

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

Ref. No. 09/Prop/CCRF/AIIMS/2018-19/St.

Dated: 20/12/2018

**Subject: Purchase of Ultra High Throughput Next Generation Sequencer(NGS) for
the Deptt. of CCRF, AIIMS, New Delhi-29 on proprietary basis-
Inviting comments thereon.**

The request has been received from Assoc. Dean (RS), Member Secretary, Deptt. of CCRF, AIIMS to purchase the subject item from **M/s.Premas Life Science Pvt. Ltd (Mfg. M/s. Illumina Singapore Pte.Ltd.** on proprietary basis. The proposal submitted by **M/s.Premas Life Science Pvt. Ltd** 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. 09/Prop/CCRF/AIIMS/2018-19/St.** The comments should be received by office of Stores Officer (RS), Research Section at AIIMS on or before **05/01/2019 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

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

PROPRIETORY/ SPECIFIC BRAND GOODS CERTIFICATE

1	Item/Type/Model No. required alongwith specification	NovaSeq 6000 Sequencing System
2	Is the item a spare parts attachment or accessory for an existing equipment	No
3	Name of the manufacturers/ supplier of the item proposed by the Indentor	M/s Illumina Singapore Pte. Ltd. (OEM) M/s Premas Life Sciences Pvt Ltd. (Vendor)
4	Are they sole manufacturers/ sole distributors of the item	Yes
5	Is there any other item with similar/ equivalent specification available in the market to meet the job requirement envisaged. If the answer is yes, why the same cant be procured. Demanding officer should bring out comparative functional advantaged/ cost effectiveness of the recommended item from these offered by other	None
6	What were the efforts made to locate alternative source of supply or use other substitutes	Internet search, discussions with scientists & experts in different institutes & laboratories in academia & corporate & vendors
7	Why open/ limited tender cant be resorted to, for locating alternative source	This is a proprietary item & documents to this effect have been received from the vendor. However, the same may be placed on website for inviting comments and to ensure availability of any alternative item as applicable
8	Are the proprietary items certifying that the rates are reasonable or not	Yes
9	Any other justification for procuring item from single source	None

Signature of Indentor
(Demanding Officer)

[Signature]

Countersign
(Head of the Department)

I certify that the item at Sr. No. 1 above is required to be procured on single tender basis as the source of supply is definitely known/ the specified brand proposed was advantages in meeting our functional requirements and limited tender system could be dispensed with as they would serve no useful purpose in this particular case

(Strike out whichever is not applicable)

[Signature]

[Signature]

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- [illegible]

- B - for in Melbourne last week I just photocopy

22. **Penalty clause:** Direct presence in India with strong after-sales technical and service support and must ensure that all faults are rectified within 72-hours, otherwise a penalty will be applicable (i.e. 0.025% of the equipment cost per day for the first week, and it will be double in the second week, i.e. 0.05% per day; thus doubling every week till a maximum of 10% is reached. For the downtime exceeding the period of maximum penalty, the warranty will be increased at a rate equalling the double of the downtime in addition to the financial penalty. Director, AIIMS, New Delhi reserves the right to take administrative action such as removal of Vendor/Manufacturer from list, debarring/blacklisting of the firm etc.

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Since CCRF is a central facility of the institute, a system with capability to effectively perform wide range of sequencing functions such as whole genome especially human genome, whole exome, transcriptomes, targeted resequencing, microbial genome, shotgun metagenomics, small RNA seq, methylation analysis, ChIPseq etc. is required to match the needs of different departments of the institute. The sequencing technology must be robust, well evaluated especially for sequencing of human genome and providing accurate research diagnostic applications.

[illegible]



October 09, 2018

Proprietary Letter

To

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

Dear Sir,

Ref. Your Tender No. 02/Stores/CCRF/2018-17/FSC (Adv.) and File No. 26/CCRF/AIIMS/16-17/RS ("TE document").

We, Illumina Singapore Pte. Ltd., a subsidiary of Illumina, Inc., a Delaware corporation, having its principal place of business at 11 Biopolis Way # 09-05 Helios, Singapore 138667, who is established and reputable manufacturers of Illumina Sequencing & Arrays Systems and the consumables for the Sequencing and Arrays Systems Hereby, authorize Messers Premas Life Sciences Pvt. Ltd., Plot No. 153, Okhla Industrial Area, Phase - III, New Delhi - 110020, India to submit quotes, negotiate (as and if necessary) and conclude the contract on our behalf for the goods manufactured by us.

We further confirm that the following product is solely manufactured by Illumina, Inc., U.S.A. and is Proprietary technology of Illumina, Inc., U.S.A.

Catalog #	Product Description
20012850	NovaSeq 6000 Sequencing System The NovaSeq 6000 Sequencing System is an integrated ultrahigh throughput system performing onboard cluster generation and sequencing. This system includes installation and training and 12 months warranty (including parts and labor).
SY-410-1003	MiSeq[®] System MiSeq System Integrated system for automated generation of DNA clonal clusters by bridge amplification, sequencing, primary and secondary analysis. System includes embedded touchscreen monitor and on-instrument computer, dual surface imaging capability, MiSeq Software Suite, installation kits and standards, installation and training, and 12 months warranty (including parts and labor).

Yours faithfully,




Name: Tan Kah Ling, Mavis
Title: Senior Director, Finance, Asia Pacific
For and behalf of: Illumina Singapore Pte. Ltd.

Illumina Singapore • 11 Biopolis Way • #09-05 Helios • Singapore 138667 • Tel: +65 6773 2188 • Fax: +65 6774 8288 • www.illumina.com





October 09, 2018

Proprietary Letter

To

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

Dear Sir,

Ref. Your Tender No. 02/Stores/CCRF/2018-17/FSC (Adv.) and File No. 26/CCRF/AIIMS/16-17/RS ("TE document").

We, Illumina Singapore Pte. Ltd., a subsidiary of Illumina, Inc., a Delaware corporation, having its principal place of business at 11 Biopolis Way # 09-05 Helios, Singapore 138667, who is established and reputable manufacturers of Illumina Sequencing & Arrays Systems and the consumables for the Sequencing and Arrays Systems Hereby, authorize Messers Premas Life Sciences Pvt. Ltd., Plot No. 153, Okhla Industrial Area, Phase - III, New Delhi - 110020, India to submit quotes, negotiate (as and if necessary) and conclude the contract on our behalf for the goods manufactured by Edico Genome, Corp.

We further confirm that the following goods are solely manufactured by or on behalf of Edico Genome, Corp. and is proprietary technology of Edico Genome, Corp.

Catalog #	Product Description
20027360	DRAGEN[™] Bio-IT Platform DRAGEN server (with an FPGA chip to accelerate NGS secondary analysis)

Yours faithfully,




Name: Tan Kah Ling, Mavis
Title: Senior Director, Finance, Asia Pacific
For and behalf of: Illumina Singapore Pte. Ltd.

Illumina Singapore • 11 Biopolis Way • #09-05 Helios • Singapore 138667 • Tel: +65 6773 2188 • Fax: +65 6774 8288 • www.illumina.com





October 18, 2018

MANUFACTURER'S AUTHORISATION FORM

To
The 'Director'
All India Institute of Medical Sciences ("AIIMS")
Ansari Nagar,
New Delhi-110029
India

Dear Sirs,

Ref. Your Tender No. 02/Stores/CCRF/2016-17/FSC (Adv.) and File No. 26/CCRF/AIIMS/16-17/RS ("TE document").

We, **illumina Singapore Pte. Ltd.**, a subsidiary of Illumina, Inc., a Delaware corporation having factory at 25861 Industrial Blvd., Hayward, California, United States of America, who is proven and reputable manufacturer of **NovaSeq 6000 Sequencing System and MiSeq® System** hereby authorize **Messrs. Premas Life Sciences Pvt. Ltd.**, Plot No. 153, Okhla Industrial Area, Phase - III, New Delhi - 110020, India to submit a tender, process the same further and enter into a contract with you against your requirement as contained in the above referred TE document for the above goods manufactured by us.

Further, **illumina Singapore Pte. Ltd.**, a subsidiary of Illumina, Inc., a Delaware corporation, who also owns **Edico Genome, Corp.**, the leading **DRAGEN™ Bio-IT Platform** provider of data analysis acceleration solutions for next-generation sequencing (NGS) having office at 12400 High Bluff Dr., Suite 650, San Diego, CA 92130, United States of America, hereby authorizes **Messrs. Premas Life Sciences Pvt. Ltd.**, Plot No. 153, Okhla Industrial Area, Phase - III, New Delhi - 110020, India to submit a tender, process the same further and enter into a contract with you against your requirement solely as contained in the above referred TE document for the above goods manufactured by or on behalf of **Edico Genome, Corp.**.

We are not participating directly in this tender for the following reason(s):

- a. Illumina has appointed **Messrs. Premas Life Sciences Pvt. Ltd.**, Plot No. 153, Okhla Industrial Area, Phase - III, New Delhi - 110020, India as our channel partner (authorization letter attached).
- b. The tender requires supply of third party items, which Illumina cannot supply directly.

We further confirm that no supplier or firm or individual other than **Messrs. Premas Life Sciences Pvt. Ltd.**, Plot No. 153, Okhla Industrial Area, Phase - III, New Delhi - 110020, India is authorized to submit a tender, process the same further and enter into a contract with you against your requirement as contained in the above referred TE document for the above goods manufactured by us and/or on behalf of **Edico Genome, Corp.**.

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In case of change of authorized distributor, we will inform AIIMS the new distributor responsible for after sales service and annual maintenance & repairs contract as above. In case of failure of us to provide notice of new distributor, we will be directly responsible for the after sale service of the equipment as items & conditions of the tender.

Yours faithfully,

Name: Tan Kah Ling, Mavis
Title: Senior Director, Finance, Asia Pacific
For and behalf of: Illumina Singapore Pte. Ltd.

Illumina Singapore • 11 Science View • #05-05 North Tower • Singapore 13867 • Tel: +65 6773 0100 • Fax: +65 6774 0300 • www.illumina.com

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QUOTATION FOR SUPPLY OF GENETIC ANALYSIS PRODUCTS

Prepared by:

Premas Life Sciences Pvt. Ltd.
Plot No 153, Okhla Industrial Area,
Phase – III, New Delhi – 110020, India

Hereinafter referred to as "Premas"

Prepared for:

Director, All India Institute Of Medical Sciences (AIIMS)
Hereinafter referred to as "All India Institute Of Medical Sciences (AIIMS)" or "Customer"

Quotation Number:	20181109AD400_AIIMS_Bundled
Quotation Date:	November 9, 2018
Expiration Date:	December 31, 2018
Prepared By:	Nitya Nand Sharma
Phone Number:	+91 9418189407
Email:	cs@premaslifesciences.com

FOR SMOOTH PROCESSING OF YOUR ORDER, ILLUMINA ASKS THAT YOU PLEASE REFERENCE THE ABOVE QUOTATION NUMBER ON ANY PURCHASE ORDER SUBMITTED AGAINST THIS QUOTATION.



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I. CUSTOMER INFORMATION

Company or Institution Name:	All India Institute of Medical Sciences (AIIMS)
Address:	Ansari Nagar, New Delhi 110029, India
Contact Name:	Director
Phone:	
Email:	

II. PRODUCT & PRICING INFORMATION

Catalog #	Product Description	Unit Price (USD)	Customer Price	Units	Subtotal (USD)
SY-NovaSeq 6000	<p>NovaSeq 6000 Sequencing System Bundle</p> <p>Contains One (1) 20012850 NovaSeq 6000 Sequencing System, Four (4) of 20019965 NovaSeq 6000 Bronze Support Plan and Four (4) of 20024465 NovaSeq 6000 Reagent Replacement Add On</p> <p>20012850 NovaSeq 6000 Sequencing System The NovaSeq 6000 Sequencing System is an integrated ultrahigh throughput system performing onboard cluster generation and sequencing. This system includes installation and training and 12 months warranty (including parts and labor).</p> <p>20019965 NovaSeq 6000 Bronze Support Plan: Includes full coverage for parts, labor, and travel. Remote Technical Support: 24x7 w/ 4-hr response; 3 business day on-site response target; control SW and HW updates; on-site applications support; discounts on advanced training; remote monitoring available. Reagent replacement not included. This plan offers affordable protection against costly repairs and is best suited for budget-sensitive customers.</p> <p>20024465 NovaSeq 6000 Reagent Replacement Add On</p>	1,913,800.00	1,538,080.00	1	1,538,080.00

Goods AMR Template 20190101 MC

Proposal # 20181109AD400_AIIMS_Bundled

Pub No: 062430



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20027360_9030_7361	<p>DRAGEN™ Bio-IT Platform Bundled</p> <p>Contains One (1) 20027360 DRAGEN™ Bio-IT Platform, Four (4) of 20029030 Illumina DRAGEN Server Support Plan and Five (5) of 20027361 DRAGEN CS v1 1 year License</p> <p>20027360 DRAGEN™ Bio-IT Platform: [DRAGEN server (with an FPGA chip to accelerate NGS secondary analysis)]</p> <p>20029030 Illumina DRAGEN Server Support Plan: Includes full coverage on all service parts and labor. Includes comprehensive 5/24 email support and 5/18 telephone support; 5 business day average on-site response time, critical and non-critical updates, applications support, access to on-line training modules, and discounts on optional advanced training programs.</p> <p>20027361 DRAGEN CS v1 1 year License: Throughput of 100,000 Gb</p>	154,500.00	123,975.00	1	123,975.00
SC-60-504	SciGene TruTemp Heating System (220V)	2,707.60	2,301.46	2	4,602.92
BD-60-601	Infinium MDI Heatblock Insert	224.00	190.40	2	380.80
20021663	NovaSeq Xp Flow Cell Dock	2,800.00	2,380.00	1	2,380.00
Subtotal					1,665,418.72
Cost of Insurance and Airfreight					5,604.32
CIP New Delhi International Airport					1,675,023.04

Please note sales tax and duties are not included in the price listed above. Any applicable sales tax will be included on invoices from Illumina based on the tax laws and regulations in effect for the jurisdiction where the products will be shipped on the date the invoices are generated.

Payment term in this quote is valid if: (i) customer has a credit term with Illumina; and (ii) the purchase order price does not exceed the credit limit available at the time Illumina receives the purchase order. In the event the purchase order price exceeds the credit limit available at the time Illumina receives the purchase order, then Illumina will require prepayment from customer.

Incoterms: CIP New Delhi International Airport

Special Condition of Sale

Customer's purchase of this product is based on currently published specifications as provided in NovaSeq 5000/6000 Specification Sheet (<http://www.illumina.com/content/dam/illumina-marketing/documents/products/datasheets/novaseq-series-specificationsheet-770-2016-025.pdf>) and not conditioned on future performance characteristics or applications, whether or not realized. The determination, timing and delivery of future performance characteristics, if any, if ever, remains at Illumina's sole discretion and customers' rights to publicly announced upgrades and other marketed upgrades are expressly limited. Customer acknowledges it has not relied on any information outside of published specifications in making the purchase contemplated in this quotation or purchase order.

Goods AMR Template 20190101 MC

Proposal # 20181109AD400_AIIMS_Bundled

Pub No: 062430



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Shipping Notes:

1. Quotation containing Consumables products only will be fulfilled from Singapore.
2. Quotation containing Instruments/System and Consumables products will be fulfilled from the United States.
3. Quotation containing Custom product will be filled from Singapore or United States
4. Illumina requires a minimum of 3 working days advance notice for any changes to the ship schedule provided by Customer.

Please refer to section IV. Ship Hold for Illumina shipping policy

III. CONDITIONS OF SALE

By submitting an order, Customer accepts and agrees that the Terms and Conditions is the sole and exclusive agreement between Customer and Illumina with respect to the Illumina products and/or services as described above and accepts all other terms of this quotation. NOTWITHSTANDING THE FOREGOING, IF ILLUMINA AND CUSTOMER HAVE ENTERED INTO A VALID AND ENFORCEABLE AGREEMENT GOVERNING THE ILLUMINA PRODUCTS AND/OR SERVICES DESCRIBED ABOVE, THE ORDER OF PRECEDENCE BETWEEN THE AGREEMENT AND THE TERMS AND CONDITIONS SHALL BE AS FOLLOWS: IN THE EVENT OF A CONFLICT BETWEEN THE TERMS OF THE AGREEMENT AND THE TERMS AND CONDITIONS, OR IF THE AGREEMENT INCLUDES ADDITIONAL TERMS NOT ADDRESSED IN THE TERMS AND CONDITIONS, THE AGREEMENT SHALL GOVERN WITH RESPECT TO SUCH TERMS. Illumina does not supply plastics such as microplates or pipette tips for use in the listed assays and these are not included in the consumables pricing provided; however, as a result of the highly multiplexed nature of all assays, plastics alone contribute minimally to the final cost. Customer and Illumina agree as follows:

- Customer's purchase of the products referenced in this Quotation is not conditioned on future performance characteristics or applications, whether or not realized.
- Unless otherwise agreed by Illumina in writing, Illumina will not assist Customer in developing, testing, or validating unsupported applications.
- Illumina will not replace any consumables or reagent kits if the cause of any performance failure is due to unsupported applications.
- Illumina is unable to provide any assurances or guarantee that the performance of the products referenced in this Quotation will match published specifications when used for unsupported applications.

IV. SHIP HOLD

In cases where this Quotation does not include a pre-defined ship schedule, the following ship hold terms shall apply:

- All orders must have a defined ship schedule. The initial ship date must be no later than three (3) months from the date the purchase order is received by Illumina (as provided in the Order Confirmation) and the entire order must be shipped complete within twelve (12) months from Illumina's receipt of the purchase order.
- Any exceptions to these ship hold terms must be agreed to in writing by Illumina and the Customer must pre-pay at least fifty percent (50%) of the purchase order amount of the affected shipments.
- Customers may request two (2) shipment delays for any single purchase order. The total months of delayed shipment for shipments associated with a single purchase order shall not exceed six (6) months.
- If Customer has requested a delayed shipment, Illumina reserves the right to change the lead time necessary to initiate Customer's first shipment (which may be longer than the lead time quoted at the time of the order placement).
- If Customer cannot take shipment in accordance with these terms, Illumina reserves the right to cancel the order in its entirety without any liability to the Customer.

V. HOW TO ORDER

Please submit your Purchase Order and a complete copy of this quotation to the attention of:

Illumina Customer Service
customerservice@illumina.com
Fax:
+61.3.9212.9901 (ANZ)
+65.6744.0388 (All others)
+81.3.4578.2810 (Japan)
+86.21.6090.6279 (China – Shanghai)
+86.10.8455.4855 (China – Beijing)

Customer Service

Having trouble submitting orders online or questions with an order? Please contact us.

Phone: +61.3.9212.9900 (ANZ)
+81.3.4578.2800 (Japan)
+86.21.6032.1066 (China – Shanghai)
+86.10.8455.4866 (China – Beijing)
+65.6733.0188 (All others)

Goods AMR Template 20150101 MC

Proposal # 20181109AD400_AIRMS_Bundled

Pub No. 062430



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Order Confirmation

You will receive an e-mail confirmation containing your order number within 1 business day. Another email will be sent to notify you when your order has been shipped.

VI. EXPIRATION OF OFFER

The offer contained in this document is revocable at the sole discretion of Illumina if not executed by Customer and a purchase order received by Illumina before 5:00 pm Pacific Time on the expiration date shown on page 1 of this quotation.

6-10 year CMC proposal already submitted with INR Dept.
Nagendran Sw





Premas Life Sciences Pvt. Ltd.
Plot no 153, Okhla Industrial Area
Phase-3, New Delhi - 110020
CIN: U51909DL2011PTC217592
GSTIN: 07AAGCP0079F1Z1

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

SQPLS/ILM/18-19/0092
Date: October 17, 2018
Validity: 120 days

PRODUCT & PRICING INFORMATION - FOR ILLUMINA

Sr No	Catalog #	Product Description	Unit Price (INR)	Discount	Discounted Customer	Qty	Subtotal (INR)
1	9Y-NovaSeq 6000	NovaSeq 6000 Sequencing System Bundle Contains One (1) 20012850 NovaSeq 6000 Sequencing System and Four (4) of 20019988 NovaSeq 6000 Silver Support Plan 20012850 NovaSeq 6000 Sequencing System The NovaSeq 6000 Sequencing System is an integrated ultrahigh throughput system performing onboard cluster generation and sequencing. This system includes installation and training and 12 months warranty (including parts and labor). 20019988 NovaSeq 6000 Silver Support Plan Includes full coverage for parts, labor, and travel; reagent replacement upon instrument failures; one PM; remote Technical Support 5*18; 2-business day onsite response target; control hardware/software updates; onsite applications support; and discounts on advanced training. The most popular full-service plan, balancing performance, productivity, and cost.	₹ 13,02,91,000.00	15%	₹ 12,80,02,350.00	1	₹ 12,80,02,350.00
2	SC-60-S04	SciGene TruTemp Heating System (220V)	₹ 2,03,070.00	15%	₹ 1,72,609.50	2	₹ 3,45,219.00
3	BO-60-001	Infinium M20 HeatBlock Invert	₹ 16,800.00	15%	₹ 14,280.00	2	₹ 28,560.00
4	20027360	DRAGEN Bio-IT Platform, 3 year warranty and DRAGEN CS Lvl 1.1 year License (20027361) - 5 rds.	₹ 1,20,33,000.00	15%	₹ 1,02,28,050.00	1	₹ 1,02,28,050.00
5	20002663	NovaSeq Xp Flow Cell Dock	₹ 2,10,000.00	15%	₹ 1,78,500.00	1	₹ 1,78,500.00
Net Ex-Works Price							₹ 13,87,82,679.00
Total Value							₹ 13,87,82,679.00

NovaSeq 6000 CAMC Charges from 6th to 10th year	
S.No/Description	Subtotal (INR)
1 NovaSeq 6000 CAMC - 6th Year	₹ 1,01,07,000.00
2 NovaSeq 6000 CAMC - 7th Year	₹ 1,06,12,350.00
3 NovaSeq 6000 CAMC - 8th Year	₹ 1,11,42,967.50
4 NovaSeq 6000 CAMC - 9th Year	₹ 1,17,00,115.88
5 NovaSeq 6000 CAMC - 10th Year	₹ 1,22,85,121.67
Note: GST will be applicable as per GOI norms at the time of invoicing	
Note: 6-10 year CAMC option is not available on DRAGEN Bio-IT Platform	





Premas Life Sciences Pvt. Ltd.
Plot no 153, Okhla Industrial Area
Phase-3, New Delhi - 110020
CIN: U51909DL2011PTC217592
GSTIN: 07AAGCP0079F1Z1

Optional: Illumina BaseSpace Sequencing Hub services		
Cat no.	Description	Unit Price (INR)
0W-410-1000	BaseSpace Live Storage (1TB) - Per year	₹ 50,400.00
0W-411-1001	BaseSpace Live Storage (10TB) - per year	₹ 5,04,000.00
0W-411-1002	BaseSpace Live Storage (50TB) - Per year	₹ 25,20,000.00
20X20628	BaseSpace Sequencing hub unlimited storage and compute for NovaSeq 6000 - per year	₹ 1,96,00,000.00

Note for Illumina BaseSpace services:

1. User have to purchase BaseSpace storage as per their requirement each year.
2. Data analysis will be charged extra as per iCredit usage to AIIMS. 1 iCredit is equivalent to 1 USD and iCredit usage requirement for various analysis is attached separately. The invoice will be raised directly by Illumina on monthly basis (taxes)
3. 10 Gbps internet connectivity is required to upload and download the data on/from BaseSpace
4. GST would be extra as per GOI guidelines at the time of invoicing

Terms & Conditions for High Seas Sale

1. The above mentioned goods are imported and the prices declare is FOR AIIMS, Delhi.
2. Premas will arrange the custom clearance at New Delhi Airport, transportation from New Delhi Airport to AIIMS.
3. Premas will prepare the High Seas Sale Agreement and share with AIIMS. AIIMS has to sign High Seas Sale Agreement and return copy of agreement to Premas.
4. Premas will take care for Custom Duty, Custom Clearance charges, DO charges, transportation, Dry ice reicing and any other taxation or expenses involved for custom clearance activities.
5. GST @12% on consumables will not be applicable in High Seas Sale agreement. In absence of High Seas Sale agreement, this will be charged extra from AIIMS.
6. Country of Origin and Shipment - USA/ Singapore
7. Delivery within 8-10 weeks from date of receiving of valid purchase order.
8. Payment: 75% on delivery and 25% on acceptance against 'Final Acceptance Certificate' as per Section XVIII Net 80 days through wire transfer in favour of M/s Premas Life Sciences Pvt. Ltd., Plot No. 153, Okhla Industrial Area, Phase-III, New Delhi-110020
9. Purchase Order should be issued in favour of M/s Premas Life Sciences Pvt. Ltd., Plot No. 153, Okhla Industrial Area, Phase-III, New Delhi-110020
10. The above quoted products are for Research Use only.
11. Please provide us the E-way Bill or Road Permit, if applicable.
12. GST no is mandatory to mention in the purchase order.
13. Please send scan copy of the Purchase order at cs@premaslifesciences.com

For Premas Life Sciences Pvt. Ltd.



CS

Signature

Signature

Signature



Premas Life Sciences Pvt. Ltd.
Plot No.-153, 11nd Floor
Okhla Industrial Area, Phase-III,
New Delhi, 110020, India
CIN: U51909DL2011PTC217592
GSTIN No.-07AAGCP0079F1Z3

Prepared for:

The Director
All India Institute of Medical Sciences
Ansari Nagar, New Delhi, DL-110029, INDIA
Hereinafter referred to as "AIIMS"

Quotation Number:	SQPLS/ILM/18-19/0094
Quotation Date:	October 17, 2018
Quote Validity:	120 days
Prepared By:	Kanika Verma
Phone Number:	9971898342
Email:	cs@premaslifesciences.com

II. PRODUCT & PRICING INFORMATION

Catalog #	Product Description	Unit Price (INR)	Disc. Customer Price	Qty.	Transaction value (INR)	HSN/SAC Code	GST %	GST Amount
1057-51-0	PCR plate insert for heating system	₹ 72,000.00	₹ 64,800.00	2	₹ 129,600.00	1234	5.00	₹ 6,480.00
14216-214	Vibrax Advanced High-Speed Microplate Shakers, 230V	₹ 960,000.00	₹ 864,000.00	1	₹ 864,000.00	1234	5.00	₹ 43,200.00
AM10027	Magnetic Stand	₹ 84,000.00	₹ 75,600.00	1	₹ 75,600.00	1234	5.00	₹ 3,780.00
5382000015	Thermomix with accessories	₹ 600,000.00	₹ 540,000.00	1	₹ 540,000.00	1234	5.00	₹ 27,000.00
PL3 SERVER	Server - Dual 12 Core 2.6 GHz, 256 GB RAM, with 500 TB usable storage	₹ 10,200,000.00	₹ 9,180,000.00	1	₹ 9,180,000.00	1234	5.00	₹ 459,000.00
Net Value								₹ 10,788,200.00
GST Amount								₹ 539,490.00
Total								₹ 11,328,690.00

Terms & Conditions:

- Prices Given FOR Basis.
- Delivery within 6 to 8 weeks from date of purchase order.
- Payment: 75% on delivery and 25% on acceptance against "Final Acceptance Certificate" as per Section XVII Net 30 days through wire transfer in favour of Premas Life Sciences Pvt. Ltd. banking details are attached.
- GST will be applicable as per govt rule at the time of invoicing.
- Order should be issued in favour of Premas Life Sciences Pvt. Ltd., 153, Okhla Industrial Area Phase 3, New Delhi-110020.
- Dry Ice and delivery charges @Rs.3500.00 will be charged extra per shipment if an order of upto Net Value Rs. 30,000.00/-.
- Road Permits/Way Bill should be provided for dispatch of material, if any applicable.
- Above products are for research use only.
- GST No. is mandatory to mention in purchase order copy.
- Please share PO on cs@premaslifesciences.com.
- Above quoted price are as per the current exchange rate, in case the exchange rate will increase beyond 5%, the same will be charges extra.
- If customer has DSR certificate the GST will be applicable @3% as per notification 45/2017 date.
- Customer has to provide the DSR along with confirmed PO.



For Premas Life Sciences Pvt. Ltd.

Illumina, Inc.
5055 Illumina Way
San Diego, CA 92121 USA
Tel: 619-212-4500
Fax: 619-212-4796
www.illumina.com

May 15, 2018

CERTIFICATE OF AUTHORIZATION

This is to certify that Premas Life Sciences Pvt. Ltd. ("Channel Partner"), having a principal place of business at 153, 2nd Floor, Okhla Phase 3, New Delhi -110020, India, is the selected, authorized and exclusive Channel Partner of Illumina branded products of Illumina, Inc. San Diego, CA, USA and Illumina Singapore Pte. Ltd.

Channel Partner is responsible for product promotion, training, after sales service, distribution, offering, negotiation and entering into contracts for Illumina branded products within the territory of India.

Please note that this certificate does not authorize Channel Partner to take any action that would result in the cancellation, revocation, amendment or rescission (or other similar action) of any existing or future product registration within the territory unless support by a notarized/apostilled letter on Illumina letterhead authorizing such action that is signed by a senior vice president (or higher officer) of Illumina.

This certification is valid until May 15, 2019.

Sincerely,

Kristina Saewert
Contracts and Pricing Manager, Global Channel Partners
Illumina, Inc.
Office: 858.754.3024



Illumina® MSeqDx™ Cystic Fibrosis Assays	The listed products and their use are the subject of US Patent Nos. 6,201,107; 6,730,777; 6,984,487 and 6,902,907 licensed from The Regents of the University of Michigan and the HSC Research Development Limited Partnership.
Nestlex™ Sample Preparation Kits TotalScript Sample Preparation Kits Nestlex Enrichment and Exome Kits TruSight™ Enrichment Kits TruSight Rapid Capture Kits	The listed products and their use are the subject of US Patent Nos. 6,201,107; 6,730,777; 6,984,487 and 6,902,907 licensed from The Regents of the University of Michigan and the HSC Research Development Limited Partnership.
TruSeq™ Stranded mRNA Sample Prep Kits TruSeq Stranded total RNA Sample Prep Kits	Limited Use Label License: This product and its use are the subject of one or more issued and/or pending US and foreign patent applications owned by Max Planck Gesellschaft, exclusively licensed to New England Biolabs, Inc. and sublicensed to Illumina, Inc. The purchase of this product from Illumina, Inc., its affiliates, or its authorized resellers and distributors conveys to the buyer the non-transferable right to use the purchased amount of the product and components of the product by the buyer (whether the buyer is an academic or for-profit entity). The purchase of this product does not convey a license under any claims in the foregoing patents or patent applications directed to producing the product. The buyer cannot sell or otherwise transfer this product or its components to a third party or otherwise use the product for the following COMMERCIAL PURPOSES: (i) use of the product or its components in manufacturing; or (2) use of the product or its components for therapeutic or prophylactic purposes in humans or animals.
MiniSeq Kits NGS™ 600 Output Kits HiSeq™ 3000/4000 Cluster Kits HiSeq v4 cBot Cluster Kits NovaSeq™ 6000/6000 Reagent Kits NextSeq™ 600/550 Output Kits NextSeq TruSight™ Tumor 170 Kit HiSeq Reagent Kits	The listed products and their use are the subject of the following US Patent Nos. 7,375,234; 7,763,736; 8,129,542; 8,580,870; 6,877,839 and related patents and patent applications.
BeadChip Kits and Products Infinium™ Kits and Products FastTrack Microarray Services Whole Genome Methylation CSE Whole Genome Genotyping Kits	The listed products and their use are the subject of the following US Patent Nos. 6,365,431; 6,429,027 and related patents and patent applications.

Innovative technologies

At Illumina, our goal is to apply innovative technologies to the analysis of genetic variation and function, making studies possible that were not even imaginable just a few years ago. It is a mission critical for us to deliver innovative, flexible, and scalable solutions to meet the needs of our customers. As a global company that shares high value on collaboration, innovation, rapid delivery of solutions, and providing the highest level of quality, we strive to meet this challenge. Illumina innovative sequencing and array technologies are leading groundbreaking advancements in the research, translational and consumer genomics, and molecular diagnostics.

For Research Use Only. Not for use in diagnostic procedures (except as specifically noted).



October 22, 2018

Proprietary Letter

To Whom It May Concern

This is to state and confirm that Illumina Systems are unique, we are not aware of any equivalent instrument sold by another, and we vigorously protect our exclusive technology through a variety of means, including trade secret, patent, and other proprietary rights. By way of representative example only, patents and patent applications that address elements of the NovaSeq 6000 and to which Illumina has exclusive rights, are:

System	Patents	Feature
NovaSeq 6000 Sequencing System (Catalog# 20012850)	US 7057026, US 7414116, US 7427673	The NovaSeq 6000 System delivers a groundbreaking combination of throughput, speed, and flexibility to complete next-generation sequencing (NGS) projects faster and more economically than ever before. A choice of four flow cell formats, multiple read length configurations, and the ability to run one or two flow cells simultaneously enable data output ranging from ~80 Gb 6000 Gb per run, providing flexibility across a broad range of applications and study sizes. The NovaSeq 6000 System combines unmatched system output with rapid run times to deliver the highest daily throughput of any NGS system currently available. With preconfigured reagent cartridges, radio frequency identification (RFID)-encoded consumables, a choice between fully automated onboard cluster generation and an individual lane loading workflow, the NovaSeq 6000 System provides simple, streamlined production-scale sequencing of genomes, exomes, transcriptomes, and numerous other library types. The NovaSeq 6000 System uses proven Illumina sequencing by synthesis (SBS) chemistry with patented reversible terminator chemistry to generate consistent, reliable data. In addition, the NovaSeq 6000 System integrates with BaseSpace™ Sequence Hub, an easy, secure, and cost-effective way to store, analyze, and share genomic data.

Yours faithfully,



Name: Tan Kah Ling, Mavis
Title: Senior Director, Finance, Asia Pacific
For and behalf of: Illumina Singapore Pte. Ltd.



We are excited to announce that Edico Genome is now an Illumina® company. If you are an existing Edico Genome customer, please contact an Illumina® Informatics or Bioinformatics Specialist with any questions. More information at illumina.com/DRAGEN

Join us at this informatics satellite meeting at ASHG to hear Illumina's approach to building software tools to



March 20

2017

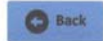


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Edico Genome Expands Intellectual Property Portfolio with an Additional Five Patents Issued for DRAGEN Platform

Company Holds Largest IP Portfolio Encompassing Processor-Based Analysis of Next-Generation Sequencing Data

SAN DIEGO, March 20, 2017 – Edico Genome, creator of the world's first processor designed to analyze next-generation sequencing data, today announced the United States Patent and Trademark Office has issued an additional five, foundational patents surrounding the **DRAGEN™** platform for analysis and storage of genomic data. Edico's intellectual property portfolio now contains eight issued patents, which provide protection up to 2033. An additional sixteen patents are pending.

All issued patents broadly cover the technology core to DRAGEN, including execution of sequence analysis pipelines and storage for genomic data on the hardware processing platform and providing for both onsite and cloud deployment. The patents cover any type of processor, including application-specific integrated circuits (ASICs), graphical processing units (GPUs) and field-programmable gate arrays (FPGAs), which are utilized by Edico's highly reconfigurable DRAGEN processor, Entitled "Bioinformatics Systems, Apparatuses, And Methods Executed On An Integrated Circuit Processing Platform," the patent numbers are as follows: 9,576,104; 9,576,103; 9,529,967; 9,519,752; and 9,483,610. Numbers for previously announced U.S. patents are as follows: 9,342,652; 9,235,880 and 9,014,989.

"Our robust and growing intellectual property portfolio surrounding DRAGEN reflects the innovation of our company. DRAGEN is a cutting-edge, unique solution for the big data bottleneck that slows clinical and research applications of genomics," said Pieter van Rooyen, Ph.D., chief executive officer of Edico Genome. "Edico remains committed to delivering innovative, best-in-class infrastructure for researchers, companies and



As an example of this innovative satellite positioning in ASXIO to build a platform to support the next-generation sequencing data both onsite and in the cloud. Powered by FPGA-centric technology that features optimized algorithms for mapping, alignment, sorting, variant calling and more, DRAGEN enables a whole genome to be analyzed in only 20 minutes onsite, or even under 10 minutes in a single cloud instance, while maintaining high accuracy and significantly lowering costs. DRAGEN also features hyper-efficient lossless, real-time compression of data files, reducing genomic data footprint and long-term storage costs significantly.

To date Edico's customers have processed more than ten petabytes of data using DRAGEN for a range of activities, including processing of whole genomes, exomes or analyzing 3D genome structures.

<https://www.illumina.com/company/legal/patents.html>

Notice is hereby provided under 35 U.S.C. 6287(a) for the following products:

The listed products and their use are the subject of US Patent Nos. 6,201,103; 6,730,777; 6,684,487 and 6,902,917 awarded from the Regents of the University of Michigan and the HSC-Research Development Limited Partnership.

Nextera™ Sample Preparation Kits
 TotalScript Sample Preparation Kits
 Nextera Enrichment and Exome Kits
 TruSeq™ Enrichment Kits
 TruSeq Rapid Capture Kits

The listed products and their use are the subject of US Patent Nos. 6,201,107; 6,730,277; 6,984,487 and 6,902,907 licensed from The Regents of the University of Michigan and the HBC Research Development Limited Partnership.

TruSeq™ Stranded mRNA Sample Prep Kits
TruSeq Stranded total RNA Sample Prep Kits

United Life of Louisiana. This product and its use are the subject of a number of oral based and/or pending U.S. and foreign patent applications owned by Max Planck Gesellschaft, exclusively licensed to New England District, Inc. and sublicensed to Allura, Inc. The purchase of this product from Max Planck, Inc., as licensee, is an authorized reseller and distribution activity for the buyer. The non-transferable right to use the purchased amount of the product and components of the product for the purpose of the product is granted to the buyer. The purchase of this product is for the purpose of the product. The purchase of this product is for the purpose of the product. A license under any claims in the foregoing patent or patent applications directed to producing the product. The buyer cannot sell or otherwise transfer this product or its components to a third party or otherwise use the product for the following COMMERCIAL PURPOSES: (i) use of the product or its components in manufacturing, or (ii) use of the product or its components for diagnostic or prophylactic purposes in humans or animals.

MiniSeq Kits
 HiSeq™ 500 Output Kits
 HiSeq™ 3000/4000 Cluster Kits
 HiSeq v4 (vBot) Cluster Kits
 NovaSeq™ 5000/6000 Reagent Kits
 NextSeq™ 500/550 Output Kits
 NextSeq TruSight™ Tumor 170 Kit
 HiSeqX Reagent Kits

The listed products and their use are the subject of the following US Patent Nos. 7,375,254; 7,763,736; 8,103,542; 8,582,970; 8,877,309 and related patents and patent applications.

BeadChip Kits and Products
Infinium™ Kits and Products
FastTrack Microarray Services
Whole Genome Methylation CG
Whole Genome Genotyping K&A

The listed products and their use are the subject of the following US Patent Nos. 6,335,431; 6,429,027 and related patents and patent applications.





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New Delhi - 110020
CIN: U51901DL2011PTC217592
Email: contact@premaslifesciences.com
Phone: 011-46170798

Oct 17, 2018

PRICE REASONABILITY CERTIFICATE

This is to certify that we have offered the maximum possible discount to you in our Quotation No. SQPLS/ILM/18-19/0092, SQPLS/COV/18-19/0034, and SQPLS/ILM/18-19/0094 dated 17.10.2018.

We would like to certify that the quoted price are the minimum and we have not quoted the similar offer as per the quoted configuration on lesser rates than those being offered to AIIMS, New Delhi to any other customer nor will do so till the validity of offer or execution of purchase order, whichever is later.

For Premas Life Sciences Pvt. Ltd.



[Handwritten signatures]