

Government of West Bengal  
Office of the Principal  
NRS Medical College, Kolkata

Memo No: NMC/Store/ 564

Date: 21/02/2022

**Tender Notice**  
**(NIT NO. 46 /2021-22)**

Sealed Tender is invited by the Principal, N. R. S. Medical College, Kolkata – 14 for supply of **Central Monitoring System**\_ for the Dept. of Hematology of this Institution. Tender form and details/specification can be obtained from the Departmental website [www.wbhealth.gov.in](http://www.wbhealth.gov.in) from 21-02-2022 Last date of submission of Tender is 28.02.2022 up to 1 P.M. Tender will be opened on same date at 2.30 P.M in the office of the Principal, N. R. S. Medical College. Details are available in the Department of Health & Family Welfare, Govt. of West Bengal official Website: [www.wbhealth.gov.in](http://www.wbhealth.gov.in) & College website ([www.nrsmc.edu.in](http://www.nrsmc.edu.in))

**Terms and Condition**

1. Only Manufacturers/direct Importers/Authorized Distributors are eligible for quoting.
2. The rate should be quoted in both figure and word strictly as per sample/mentioned specification along with provided accounting unit only. All rates quoted should be inclusive of all liveable charges (including door delivery charges to the concerned department, packing charges, installation charges), and all other foreseeable incidental charges are exclusive of all applicable taxes should be mentioned separately.
3. The Tendering authority reserves the right to withdraw any item from the Tender at any stage. In such Contingency the selection of such item, if already made in favour of any Tendered shall be treated as cancelled. The Tendering authority also reserves the right to accept / reject / split any.
4. The Tenderer shall be bound for total replacement of the supplied quantity with a fresh supply of equivalent quantity if the item(s) are found to be defective/not as per given specification.
5. Payment will be made only after the delivery of the articles and satisfactory certification by an authority fixed by the administration. No request for advance or part payment will be considered.
6. In case of rejection of any supply on quality grounds or failure or refusal to replace the contracted items within the specified time or according to specifications/quality, the College/Hospital administration will have the authority to recover the losses, if any, by making deductions from any pending claim of the supplier in respect of same tender or any past/future tender.

7. The Specification and Brochure is to be submitted along with the Tender.

8. The Tenderers must accompany all the papers/documents along with the Tender.

9. The Tenderers must submit their tender in two bid method. Main envelope should contain Technical bid in Envelop A and Financial bid in Envelop B. all the envelopes must be properly sealed before submission.

10. Price bid of those bidders will only be opened who will qualify in technical scrutiny by tender selection committee.

11. Earnest money amounting to Rs. 5,000/- (Five thousand) only must be deposited in the form of Demand Draft from any Nationalized Bank in favour of 'Principal, N. R. S. Medical College' payable at Kolkata .

12. The performance bank guarantee will be mandatory for all suppliers and will not be waived in any case. The successful tenderers shall be required to furnish the 'performance bank guarantee' from any Nationalized/scheduled Bank acceptable to Govt. Of West Bengal for one year @ 10% of quoted base rate per item for which the tenderer has been selected as supplier.

13. The tendering authority has the liberty to ask for **performance demonstration** of any item during any stage of the tender process, before placing order for supply. In case of dissatisfaction, the authority will have the right to disapprove the offer of L1 bidder and go for the next bidder. Orders for supply of the approved products will be placed with the successful tenderers after execution of agreements and such supply shall have to be made in such installments as may be fixed or spread over the period to be specified in the supply orders to be made in pursuance of the agreements. The equipment is to be transported in such packaging so as to avoid damage to primary package of manufacturer. The successful tenderer will have to supply within the specified time schedule that had been assured at the time of selection as supplier.

**14. Guarantee / Warranty Period:**

The machine/Instrument should be covered by free on-site comprehensive Warranty for one year after successful installation. The tenderers must quote for 5 (Five) years' comprehensive on-site AMC of entire system (including all spares & labour) after the date of completion of free warranty period.

**15. Performance Bank Guarantee:**

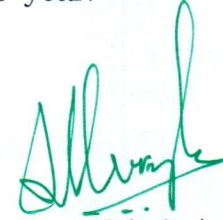
The performance bank guarantee will be mandatory for all suppliers and will not be waived in any case. The successful tenderers shall be required to furnish the 'Performance Bank Guarantee' from any Nationalized/Scheduled Bank acceptable to Govt. of West Bengal for One year @ 10% of quoted base rate per item for which the tenderer has been selected as supplier. The performance bank guarantee will have to be renewed after completion of Free Warranty period, for additional 5 (Five) years under the paid CAMC period before transfer of the CAMC amount to bidder's account.

16. In case of more than one L 1 bidder, weightage will be given to document number 7 of the following list.

**17. All bidders must complete their technical demonstration of their quoted items within seven(07) days from the opening date of Tender to the concern Department.**

## List of essential documents to be submitted

1. Application submitted in Annexure- I
2. Copy of GST Registration certificate showing Registration No. (not provisional)
3. Copy of Valid Trade license
4. Copy of PAN Card of the bidder
5. Copies of Income Tax return for the last three years
6. Copies of Profit & Loss A/c and Balance Sheet for the last year.

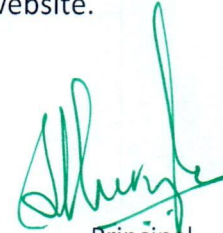


Principal  
NRS Medical College  
A Kol-14

Dated: 21/02/2022

Memo No: NMC/Store/564/1(4)

1. The Medical Superintendent-cum-Vice Principal, NRSMCH, Kolkata
2. Accounts Officer, NRS Medical College, Kolkata
3. I. T. Cell, Swasthya Bhawan, Salt-lake, for publication in the website.
4. Notice Board.



Principal  
NRS Medical College  
A Kol-14

**ANNEXURE-I**

**APPLICATION FORMAT**

(To be furnished in the Company's official letter pad with full address and contact no etc)

To The Principal, Nil Ratan Sircar Medical College, Kolkata-700014.

Sub: Tender No.-----Dt.------(Name of the Item -1)-----2)-----  
-----3)-----4)-----

----) for purchase and installation of equipment for department of ....., Nil Ratan Sircar Medical College, Kolkata-700014.

Ref:-

Sir,

Having examined the pre-qualification & other documents published in the N.I.T, I /we hereby submit all the necessary information and relevant documents for evaluation:

1. That the application is made by me / us on behalf of.....

In the capacity of.....duly authorized to submit the offer. The authorization letter from the Company is attached in Annexure II.

2. We accept the terms and conditions as laid down in the NIT mentioned above and declare that we shall abide by it for throughout the tender period and its extensions, if any.

3. We are offering rate for the following item /items and assured supply to the Health & Family Welfare Department, Government of West Bengal as per Table-1 (Instrument Specification)

4. a. We propose that the order and bill should be raised in our name.

For liasoing, we have appointed M/S ..... having its office at ..... (Address, contact no and e mail address) as C&F agent /Liasoner /Contact person/..... Others (strike out whichever is not applicable) as per clause ..... of the NIT

OR

b. The agreement between ourselves and the distributor/C&F/Liasoner& other documents as prescribed is attached in annexure III

5. In the event of being selected, supply will be made within the stipulated period excepting the condition which is beyond our control.

6. We understand that:

(a) Tender Selection Committee/ H&FW Dept can amend the scope & value of the contract bid under this project.

(b) Tender Selection Committee/ H&FW Dept reserves the right to reject any application without assigning any reason.

Date :-

Signature of applicant including title  
and capacity in which application is made.

Contact details -

Mobile:

E mail ID:

## Specification of Central Monitoring System

Maximum number per display - 8 on a single display  
Maximum no of bedside monitor/central station monitor -  $\geq 16$   
Display - LED  
Type of display - Single  
Size in inches - 19  
Length of time, hr -  $\leq 120$   
Multi-lead view - Yes  
ST ANALYSIS Provided - Yes  
Type of monitors for which ST Analysis are analysed - Bedside Monitor  
Number of leads analyzed - Yes  
Length of time in days - 3  
Reports - Yes  
Data type - Yes  
Graphical, tabular, ST trends and event wave-forms - Yes  
Hardware platform - Open system  
Operating system - Windows  
Communication between multiple central stations - Yes  
Max number of central stations on single network -  $\geq 4$   
Max number of devices on single network -  $\geq 32$   
Bedside monitor-to-bedside monitor communication - Yes  
Remote viewing - Yes  
Central station required for networking - Yes  
Interfaces - Yes  
HL7 outbound (vital signs) - Yes  
CIS/bedside information system - Yes  
EMR - Yes  
ECG data management system - Yes  
HL7 inbound (ADT) - Yes  
STRIP CHART RECORDER - Yes  
Number of channels -  $\geq 2$   
Printer - Yes  
Type of printer - Thermal printer  
UPS - Yes  
Back up time of UPS in min - 30



(Prof.) Dr. Tuphan Kanti Dolai  
DM, MD, DNB, FICP  
Head of the Department  
Department of Haematology  
NRSMC & H, Kolkata-700014

## Monitored Patients

Maximum number per display 8 on a single display

Maximum no of bedside monitor/central station monitor  $\geq 16$

## Central Display

Display LED

Type of display Single

Size in inches 19

Max number main display (patient sector) selectable 32

Max number of individual patient display  $\geq 16$

## Trending

Graphical Yes

Tabular Yes

Length of time, hr  $\leq 120$

## Arrhythmia Analysis



(Prof.) Dr. Tuphan Kanti Dolai  
DM, MD, DNB, FICP  
Head of the Department  
Department of Haematology  
NRSMC & H, Kolkata-700014

Type of monitors for which Arrhythmia analysis provided      Bedside monitor

Multi-lead view      Yes

### ST Analysis

ST ANALYSIS Provided      Yes

Type of monitors for which ST Analysis are analysed      Bedside Monitor

Number of leads analyzed      Yes

### Events

Type of monitors for which events are analysed by central monitor      Bedside Monitor

Storage capacity      Yes

Max number of events      100

Length of time in days      3

### Full Disclosure

Length of time for full disclosure in hr      1240



(Prof.) Dr. Tuphan Kanti Dolai  
DM, MD, DNB, FICP  
Head of the Department  
Department of Haematology  
NRSMC & H, Kolkata-700014

Number of parameters stored

Parameters stored with answer all displayed parameters

Number of wave-forms stored

Stored with answer as all displayed wave forms

### Alarm Default Settings

Systolic BP - low, mm Hg

Yes

Systolic BP - high, mm Hg

Yes

Diastolic BP - low, mm Hg

Yes

Diastolic BP - high, mm Hg

Yes

Mean BP - low, mm Hg

Yes

Heart rate - low, bpm

Yes

Heart rate - high, bpm

Yes

Pulse oximetry - low

Yes

Respiratory rate - low, bpm

Yes

Respiratory rate - high, bpm

Yes



(Prof) Dr. Tuphan Kanti Dolai  
DM, MD, DNB, FICP  
Head of the Department  
Department of Haematology  
NRSMC & H, Kolkata-700014



Volume settings

Yes

### Features Of Alarms

Priority/levels

Yes

User defined

Yes

Silence active alarm

Yes

All-alarm suspend

Yes

Suspend duration, sec

Yes

Alarm latching

Yes

Reports

Yes

Data type

Yes

Graphical, tabular, ST trends and event wave-forms

Yes

### System Configuration

Hardware platform

Open system



(Prof.) Dr. Tuphan Kanti Dolai  
DM, MD, DNB, FICP  
Head of the Department  
Department of Haematology  
NRSMC & H, Kolkata-700014

Operating system Windows

System security Yes

HIPAA Compliant Yes

### Networking

Communication between multiple central stations Yes

Max number of central stations on single network  $\geq 4$

Max number of devices on single network  $\geq 32$

Bedside monitor-to-bedside monitor communication Yes

Alarms Yes

Remote viewing Yes

Central station required for networking Yes

Interfaces Yes



(Prof.) Dr. Tuphan Kanti Dolai  
DM, MD, DNB, FICP  
Head of the Department  
Department of Haematology  
NREMC & H, Kolkata-700014

HL7 outbound (vital signs)	Yes
CIS/bedside information system	Yes
EMR	Yes
ECG data management system	Yes
HL7 inbound (ADT)	Yes
STRIP CHART RECORDER	Yes
Number of channels	≥2
Printer	Yes
Type of printer	Thermal printer
UPS	Yes
Back up time of UPS in min	30



(Prof.) Dr. Tushan Kanti Dolai  
DM, MD, DNB, FICP  
Head of the Department  
Department of Haematology  
NRSMC & H, Kolkata-700014