



PTR. NO. : E-69, AHMED NAGAR

SHRI SAIBABA SANSTHAN TRUST, SHIRDI

SHIRDI: Post: Shirdi - 423109, Tal. Rahata, Dist. Ahmednagar, Maharashtra (India).
Telephone: +91 - 2423 - 258 671-672-673, Fax: +91 - 2423 - 258660, Telegram: Sainath, Shirdi.
Email : saibaba•hospital@sai•org•in

Shri Sainath Hospital, Shirdi Annexure "A"

Technical Specification for Coagulometer - Pathology Department (Preferred Make:- Sysmax, Tulip, Meril Diagnostic, Robonik or equivalent)

Sr. No.	Description	Qty.	Rate Per Inclu. of All Tax	Total Amt. in Rs.
1	Coagulometer	01		
	1) Test Channel: 4 channels, each channel is independent, one or more same or different items can be test Simultaneously			
	2) Tests performed: PT, APTT, TT, Fibrinogen, cofactors II, V, VII, VIII, IX, X			
	3) Optical detection with magnetic stirring used to detect clots			
	4) Automated test calculation following addition of reagent, automatic compensation for blanks			
	5) Measuring System – Photometric / Denstomatic/ Dispersion light nephelometric analysis			
	6) Test Principle: The highest point on first order differentiation, Percentage analysis			
	7) Tests: Test Items: PT , APTT, TT, Fib, RepT, VT,AT-III,Protein-S, Protein-C, LA,Hep			
	8) Light Source: Cold Lamp with high brightness and long lifetime			
	9) Automatic calibration/self test system			
	10) Capacity PT: 60 in duplicate/per hour, APTT 45 in duplicate/per hour			
	11) Automatic Trigger - Sample loading.			
	12) Measure trigger: Auto trigger the measurement through configured pipette			
	13) Zero point correction: Auto track the zero point, eliminate the effect of sample and reagent Wavelength: 470nm			
	14) Reagent: Open reagent system			
	15) Reagent volume: $\leq 40\mu\text{L}$			
	16) Sample volume: $\leq 40\mu\text{L}$			

Quotation-2018 - Jadhav 1



MUMBAI: Sainiketan, 804 - B, Dr. Ambedkar Marg, Dadar, Mumbai - 400014
Telephone: +91 - 22 - 24166556, Fax: +91 - 22 - 24150798. Telegram: Sainiketan, Mumbai.
Website: <http://www.shrisaibabasansthan.org>, E_mail: [saibaba_anr@sancharnetin/saisandesh_anr@sancharnetin](mailto:suibaba_anr@sancharnetin/saisandesh_anr@sancharnetin)



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17) Automation Termination –Clot Formation.			
18) Incubator – Built in at 37 degree C .			
19) Incubator: Provide 28 incubators for reagent and sample			
20) Separate position for Reagents and Tests.			
21) LCD/LED display & calibration curves.			
22) RS 232 interface for transferring results to PC or printer			
23) Calibration: single-point calibration; multipoint calibration; auto store and match with calibration curve Calculator to show results in seconds, %, INR, g/L Mg/U.			
24) Repeatability: CV≤5%			
25) Should use unicovolumes of sample.			
26) Keypad control Panel, RS232 part and printer should be there with instrument.			
27) Good after sale service (To bring performance report from uses.)			
28) Memory: Save more than 10000 samples results, and auto recover the results when power is off during Working condition			
29) Detector: Unique dispersion light detector with high sensitivity and repeatability, immunized the effect on result of jaundice, hemolysis, chyle and turbidity on plasma			
30) Item modify: easy to add or edit items, easy to set the items parameters Quality control: Auto draw the QC figure			
31) Power supply: 240VAC, 50Hz			
32) Accessories :			
Should have built in thermal Printer			
Starter kit consisting of 100 pcs of Cuvettes with magnetic stirs			
33) Consumables :			
For PT tests, APTT tests, Fibrinogen tests			
Printer paper 20 meter rolls			
Reagent Cuvettes, 100 pcs			

Quotation- 2018 – Jadhav 2



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	Magnetic stirrers, 10 pcs			
	❖ Warranty: min. 1 Year			
	❖ AMC/CMC Cost- AMC / CMC cost should be including Taxes. It should be fixed for next 5 years.			
	❖ Warranty and CMC should include PMS visits -4 Nos. and unlimited Breakdown calls with spare parts & Calibration whenever necessary free of cost.			
	❖ Operators should be given training for its regular use & maintenance training should be given to Biomedical Engineer free of cost.			
	❖ All Technology should be mandatorily with safety approval- EC Marked, US FDA / UL & CE, ISO certification. Approval certificate must be submitted for the total unit.			
	❖ The product should be time tested, branded and should be OEM			
	❖ Cost of Consumables to be fixed for warranty period.			

**Medical Director
& Civil Surgeon**
Shri Saibaba Hospitals, Shirdi



**SHRI SAIBABA SANSTHAN TRUST, SHIRDI**

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NO.SSS/WS/SSBH/STORES/(P/S)/ /2018
DATE:

To,

**Sub : - Quotation for Purchase of Coagglometer for Pathology Department
of Shri Sainath Hospital, Shirdi.**

Dear Sir,

We have to purchase Coagglometer for Shri Sainath Hospital, Shirdi given in enclosed Annexure "A" & the following terms and conditions.

Terms and Condition

1. The **Coagglometer** will have to be supplied F.O.R. Shirdi.
2. The rate should be inclusive of GST, transport charges, T.O.T. Etc.
3. You will have to mention name of the company, packing, rate per unit, total cost etc.
4. Packing, forwarding, and other charges will not be paid by the Sansthan.
5. The delivery of the ordered material will have to made at Shri Saibaba Hospital, Shirdi on any working days between 10 a.m. to 6 p.m.
6. In case if supply is not made in the proper time and if material is to be purchased from other party at higher rates than the rates given in quotation you will be responsible to compensate the excess amount paid by the Sansthan.
7. You will have to supply the ordered material at the quoted rates in the quotation and no increase will be given or allowed in the rates for any reason whatsoever.
8. In case of breakage / leakage in transit, prior to delivery to Sansthan, you will have to replace the same immediately failing which payment will be made by deducting the cost of the same.
9. Payment will be made by the Sansthan on confirmation of the name of the company, quality, quantity, grade if any etc. as specified in the quotation. No advance payment will be made against the supply.
10. All the Equipments shall be new and manufactured from virgin materials. All the requirements of this supply shall be sourced from the original equipment manufacturer of the model quoted. In case the machine is imported one to import substitution is permitted neither before the wards nor after the award for any part or accessory.
11. Any accessory / accessories not mentioned specifically but required to make system working will have to be supplied without any extra cost.

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12. The supplier has to mention the one time visit charges for breakdown and servicing.
13. Equipment mentioned in the Technical specification shall operate on 230V $\pm 10\%$, 50Hz, single phase electric supply if not mentioned specifically.
14. The necessary protective relaying / circuitry shall be there with the machines.
15. The equipment shall have valid CE marking and US FDA approval (Wherever necessary) and documentary evidence to that effect shall be submitted.
16. The equipment shall be having warranty of 01 year. The warranty and CMC shall cover the batteries and lamps irrespective of whether those are treated as consumables or otherwise.
17. Minimum 4 Nos. of preventive maintenance visits and unlimited breakdown call visits as per requirement must be attended in the warranty and AMC/CMC period. The services to the equipment in warranty and CMC period will be considered as same.
18. The equipment should be provided with one hard copy in original of the detailed service manual and operation manual. Further, a soft copy is also required.
19. Repairs and maintenance training to two Biomedical Engineers should be given for one week or more as per requirement.
20. The equipment must be tropicalized as below-
Working Temperature : Max.45⁰
Storage Temperature : Max.50⁰C,
Relative humidity for working : 40 - 60%,
Relative humidity for Storage : Max 90%
21. Among the other things, the responsiveness in Technical Bid will be based on successful demonstration of the offered model of the equipments to SSST officials as mentioned elsewhere in the tender specifications.
22. The supplier has to submit user list with contact telephone numbers for the model quoted.
23. The supplier has to give past performance certificate of the quoted equipment.
24. The supplier should submit all the Datasheets of the quoted model for technical comparison.
25. The product should be time tested, branded and should be OEM.

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26. The life of the equipment should be mentioned.
27. The quotation must be clearly mention on the sealed envelope **“Coagulometer of Pathology Department for Shri Sainath Hospital”**.
28. The quotation in sealed cover may please be submitted to our Shirdi office on or before **Dt. 15/02/2018**.

Thanking you and with blessings of Shri Saibaba.

Yours Sincerely,

**Medical Director
& Civil Surgeon**
Shri Saibaba Hospitals, Shirdi



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