central Monitoring Central Monitoring Soft ware should be available.16. Possible to lock the keypad17. The syringe pumps have been tested as per EN 60601-1-1. The Syringe pump passed EMC test EN 60601-1-2, & standards for Infusion Pump-EN 60601-2-24.18. The Syringe Pump manufactured by ISO 13485 company and it should be CE certified.	
17	<p><u>Patient Warming System</u></p>	

	<p>Should be an Airfree, Noiseless System for the prevention of Hypothermia.</p> <p>The system should be capable to use in Post, Intra and Pre Op environments.</p> <p>Should consist of a Controller and a Full Body Blanket or Lower Body Blanket of size 98Wx132L cms and 100Wx102L cms</p> <p>Blankets should be Reusable and Carbon Fibre free for repeated reusability.</p> <p>Blanket should be latex free and easy to clean.</p> <p>Blanket should have built in Temperature sensors for safety</p> <p>Blanket should be coated with antimicrobial Coatings to reduce infections</p> <p>Should have separate port to connect the optional anaesthetist/surgeons vest</p> <p>Controller should have three temperature settings and comes with removable cables of at least three meters for connecting to the blankets</p> <p>System should be meet all international Safety standards and works on 100-240VAC.</p>	
18	<p><u>VENTILATOR</u></p> <p>Technical Specification</p> <p>Ventilation modes - Invasive Ventilation</p> <p>Volume Controlled Ventilation (Assist./Cont.): VCV</p> <p>Pressure Controlled Ventilation(Assist./Cont.): PCV</p> <p>Synchronized Intermittent Mandatory Ventilation: V-SIMV and P-SIMV</p> <p>Pressure Support Ventilation (Spont., CPAP): PSV</p> <p>Continuous Positive Airway Pressure: CPAP</p> <p>Volume Assured Pressure Support: VAPS</p> <p>Mandatory Rate Ventilation: MRV (Patented feature)</p> <p>Airway Pressure Release ventilation: APRV</p> <p>Pressure Regulated Volume Control: PRVC</p> <p>Intermittent Mandatory Pressure Release Ventilation: IMPRV</p> <p>Duo Levels: Bi-level pressure ventilation</p> <p>Ventilation modes - Non Invasive Ventilation</p> <p>PS-PEEP NIV: Non Invasive Spontaneous Ventilation with pressure support and PEEP, VCV-NIV, PCV-NIV, SIMV-NIV, PSV-NIV</p> <p>Ventilation settings</p> <p>Tidal volume (VTi): 20 to 2000 mL</p> <p>Inspiratory peak flow: 0 to 200 L/min</p> <p>Maximum inspiratory peak flow: >200 L/min (depending on gas supply pressures)</p> <p>Respiratory rate (RR): 5 to 100 bpm</p> <p>SIMV respiratory rate (RR SIMV): 1 to 60 bpm</p> <p>Inspiratory plateau (Tplat): 0 to 60% of IT</p> <p>Inspiratory time (TI): Infants: 0.3 s to 60% of Ttot</p> <p>Positive end expi. pressure (PEEP): 0 to 40 cmH2O</p> <p>Pressure support (PS): 0 to 35 cmH2O</p> <p>Insufflation pressure (PI): 2 to 60 cmH2O</p> <p>Maximum insufflation pressure: 90 cmH2O</p> <p>Pressure slope (Slope): 50 to 150 cmH2O/s</p> <p>Flow wave shape: Constant, decelerating, sinusoidal</p> <p>FiO2: 21 to 100 %</p> <p>Inspiratory flow trigger (PEEP=0): 0.1 to 5L/min</p> <p>Expiratory trigger: 0 (OFF) to 70% of peak flow</p> <p>Inspiratory pause: 0 to 5 s</p>	

	<p>Expiratory pause: 0 to 12 s</p> <p>Sustained exhalation: 0 to 30 s</p> <p>Sigh rate: OFF, 1/9 to 1/200 cycles</p> <p>Sigh in CMV and in PCV: 1 to 2 x VT</p> <p>Nebulization: 1.5 bar (150 kPa)</p> <p>Monitoring</p> <p>Static compliance and resistance: Automatic measurement in VCV</p> <p>Total PEEP: Automatic measurement in VCV</p> <p>Plateau pressure: Automatic measure in VCV</p> <p>Curves: Flow (t), Pressure (t)</p> <p>Loops: P/V, V/F, F/P, FiO2 : 21 to 100%</p> <p>Trends: 72 hrs for 14 parameters.</p> <p>Monitoring of FiCO2 and EtCO2</p> <p>Events log:</p> <p>(ventilation and alarms settings, alarms, suction, pauses): 10,000 events</p> <p>Built-in battery backup 1Hrs.</p>	
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**TECHNICAL SPECIFICATION FOR HOSPITAL EQUIPMENTS FOR GOVERNMENT
HOSPITAL,DAMAN E-TENDER NOTICE No.GHD/E-TENDER/2013-14/3016 dated
07.10.2013**

FINANCIAL BID

Sr. No.	Description	Qty	Item Rate	Rate in Words
1	B.P. Monitor with NIBP & SPO2	Per No		Rate must be submitted online only on www.nprocure. com
2	B.P. Instrument LED	Per No		
3	Stethoscope	Per No		
4	Invalid Folding Wheel Chair Regular	Per No		
5	Walker	Per No		
6	Electronic Baby Scale	Per No		
7	Electronic Adult Scale	Per No		
8	LED X-Ray View Box (4 Film)	Per No		
9	S.S. Tray 10"	Per No		
10	Kidney Tray S.S. 10"	Per No		
11	Electric Suction Machine LIPO fully stainless steel body	Per No		
12	Oxygen Cylinder B-Type 40 c.f.t. duly filled	Per No		
13	Multipara Monitor	Per No		
14	Oxygen Concentrator 10 Liters	Per No		
15	Defibrillator :	Per No		
16	Syringe Infusion Pump	Per No		
17	Patient Warming System	Per No		
18	VENTILATOR	Per No		

AMC PRICE BID

Sr. No.	Description	1 st Year	2 Nd Year	3 Rd Year
1	B.P. Monitor with NIBP & SPO2			
6	Electronic Baby Scale			
7	Electronic Adult Scale			
8	LED X-Ray View Box (4 Film)			
11	Electric Suction Machine LIPO fully stainless steel body			
13	Multipara Monitor			
14	Oxygen Concentrator 10 Liters			
15	Defibrillator :			
16	Syringe Infusion Pump			
17	Patient Warming System			
18	VENTILATOR			