

ALL INDIA INSTITUTE OF MEDICAL SCIENCES
ANSARI NAGAR, NEW DELHI-29.
STORES SECTION (DO)

Ref. No. 16/Stores(DO)/Anat/PAC/2019-20/FSC Dated-05/10/2019

Sub:- Purchase of "Automated Nucleic Acid Extraction System – 01 No." for the Department of **Anatomy** at AIIMS, New Delhi-110029, on proprietary basis inviting comments thereon.

The Institute is in the process to purchase "Automated Nucleic Acid Extraction System – 01 No. at AIIMS, New Delhi from M/s. Promega Corporation, USA through M/s. Cella Solutions, New Delhi. The PAC Certifications by M/s. Promega Corporation, USA as well as the user department are attached.

The above documents are being uploaded for open information to submit objections, comments, if any, from any manufacturer regarding proprietary nature of the equipment/item within 15 day from the date of issue/uploading of the notification giving reference No. 16/Stores(DO)/Anat/PAC/2019-20/FSC. The comments should be received in office of Stores Officer (FSC), Store Section (DO), Animal House Building, Near Biotechnology Building at AIIMS on or before 25/10/2019 upto 12.30 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.

Yours faithfully,


SR. STORES OFFICER (DO)

Encl: Related documents enclosed.

ALL INDIA INSTITUTE OF MEDICAL SCIENCES
ANSARI NAGAR, NEW DELHI - 110029

(1)

Proprietary Article Certificate (PAC) (Machinery & Equipment)

- (i) The indented goods are manufacture by M/s..... Promega Corporation USA
- (ii) Item Name: Nucleic Acid Extraction System.
(Maxwell® RSC instrument).
- (iii) Model No: AS 4500
- (iv) Vital Technical Performance Parameters required which makes the requirement proprietary ## ① This system has cartridges prefilled with purification reagents (reagents) & paramagnetic particles ready for sample processing
- (v) No other make or model is acceptable for the following ② It has an intuitive graphical interface - makes instrument very easy to use & has an integrated fluorometer & thus can collect purification & quantification data in one reading/report. @ has built in software.
- ① This system (Maxwell® RSC) is a magnetic particle based automated system. It is not a liquid handler & thus offers advantages over other systems. There is minimal risk of cross contamination as there is no liquid handling reasons: a. separating during sample processing. The integrated fluorometer is sensitive enough to detect 10 pg/ul of DNA. - miRNA extraction can be performed from plasma & serum samples only on this system.

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

डॉ. अमित लथवाल / Dr. Amit Lathwal
 सह आचार्य / Associate Professor
 रील प्रशासन विभाग / Dept. of Hospital Administration
 अखिल भारतीय आयुर्विज्ञान संस्थान/AIIMS
 शरीर रचना विभाग / Dept. of Anatomy
 आ.भा.आ.सं., नई दिल्ली/Ansari Nagar, New Delhi-29

डॉ. रीमा दादा / Dr. Rima Dada, MD, PhD (GENETICS)
 आचार्य / Professor
 अणु प्रजनन & जेनेटिक्स विभाग / Dept. of Molecular Reproduction & Genetics Facility
 आ.भा.आ.सं., नई दिल्ली / A.I.I.M.S., New Delhi-29

Signature

Signature of TSEC

With Name, Designation, Department and Hospital/Institute/DGHS

##Note: 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).

डॉ. पुनीत कौर / Dr. Punit Kaur
 आचार्य एवं अध्यक्ष / Professor & Head
 भौतिक विज्ञान विभाग / Dept. of Biophysics
 आ.भा.आ.सं., नई दिल्ली / A.I.I.M.S., New Delhi-29

डॉ. रणु धिंग्रा / Dr. Renu Dhangra
 आचार्य / Professor
 शरीर रचना विभाग / Dept. of Anatomy
 आ.भा.आ.सं., नई दिल्ली-110029
 A.I.I.M.S., New Delhi - 110029

डॉ. टी.एस. रॉय / Dr. T.S. ROY, MD PhD
 आचार्य एवं अध्यक्ष / Professor & Head
 शरीर रचना विभाग / Dept. of Anatomy
 आ.भा.आ.सं., नई दिल्ली, भारत/AIIMS, New Delhi, India

Approx cost (3)
20 lakh.
By

Specifications for Automated Nucleic Acid Extraction System

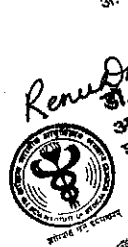
- An automatic system for extraction of contamination-free DNA, RNA from a range of sample types, Such as Whole Blood, Cells, Tissue, FFPE Tissue & Circulating Cell Free DNA and RNA from Plasma & viral total nucleic acid (RNA and DNA) from serum, plasma using magnetic bead based chemistry.
- System should use cartridges Pre-Filled with reagents and paramagnetic particles
- System should work in stand-alone mode and/or Tablet / PC controlled mode.
- System should be capable of processing 1 to 16 or more samples in per run.
- System should not use tips and liquid suction. Instrument should not involve any liquid transfer step to avoid sample cross contaminations.
- Elution should be heated with provision of 30-100 μ l or better.
- 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.
- System should be provided with integrated fluorometer for Nucleic Acid quantitation
- Should have in-built UV sterilization.
- Should offer pre-programmed methods for the kits for various sample types.
- Should be equipped with bar code reader facility.
- Should have LCD/tablet display panel.
- Kindly quote the kits for following sample types :-
 - Circulating Cell Free DNA from Plasma Samples
 - Circulating Cell Free RNA from Plasma Samples
 - miRNA Extraction from Tissue Sample
 - DNA Extraction from Whole Blood, Cultured Cells, Tissue, FFPE, Buffy Coat, Stabilized Saliva, Buccal Swab
 - RNA Extraction from Blood, Tissue, Cells, FFPE
 - Viral Total Nucleic Acid Purification Kit
- These kits should be provided free of cost RNA Extraction from Blood, sperm and seminal plasma(96 each), miRNA Extraction Kit(192 samples)

This is not available meeting held on 27/5/19
on GEM with some specifications
Members of Departmental Purchase Committee

1. Dr. T.S. Roy, Head, Deptt. Of Anatomy
2. Dr. A. Shariff, Prof. Deptt. Of Anatomy
3. Dr. P. Kaur, Prof., Deptt. Of Biochemistry
4. Dr. P. Kaur, Prof., Deptt. Of Biophysics
5. Dr. A. Lathwal, Assoc. Prof., Deptt. Of Hospital Administration
6. Dr. Rima Dada, Prof., Deptt. Of Anatomy

Sharma

डॉ. ए. शरीफ
आचार्य एवं अध्यक्ष / Professor & Head
शरीर रचना विज्ञान विभाग / Dept. of Anatomy
अ.भा.आ.सं., नई दिल्ली, भारत / A.I.M.S., New Delhi - 110029



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डॉ. टी.एस. रॉय / Dr. T.S. ROY, MD PhD
आचार्य एवं अध्यक्ष / Professor & Head
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अ.भा.आ.सं., नई दिल्ली, भारत / A.I.M.S., New Delhi, India



डॉ. रिमा दादा / Dr. RIMA DADA, MD, PhD (Genetics)
प्रोफेसर / Professor
प्रजनन एवं आनुवंशिकी विभाग / Department of Reproduction & Genetics
अ.भा.आ.सं., नई दिल्ली-110029 / All India Institute of Medical Sciences, Ansari Nagar, New Delhi-110029

डॉ. कास्पना लुथरा / Dr. Kaspana Luthra (Ph.D)
प्रोफेसर / Professor
आनुवंशिकी विभाग / Department of Biogenetics
अ.भा.आ.सं., नई दिल्ली-110029 / All India Institute of Medical Sciences, New Delhi-110029



Promega Biotech India Private Limited
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New Delhi - 110044, INDIA
Tel : +91 43005815, 43005816, 43005817
Fax : +91 41035028

Date : 30 May 2019

To
The HOD
Department of Anatomy
All India Institute of Medical Sciences
Ansari Nagar
New Delhi - 110029

Sub: Proprietary Certificate

Dear Sir,

This is to certify that the Maxwell RSC System (Cat No. AS4500) are manufactured solely by Promega corporation USA and are Proprietary items of Promega Corporation.

Below are the proprietary articles of the system

1. Maxwell RSC System use cartridges Pre-Filled with reagents and paramagnetic particles and does not use tips and liquid suction. Instrument does not involve any liquid transfer step to avoid sample cross contaminations.
2. Maxwell RSC System is integrated with the Fluorometer for Nucleic Acid Quantification.
3. Maxwell RSC can extract **Circulating Cell Free DNA and Circulation Cell Free RNA** from plasma sample around 60 min for Oncological Studies.
4. Maxwell RSC System can extract miRNA from Tissue around 45 min.
5. Maxwell RSC system has the provision for heated elution with variable amount of elution buffer, 30-100 µl or better.
6. Maxwell RSC system has the provision to integrate fluorometer for Nucleic Acid Quantification.
7. Maxwell RSC system has in-built UV sterilization.
8. Maxwell RSC System can be equipped with bar code reader facility.

Yours truly,

For Promega Biotech India Private Limited



Authorized Signatory

Dr. RIMA DATTA, M.D. (Genetics)
Professor
Laboratory for Molecular Reproduction & Genetics

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

Corporate Identity Number: U51102MH2013PTC248556



9)

Promega Biotech India Private Limited
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New Delhi - 110044. INDIA
Tel : +91 43005815, 43005816, 43005817
Fax : +91 41036028

Date :30.05.2019

MANUFACTURER'S AUTHORISATION FORM

The 'Director'
All India Institute of Medical Sciences
Ansari Nagar, New Delhi-110029, India.

Dear Sir,

Ref: Your TE document No.Maxwell RSC Instrument

We, Promega Biotech India Private Limited who are proven and reputable manufacturers of Cat No. AS4500 # Maxwell® RSC Instrument having factories at 2800 Woods Hollow Road, Madison, Wisconsin, USA, hereby submit a bid, process the same further and enter into a contract with you against your requirement as contained in the above referred TE documents for the above goods manufactured by us.

We also state that we are not participating directly in this bid for the following reason(s): As per the company Policy

We further confirm that no supplier or firm or individual other than Messrs. Cella Solutions is authorised to submit a bid, process the same further and enter into a contract with you against your requirement as contained in the above referred TE documents for the above goods manufactured by us.

We also hereby extend our full warranty, CAMC as applicable as per clause 15 of the General Conditions of Contract, read with modification, if any, in the Special Conditions of Contract for the goods and services offered for supply by the above firm against this TE document.

We also hereby confirm that we would be responsible for the satisfactory execution of contract placed on the authorized agent and the spares for the equipment shall be available for at least 10 years from the date of supply of equipment.

We also confirm that the price quoted by our agent shall not exceed the price which we would have quoted directly"

Yours truly,

For Promega Biotech India Private Limited



Anupam Chaurasia
(Territory Account manager)
E Mail – Anupam.chaurasia@promega.com
Contact No. 9212467719
Office No. : 011- 43004815

Dr. RIMA DATTA, MSc PhD (Genetics)
Professor
Laboratory for Molecular Reproduction & Genetics
Department of Anatomy

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