

All-India Institute of Medical Sciences
Ansari Nagar, New Delhi-29
(RESEARCH SECTION)

Ref. No. 36/Prop/Uro/PS/2019-20/RS

Dated: 14.01.2020

Subject: Purchase of Bioanalyser System for the Deptt. of Urology, AIIMS, New Delhi-29 on proprietary basis- Inviting comments thereon.

The request has been received from Dr. Prabhjot Singh, Deptt. of Urology, AIIMS to purchase the subject item from **M/s LCGC Life Sciences LLP (Mfg. by M/s Agilent Technologies Inc., Germany)** on proprietary basis. The proposal submitted by **M/s LCGC Life Sciences LLP** and Performa Invoice and Departmental PAC certifications 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 issue of 15 days giving reference **No. 36/Prop/Uro/PS/2019-20/RS**. The comments should be received by office of Stores Officer (RS), Research Section at AIIMS on or before **29/01/2019 upto 12:00 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.

STORES OFFICER (RS)

Encl: Related documents enclosed.

- 1. PAC Certificate enclosed.**
- 2. Performa Invoice**

Justification for the purchase of Bioanalyser

The Project entitled (Clinico-Genetic prognostic signatures for development of metastatic Castration Resistant Prostate Cancer, Project code – I-1085) sanctioned by ICMR requires high quality analysis of DNA sequences. Bioanalyser is required for quality check of the genomic DNA cell free DNA and DNA libraries prepared for Next Generation Sequencing.

Bioanalyser is having microfluidics technology for the analysis of biological samples which enables high resolution separation and quantification of DNA with sensitivity as low as 0.1ng/μL. The system also has unique RNA Integrity Number (RIN) algorithm for unbiased total RNA integrity assessment. The Bioanalyzer Expert Software offers a color-coded result flagging tool, an easy-to-use rule-defined system for automated QC and data evaluation and seamless data integration across platforms and projects.


Dr. PRASHANT SINGH
Associate Professor
Department of Pathology
A.I.I.M.S., New Delhi-29

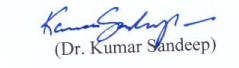


Dr. KUMAR SANDEEP
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Dr. B.R.A. (ICR), (AIIMS)
Anand Nagar, New Delhi-110028



DEPT. OF UROLOGY, AIIMS, NEW DELHI

Specifications for Bioanalyzer System

1. The system should be an automated analyser based on microfluidics, capable to run on chip electrophoresis solution for the sample quality control of biomolecules.
2. The system should integrate an instrument, data processing software, reagents, and a microfluidic chip specific for DNA, RNA, or protein analysis.
3. The system should perform sample loading, processing & analysis with zero cross contamination between samples. System should use separate tips for different samples.
4. System should offer replaceable electrode cartridges that can be easily exchanged for contamination-free switching between methods.
5. The system should feature minimum exposure to hazardous materials to ensure operator safety.
6. System must use RNase-free reagents and chips to avoid sample degradation during analysis.
7. The system software must have flexibility to compare samples across multiple chips.
8. System should not use mineral oil external/internal nitrogen cylinder for running the system. The system must not use any mineral oil.
9. System shall have RNA quality check with RIN, offering total RNA, mRNA and Small RNA's data including RIN algorithm (RNA Integrity Number)
10. The data of biochemical analysis should be in digital form for convenient analysis, archiving and storage.
11. Colour coded result flagging tool in the software shall be available
12. System should come with various data-display options as gel view, electropherograms and tables.
13. System should be supplied with branded laptop having minimum 8 GB RAM, Intel I7 8th Generation processor, 1TB memory, full HD display.
14. System should be compliant with European RoHS directives.
15. System should come with minimum warranty of 5 years.
16. All software updates should be provided free of cost during Warranty period.


Dr. PRASHANT SINGH
Additional Professor
Department of Urology
A.I.I.M.S., New Delhi-28


(Dr. Kumar Sandeep)
 डॉ० कुमार सदीप/Dr. KUMAR SANDEEP
वैज्ञानिक-II/Scientist-II
संश्लेषण और कोशिका विभाग/Dept. of Preventive Oncology
डा.बी.आर.ए., आई.आर.सी.एच., अ.ग.आ.सं.
Dr. B.R.A., IRCH., (AIIMS)
असतो नगर, नई दिल्ली/Anasoo Nagar, New Delhi-110029


(Dr Deepak Pandey)
 डॉ. दीपक पाण्डे
Dr. DEEPAK PANDEY
वैज्ञानिक-II/Scientist-II
जनक प्रजनन विभाग/Dept. of Reproductive Biology
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Find an Agilent customer center in your country:

<http://www.agilent.com/chem/contactus>

Proprietary Certificate

The following features ensure the Agilent 2100 Bioanalyzer instruments (models G2939A or G2938C) sold with Part numbers G2939AA, G2940CA, G2943CA, or G2938C, are proprietary items manufactured by Agilent Technologies:

- The 2100 Bioanalyzer system uses microfluidics technology for the analysis of biological samples.
- The 2100 Bioanalyzer system enables high resolution separation and quantification of DNA, with sensitivity as low as 0.1 ng/ μ L.
- Unique RNA Integrity Number (RIN) algorithm is included for unbiased total RNA integrity assessment.
- The 2100 Bioanalyzer system uses user-replaceable electrophoresis cartridge.
- The G2938C model may be easily upgraded for flow applications with an exchangeable flow cytometry cartridge.
- Agilent offers dedicated kits for highly sensitive analysis during NGS and miRNA sample processing.
- Agilent offers system validation services (IQ & OQ) and an expandable feature for 21 CFR part 11 compliance.
- The Bioanalyzer Expert Software offers a color-coded result flagging tool, an easy-to-use rule-defined system for automated QC and data evaluation.
- The Bioanalyzer Expert Software allows quick comparison of up to 48 samples within one chip or across multiple chips.
- The Bioanalyzer Expert Software offers native XML export for seamless data integration across platforms and projects.

The Agilent 2100 Bioanalyzer system is covered by the following patents: USRE39527E1, US8346486B2, JP4664280B2, DE10315581B4, US6353475B1, US6504607B2, EP1187677B1, US6811668B1, and US7449096B2.

Agilent Technologies is the sole manufacturer of the 2100 Bioanalyzer system and this product is not manufactured by any other firm in India / Abroad.

Melissa Huang Liu, Ph.D.
Product Manager
2100 Bioanalyzer System & Consumables



Agilent Technologies



G2939-90100

Part Number: G2939-90100

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Bio Molecule Analysers & Reagents

Quotation

To,
Dr. Prabhjot Singh,
Dept. of Urology, AIIMS
New Delhi

LCGC Ref. No : AIIMS-IRCH-SK-301119BA
Date : 30-11-2019

Subject-Quotation for supply of Bioanalyzer 2100 System

Dear Sir,

Reference to your valuable enquiry please find below special price quote for your kind consideration

Sl. No.	Cat. No.	Item and Specification	Qty	Special Price (INR)	GST @5 %	Extended Price after Tax (INR)
1	G2939AA	Agilent 2100 Bioanalyzer System HSN Code: 90275090 <i>The Agilent 2100 Bioanalyzer system offers fast and reliable separation, sizing and quantification of DNA, RNA and proteins by miniaturized on-chip electrophoresis surpassing labor intensive slab gels by speed, reproducibility and independence from user influences.</i> <ul style="list-style-type: none">➤ Industry standard for DNA quality control in next generation sequencing workflows.➤ RNA Integrity Number (RIN) is the gold standard for RNA integrity measurements.➤ Highest sensitivity with detection in the picogram range for DNA, RNA, and protein analysis.➤ Highest assay accuracy and precision.➤ Minimal sample consumption (1 µL for nucleic acids and 4 µL for diluted proteins) with results in as little as 25 minutes.➤ Digital data with various data display options – gel view, electropherograms, and tables – allows convenient analysis, archiving, and simple comparison of samples from multiple chips.➤ Multiple exportable data formats (xml, csv, html, pdf, wmf, jpg, tif, bmp,aia).➤ Minimum exposure to hazardous materials.	1	15,23,800.0	76,190.00	15,99,990.0
2	XXXX	Branded compatible laptop	1	Inclusive		Inclusive
3	XXXX	1 KVA Online UPS	1	Inclusive		Inclusive
4	XXXX	Circulating Nucleic Acid kit (50 sample)	2			XXXXXX
5	XXXX	Fluoremetric dsDNA HS Assay Kit with assay tubes (500 samples)	1			XXXXXX



Kumar Sandeep
K. SANDHEEP KUMAR SANDEEP

Prabhjot Singh
DR. PRAHJOT SINGH

Ahmedabad | Bangalore | Chennai | Chandigarh | Delhi | Kolkata | Mumbai | Surat | Indore | Pune | Goa



LCGC LifeSciences LLP

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E-mail : subratpaul@lccindia.com

info@lccindia.com

Bio Molecule Analysers & Reagents

6	XXXX	Fluoremetric RNA HS Assay Kit with assay tubes (500 samples)	1			XXXXX
7	XXXX	Auto pipette	6			XXXXX
8	XXXX	Sanger sequencing kit (24 sample)	2			XXXXX
9	XXXX	Tissue Homogeniser	1			XXXXX
9	XXXX	DNA isolation kit (250 Samples)	1			XXXXX
9	XXXX	PCR Kit (1000 samples)	1			XXXXX
Total quotation value with GST (F.O.R)						15,99,990.0
In Word: Indian Rupees Fifteen Lakh ninety nine thousand nine hundred ninety.						

Terms and Conditions

1. Delivery- 4-8 Weeks from the date of placing confirm purchase order.
2. Price: - Quoted prices are inclusive of all charges. The prices quoted are F.O.R. basis.
3. Quotation Validity- 120 Days.
4. Warranty- Five years comprehensive warranty from the date of successful installation of system.
Note: WARRANTY IS APPLICABLE ON AGILENT MAKE PRODUCTS ONLY. WARRANTY ON THIRD PARTY PRODUCTS Viz. COMPUTER, UPS (IF ANY) WILL BE AS PER MANUFACTURER TERMS & WILL BE HONORED BY RESPECTIVE COMPANY ONLY. WARRANTY IS NOT APPLICABLE ON CONSUMABLES & PART OF WEAR & TEAR.
5. Order: - Order can be placed in favour of **LCGC LIFE SCIENCES LLP**, Hyderabad.
6. As per the new GST norms of Govt. of India 5% GST only applicable if the product is used for research purpose. At the time of order, a letter from user stating that said product will be used for research purchase only should be provided. DSIR certificate will also be required.
7. If the product will be used for diagnostic purpose or any others purpose, in that case GST would be 12% or 18% or 28% as applicable.
8. Customer shall provide valid road permit to get the shipment done if needed from Logistic department.
9. Payment- As per the rules. Payment to be made in favour of **LCGC Life Sciences LLP**.
10. Given discount valid till quotation validity.

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Dr. B.R. Ambedkar
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