<u>कार्यालय संयुक्त संचालक एवं अधीक्षक</u> गांधी स्मारक चिकित्सालय रीवा म.प्र.

निविदा



2025-26

श्यामशाह चिकित्सा महाविद्यालय रीवा से सम्बद्ध चिकित्सालय हेतु बिरसा मुण्डा सेंटर ऑफ एक्सीलेंस में सिकल सेल एनीमिया तथा अन्य हीमीग्लोबिनोपैथी जॉच हेतु एंव जैनेटिक लैब स्थापित किए जाने के लिए उपकरण क्रय हेतु ई निविदा

(लोकल पर्चेस)

(प्रथम आमंत्रण)

निविदा क्रमांक-/0/2025-26

कीमत रू. 5000 / – (रूपये पांच हजार मात्र)

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J2/11/28

ONLINE TENDER SCHEDULE

ई-निविदा क्र-1ृ ं ∕ 2025—26

CEO		START DATE &	EXPIRY DATE & TIME
SEQ NO	SCHEDULE	TIME	19-12-25
1	PURCHASE OF TENDER ONLINE	19-11-25 11.00 AM	06.0000
2	BID SUBMISSION ONLINE	19-11-25	19-12-25 06:00 pm
3	MANDATORY SUBMISSION OPEN	23-12-25	
4	TECHNICAL PROPOSAL OPEN	25-12-23	
5	FINANCIAL BID OPEN	मुष्ठ से सूचना	

ई-मेल:- jdsupdtgmhrewa@rediffmail.com,

संपर्क: 7662-350106,+91-9617348113,+91-9644695933,+91-9575285501,9993002280

पोर्टल में ऑनलाईन अपलोड किए जाने वाले दस्तावेजों की सूची:-

- 1. प्रतिभूति राशि(EMD-earnst money deposit) रूपये 100000 ऑनलाईन जमा की रसीद।
- 2. मूल निविदा प्रपत्र हस्ताक्षर एवं सील सहित (Online purchased) सभी पृष्ठ

3. फर्म / संस्था के रजिस्ट्रेशन।

- 4. वित्तीय वर्ष, 23–24 एवं 24–25 (एसेसमेंन्ट ईयर 24–25 एवं 25–26) का आयकर रिटर्न जमा करने की स्वयं द्वारा सत्यापित छायाप्रति)
- 5. 1000 रू. के नॉन—ज्यूडिशियल स्टाम्प पर निर्धारित घोषणा पत्र

6. पैन कार्ड

7. वार्षिक टर्न ओवर संबंधी प्रमाण पत्र सी.ए. द्वारा जारी। (रू 30.00 लाख वार्षिक से कम नही होना चाहिये वर्ष 2024-25)

जी.एस.टी. रजिस्ट्रेशन।

- 9. अधिकृत डीलर को निर्माता कंपनी द्वारा जारी अद्यतन अर्थराईजेशन पत्र की प्रति।
- 10. USFDA / European CE सर्टिफाईड कंपनी का प्रमाण पत्र।
- 11. उपकरण के विनिर्देश संबंधित समस्त दस्तावेज ।

12. एमएसएमई रजिस्ट्रेशन (वैकल्पिक)

13. शासकीय / अर्धशासकीय चिकित्सालय में न्यूनतम 500 बेड चिकित्सालय में निविदा में उल्लेखित उपकरण प्रदायगी का अनुभव(work order, work completion and

satisfactory report) 14. तकनीकी बिड खोलने के समय का मशीन का डेमो ऑनलाईन/ऑफलाईन दिया जाना अनिवार्य होगा।

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तकनीकी बिड हेतु प्रपत्र:--

	तकनीकी बिंड हेतु प्रपत्रः				
स.	तकनीकी मापदण्ड हेतु अनिवार्य दस्तावेज		गर के द्वारा		
क्र.			केया जावें।		क किया
		पृष्ठ क.	दर्शायें	जावें।	
		हां	नही	हां	नही
	प्रतिभूति राशि(EMD-earnst money				
1.	deposit) रूपये 100000 ऑनलाईन जमा की रसीद।				
2.	मूल निविदा प्रपत्र हस्ताक्षर एवं सील सहित।				
3.	फर्म / संस्था का रजिस्ट्रेशन।				
	वित्तीय वर्ष, 23–24 एवं 24–25 (एसेसमेंन्ट ईयर				
	24-25 एवं 25-26) का आयकर रिटर्न जमा करने की				
4.	स्वयं द्वारा सत्यापितं छायाप्रति)				
	1000 रू. के नॉन-ज्यूडिशियल स्टाम्प पर निर्धारित				
5.	घोषणा पत्र				
6.	पैन कार्ड				
	वार्षिक टर्न ओवर संबंधी प्रमाण पत्र सी.ए. द्वारा जारी।				
7.	(रू. 30 लाख वर्ष 2024—25)				
8.	जी.एस.टी. रजिस्ट्रेशन।				
	अधिकृत डीलर को निर्माता कंपनी द्वारा जारी अद्यतन				
9.	अर्थराईजेशन पत्र की प्रति।				
10.	European CE /USFDA सर्टिफिकेट की प्रति।				
	उपकरण के तकनीकी विशलेषण (टेक्निकल				
	स्पेशफिकेशन) सूची में सम्मिलित समस्त शर्ते संबंधित				
11.	समस्त दस्तावेज				
12.	एम.एस.एम.ई. रजिस्ट्रेशन (वैकल्पिक)				
	शासकीय/अर्धशासकीय चिकित्सालय में न्यूनतम 500				
	बेड चिकित्सालय में निविदा में उल्लेखित उपकरण				
	प्रदायगी का अनुभव(work order, work				
	completion and satisfactory				
13.	report)	18 1			
	तकनीकी बिड खोलने के समय का मशीन का डेमो				
14.	ऑनलाईन/ऑफलाईन दिया जाना अनिवार्य होगा।				

निविदाकर्त्ता संस्था प्रमुख के हस्ताक्षर
निविदाकर्त्ता संस्था प्रमुख का नाम
(स्पष्ट अक्षरों)
संस्था का नाम एवं पूर्ण पता एवं सील
बैंक का नाम, खाता क. एंव आई.एफ.एस.कोड

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श्यामशाह चिकित्सा महाविद्यालय रीवा से सम्बद्ध चिकित्सालय हेतु बिरसा मुण्डा सेंटर ऑफ एक्सीलेंस में सिकल सेल एनीमिया तथा अन्य हीमीग्लोबिनोपैथी जॉच हेतु एव जैनेटिक लैब स्थापित किए जाने के लिए उपकरण कय हेतु (प्रथम आमंत्रण) (लोकल पर्चेस) ई-निविदा फार्म नियम एवं शर्ते

1. श्यामशाह चिकित्सा महाविद्यालय रीवा से सम्बद्ध चिकित्सालय हेतु बिरसा मुण्डा सेंटर ऑफ एक्सीलेंस में सिकल सेल एनीमिया तथा अन्य हीमीग्लोबिनोपैथी जॉच हेतु एंव जैनेटिक लैब स्थापित किए जाने के लिए उपकरण क्रय हेतु (प्रथम आमंत्रण) (लोकल पर्चेस) आंमत्रित की जाती है। निविदा प्रपन्न वेबसाईट https://mptenders.gov.in/ पर आनलाईन भुगतान कर चिकित्सा महाविद्यालय सकेंगे। इसे http://www.ssmcrewa.ac.in में भी देखा जा सकेगा।

2. आनलाईन निविदा जमा करनें की निर्धारित अवधि के पश्चात प्राप्त निविदाएँ स्वीकार नहीं की जावेगी। ऑनलाईन निविदा फार्म क्रय करने का मूल्य रू. 5000.00 निर्धारित हैं यह राशि वापस

योग्य नही है।

3. निविदा के साथ प्रतिभूति राशि(EMD-earnst money deposit) रूपये 100000 ऑनलाईन जमा करनी होगी। प्रतिभूति राशि पर किसी भी प्रकार का ब्यांज देय नही होगा।

प्राइस बिड केवल ऑनलाईन ही भरी जावे तथा भारतीय मुद्रा में ही स्वीकार्य होगी।

5. कृपया प्राईस बिड भरने के पहले समस्त दस्तावेज एंव स्पेसिफकेशन ध्यानपूर्वक पढ़ एंव समझ लें, उसके पश्चात ही निविदा भरें।

6. निविदाकार को ऑनलाईन क्रय किए हुए निविदा प्रपत्र एवं उसके साथ संलग्न कागजातों के

प्रत्येक पृष्ठ पर अपने हस्ताक्षर कर सील लगाकर अपलोड करना होगा।

7. चिकित्सालय की भण्डार क्रय समिति को किसी भी अथवा समस्त निविदाओं को कारण बताकर अमान्य करने का अधिकार होगा।

8. सामान्यतः न्यूनतम मूल्य दर की निविदा को स्वीकार किया जावेगा, तथापि क्रय समिति शासनहित / जनहित में सामग्री रूप से विचार करते हुये अन्यथा निर्णय लेने हेतु अधिकार सम्पन्न होगी।

9. सफल निविदाकार को उपकरण हेतु तीन वर्ष की Comprehensive Warranty तीनों मशीन हेतु उपलब्ध करानी होगी। वारंटी पीरियड के बाद 05 वर्ष के लिए एसीएमसी(वार्षिक कम्प्रेहेन्सिव मेंटेनेंस कॉन्ट्रेक्ट) उपलब्ध करानी होगी। एसीएमसी हेतु प्राइस बिड में दरें एवं एसीएमसी के अतिरिक्त लगने वाले पार्ट्स की दर सूची संलग्न करना अनिवार्य है।

10. निविदा स्वीकृत होने पर सफल निविदाकार को अनुबंध के साथ उपकरण मूल्य का 03 प्रतिशत राशि का डिमाण्ड ड्राफ्ट गांरटी के रूप में जमा करना होगा। यह परफार्मेस गांरटी टेण्डर हेतु

जमा प्रतिभूति राशि (EMD-earnst money deposit) की राशि से पृथक होगी।

11. सफल निविदाकार को क्रय के उपरान्त क्रय किये गये उपकरणों की सर्विस उपलब्ध कराई गई जगह पर ही करनी होगी (चिकित्सा महाविद्यालय रीवा से सम्बद्ध चिकित्सालय हेतु), सर्विस संबंधित सभी टैक्नीशियन एवं ईंजीनियर की समुचित जानकारी जैसे पते, फोन नम्बर, फैक्स नम्बर ,ई-मेल इत्यादि उपलब्ध करानी होगी।

12. उपकरण के खराब होने की स्थिति में 72 घंटे या उससे कम के भीतर सर्विस इंजीनियर को उपलब्ध कराना होगा। अगर 72 घंटे से अधिक समय सर्विस हेतु लगाया जाता है तो 2000

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घोषणा पत्र (शपथ पत्र)

(1000/- रूपये के नान-ज्यूडिसियल स्टाम्प पेपर पर प्रस्तुत किया जाये)

- 1. $\frac{1}{7}$ हम भारत का $\frac{1}{7}$ के नागरिक हूं $\frac{1}{7}$ है।
- 2. मैं / हम भारतीय संविदा अधिनियम के अनुसार निविदा कार्य के लिए सक्षम हूं / हैं।
- 3. मुझे / हमें म.प्र. शासन के किसी भी विभाग द्वारा निविदाकार्य से बहिष्कृत नहीं किया गया है।
- 4. मैं /हम किसी ऐसे कान्ट्रेक्टर, जो कि म.प्र. शासन के किसी विभाग द्वारा बहिष्कृत किया गया हो, न तो अभिकर्त्ता हूँ /है और न ही उसके लिये कार्य करता हूँ / करते है।
- 5. मेरे / हमारे द्वारा निविदा की शर्तो के अलावा अन्य कोई शर्ते प्रस्तुत नहीं की गयी है। यदि अन्य कोई शर्ते प्रस्तुत की गयी है, तो उसे अमान्य माना जाये।
- 6. श्यामशाह चिकित्सा महाविद्यालय/संजय गांधी स्मृति चिकित्सालय/गांधी स्मारक चिकित्सालय रीवा के किसी अधिकारी/कर्मचारी से संबंध नहीं है।
- 7. हमारी संस्था के विरूद्व सी.बी.आई. / लोकायुक्त / ई.ओ.डब्ल्यू / शासकीय कार्यालय इत्यादि में कोई जाचं लबित नही है और न ही सक्षम न्यायालय मे आपराधिक प्रकरण दर्ज है और न ही दण्डित किया गया है।
- 8. केंद्र / राज्य सरकार कोई भी कर मेरी संस्था / मेरे उपर बकाया नही है।
- 9. मेरे द्वारा प्रस्तुत जानकारी सही है। असत्य पाये जाने पर मेरे विरूद्ध विधिसम्मत कार्यवाही के किए जाने पर में स्वयं उत्तरदायी रहूंगा।

गवाह के हस्ताक्षर निविदाकार के हस्ताक्षर

 1. गवाह का नाम.....

 पता.....

 2. गवाह का नाम....

 पता

संस्था के समक्ष अधिकारी का नाम...... पता...... संस्था का नाम एवं पता.....

(2/11/25°

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श्यामशाह चिकित्सा महाविद्यालय रीवा से सम्बद्ध चिकित्सालय हेतु बिरसा मुण्डा सेंटर ऑफ एक्सीलेंस में सिकल सेल एनीमिया तथा अन्य हीमीग्लोबिनोपैथी जॉच हेतु एंव जैनेटिक लैब स्थापित किए जाने के लिए उपकरण क्रय हेतु ई निविदा (लोकल पर्चेस) (प्रथम आमंत्रण) हेतु अनिवार्य विनिर्देश (स्पेशिफिकेशन)

1. Specifications- HPLC system for detection of haemoglobinopathies

Sr. No.	Specifications		
1	Automated HPLC system, (with continues buffer gradient) must be dedicated to Thalassaemia and Haemoglobinopathy testing and screening.		
2	The system should be able to screen and quantitate haemoglobins Hb A2, Hb A and Hb F and detect the most commonly occurring abnormal hemoglobins like Hb S, Hb D, Hb E, Hb C, Hb Q- India, Hb D-Iran, Hb Lepore, Hb Saurashtra and other rare abnormal hemoglobins in both homozygous and in single and double heterozygous conditions. Need to provide 5 publications to show the system can detect rare hemoglobin variants.		
3	The system should have the provision of presumptive identification of Hb Barts and Hb H and various alpha chain variants like Hb J Meerut, Constant Spring etc.		
4	The company must have an installation base of minimum 150 in India for doing Thalassaemia and Haemoglobinopathy of which there should be atleast 20 installation in NABL or CAP accredited Laboratories for thalassemia and hemoglobinopathies screening and should be able to provide the relevant product and service support.		
5	The company must have at least 20 years of presence in India with availability of system & reagents for thalassaemia and haemoglobinopathies testing. And must have users for Haemoglobinopathies for a minimum of last 15 years.		
6	A minimum of 15 customer satisfaction certificate from Government as well as		
7	The HPLC system should have a dual piston pump so that each elution buffer has a different pump and the buffers work efficiently to give a continuous and a precise buffer gradient		
8	The system should not take more than 7 mins for the screening of thalassemia and hemoglobinopathies.		
9	The kit size should not be of more than 500 tests so that it can be consumed well within the expiry date and within 1 to 2 months.		
10	The system should have spinning of vacutainer before aspiration to avoid imprope sampling.		

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11	The system should have automatic barcode positioning and reading facility. The barcode should be able to auto align to the barcode reader. No manual intervention should be needed.			
12	The system should have continuous or batch wise sample analysis with random access and sample bar code sensor			
13	The system should have the facility of primary tube sampling and direct dilution of the samples without manual intervention.			
14	The system should have Tube Venting Capabilities so that there is no resistance caused while pulling blood from the tube which can impact the repeatability of results.			
15	Complete ready to use reagent kit must be provided with buffers in plastic tanks to view the levels of buffers during the run. Columns, primers, calibrators with diluent, CD to upload reagent information (such as lot number, expiry date so that user don't do individual entry and avoid errors) and sample vials must be within the kit as a single kit, thus, making it easy to calculate cost per test.			
16	All reagents required should be of the same lot for reliability of result and cost calculation per test.			
17	The system should have an inbuilt system check facility which checks that all the system parameters (eg, cartridge, buffer, reagent, waste etc.) are ready before the sample analysis.			
18	The buffers must be provided within plastic tanks to view the levels of buffers during the run. Also there should be a system which monitors liquid volume by weight and an alarm is generated by software if the buffer reduces than the set volume.			
19	The system should have automated sampler module which can accommodate 10 sample racks together. Each sample rack is barcoded and have 10 sample positions. The system should have continuous loading facility during the run.			
20	The system should have easy maintenance which should not incur additional cost of purchasing cleaning material or solutions.			
21	The system should not require adjustment of flow rates for maintaining of Retention time by the user.			
22	The system should have dedicated computer and software, which enables the system for bidirectional interfacing. Moreover the software should have customized reporting format, giving info on the subtype and quantity of hemoglobin detected.			
23	It should have a sufficient data hard disk approx. 80GB and a remote data access feature when connected to LAN or Intranet.			
24	The system must have a software for real time viewing of the analysis of the sample.			

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which should be a searchable database with more than 400 chromatograms of fully classified abnormal hemoglobins and thalassemias along with their clinical and molecular classification. Also, a hard copy of most commonly occurring hemoglobin variants and thalassemias seen in India as a quick guide should be provided. The HPLC system must be used in govt. thalassaemia screening programs in India and a minimum of 15 Govt user list of the thalassaemia kit should be provided. Minimum 5 publications should be provided to understand that the system has been used in the screening programs in India. The system should have an on board QC Menu capable of storing the quality control data and printing the standard deviation, Coefficient of Variation values and LJ chart. The company should provide normal and abnormal third party controls for Hb A2, Hb F and Hb S and provide External Quality Assurance Scheme (EQAS) to help compare results with similar users worldwide. The system should have dedicated computer, laser printer and software, which enables the system for bidirectional interfacing. Moreover, the software should enable result storage of minimum 10000 chromatograms (without any additional purchase of software). It should also have a facility to update kit parameters – calibrator values, integration parameter, lot number, expiry details of reagent etc. through a CD. The result from the machine should be presented in a symmetrical order (vertical chromatogram) with proper description of date, time of injection, sample ID, age sex, total area count, different fractions of haemoglobins along with their quantity with flagging for out of range values and the chromatogram with each peak marked with their respective retention time for easy viewing of the result. It should have a built in vacuum-based degassing system, automatic equilibration and wash procedures and have built in column thermostat for reproducibility. The system should be capable of holding minimum 10 racks at a time so that a least 100 samples can be					
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The software should automatically keep a cartrige/column count and no manual monitoring should be required.	34	sensor to detect a 95% full tank and gives an alarm when sensor is tripped, as well			
The system should be US FDA, EU CE and ISO 13485 certified.	35	The software should automatically keep a cartrige/column count and no manual monitoring should be required.			
	36	The system should be US FDA, EU CE and ISO 13485 certified.			

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37	The waste tank should be sufficiently big (atleast 10 liters) so that it reduces user interference with the machine and help in smooth running of large volume of samples without interruption.			
38	The reagent containers should be large enough to run more than 150 samples at a streatch without changing any buffers so that the user does not need to interact with the machine regularly. The reagents should be in plastic see through containers so that the level of each buffer and wash solution can be seen during the run.			
39	The company must have feature of capillary collection kit for remote sample collection with sample stability at 2-8 C for 14 days.			
40	The company must provide a system compatible finger prick collection kit which has long stability without maintaining cold chain.			
41	The company must provide a support of factory trained engineers, application specialist and thalassemia expert for the technical and chromatogram interpretation related issues.			
42	The HPLC system should have flexibility to use various samples tube sizes of 13x75mm, 13x100 mm micro capillary tubes (Micro cuvette startstedt), Micro capillary tubes brands (other than Micro cuvette startstedt) defined as sample vials 1.5ml sample vials.			
43	The instrument provider should also provide training to the pathologist for working, quality control, testing, evaluation and interpretation.			
44	Company must provide demo kit			
45	Company must provide 2KVA online UPS With 60 minute backup			
46	Company must provide the equipment within 15 days after order			

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2. Specification of Centrifuge (Refrigerated):-

- 1. Table top centrifuge for high volume applications.
- 2. Temperature range from <-12o C to + 40o C
- 3. Temperature control accuracy ±0.50 C
- 4. Short/quick spin key with selectable rotational speed changeable during centrifugation.
- 5. Fast cool option with standby cooling option.
- 6. With 10 accelerations and 10 breaking ramps.
- 7. With programmable memory ≥ 30 kinds of users.
- 8. With LCD display for different functions and settings.
- 9. With autoclavable rotors, lids and adapters (20 min; 1210 C)
- 10. Automatic rotor identification system.
- 11. Automatic imbalance detection.
- 12. Adaptors should be available for volumes from 1.5 ml to 100ml in fixed angle rotor.
- 13. With ability to spin 15 ml and 50 ml falcon tubes at ≥ 14000rpm with fixed angle rotor 6 x 85ml.
- 14.6 Bores fixed angle rotor (maximum size 100ml), maximum rotational speed ≥ 14000 rpm.
- 15. Speed accuracy ± 2 rpm at 1000rpm and ±20rpm at max. Speed.
- 16. 30 bores fixed angle rotor, 30 bores for 1.5/2 ml micro test tubes, maximum rotational speed ≥ 16000 rpm.
- 17. The fixed angle rotors and swing out rotor should accommodate both round bottom tubes as well as falcon tubes.
- 18. The swing out rotor should accommodate 64 x 1.5/2 ml, 36 x 15 ml, 16 x 50 ml and 4 x 250 ml falcon tubes.
- 19. Two set tubes of different capacities (1.5ml, 10ml, 25ml, 50ml, 250ml,)
- 20. System to be provided with a suitable voltage stabilizer.
- 21. Warranty: 3 years comprehensive warranty

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3. Fully automated Nucleic Acid Purification System

- The nucleic acid purification system should be fully automated.
- 8 Inch built-in touch screen.
- The automated nucleic acid purification system should be benchtop type which can process 32 samples in single run.
- The instrument should have 2 plate positions.
- The system should be small instrument footprint, stable operation, safe and reliable.
- · Mixing & incubation should be done on-board.
- Purification sensitivity and recovery should be 98% or more.
- Sample volume should be processed from 20μL to 1000μL.
- Elution volume should be variable from 50μL to 100μL.
- Processing time should be less than 15 minutes for 32 samples in a single run.
- Temperature range should be RT+5 to 125 degC (Lysis) and RT+5 to 125 degC (Elution).
- HEPA filter should be available for environmental safety & no aerosol generators.
- · UV sterilization for decontamination inside system.
- Display should be LCD & in-built touch screen should be available for purification of nucleic acid protocol.
- Communication port RS232 port/USB port should be available.
- Internal memory should be for 100 protocols or more.
- Software with pre-loaded and multiple customized programs should be run without changing hardware.
- New customized programs can be created, edited & deletion.
- Automated nucleic acid extraction system should be compliant with CE/IVD.
- Noise should be <60db.
- Operational condition should be +5° C to +40° C; maximum relative humidity 80%.
- Instrument manufacturer(s) should have their own extraction kits (CE-IVD approved) & it should be fully automated prefilled format. The kit must be stable at room temperature. It should not require refrigeration for transportation & storage.
- A local service engineer should be available.
- Installation should be more than 50 similar extraction system in India (user list must be attached)
- Should have minimum 20 nos performance certificates similar extraction system.
- All the technical points will be qualified after wed demonstration of quoted model.
- Suitable online UPS should be supplied as accessories.
- Automated nucleic acid extraction system should be compliant with CE/IVD.
- Weight should note more than 35 kg
- Power 220-240V, 600W

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• Dimension should be 430x390x435±5 mm

• The warranty should be a minimum of 3 year and 5 years CMC.

· Accessories:

Suitable online UPS should be supplied as accessories.

• Five hundred preps for blood DNA extraction should be supplied in pre-filled format.

• WHO approved "ECOSAFE" user friendly disinfectant 5x500 ml should be supplied with machine

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12/11/2026

BOQ list To be filled online in MP tender portal

S.no	Item Name	Make	Rate	GST	Total
1	HPLC system for detection of haemoglobinopathies				
2	Centrifuge (Refrigerated)				
3	Fully automated Nucleic Acid Purification System		4		
4	5 YEARS ACMC cost after 3 year warranty for HPLC system for detection of haemoglobinopathies				
5	5 YEARS ACMC cost after 3 year warranty Centrifuge (Refrigerated)				
6	5 YEARS ACMC cost after 3 year warranty Fully automated Nucleic Acid Purification System				

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संस्था के समक्ष अधिकारी का नाम पता
संस्था का नाम एवं पता Page 14 of 14

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