

**E-tender ID No. 2019_UTDNH_4135_1 Purchase of Anaesthetic Equipments
for Shri Vinoba Bhave Civil Hospital, National Health Mission, Silvassa for the Year
2018-19.**

On Line Tender Notice No.014

Administration of
Dadra & Nagar Haveli, U.T.,
Office of the Mission Director
National Health Mission

No. SHS/NHM/Purchase of Anesthetic Equipments/7798

Silvassa.

Date:- 10/07/2019

e-Tender Notice

The Mission Director, National Health Mission, Dadra & Nagar Haveli, Silvassa on behalf of President of India, invites online tender on <https://dnhtenders.gov.in/nicgep/app> from the Manufactures/ Authorized Dealers/ Suppliers for Purchase of Anaesthetic Equipments for Shri Vinoba Bhave Civil Hospital, Silvassa.

Sr. No.	Particulars	Estimated Cost	(E.M.D.) Earnest Money Deposit	Tender Fees (Non-Refundable)	e-Tender ID No.
1	Purchase of Anaesthetic Equipments for SVBCH, Silvassa.	Rs.40.08 lakhs	Rs.1.00 lakhs	Rs.1000/-	2019_UTDNH_4135_1

Bid document downloading Start Date : 09/07/2019
Bid document downloading End Date : 26/07/2019, 12:00 Hrs.
Last Date & Time for receipt of Bid : 26/07/2019, 14.00 Hrs.
Preliminary Stage Bid Opening Date : 26/07/2019, 15.00 Hrs.
Technical Stage Bid Opening Date : 26/07/2019, 15.30 Hrs.

Bidders have to submit Technical Bid and Price Bid in Electronic format only on <https://dnhtenders.gov.in/nicgep/app> 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.dnhtenders.gov.in and www.dnh.nic.in.

1. The EMD and Tender Fees should not be forwarded by cash.
2. The Tender Fees will be accepted only in form of DD/Bankers Cheque of any Nationalized or Scheduled Bank of India payable in Silvassa.
3. The EMD will be accepted in form of FDR / Demand Draft / Bankers Cheque or Bank Guarantee from any Commercial Banks in an acceptable form payable at silvassa in favor Mission Director (NHM), Silvassa.

The tender inviting authority reserves the right to accept or reject any or all the tender to be received without assigning any reasons thereof. In case bidder needs any clarification on the process of bidding for participating in online tender for further details, correspondence can be made on e-mail: [cphp-nic\[at\]nic\[dot\]in](mailto:cppp-nic[at]nic[dot]in),

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Mobile No: +91-7878007972 and +91-7878007973, Tel No. 1800 3070 2232
Website: www.dnhtenders.gov.in.

Sd/-

Mission Director

National Health Mission

“Tel.No.0260-2642940, Ext-274”

e-mail ID : nrhmdnh@gmail.com

Copy to :-

- 1) All Heads of Office, Dadra & Nagar Haveli, Silvassa for information & n.a.
- 2) CPO, Dadra & Nagar Haveli, Silvassa for wide publicity in Newspaper.
- 3) I.T. Department, D&NH, Silvassa with a request to publish in Website.
- 4) Accounts Section, SVBCH, Silvassa for information.
- 5) P&T Department, SVBCH, Silvassa for information.

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U.T. ADMINISTRATION OF DADRA & NAGAR HAVELI,
OFFICE OF THE MISSION DIRECTOR,
NATIONAL HEALTH MISSION

**Terms and Conditions for the “Purchase of Anaesthetic Equipments
for Shri Vinoba Bhave Civil Hospital, Silvassa.”**

• **Instructions to Bidders :**

- 1) All Tender Documents can be downloaded from the website <https://dnhtenders.gov.in/nicgep/app>
- 2) All bids should be submitted online on the website <https://dnhtenders.gov.in/nicgep/app>
- 3) The user can get a copy of instructions to online participation from the website <https://dnhtenders.gov.in/nicgep/app>
- 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) Digital Signature Certificate is required for participating in the tender.
- 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:

**MISSION DIRECTOR
NATIONAL HEALTH MISSION
SECRETARIAT, 1ST FLOOR
U.T. of Dadra & Nagar Haveli,
Silvassa - 396 230.
Tel: 0260-2642940, EXT-274
9662011087**
- 7) All documents scanned/attached should be legible / readable. A hard copy of the same may be sent which the department will be use if required. Uploading the required documents in <https://dnhtenders.gov.in/nicgep/app> 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:

Bid document downloading Start Date	:	09/07/2019
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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://dnhtenders.gov.in/nicgep/app> 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 Anaesthetic Equipments for Shri Vinoba Bhave Civil Hospital, Silvassa**”. The EMD and Tender Fees should be enclosed with BID only.

Tender Fees (Non Refundable) Rs.1,000/- :

- a. The Tender Fees should not be forwarded by cash.
- b. The Tender Fees (Non Refundable) will be accepted only in form of DD/Bankers Cheque in favor of “**Mission Director (NHM), Silvassa**” from any Nationalized or Scheduled Bank of India payable in Silvassa.

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- c. All tenders must be accompanied by Tender fees as specified in schedule otherwise tender will be rejected.

Earnest Money Deposit Rs.1,00,000/- :

- a. All tenders must be accompanied by EMD as specified in schedule otherwise tender will be rejected.
- b. Any firm desires to consider exemption from payment of Earnest Money Deposit, valid and certified copies of its SSI Registration with D.G.S. & D. should be attached to their tenders.
- c. EMD can be paid in of the form of following:
- i. Demand Draft
 - ii. Fixed Deposit Receipts
 - iii. Bank Guarantee

In favor of “**Mission Director (NHM), Silvassa**” from any Nationalized or Scheduled Bank authorized by RBI to undertake Government Business.

- d. EMD should be valid upto **12 (Twelve Months)** from the date of its issuance.
- e. EMD in any other forms will not be accepted.
- f. EMD/Security Deposit shall be liable to be forfeited in following circumstances:
- i. 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.
 - ii. 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.
- g. 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.200/-) drawn on any Nationalized or Scheduled Bank payable at Silvassa. Where this mode of payment is not possible the amount will be refunded at the cost of the tenderer.
- h. 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 will be refunded after expiry of guarantee/warranty period, if any, or any such date/period as may be mutually agreed upon.
- i. 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. 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.
- 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 contractor Security Deposit or payment due of any bill(s) to the extend required.

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- e. 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 contractor 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://dnhtenders.gov.in/nicgep/app>
 - 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 mandatory 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 AMC / CMC rates in prescribed format.
- 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://dnhtenders.gov.in/nicgep/app>
- c. Discount offered after price bid opening will not be considered.
- d. The consolidated rates inclusive of all taxes, GST, freight charges entered in the online website will be taken into 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 Medical Superintendent may seek any clarifications/explanation/documentary evidence related to offer at any stage from tenderers if required.
- f. The rate should be quoted in the prescribed form given by the department;
the rate should be valid upto One Year from the date of tenderization.
- g. All/Taxes/Duties/Royalties Charges payable on the sales/transport etc. within and/or outside the state shall be payable by the supplier.
- h. 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.
- i. 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.
- j. 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.
- k. The rate(s) quoted should be strictly for free delivery at FOR Shri Vinoba Bhave Civil Hospital and will be valid and operative for supply orders issued within one year from the date of invitation of tenders.

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1. The department shall not take any responsibility of unloading the goods; the successful bidder has to make arrangements for unloading at the site.

- m. Bidder / its sister concerns / companies where its Promoters / Directors either directly or indirectly are involved, should not have ever been blacklisted in tender / supplies by any state/Central Govt . Bidder should submit affidavit in this regard. The bidder should provide accurate information of litigation or arbitration resulting from contracts completed or under execution by him over the last ten years. False affidavit would lead to blacklisting and termination of the contract at any stage. In such cases all the losses that will arise out of this issue will be recovered from the Tenderer / Contractor and he will not have any defense for the same. In case of bidder / principal is involved / penalized under any investigation of CVC or any State/Central Govt. Commission in relation to the similar work project issue; the bid will be out rightly rejected.

2. TERMS OF WORK EXECUTION :

- a. Extension of time limit of work order shall be considered by the Tender Inviting Officer. The extension so granted may be without levy of compensation for delay in execution of work the cost of work order 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.
- b. Inspection will be carried out in the premises of Shri VBCH. If goods to be inspected in factory premises all expenditure to be borne by the Tenderer.

3. Bid Evaluation Methodology :

A. Preliminary & Technical Evaluation:

- Tender Fee and EMD and mandatory documents.
- 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.

B. Financial Evaluation: Lowest quoted offered by Technically Qualified Bidders.

4. PAYMENT TERMS :

- a. 100% of the invoice amount will be paid only after competition of work successfully and submission of Security deposit i.e. 10% of the tender value.
- 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 work order.
- d. All bills for amount above RS.5,000/- should be pre-receipted on a Revenue Stamp of proper value. Bills for amount exceeding RS.5,000/- not pre-receipted on Revenue Stamp of proper value will not be accepted for payment.
- e. Each bill in which GST is charged must contain the following certificates on the body of the bill: **“CERTIFIED”** that the sale on which 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 Sale Tax on these sale is not more than what is payable under the provisions of relevant Act or Rules made there under”.
- f. No extra charge for transportation, forwarding and insurance etc. will be paid on the rates quoted.
- g. The rates should be quoted only for the work specified in the list of requirement.

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Termination for Default: Contract may be terminated by the Authority if :

- a. If the supplier fails to execute the supply within the stipulated time, the Purchaser is at liberty to make alternative purchase, in the event of making ALTERNATIVE PURCHASE, the supplier will be imposed penalty apart from the forfeiture of Performance Guarantee. The excess expenditure over and above contracted prices incurred by the Purchaser in making such purchases from any other sources or in the open market or from any other supplier who has quoted higher rates and other losses sustained in the process, shall be recovered from the Performance Security or from any other money due and become due to the Supplier and in the event of such amount being insufficient, the balance will be recovered personally from the Supplier.
- b. The order may be cancelled after expiry of delivery period as mentioned in the supply order and the supplier shall also suffer forfeiture of the Performance Security and shall invite other penal action like blacklisting / disqualification from participating in present and future tenders.
- c. Authority will be at liberty to terminate by assigning justifiable reason thereof of the contract either wholly or in part on one month notice. The Supplier will not be entitled for any compensation whatsoever in respect of such termination.
- d. If the Supplier, in the judgment of the Authority has engaged in corrupt or fraudulent practices in competing for or in executing the contract.
- e. The bidder has to submit the Authority Letter obtained from the Manufacturer for the concern equipment. Non Submission of authority letter for the particular item will be outrightly rejected and tender No. should also be mentioned. The contact details of the signing authority should be mentioned on the letter.

For the purpose of this Clause :

“Corrupt practice” means offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.

“Fraudulent practice” means a mis-presentation / hiding of facts in order to influence a procurement process or the execution of a contract to the detriment of the other bidders, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial noncompetitive levels and to deprive the other bidders of the benefits of free and open competition.

- f. For infringement of the stipulations of the contract or for other justifiable reasons, the contract may be terminated by the Authority, and the supplier shall be liable for all losses sustained by the Authority, in consequence of the termination which may be recovered personally from the supplier or from his properties, as per rules.
- g. Non performance of any of the contract provisions will disqualify a firm to participate in the tender for the next five years.
- h. In all the above conditions, the decision of the Authority shall be final and binding.

Signature of Agency
With Rubber Stamp

Sd/-
Mission Director
National Health Mission
“Tel.No.0260-2642940, Ext-274”
e-mail ID : nrhmdnh@gmail.com

ANNEXURE - A

UNDERTAKING :

From: M/s.....

No.....

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To,
Mission Director,
National Health Mission,
U.T. of Dadra & Nagar Haveli,
Silvassa - 396 230

Sub: Supply of Anaesthetic Equipments

Ref: Tender Enq #.....

Sir,

I/We enclose the necessary documents duly signed, as shown in Annexure 'B' (in order in which they are mentioned). I/We have carefully read and understood the terms and conditions stated in the tenders from and I/We shall abide by all these conditions. I/We further endorse that in particular, the terms and conditions of Delivery Period, Payment Terms, Place of Delivery etc are acceptable to me/us and no representation will be made by me/us afterwards for altering the same.

I/We verify the copies of the certificates/documents enclosed herewith are authentic true copies of the original certificates/documents for verification on demand. I/We undertake to upload the attested copies of certificates/documents required on the website.

I/We will be cautious to see that the uploaded scan documents are legible and I/We understand that if the documents are not legible, my/our tender will be rejected.

I/We verify that I/We are in possession of the requisite licenses/permits required for the manufacture /supply /sale /distribution of the items and further verify that the said licenses/permits have not been revoked/ cancelled by the issuing authorities and are valid as on date. I/We also verify that I/We have not been declared defaulter, blacklisted or debarred by any State or Central Government or Constitutional authority or Financial Institution or Judicial Court or any Government undertakings.

I/We also take cognizance of the fact that providing misleading or questionable information or failure to furnish correct or true information to you or any other Officer or failure to comply with any contractual requirement laid down by you will be considered as a serious breach of the terms and conditions of the tender and will invite disqualification and other penal action as deemed fit by the UT Administration.

Thanking You,

Yours faithfully,

Sign & Stamp of Tenderer.

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ANNEXURE - B

SCHEDULE OF DOCUMENTS ATTACHED

Sr. No.	Document / Certificate	Uploaded & Enclosed
A.	General Documents :	Yes / No
1.	Copy of Tender fees	Yes / No
2.	Copy of EMD	Yes / No
3.	PAN No.	Yes / No
4.	GST Registration.	Yes / No
5.	Income Tax Returns of last three years	Yes / No
6.	Copy of certificate of FDA & ISO-13485 mark of any National/ International standard.	Yes / No
7.	Letter of Authority for each quoted product.	Yes / No
8.	Partnership Deed / Memorandum / Registration of Firm, etc.	Yes / No
9.	Chartered Accountant Certificate regarding average annual turnover of RS. 40.00 Lakhs in last three financial years.	Yes / No
10.	Verification, Undertaking, Checklist and Documents as per Annexure - A.	Yes / No
11.	Scan copy of Terms and Conditions of the tender documents duly Stamped and Signed on each page.	Yes / No
12.	Scan copy of Scope of Works correctly filled with Stamped and Signed on each page.	Yes / No
13.	Fresh Affidavit Notarized on Stamp paper - As per clause mentioned at Acceptance of Tender at point - (M)-Pertaining to the tender.	Yes / No
14.	Proof of supply of similar or equivalent goods of the value of RS. 40.00 Lakhs as required in the last three financial years	Yes / No
15.	Original Product Literature of each quoted product.	Yes / No
16.	List of Installations/ Users/ Customers with Phone Numbers.	Yes / No
17.	Compliance Statement as per format on Annexure - C.	Yes / No
18.	Other relevant Certificates i.e. ICE / CE / EN standards for each quoted product.	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 Sr.No.A-10, A-13 & B-3 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

ANNEXURE - C

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 of Anaesthetic Equipments* for Seven Years 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.
3. The AMC/CMC rates should be mentioned on Manufacturer's letter head or Authorized Service dealer letter head accompanying the dealership letter, else outrightly rejected.

SCOPE OF WORK :

Schedule of Requirements, Specifications and Allied Technical Details:

**Purchase of Anaesthetic Equipments
for Shri Vinoba Bhave Civil Hospital, National Health Mission, Silvassa.**

Please fill the details as mentioned below and attach the Scan copy of the same. Format is as under :

Sr. No.	Particulars	Unit/ Rate	Qty. Reqd.	Make & Model	Compliance Yes/No
01.	<p><u>Channelled Video Laryngoscope No. 3 & 4 :</u> 1.It should have reusable Anti- Reflective full colour OLED DISPLAY to be attached at the top of blade with screen size 6.1 cm/2.4” diagonal. 2.Monitor should have Video output capability to be compatible with external monitor and recording devices. 3.It should work on AAA batteries and can be used continuously for more than 1 hour 4.The blade should be ergonomically designed to provide minimal lifting of soft tissue and impact on teeth. 5.It should be supplied with disposable blades of size 3 & 4, with 3 channeled (for easy ETT placement and removal) and 1 non channeled blades. 6.It should have Anti Fog Lens and White Led light source.</p>	1 No.	02		
02.	<p><u>Video Stylet :</u> • Full Color Video Display • Plug and Play design to make it easy to use • Fully malleable to shape for every patient • Fully reusable and sterilizable stylet • Display built-in rechargeable batteries • Screen size 1.5 inch × 2 inch • Scope of Supply: a) LED Display b) Stylet c) USB Charger</p>	1 No.	01		
03.	<p><u>Boyle’ s Apparatus :</u> 1.It should be made of Stainless steel 2.It should be ISO& CE approved only. 3.It should be modular design, facility to design as per user requirement. 4.It should have three gases, Air Oxygen & Nitrous with facility to connect cylinders& 3 central pipe line connections. 5.It should have 2 each gauges for high pressure of O2 & N2O and one pressure gauge for O2, N2O & Air. 6.It should have 5 tube rotameter, 2 each of O2 & N2O & for one for Air with colour coded bobbins with back lit display. 7.It should have Gas specific & Gas name embossed Cylinder yokes with clamping bars, 2 each of O2 & N2O & port to connect the ventilator. 8.It should have chain link mechanism</p>	1 No.	01		

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Sr. No.	Particulars	Unit/ Rate	Qty. Reqd.	Make & Model	Compliance Yes/No
	<p>Hypoxia Guard.</p> <p>9.It should be supplied with One vaporiser.</p> <p>10. It should have 2 stage regulators with safety device for high & low pressure of O2 & N2O.</p> <p>11. It should have both Audible & Visual alarm with facility of colour changing ball for clear & loud alarm.</p> <p>12. It should have auxiliary Oxygen therapy outlet with flow meter as standard.</p> <p>13. It should have oxygen driven slow suction inbuilt.</p> <p>14. It should be supplied with active AGGS System.</p> <p>15. It should be supplied with autoclavable close circuit system.</p> <p>16. It should be supplied with close circuit system.</p> <p>17. It should have sliding drawers & 4 Anti static castors with brakes in front.</p> <p>18. It should be supplied with all circuits & different sizes of face masks. All patient circuits & masks should be Silicon- It is Must</p> <p>19. It should have facility of connect Air, Oxygen & Nitrous with central line & should be supplied with long colour coded hoses for all of them.</p> <p>❖ Buyback of 01 No. Boyle's Apparatus in non working condition.</p>				
04.	<p><u>Bronchoscope with Monitor :</u></p> <p><u>Portable TFT Monitor for Bronchoscopy & Intubation with Recording Facility</u></p> <p>1.It should be Compact & Light weight.</p> <p>2.Monitor should be TFT LCD touch screen with minimum resolution of 800*480.</p> <p>3.It should be easy to set up on patient table/IV Pole.</p> <p>4.It should have Plug and play system when connected to compatible adult and pediatric scopes.</p> <p>5.It should have Colour Touch screen Display.</p> <p>6.It should have storage facility up-to 8 GB.</p> <p>7.Should have brightness control.</p> <p>8.It should have USB Interface to transfer Data/Files.</p> <p>9.It should have capability to capture high resolution image and video.</p> <p>10. It should have the capability of easy and fast identification of anatomical bookmarks.</p> <p>11. It should have an inbuilt battery Backup of Minimum- 2.5 Hours.</p> <p>12. It should have weight less than 500gms.</p> <p>13. Should comply Indian electric standards 220V/50Hz</p> <p>14. It should be CE certified.</p>	1 No.	02		

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Sr. No.	Particulars	Unit/ Rate	Qty. Reqd.	Make & Model	Compliance Yes/No												
	<p>Accessories:</p> <ul style="list-style-type: none"> * Flexible video scope suitable for Adult, Pediatric & Neonatal Patients. * Should Have Control LEVER on handle for the movement of distal tip up & Down in a single plane. * Should have a working channel port for instillation of fluids & for insertion of endoscopic accessories. * Should have input port for Air & Water supply for better transmission * Should have suction button to control suction of pressing. * Should have camera and LED light source on distal end along with working channel. <p>Adult Scope :</p> <p>Inner diameter : 2.2 mm Insertion Channel : 2.00 mm width Outer diameter : 5.00mm. Working length : 600 mm Bending range (deg) : 150 degree up & 130 degree down Field of view : 85 degree or more Direction of View : 0 degree (Forward view) Depth of Field : 8-19 mm or better</p> <p>Pediatric Scope :</p> <p>Inner diameter : 1.2mm Outer diameter : 3.8 mm. Working length : 600 mm Bending range (deg) : 130 degree up & down Field of view : 85 degree or more Direction of View : 0 degree (Forward view) Depth of Field : 8 -19 mm or better</p>																
05.	<p>Multipara Monitors with EtCO2 :</p> <table border="1" data-bbox="228 1790 842 2529"> <thead> <tr> <th data-bbox="228 1790 358 1862">Sr .No.</th> <th data-bbox="358 1790 842 1862">Specifications</th> </tr> </thead> <tbody> <tr> <td data-bbox="228 1862 358 2091">1</td> <td data-bbox="358 1862 842 2091">Should have ECG, SpO2, NIBP, Respiration and 2 x Temperature 2 x invasive, choice of EtCO2 (Capnography) monitoring between mirco-stream and main-stream technologies.</td> </tr> <tr> <td data-bbox="228 2091 358 2201">2</td> <td data-bbox="358 2091 842 2201">Should be suitable for monitoring adult & pediatric patients & neonate patients</td> </tr> <tr> <td data-bbox="228 2201 358 2311">3</td> <td data-bbox="358 2201 842 2311">Should display at least 12 waveforms channels of selected parameters simultaneously.</td> </tr> <tr> <td data-bbox="228 2311 358 2459">4</td> <td data-bbox="358 2311 842 2459">Should have inbuilt continuous battery backup through lithium - ion battery of minimum four hours; upgradable to 6 hours</td> </tr> <tr> <td data-bbox="228 2459 358 2529">5</td> <td data-bbox="358 2459 842 2529">Display: Color TFT touch display size of 12” or more. Operation</td> </tr> </tbody> </table>	Sr .No.	Specifications	1	Should have ECG, SpO2, NIBP, Respiration and 2 x Temperature 2 x invasive, choice of EtCO2 (Capnography) monitoring between mirco-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	1 No.	04		
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Sr. No.	Particulars	Unit/Rate	Qty. Reqd.	Make & Model	Compliance Yes/No
	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 ± 5mm and above. Accuracy ± 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: ± 1 bpm for adult and ± 2 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% Pulse range: 30 to 300 bpm Accuracy: +/- 2% from 100% to 70% 				
9	IBP <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	Temperature <ul style="list-style-type: none"> Monitor should have facility for at least one temp measurement Facility for core as well as skin 				

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	temp measurement				
	<ul style="list-style-type: none"> • Range: -1 to 45 C • Accuracy: +/- 0.1 C 				
11	Capnography				
	<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	Cardiac Output				
	<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	NIBP				
	<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				

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	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 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.				

Signature of bidder
with Rubber Stamp

Sd/-
Mission Director
National Health Mission
"Tel.No.0260-2642940, Ext-274"
e-mail ID : nrhmdnh@gmail.com