



All India Institute of Medical Sciences, Bhubaneswar
At - Sijua (Patrapada), Post - Dumuduma, Bhubaneswar (Odisha) - 751 019

To be uploaded in Website: www.aiimsbhubaneswar.edu.in (Tender)

Reference No: J-11078(010)/S&P/20-21/Part-III

Dated: 10/11/2020

Sub: Procurement of qPCR (Make: Analytik Jena, Germany) for establishment of Center for excellence for clinical microbiome research (CCMR) at AIIMS, BBSR on Proprietary basis - Inviting Comments thereon.

The Department of Biochemistry for establishment of CCMR of AIIMS, Bhubaneswar has requested for Procurement of qPCR (Make: Analytik Jena, Germany) from M/s. Analytik Jena, Germany through their authorized Indian representative M/s. GeneX India Bioscience Pvt. Ltd., Chennai.

The Notice is being uploaded for general information of prospective manufacturer/Authorized Distributor/Dealers to submit their objection/proposal/comments, if any, on proprietorship of the item.

In case the product of any manufacturer/Authorized distributor/Dealer conforms to the enclosed specifications, they may submit their proposal for the supply of the same along with the brochures, point by point compliance of the enclosed specifications along with all documentary evidence. One quotation of the product may also be submitted.

The objections/comments/proposal should be sent in sealed cover to the Office of Sr. Procurement Cum Stores Officer, AIIMS, Bhubaneswar (Odisha) – 751019 or through e-mail to spo@aiimsbhubaneswar.edu.in & aso.rnpattnaik@aiimsbhubaneswar.edu.in, so as to reach on or before **date: 24-11-2020** failing which it will be presumed that no other firm is interested to offer comments/protest/object and case will be decided on its merits.

The ref. no.– **J-11078(010)/S&P/20-21/Part-III**, dt: 10-11-2020, due on dated: 24-11-2020 should be superscripted on sealed envelope.

Enclosure:

1. Proprietary Article Certificate from Indenting Officer of Department of CCMR, AIIMS, Bhubaneswar. **Annexure-I**
2. PAC of Analytik Jena, Germany (Make: Bio-Rad) **Annexure-II**
3. Latest Price Quotation of GeneX India Bioscience Pvt. Ltd., Chennai. **Annexure-III**
4. OEM authorization Certificate. **Annexure-IV**

Copy to: -

- | | | |
|--|---|------------------------------|
| 1. Indenting Officer, Department of CCMR | : | for information please |
| 2. Accounts Officer | : | for information please |
| 3. IT Cell | : | for hoisting in the website. |

Sr. Procurement-cum-Stores Officer

AIIMS, BHUBANESWAR

Proprietary Article Certificate
Valid for the Current Financial Year

File No. and Date Reference :			
1	Description of article	Q PCR or RT-PCR	
2	Forecast of quantity /annual requirement	1	
3	Approximate estimated value for above quantity	Rs. 18,00,000/-	
4	Maker's name and address	M/s. Analytik Jena, Germany	
5	Name(s) of authorized dealers/ stockists	Analytik Jena, Germany, Plot No. 462, F.I.E, Patparganj Industrial Area, Delhi, 110092	
6	I approve the above purchase on PAC basis and certify that : - Note- Tick to retain only one out of (b), C-1) or (c-2) whichever is applicable and cross out others. Please do confirm (a) by ticking it - without which PAC certificate will be invalid.		
6 (a)	This is the only firm who is manufacturing / stocking this item. AND	Yes	
6 (b)	A Similar article is not manufactured / sold by any other firm, which could be used in lieu OR	Yes	
6 (c-1)	No other make/brand will be suitable for following tangible reasons (like OEM/ Warranty, spares.) : 1.Patented fibre optic system for ideal Real-Time polymerase chain reaction signals- Fibre optic shuttle system with 8 fold scanner and color modules for excitation and emission filters 2.Detector: High sensitive PMT (Photo Multiplier Tube) 3.Sample volume: 5 – 100 µl 4.Temperature uniformity 55 °C ± 0.15 °C after 15 s 5.Temperature control precision: ± 0.1 °C 6.Linear Gradient Tool : 12 column: 4 °C – 99 °C 7.Max. / Min. Gradient 40 °C / 0.1 °C 8. Sample block Silver sample block with gold-coating 8.Heating Up to 8 °C/s (max.) 9.Cooling Up to 6 °C/s (max.) 10.Adjustable temperature range 3 °C bis 99 °C 11.Temperature inc/dec ±0.1 to 20 °C/cycle 12.Ultrafast readout time : 6 sec for 96 wells independent of the number of dyes 13.Multiplex analysis : Enable Up to 6 fold True multiplexing	OEM/ Warranty, spares	
6 (c)	No other make/brand will be suitable for following intangible reasons (if PAC was also given in the last procurement cycle, please also bring out efforts made since then to locate more sources) : OR		
7	Reference of concurrence of finance wing to the proposal :		
History of PAC Purchase of this item for past three years may be given below :			
Name of the Supplier			
Order/ Tender Reference & Date	Quantity Ordered	Basic Rate on Order (Rs.)	Adverse Performance Reported if Any

Signature of the Indenting Officer

Signature of Approving Authority.....

Dr. Balamurugan Ramadass
Additional Professor
Department of Biochemistry
AIIMS, Bhubaneswar-751019

PAC



analytikjena

An Endress+Hauser Company

AJ Instruments India Pvt. Ltd.

CIN - U74140DL2014FTC272134

462, F.I.E., Patparganj

Delhi - 110092, India

Phone: +91-11-43095302, 303

Fax +91-11-43095304

info@ajindia.com

www.ajindia.com

GST - 07AAMCA9309F1ZK

7th July, 2020

The Director,

AIIMS Bhubaneshwar

Dear Sir/Madam,

Subject: Proprietary Certificate for qTOWER³G

We hereby confirm you that the Cat# 844-00554-2 qTOWER³G is a proprietary item of M/s. Analytik Jena AG with its following unique features/specifications:

- **Patented fibre optic system for ideal Real-Time polymerase chain reaction signals-Fibre optic shuttle system with 8 fold scanner and color modules for excitation and emission filters**
- Detector: High sensitive PMT (Photo Multiplier Tube)
- Sample volume: 5 – 100 µl
- **Temperature uniformity 55 °C ± 0.15 °C after 15 s**
- **Temperature control precision: ± 0.1 °C**
- Linear Gradient Tool : 12 column: 4 °C – 99 °C
- Max. / Min. Gradient 40 °C / 0.1 °C
- Sample block Silver sample block with gold-coating
- **Heating Up to 8 °C/s (max.)**
- **Cooling Up to 6 °C/s (max.)**
- Adjustable temperature range 3 °C bis 99 °C
- Temperature inc/dec ±0.1 to 20 °C/cycle
- Ultrafast readout time : 6 sec for 96 wells independent of the number of dyes
- Multiplex analysis : Enable Up to 6 fold True multiplexing
- MIQE-compliant documentation included in the software
- Export function Excel, *.csv, LIMS, qBase+, GeneIO, GenEx
- License-free and free updates on the Software
- **Warranty: 10 years long-term warranty on high performance optics**

Thanking you,

For Analytik Jena



100% Subsidiary of Analytik Jena AG

QUOTATION

Quote No: GX/AIIMS/AJ/0020/20-21

 Date: 01st September, 2020

To
The Director
All India Institute of Medical Sciences Bhubaneswar
Sijua, Patrapada, Bhubaneswar, Odisha 751019

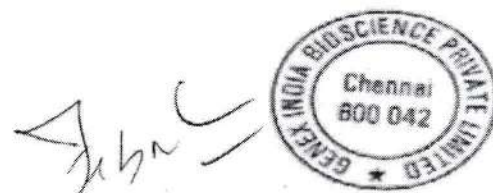
Dear Sir,

Subject: Quote for qTOWER³ G from M/s. Analytik Jena, Germany

Your Reference: Discussion

Cat#	Description	Total Price (INR)
844-00554-2	qTOWER ³ G (incl. gradient function), 230 V incl. Color module 1 – FAM™, Sybr®Green, Alexa488® Color module 2 – JOE™, HEX™, VIC®, YakimaYellow® Color module 3 - TAMRA™, DFO™, Alexa546®, NED Color module 4 - ROX™, TexasRed®, Cy3.5®	Rs. 18,00,000.00
	Add : Delivery Charges	Rs. 5,000.00
	Total	Rs. 18,05,000.00
	Add : IGST @ 18%	Rs. 3,24,900.00
	FOR Destination	Rs. 21,29,900.00

Note: A branded laptop suitable for the instrument will be supplied along with the instrument from GeneX India Bioscience Pvt. Ltd., Chennai.

Technical Data

Thermal Cycler

Thermo block	Silver sample block with gold coating
Block capacity	96 x 0.2 ml tubes/ 96 well microplates/ 12 x 8 well strips, 0.2 ml
Sample volume	5 – 100 µl
Heating	8 °C/s
Cooling	6 °C/s
Temperature setting range	4 – 99 °C
Temperature uniformity	55 °C ± 0.15 °C after 15 s
Temperature control precision	± 0.1 °C
Gradient	12 column: 4 °C – 99 °C, Linear Gradient Tool
Max. / min. gradient	40 °C/ 0.1 °C
Lid temperature	30 °C – 110 °C
Contact pressure	30 kg, automated

Optics

Measuring principle	Fibre optic shuttle system with 8fold scanner and color modules for excitation and emission filters
Light source	4 longlife, high-power LEDs (RGBW)
Detector	High sensitive PMT (Photo Multiplier Tube)
Read-out time	6 s for 96 wells independent of the number of dyes
Color modules	• 12 color-, FRET- and protein modules • 6 positions in the device
Configuration	Free configuration
Control	PC
Language	German, English, Chinese, Russian
Display	-
Operating system	Windows 7 or higher
Minimum requirement of PC	Intel Core 2 Duo, 2048 MB RAM, USB 2.0, Display resolution min. 1280 x 1024 pixel
Export function	Excel, *.csv, LIMS, qBase+, GenIO, GenEx
Memory capacity	Not limited on PC or tablet
Weight	Approx.30 kg

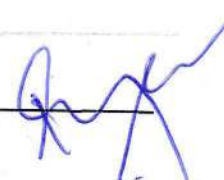
Size (W x H x D)	275 mm x 585 mm x 275 mm
Interface	• PC connection: USB • Tablet: USB for data transfer, barcode reader
Power supply	100 – 240 V
Power consumption	Max. 850 W
Noise emission	Max. 45 dB
Operation conditions	15 °C – 35 °C, 70% humidity, max. 2,000 m NN
Warranty	5 years warranty on device system 10 years long-term warranty on high performance optics

qPCR Application

Sensitivity	Detects 1 copy of target sequence
Dynamic range	10 orders of magnitude
Passive reference	• Not necessary, due to single excitation/detection of each well • Optional available in software
Multiplex analysis	Up to 6fold

Parameters: color modules

Name	Excitation	Emission	Dyes* (examples)
Color module 1	470 nm	520 nm	FAM™, Sybr®Green, Alexa488®
Color module 2	515 nm	545 nm	JOE™, HEX™, VIC®, YakimaYellow™
Color module 3	535 nm	580 nm	TAMRA™, DFO™, Alexa546®, NED™
Color module 4	565 nm	605 nm	ROX™, TexasRed®, Cy3.5®
Color module 5	630 nm	670 nm	Cy5®, Alexa633®, Quasar670™



GeneX India Bioscience Pvt. Ltd.

No.7, Shanti Street, Ground Floor,
Dr. Seethapathy Nagar, Velachery,
Chennai - 600 042 INDIA

Phone : +91 44 2243 2622, +91 44 2243 2623

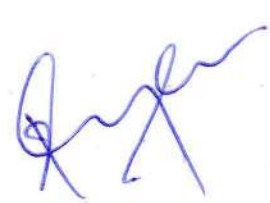
Fax : +91 44 2243 2621

E-mail : info@genexindia.net

Web : www.genexindia.net

Color module 6	660 nm	705 nm	Cy5.5*, LightCycler Red*
FRET module 1	470 nm	580 nm	FAM TM (donor) / TAMRA TM (acceptor)
FRET module 2	470 nm	670 nm	FAM TM (donor) / Cy5* (acceptor)
FRET module 3	470 nm	705 nm	FAM TM (donor) / Cy5.5* (acceptor)
FRET module 4	515 nm	670 nm	JOE TM (donor) / Cy5* (acceptor)
FRET module 5	470 nm	605 nm	FAM TM (Donor)/ROXTM (acceptor)
Color module Protein 1	490 nm	580 nm	SYPRO* Orange

* Yakima Yellow is registered trademark of Epoch Biosciences, Inc. Cy is a trademark of GE Healthcare. FAM, HEX, JOE, VIC, TAMRA, NED and ROX are trademarks of Applied Biosystems Corporation or its subsidiaries in the US and/or certain other countries. SYBR, Alexa Fluor, SYPRO and Texas Red are registered trademarks of Molecular Probes, Inc. TaqMan and LightCycler are registered trademarks of Roche Group, Inc. Quasar Dyes are trademarks of Biosearch Technologies Inc. DFOTM is a trademark of Eurogentec S.A. Windows and Excel are trademarks of Microsoft Corporation.



GeneX India Bioscience Pvt. Ltd.

No.7, Shanti Street, Ground Floor,
Dr. Seethapathy Nagar, Velachery,
Chennai - 600 042 INDIA

Phone : +91 44 2243 2622, +91 44 2243 2623

Fax : +91 44 2243 2621

E-mail : info@genexindia.net

Web : www.genexindia.net

TERMS & CONDITIONS

M/s. Analytik Jena AG, Germany

1. Prices : Prices are FOR Destination.
2. IGST : 18%
3. Validity : 60 Days from the date of quote
4. Payment : 100% Against Delivery by means of Cheque or Online Transfer in favour of GeneX India Bioscience Pvt. Ltd.
5. Delivery : 8 – 12 weeks from date of receipt of order.
6. Warranty : Five Years Warranty
10 years long-term warranty on high performance optics
7. Principals : M/s. Analytik Jena
Life Science | Konrad-Zuse-Str. 1 | D-07745 Jena | Germany
8. Installation : By GeneX India Bioscience Pvt Ltd

Looking forward to receive your valuable Purchase Order.

Thanking you,

Yours truly,

For GeneX India Bioscience Pvt. Ltd.,

J Felix Paul
Director



Date : 31st Aug 2020

To
The Director,
ALL INDIA INSTITUTE OF MEDICAL SCIENCES
Bhubaneswar, (Odisha) – 751 019

Kind Attn: Stores & Purchase Officer

Dear Sir/Madam,

We thank you for your mail.

As per your request, please find below **CMC Charges after completion of 5 Years warranty** for qPCR (Analytik Jena qTower3 G qPCR), Cat no. 844-00554-2) is **Rs. 3,60,000.00 for the 1st Year and 10% Increment for each consecutive 4 Years**

Thanking you and assuring you of our best services at all times,

Looking forward to receiving your valuable Purchase Order.

Thanking you,
Yours truly,

For GeneX India Bioscience Pvt. Ltd.,



Basanta K Rout,

Sales Executive,

Mob: 08017531837



AJ Instruments India Pvt.
CIN - U74140DL2014FTC27213
462, F.I.E., Patparganj
Delhi - 110092, India
Phone: +91-11-43095302, 303
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info@ajindia.com
www.ajindia.com
GST - 07AAMCA9309F1ZK

Manufactures Authorization

Date: 09/07/2020

To,
The Director,
All India Institute of Medical Sciences (AIIMS) Bhubaneswar,
Sijua, Patrapada, Bhubaneswar - 751019,
Odisha, India

Ref. No. AJIPL/LS/20-21/001 Date: 09/07/2020

WHEREAS,

We AJ Instruments India Pvt. Ltd. (100% Subsidiary of Analytik Jena AG), who are official manufacturers of Real Time - PCR Machine (Model: qTower³G), having factories at Konrad-Zuse-Strasse 1, 07745 Jena, Germany, do hereby authorize M/s. GeneX Bioscience Pvt. Ltd., at No. 5A/3, Murphy Doss Road, Dr. Seethapathy Nagar, Velachery, Chennai - 600042, India to submit a bid the purpose of which is to provide the following Goods, manufactured by us Real Time PCR Machine (Model: qTower³G), and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with your General Conditions of Contract, with respect to the Goods offered by the above firm.



Signed:

Name: Amod Arora

Title: Business Development Manager - India & SAARC

Duly authorized to sign this Authorization on behalf of: AJ Instruments India Pvt. Ltd., (100% subsidiary of Analytik Jena AG)

Dated on 09th day of July, 2020