

**On Line Tender Notice No. 01.**

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

No. SACS/DNH/BB/2017-18

Silvassa.

Date: 29/01/2019

**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 Blood Bank Equipments under National Health Mission, Dadra and Nagar Haveli.

Sr. No.	Particulars	Estimated Cost	(E.M.D.) Earnest Money Deposit	Tender Fees (Non-Refundable)	e-Tender ID No.
1.	<b>Purchase of Blood Bank Equipments</b>	<b>Rs. 16,80,000/-</b>	<b>Rs. 42,000/-</b>	<b>Rs. 1000/-</b>	<b>2018_UTDNH_3054</b>

Bid document downloading Start Date : **29/01/2019**  
Bid document downloading End Date : **15/02/2019; 12.00 Hrs**  
Last Date & Time for receipt of Bid : **15/02/2019; 14.00 Hrs**  
Preliminary Stage Bid Opening Date : **15/02/2019; 15.00 Hrs**  
Technical Stage Bid Opening Date : **15/02/2019; 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](http://www.dnhtenders.gov.in), [www.dnh.nic.in](http://www.dnh.nic.in) and [www.vbch.dnh.nic.in](http://www.vbch.dnh.nic.in).

*e-tender ID No. 2018\_UTDNH\_3054 Purchase of Blood Bank Equipments under  
National Health Mission, Silvassa for the Year 2018-19.*

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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/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), Dadra & Nagar Haveli.

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), Mobile No: +91-7878007972 and +91-7878007973, Tel No. 1800 3070 2232 Website: [www.dnhtenders.gov.in](http://www.dnhtenders.gov.in).

**SD/--**

**Mission Director (NHM)**

Dadra & Nagar Haveli

“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, NHM, Silvassa for information.

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

Terms and Conditions for the “*Purchase of Blood Bank Equipments under  
National Health Mission, Silvassa for the Year 2018-19.*”

• **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, 1<sup>st</sup> Floor,  
U.T. of Dadra & Nagar Haveli,  
Silvassa - 396 230.  
Tel: 0260-2642113,  
Mobile:- 09662011087**

- 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 and if any false /misleading statement in compliance found any time during the procurement process, the bid shall be out rightly rejected & EMD shall be forfeited.

**Keydates:**

Bid document downloading Start Date	:	<b>29/01/2019</b>
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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 Blood Bank Equipments under National Health Mission, Silvassa for the Year 2018-19.

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”. The EMD and Tender Fees should be enclosed with BID only.

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

- The Tender Fees should not be forwarded by cash.
- The Tender Fees (Non Refundable) will be accepted only in form of DD/ Bankers Cheque in favor of “**Mission Director, National Health Mission, Silvassa**” from any Nationalized or Scheduled Bank of India payable in Silvassa.
- All tenders must be accompanied by Tender fees as specified in schedule otherwise tender will be rejected.

❖ **Earnest Money Deposit: (Rs.42000/-)**

- All tenders must be accompanied by EMD as specified in schedule otherwise tender will be rejected.
- 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.
- EMD can be paid in the form of following:
  - Demand Draft.
  - Fixed Deposit Receipts.
  - Bank Guarantee.

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

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

- i. In case, the supplier does not execute the supply order placed with him within stipulated time, 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.
- 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.
- h. Only on satisfactory completion of the supply order for and on payment of all bills of the supplier, as to be admitted for payment, the amount of Security Deposit 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 from Security Deposit or payment due of any bill(s) to the extend required.
- 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 is considered for placing the order.
- e. The Mission Director (NHM) may seek any clarifications/explanation/documentary evidence related to offer at any stage from renderers if required.
- f. The rate should be quoted in the prescribed form given by the department; **the rate should be valid up-to 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 National Health Mission and will be valid and operative for supply orders issued within one year from the date of invitation of tenders.
- l. 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.

**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.

**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 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 (NHM)**  
National Health Mission  
“Tel.No.0260-2642940, 2640615”  
e-mail ID : nrhmdnh@gmail.com

**ANNEXURE - A**

**UNDERTAKING :**

From:

M/s.....  
.....  
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To,  
The Mission Director (NHM)  
National Health Mission,  
U.T. of Dadra & Nagar Haveli,  
Silvassa - 396 230

**Sub: Supply of Blood Bank 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, and 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.

**ANNEXURE - B**

**SCHEDULE OF DOCUMENTS ATTACHED**

<b>Sr. No.</b>	<b>Document / Certificate</b>	<b>Uploaded &amp; Enclosed</b>
<b>A.</b>	<b>General Documents :</b>	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 ISI/confirming of I.S. specification/ ISO/ CE/ FDA/ WHO GMP/ 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. 17.00 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.	Affidavit Notarized on Stamp paper - As per clause mentioned at Acceptance of Tender at point - (M)	Yes / No
14.	Proof of supply of similar or equivalent goods of the value of Rs. 17.00 Lacs 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: \_\_\_\_\_

<b>Sr. No.</b>	<b>Specification asked in tender</b>	<b>Specification offered in quoted model</b>	<b>Remarks of deviation</b>

The format should be used separately for each quoted item.

Date:

Place:

Sign & Stamp of tenderer

**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 Lab. & Microbiology 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 <sup>st</sup> Year (after one year warranty)			
2 <sup>nd</sup> Year			
3 <sup>rd</sup> Year			
4 <sup>th</sup> Year			
5 <sup>th</sup> Year			

**Note:**

1. Quoted AMC / CMC price not more than 10% cost of the system, otherwise offer will be out-rightly 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 out-rightly rejected.

**SCOPE OF WORK :**

**Schedule of Requirements, Specifications and Allied Technical Details:**

**Purchase of Blood Bank Equipments**  
**- 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	Items Name	Detailed Specification	Unit/ Rate	Qty . Req d.	Make & Model	Compliance Yes / No																													
1	<b>Blood Bank Refrigerator Freezer-40 C</b>	<ul style="list-style-type: none"> <li>• Micro Controlled Temperature controller with Audio Visual Alarm for high &amp; Low Temperature and Door Open.</li> <li>• Heavy Duty Stainless Steel (304) Basket.</li> <li>• Display of Set and Process value</li> <li>• Extra-strength non CFC refrigeration System.</li> <li>• The unit is mounted on castor wheel foe easy mobility.</li> <li>• CFC Free PUF (Poly Urethane Foam) Insulation to ensure temperature stability and save power consumption.</li> <li>• Battery backup For TRCU: 2hr backup with rechargeable sealed free lead acid battery.</li> <li>• 400 liters back up capacity.</li> <li>• Technical Specifications:-</li> </ul> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>TP</td> <td>60*</td> <td></td> <td></td> <td>V-</td> <td>11</td> </tr> <tr> <td>F-</td> <td>60*</td> <td>38</td> <td>40</td> <td>5/H</td> <td>05*</td> </tr> <tr> <td>40</td> <td>10</td> <td>5</td> <td>0</td> <td>-4</td> <td>60*</td> </tr> <tr> <td>0</td> <td>5</td> <td></td> <td></td> <td></td> <td>60</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>CM</td> </tr> </table>	TP	60*			V-	11	F-	60*	38	40	5/H	05*	40	10	5	0	-4	60*	0	5				60						CM		01	
TP	60*			V-	11																														
F-	60*	38	40	5/H	05*																														
40	10	5	0	-4	60*																														
0	5				60																														
					CM																														

2	<p><b>Semi-Automated cell counter-3 parts.</b></p>	<p><b><u>Semi-AUTOMATIC CELL COUNTER</u></b>  <b><u>Technical Specification of 2-Part Automatic Haematology analyzer</u></b></p> <ul style="list-style-type: none"> <li>• Measures 18 parameters WEC,RBC,HGB,PLT,HCT,MCH,MCV,MCHC,MPV,RDW,PDW,PCT,LY%,MO%,GR%,LY#,MO#&amp; GR£# with high accuracy and precision.</li> <li>• High reproducibility and accuracy by unique mechanism such as; Double sampling nozzles to avoid carryover, double bath mixing chambers for effective haemolysing and Automatic sampling nozzle cleaning, automatic electric clog removing after each counting.</li> <li>• All the QC management programs such as X-bar-R, L-J (Levy&amp; Jennings), X-bar-D.CV should be available to calculate the plotting data from the sample data &amp; can be displayed and printed as a table.</li> <li>• Should have flag messages for WBC, RBC,&amp; PLT for interpretation like Leukocytois, poor hemolyses,microcytosis,hypo chromia, thrombocytosis etc.</li> <li>• Should have optional hand – held bar code reader. This assures proper management of different patient samples.</li> <li>• Should have serial interface and USB interface for high speed data transfer to a PC with optional data Management Software, and it</li> </ul>	01			
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		<p>can display colour histograms and print colour histograms on a report.</p> <ul style="list-style-type: none"> <li>• Detection Method Should be following:</li> <li>• Blood cell count: Electrical impedance method Haemoglobin: Surfactant method using cyanide freelyser (colorimetric method), Hematocrit: Histogram calculation, WBC Population: Histogram calculation, Plateletocrit: Histogram calculation, RBC distribution width: Histogram calculation, Platelet distribution width: Histogram calculation.</li> <li>• Through put should be approx. 60sample/hour.</li> <li>• Sample Volume should be 30ul for normal mode &amp; 10-20ul for paediatric mode with built in pre-dilution mode easily assessable form display</li> <li>• High reproducibility of Results should be WBC: Within 2.0% CV, RBC: With 1.5% CV, HGB: Within 1.5% CV, PLT: Within 4% CV, MCV: Within 1.0%.</li> <li>• Should have internal Thermal Printer.</li> <li>• Should have colour LDC display with backlit &amp; touch screen keys not less 5.5 inches</li> <li>• Data Storage should be numerical data for all counted parameters for minimum 400 samples, and histograms for minimum 50 samples plus SD card option should be</li> </ul>				
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		<p>available for more data</p> <ul style="list-style-type: none"> <li>• Environmental condition should be following:</li> <li>• Storage temperature: -20 to 60 C, Operating temperature: 15 to 30C, Operating humidity: 30 to 85% (Non Condensing), Atmospheric pressure: 70 to 106 kPa, operating altitude: Less than 3000m. power Requirement should be 220-240 V+10% AC, 50 or 60 Hz&amp; Power consumption should be 120 VA.</li> </ul>				
<b>3</b>	<b>Semi-Automated Elisa Reader for testing of blood</b>	<p><b><u>Elisa Reader:-</u></b></p> <ul style="list-style-type: none"> <li>• Should have 8 channel optical systems for reading. It can read multiple assays in single plate at a time.</li> <li>• It should have unlimited storage of results.</li> <li>• It should have 100 programming locations.</li> <li>• It should have inbuilt plate shaker with 3 different programmable shaking speeds</li> <li>• It should have self-test options after initialization of machine which checks that filter disc, plate transport, electronics main PC board, battery and memory are in working condition. If not it should give a flag on computer screen.</li> <li>• It should be adaptable to various kits based on absorbance, Cut off, Single point calibration, regression, multiple points percentage, linear regression, index regression, logarithmic regression, power regression, percentage logarithmic regression, four parameter regression</li> </ul>	<b><u>01</u></b>			

		<p>principles.</p> <ul style="list-style-type: none"> <li>• Spectral range should be 400-700 nm.</li> <li>• Photometric method should be dual or single both.</li> <li>• Light source should be tungsten Halogen, 6v/20w.</li> <li>• Should have low maintenance cost.</li> <li>• It should have 8 interference filter positions with 2 optional positions for up gradation.</li> <li>• Parent company should provide ISO certificate and CE certificate</li> <li>• It should be a windows software based machine. Desktop/ Laptop should be provide along with it.</li> <li>• Software should have facility for Patient management, test management.</li> <li>• Software should have a track of the user operated test and various activities done which can be documented in form of print out or soft copy as and when required.</li> <li>• It should have multiple results reporting facility to allow laboratory taking patient specific, test specific or assay specific result print outs.</li> <li>• It should have facility of database back up.</li> <li>• It should data reduction facility and results can be generated in various formats as per laboratory requirement.</li> <li>• Software should have facility for user ID and Password to allow access to only desired application to the user form administrator.</li> <li>• It should have Westgard Q.C rules incorporated in the software and it should generate QC graphs based on Westgard rules.</li> </ul>				
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		<ul style="list-style-type: none"> <li>• It should have user defined templates so that every time programming of controls/ samples is not required for all assays.</li> <li>• It should have data interface option so that it can allow bidirectional interface.</li> <li>• Machine should be installed in any government institute of Gujarat and Dadra &amp; Nagar Haveli from more than 1 year.</li> <li>• Service Station should be based in Gujarat.</li> <li>• Service Engineer should be based at Gujarat or Mumbai</li> </ul> <p><b><u>Elisa Washer:-</u></b></p> <ul style="list-style-type: none"> <li>• It should have programmable soak time 0-23 hrs.</li> <li>• It should have programmable wash cycle and wash volume 10-3000 micro liters.</li> <li>• It should have plate washing, strip washing facility.</li> <li>• It should have strip skip washing facility.</li> <li>• It should have various washing options like cross wash, bottom wash etc.</li> <li>• It should have in built incubator with adjustable temperatures of 25 deg, 30 deg and 37 deg for 2 plates.</li> <li>• It should have liquid crystal display with keypad</li> <li>• It should be compatible with all polystyrene flat U and V bottoms plates and 8/12 well strip pate.</li> <li>• Aspiration and dispensing speed should be software adjustable.</li> <li>• Residual volume should be less than 2 micro liters.</li> <li>• Voltage should be 110V – 220 V.</li> <li>• Parent company should provide ISO certificate and CE certificate.</li> <li>• It should have 3 wash bottles,</li> </ul>				
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		<p>1 waste bottle and 1 rinse bottle each of 2 liters all with liquid surface detecting system and auto alarm function.</p> <ul style="list-style-type: none"> <li>• Online switching of wash bottles should be done.</li> <li>• It should have 10 different plates setting for washing.</li> <li>• It should have programmable shake time 0 -23hrs.</li> <li>• It should have storage of 100 different programming locations.</li> <li>• Manifold should be optional 16 pins/24 pins</li> </ul> <p><b><u>Desktop Specification</u></b></p> <ul style="list-style-type: none"> <li>○ Intel Pentium – Dual core G2020 CPU – 2.60GHz, 1155MHz FSB, 3MB L2</li> <li>○ Intel 61 chipset Motherboard – Intel GMA-X3100 Graphics, 6 Channel Audio</li> <li>○ 2GB DDR-3 1333 MHz RAM -500GB SATA – 3 6.0GBPS 7.2K RPM Hard Disk</li> <li>○ uATX P-4 Cabinet + SMPS &amp; 2- Front USB – intex</li> <li>○ 15.6 LED Monitor acer-</li> <li>○ hp USB KBD + Optical Mouse,</li> <li>○ DVD- Writer Drive, Intel's Pro 10/100 LAN.</li> <li>○ 0 3 Nor Serial Port RS232</li> </ul>				
4	<p><b>Regrigerate d centrifuge machine (12 buckets)</b></p>	<ul style="list-style-type: none"> <li>• PLC Based Blood Bank Centrifuge id designed for blood Banks components separation room, The instruments is specialized in separating Blood component like packed cells, Platelet rich Plasma, Platelet Concentrate, Cryoprecipitate and buffy coat separation. The instrument outer body is made of</li> </ul>				

		<p>heavy gauge Mild steel duly powder coated with stainless steel (304) Inner Chamber and prompt PUF Insulation to ensure accurate cooling inside the Chamber, and built in Bush less induction drive motor ensure low level of vibration and noise with smooth acceleration/deceleration.</p> <p><b><u>Silent features:-</u></b></p> <ul style="list-style-type: none"> <li>➤ Program up to 99. Precise speed control and reproducibility.</li> <li>➤ Password Protected Parameter Setting For Authorised Access.</li> <li>➤ Audiovisual Alarm for Process Complete, Imbalance &amp; Process terminate.</li> <li>➤ Brush-less induction motor with frequency drive.</li> <li>➤ Pre-setting of speed, temperature and time</li> <li>➤ Safety lid interlock to prevent cover opening during centrifugation</li> <li>➤ Multicolour TEF Graphic/HMI Display of Set and Process Value of RPM, Temp., Time, Acceleration &amp; Deceleration with RCF indicator.</li> <li>➤ 2 Pre cooling Program. 22 C &amp; 4 C</li> <li>➤ Integrated Soft Key LID opening system with Extra safety manual opening in case of power failure.</li> </ul>		<b><u>01</u></b>		
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➤ Viewing window for RPM Calibration. Safety Gas hinges to prevent immediate LID drop

**Rotor Specification:-**

Modal No.	Rotor Detail	Max RPM	Max RCF	Bucket
<b>TBRC-70</b>	4 Place Aluminium swing out rotor head to hold 4 metal carrier having capacity to hold 2 Bags with Plastic bucket and shield of 6mm thick	400	550	1000 ml X 8
<b>TBRC-90</b>	6 Place Aluminium swing out rotor head to hold 6 metal carrier having capacity to hold 2 Bags with Plastic bucket wind shield of 6mm thick	400	527	1000 ml X 12

**Technical Specification:-**

Model No.	TBRC-70 TBRC-70+	TBRC-90 TBRC-90+
Width	875 mm	875 mm
Depth	990 mm	990 mm
Height	1015 mm	1015 mm
Input Power Suppl	220-240V AC, 50 Hz Single Phase	220-240V AC, 50 Hz Single Phase

*e-tender ID No. 2018\_UTDNH\_3054 Purchase of Blood Bank Equipments under  
National Health Mission, Silvassa for the Year 2018-19.*

		y					
		Temp. Range	4 C to 22.0 C	4 C to 22.0 C			
		Weight	400 Kg Approx	400 Kg Approx			
		Recommended Voltage Stabilizer	7.5 KVA	7.5 KVA			

Signature of bidder  
with Rubber Stamp

**SD/--**  
**Mission Director (NHM)**  
National Health Mission  
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