

Sub: Inviting comment for objection about proprietary basis procurement -Reg.

The Institute is in process to purchase **Automated Nucleic Acid Extraction System** for **DIAMOnDS Project (Under Pathology Department)** for the Institute.

S. No.	Platform	PAC Certification by
1.	Automated Nucleic Acid Extraction System for DIAMOnDS Project (Under Pathology Department)	Promega Biotech India Private Limited

The PAC Certifications by Company and as well as user are attached.

The above documents with specifications and P-3 Certificate are being uploaded for open information and also to submit online objections, comments, if any from any manufacturer regarding proprietary nature of **Automated Nucleic Acid Extraction System for DIAMOnDS Project (Under Pathology Department)** giving Advt. reference No. KSSSCI/Tender- /2026-26. The comments should be received in the name of the Director, KSSSCI, Sultanpur Road, Lucknow-226002 on or before **27.01.2026 upto 04:00 pm**, failing which it will be presumed that any other vendor is having no comments, objections for above purchase on proprietary basis and case will be decided on merits.

1-Specification of items mentioned above.

2- PAC Certificate.



Equipment Name: Automated Nucleic Acid Extraction System

Name	Qty.	Specifications
Automated Nucleic Acid Extraction System	01	<p>1. An automated system designed for the extraction of contamination-free DNA and RNA from a wide range of sample types, including whole blood, cells, tissues, FFPE tissues, fecal samples, exosomes, circulating cell-free DNA (cfDNA) and RNA from plasma, miRNA from tissue, plasma, and serum, as well as viral nucleic acids from serum and plasma, using magnetic bead-based chemistry.</p> <p>2. System should extract genomic DNA from multiple sample types in a single run. Compatible sample types include whole blood, bone marrow, buccal swabs, tissues, and cells isolated from tissue cultures or various biological fluids such as urine and amniotic fluid.</p> <p>3. The system should utilize pre-filled reagent cartridges and paramagnetic particles, ensuring a fully automated process. Once the sample is loaded, no further manual intervention is required.</p> <p>4. The system should have a small footprint and built-in UV sterilization technology.</p> <p>5. The system should be capable of operating in both stand-alone mode and tablet/PC controlled mode.</p> <p>6. The system should be capable of processing a minimum of 16 or more samples in a single run and should also allow the processing of single sample without any wastage of consumables or plasticware.</p> <p>7. System should not use tips and liquid suction. The instrument should not involve any liquid transfer step to avoid sample cross-contamination.</p> <p>8. The system should provide a heated elution feature with an adjustable elution volume ranging from 30-100μl or better.</p> <p>9. The extracted nucleic acids should be of high purity and compatible with a wide range of downstream applications, including Sanger sequencing, Next Generation Sequencing (NGS), arrays, and digital PCR.</p> <p>10. The instrument should include an integrated quantitation platform for nucleic acid measurement, essential for assessing DNA/RNA yield after extraction. The quantitation system must be integrated with the automated nucleic acid extraction unit and feature software that records quantification data within the run report, along with sample tracking and method run details. The system should be sensitive enough to detect as low as 10 pg/μl of DNA and 100 pg/μl of RNA.</p> <p>11. Should offer pre-programmed methods for the kits for various sample types.</p> <p>12. Should be equipped with bar code reader facility.</p> <p>13. Should have integrated LCD/tablet display.</p> <p>14. The extractor should be upgraded free of cost during the warranty period in case a newer version of the software is released. If the updated software requires hardware upgrades (such as a computer, server, or newer Microsoft versions), the vendor must supply the compatible hardware at no additional cost.</p>



Equipment Name: Automated Nucleic Acid Extraction System

15.	All machine-specific consumables should be quoted separately, and their prices should be fixed for the next five years.
16.	The supplier should provide periodic maintenance and calibration services as per the requirements.
17.	A suitable online UPS should be provided with a battery backup of 1 hour.
18.	The extraction system should be certified by European CE and/ or US-FDA/ISO or Indian equivalent.
19.	The machine should have a comprehensive warranty for 5 years, and CMC for the next five years should be provided.
20.	Any recurring parts or consumables required for the routine maintenance of the equipment, as recommended by the OEM and not covered under the CMC, should be quoted separately, with their prices fixed for the next five years.
21.	A full warranty on each component of the machine, including accessories and third party supplied items, if any should be given for 5 years and CMC should be quoted for 5 years.


Dr. Deepti Mishra
Chairperson


Dr. Shreshtha Ghosh
Member


Dr. Priyanka Sameer
Member


Dr. Ram Nawal
External Expert

JD(MM)

F&AO / Nominee

Director / Nominee
(Appended CP-14)

Kalyan Singh Super Specialty Cancer Institute

कल्याण सिंह अति विशिष्ट कैंसर संस्थान

C.G. City ,Sultanpur Road, Lucknow-226002

सी०जी० सिटी, सुल्तानपुर रोड, लखनऊ- 226002

(An Autonomous Institute of the Govt. of Uttar Pradesh)

(उत्तर प्रदेश सरकार का स्वायत्तशासी संस्थान)

Email: procurement.ksssci@gmail.com

Proprietary Article Certificate (PAC) for Items/Goods

(1) The indented goods are manufactured by
M/s. Promega Corporation, USA

(2) No other make or model is acceptable for the following reasons:

- Paramagnetic particle technology
- Zero liquid handling
- 0.1 - 1.6 sample flexibility in a single run

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(Signature of Indentor)
Dr. Deepa Mishra
Principal Investigator
DIAMOnDS Project
Kalyan Singh Super Specialty
Cancer Institute, Lucknow

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.....
.....

(Signature of HOD)
Dr. Deepa Mishra
Additional Professor
Department of Pathology and Cancer Genetics
KSSSCI, Lucknow

Department of Pathology & Cancer Genetics

Kalyan Singh Super Specialty Cancer Institute

कल्याण सिंह अति विशिष्ट कैसर संस्थान

C.G. City, Sultanpur Road, Lucknow-226002

सी0जी0 सिटी, सुल्तानपुर रोड, लखनऊ-226002

(a)

PROPRIETARY/ SPECIFIC BRAND GOODS CERTIFICATE

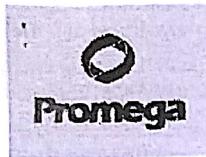
1	Item/ Type/ Model No. required along with specification	Automated Nucleic Acid Extraction System/Maxwell® RSC System, Cat No. AS4500. Specifications are separately attached.
2	If the item a spare part attachment or accessory for an existing equipment Yes / No (If Yes, provide details)	No
3	Name of the manufacturers/supplier of the item proposed by the indenter	Manufacturer: Promega Corporation, USA Indian Subsidiary: Promega Biotech India Pvt. Ltd.
4	Are they sole manufacturers/ sold distributors of the Item Yes / No	Yes Promega is the sole manufacturer of Maxwell® RSC System. The system is sold exclusively through Promega India or its authorized distributors.
5	If there any other item with similar/equivalent specification available in the market to meet the job requirement envisaged. Yes / No (If Yes, explain why those alternatives cannot be procured and provide a comparative analysis of the functional advantages/cost-effectiveness of the recommended item)	No
6	Efforts made to locate alternative sources of supply or use of substitutes	It was found that no other manufacturer offers a system with equivalent proprietary specifications including sealed pre-filled cartridges, paramagnetic particle technology, zero liquid handling, and 1-to-16 sample flexibility. No alternative supplier could meet the core mandatory functional parameters.
7	Why open tender can't be resorted to, for locating alternative source.	The required specifications are proprietary to Promega, as acknowledged in the Proprietary Certificate. Since no other OEM produces an equivalent system, issuing an open tender would not create valid competition.
8	Are the proprietary items certified to have reasonable rates? Yes / No (Attach supporting documents, if applicable)	Yes. Supporting documents include: 1. AIIMS Authorized supplier quotation 2. CMC price breakdown for 8 years These demonstrate transparent and standardized pricing across India.
9	Any other justification for procuring the item from a single source	The Maxwell RSC system's technology, reagents, consumables, and software ecosystem are proprietary and interdependent—ensuring validated performance for diagnostic use. Therefore, single-source procurement is

	technically justified and essential for ensuring accuracy, safety, and compliance in nucleic acid extraction workflows.
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I hereby certify that the above item is required to be procured on a proprietary/single-source basis, as the specified brand is the only known source that meets our functional requirements. Given the unique advantages of this brand, an open tender process would not serve any meaningful purpose in this case and can justifiably be waived.

(strike out whoever is not applicable)


Head of the Department
Dr. Deekshi Mishra
Additional Professor
Department of Pathology and Cancer Genetics
KSSSCI, Lucknow



Promega Biotech India Private Limited
Unit No S-114, Salcon Aurum, Jasola District Centre
New Delhi - 110044 INDIA
Tel : +91 43005815, 43005816, 43005817
Fax : +91 41035028



Date: December 12th, 2025

To Whom IT May Concern

Proprietary Certificate

This is to certify that Promega Corporation is the design owner and sole source manufacturer of the Maxwell RSC System (Cat No AS4500) and same is our proprietary item. The Maxwell RSC System is sold exclusively by Promega Corporation, which is located at 2800 Woods Hollow Road, Madison WI 53711, USA or through its Global Branches or authorized distributors.

The Maxwell RSC System is a Platform for Automated DNA Extraction of wide range of sample types and instrument combines the following features in a single platform:

- Maxwell RSC System is a Paramagnetic Particle Mover and does not use tips and does not involve any liquid transfer step. There is No Detectable Cross Contamination between the samples.
- Maxwell RSC System should extract genomic DNA from multiple sample types in a single run. Compatible sample types include whole blood, buffy coat, bone marrow, buccal swabs, tissues, and cells isolated from tissue cultures or various biological fluids such as urine and amniotic fluids.
- use cartridges pre-filled with reagents and paramagnetic particles. After Loading the sample, further no manual intervention is required.
- Automated processing of 1 to 16 samples per run and can run a single sample without any wastages.
- Flexibility in elution Volume from 30-100ul.
- Integration with the Promega Quantus™ Fluorometer allows extracted nucleic acid quantification measurements to be captured in the run report.
- Used successfully in challenging sample types like Fungal and Fecal DNA and RNA Extraction. Also can provide the Sequential Extraction for DNA and RNA from FFPE Tissues. Fully automation for ccfDNA Extraction from 4.5 ml plasma samples.

Yours faithfully,



Authorized Signatory

Registered Office: Vasaikar House, 296 Cadell Road, Dadar (W), Mumbai – 400028, Maharashtra, INDIA
Corporate Identity Number: U51102MH2013PTC248556



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To Whosoever It May Concern

This is to certify that Promega Biotech India Private Limited, date of incorporation 25th September 2013, having its office at Unit No. S-114, Salcon Aurum Building, Jasola District Centre, New Delhi – 110044, India is a subsidiary of M/s, Promega Corporation, USA.

Thanking You,

For Promega Corporation

Dilip Kumar, GENERAL COUNSEL

Authorized Signatory



ALL INDIA INSTITUTE OF MEDICAL SCIENCES
ANSARI NAGAR, NEW DELHI-110029
Stores Section (DO)

(6)

Tender Ref. 02/SO(DO)/Path/PAC/25-26/M&E

Dated:-07/05/2025

Subject: - Procurement of Automated Nucleic Acid Extraction System-Qty. - 01 No". on Proprietary basis for the department of Pathology..

The request has been received from department of Pathology for "Automated Nucleic Acid Extraction System-Qty. - 01 No." on PAC basis" form M/s Promega Biotech India Pvt. Ltd. on Proprietary basis along with technical specifications, OEM Propriety Certificate and Departmental PAC Certificates.

The above documents are being uploaded for open information to submit objection, comments, if any, from any manufacturer or their authorized distributor regarding proprietary nature of equipment /item within issue of 15 days giving tender reference No. 02/SO(DO)/Path/PAC/25-26. The Comments should reach to the office of Sr. Store Officer (DO), Stores Section (DO), 1st Floor Animal House Building, Near Gate No.02, AIIMS New Delhi-110029 on or before 22/05/2025 up to 04:00 p.m. failing which it will be presumed that any other vendor is having no comment to offer and case will be decided on merits.

7/5/25

Sr. Stores Officer (DO)

Enclose: related documents

1. PAC Certificate
2. Technical Specifications
3. Performa Invoice

Automated Nucleic acid Extraction System on Proprietary Basis

Quantity -1

GTE Exemption -YES

Approximate Cost – 30 lakh (Life cycle 100 lakhs)

45

1. An automatic system for extraction of contamination-free DNA, RNA from a range of sample types. Such as Whole Blood, Cells, Tissue, FFPE Tissue, Fecal Samples, Exosome Isolation, Circulating Cell Free DNA and RNA from Plasma, miRNA from Tissue, Plasma and Serum & viral total nucleic acid (RNA and DNA) from serum, plasma using magnetic bead-based chemistry.
2. System should extract genomic DNA from multiple sample types in a single run. Compatible sample types include whole blood, buffy coat, bone marrow, buccal swabs, tissues, and cells isolated from tissue cultures or various biological fluids such as urine and amniotic fluid.
3. System should be of a small footprint.
4. System should use cartridges Pre-Filled with reagents and paramagnetic particles, once the sample is added, no further manual intervention is required.
5. System should work in stand-alone mode and/or Tablet / PC controlled mode.
6. System should be capable of processing minimum 16 or more samples in single run and should be capable to process single sample with no wastage of consumables/plasticwares.
7. System should not use tips and liquid suction. Instrument should not involve any liquid transfer step to avoid sample cross contaminations.
8. Elution should be heated with provision of 30-100 μ l or better.
9. Extracted Nucleic acid should be of high purity and should be compatible with wide range of downstream applications such as Sanger and Next Generation Sequencing (NGS), arrays and digital PCR.
10. The instrument should come along with quantitation platform for nucleic acid quantitation necessary after isolation of DNA/RNA & Quantitation System should be integrated with the automated Nucleic Acid Extraction System. Integrated software that allows for extracted nucleic acid quantification measurements captured in the run report along with sample tracking and method run data. Quantitation system should be sensitive enough to detect 10 pg / μ l of DNA & 100pg / μ l RNA.
11. Should have in-built UV sterilization.
12. Should offer pre-programmed methods for the kits for various sample types.
13. Should be equipped with bar code reader facility.
14. Should have LCD / tablet display
15. All machine specific consumable should be quoted separately and price to be fixed for next 10 year

Dr. Nadeem Tanveer
Professor
Department of Pathology
UCFHS & GFB Hospital

(3)

16. The computer should be upgraded freely during the warranty period, if any newer version of software launch. If the newer version of software require hardware up gradation (computer/server/Microsoft newer version) the vendor will supply the compatible hardware also without any additional cost.
17. The machine should have comprehensive warranty for 2 year and CMC for eight year should quoted separately
18. Any recurrent part/ consumable required for routine maintenance of the equipment as suggested by OEM and not covered in CMC should be quoted separately and the price 19. would be fixed for next 10 years.
20. A suitable online UPS should be provided with battery backup of 30minutes
21. A full warranty on each component of the machine including accessories and third-party supplied items if any should be given for 2 years and CMC should be quoted for 8 years
22. The machine should be certified by European CE/ ISO/ US-FDA or Indian equivalent.
23. The supplier should provide periodic maintenance services as per the requirement of NABL

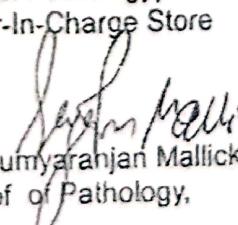

Dr. Sandeep Mathur
(Prof. of Pathology)
AIIMS


Dr. Shipra
Dept of Pathology,
AIIMS

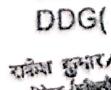

Dr. Namrata Makkar,
Representative of Med.
Superintendent, AIIMS


Prof. Briti
LHMC, New Delhi


Dr. Prasenjit Das
(Prof. of Pathology)
Officer-In-Charge Store
AIIMS


Dr. Saumyaranjan Mallick,
Dept of Pathology,
AIIMS


A representative from DGHS
Sh. Rakesh Kumar
DDG (Stat)


Sh. Rakesh Kumar
DDG (Stat)
DGHS/RAKESH KUMAR
Deputy Director/Deputy Director General (Stat)
DGHS
Tenth Floor, Sector 10, Pusa Road
Ministry of Health & Family Welfare
Ministry of Health & Family Welfare
Government of India
Plot No. 1, Pusa Road, New Delhi


Dr. Sudheer Arava,
Prof, Dept of
Pathology,
AIIMS

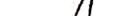

Dr. Ashutosh Halder
Prof. & HOD,
Reproductive Biology
AIIMS


Prof. Nadeem Tanveer,
UCMC, Delhi NCR
Dr. Nadeem Tanveer
Professor
Department of Pathology
UCMS & GTB Hospital

ALL INDIA INSTITUTE OF MEDICAL SCIENCES ANSARI NAGAR, NEW DELHI 110029
PORPRIETORY/ARTICLE CERTIFICATE (PAC) Machinery & Equipment

(i)	The indented goods are manufacture by	Promega Biotech
(ii)	Item Name	Maxwell RSC instrument
(iii)	Model No.	AS4500
(iv)	Vital Technical Performance Parameters required which makes the requirement proprietary	The Promega Maxwell RSC System uses paramagnetic particle technology with pre-filled reagent cartridges, ensuring no liquid transfer or cross-contamination. It automates processing for 1 to 16 samples, minimizing no reagent and plastic waste, while extracting high-quality DNA from diverse sample types in a single run. Integration with the Fluorometer allows nucleic acid quantification.
(v)	No other make or model is acceptable for the following reasons	Flexibility to run single sample without waste of reagents and plasticwares for any sample types like CCF, miRNA, Fecal samples and also can run multiple sample (whole blood, buffy coat, bone marrow, buccal swabs, tissues, and cells isolated from tissue-cultures or various biological fluids such as urine and amniotic fluid)

It is certified that market survey has been done and found that no other manufacturer is manufacturing similar/equivalent specifications which can fulfil the vital requirements of end user


Signature of Indenter

(Demanding Officer)

COUNTERSIGNED (Head of Department)

Note 1: TSEC should clearly mention the vital functional parameters requirements which end user essentially require and are manufactured by only one manufacturer mentioned in serial no. (i).



Promega Biotech India Private Limited
Unit No S-114, Salcon Aurum, Jasola District Centre
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Tel : +91 43005815, 43005816, 43005817
Fax : +91 41035028

9

Date: 23rd October, 2024

To Whom It May Concern

Proprietary Certificate

This is to certify that Promega Corporation is the design owner and sole source manufacturer of the Maxwell RSC System (Cat No AS4500) and same is our proprietary item. The Maxwell RSC System is sold exclusively by Promega Corporation, which is located at 2800 Woods Hollow Road, Madison WI 53711, USA or through its Global Branches or authorized distributors.

The Maxwell RSC System is a Platform for Automated DNA/RNA Extraction of wide range of sample types and instrument combines the following features in a single platform:

- Maxwell RSC System is a Paramagnetic Particle Mover and does not use tips and does not involve any liquid transfer step. There is No Detectable Cross Contamination between the samples.
- Maxwell RSC System use cartridges pre-filled with reagents and paramagnetic particles.
- Automated processing of 1 to 16 samples per run and can run single sample without wastage of reagents and plasticware.
- Maxwell RSC System can extract high-quality DNA from different sample type like whole blood, buffy coat, bone marrow, buccal swabs, cells and tissues simultaneously in a single run.
- Pre-loaded processing protocols.
- System controlled by Graphical User Interface running on a tablet PC.
- UV lamp to aid in decontamination of instrument.
- Integration with the Promega Quantus™ Fluorometer allows extracted nucleic acid quantification measurements to be captured in the run report.

Yours faithfully,



Authorized Signatory

Registered Office: Vasaikar House, 296 Cadell Road, Dadar (W), Mumbai – 400028, Maharashtra, INDIA
Corporate Identity Number: U51102MH2013PTC248556



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Promega Biotech India Private Limited
Unit No S-114, Salcon Aurum, Jasola District Centre
New Delhi - 110044 INDIA
Tel : +91 43005815, 43005816, 43005817
Fax : +91 41035028

Date : Jan 02nd, 2023

TO WHOM IT MAY CONCERN

We Promega Biotech India Private Limited, is a subsidiary of Promega Corporation, Located at: S-114, Salcon Aurum, Jasola District Centre, New Delhi – 110044 (India) who are established and reputed manufacturers, do hereby authorize "M/s. Cella Solutions at G-3/23 First Floor, Model Town-3, Delhi 110009" for Promega Products on our behalf to submit bid, Negotiate, receive Purchase order, supply the material.

Authorization is valid till 31st March 2025.

Yours truly,

For Promega Biotech India Private Limited:



Authorised Signatory

Registered Office: Vasaikar House, 296 Cadell Road, Dadar (W), Mumbai - 400028, Maharashtra, INDIA

Corporate Identity Number: U51102MH2013PTC248556



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Quotation

To, Head of Department Department of Pathology All India Institute of Medical Sciences Delhi-110029	Quotation No 24-25/AIIMS/001234/CS Date: 21-11-2024
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S.N.	Car no.	Description	Size	Special Price	Qty	Total Price (INR)	GST %	Total Price (INR)
1	AS4500	Maxwell® RSC Instrument (Automated DNA or RNA Extraction with Integrated Quantification) Includes A. Maxwell® RSC Instrument B. Tablet PC preloaded with Maxwell® RSC Application Software C. USB Cable - Maxwell® RSC Instrument to Tablet PC D. Power Cable for Maxwell® RSC Instrument E. Power Cords for Tablet PC F. Maxwell® RSC/CSC Deck TrayG. Quantus™ Fluorometer and accessories H. Tablet PC Holder I. USB cable - Maxwell® RSC Instrument to Quantus™ Fluorometer UV Bulb (installed) with 2 years warranty	1 unit	22,50,000.00	1	22,50,000.00	18%	26,55,000.00
Total (INR)								26,55,000.00
Round Off (INR)								26,55,000.00

Terms & Condition

Validity: This quote is valid for 3 months

Payment: Against Delivery

Delivery: 4-6 weeks after receiving formal order copy



Special Term & Condition :

Shipping Conditions: POR, Road permit will be provided by buyer's if require.
 The terms and conditions indicated herein including delivery period, prices, products, catalog nos etc may change depending on final confirmation of the same by our principal(s) or on review by us. This Quotation is an indicative form issued in due course of business and not a legal contractual obligation.

✓



CELLASOLUTIONS

THE LIFE SCIENCE PARTNER FOR YOUR NEEDS

www.cellasolutions.in
info@cellasolutions.in

GST NO. - 07AEDPV4185L12

To,

Date: 21/11/2024

The Head of Department

Department of Pathology

All India Institute of Medical Sciences

New Delhi-110029

Subject: CMC Prices

Dear Sir/Mam.

In reference to the quotation 24-25/AJIMS/001234/CS. Dated 21/11/24 for Maxwell RSC instrument, please find the CMC prices mentioned below post 2 years warranty prices.

CMC	IN INR
1st Year post initial warranty	1,80,000.00
2nd Year post initial warranty	1,80,000.00
3rd Year post initial warranty	1,80,000.00
4th Year post initial warranty	1,80,000.00
5th Year post initial warranty	1,80,000.00
6th Year post initial warranty	1,80,000.00
7th Year post initial warranty	1,80,000.00
8th Year post initial warranty	1,80,000.00

GST would be extra as per applicable

Thanking You.



Add: G-3/23, 1st Floor, Model Town-III, Delhi-110009
E-mail: info@cellasolutions.in • M.: +91-9654007170, 9818987808



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