

## Covering Letter

NIPL/152/I11102022/01  
Tender ID: 31240

Date:12-10-2022

To,  
Slovak Agricultural University in Nitra,  
Slovakia-94976

**Sub: "Tender for Genotyping of the Holstein breed of cattle II"**

Dear Sir / Madam,


This is to inform you that we would like to submit a Tender proposal for **"Tender for Genotyping of the Holstein breed of cattle II"**. Nucleome Informatics Private Limited is the only company in India to offer **Next Generation Sequencing** services using short read genome sequencer **Illumina NovaSeq 6000 (qty. 2), HiSeq 2500(qty. 2) and long read genome sequencer PacBio Sequel II (qty. 1) and Gene Titan**. We also have India's first **AgilentFEMTO Pulse and Megarupture 3** for ultra-high molecular genomics DNA QC and library preparation. Nucleome also houses **India's largest HPC** available with any private genomics company which is capable of analyzing 96 human genomes in a day. Nucleome is selected as the **authorized sequencing laboratory in Asia of the Vertebrate Genomes Project**. Our team has completed several next-generation sequencing & data analysis projects with **Indian & foreign clients from the USA, Australia, Netherlands, UK, Italy France, and Switzerland**. Nucleome Informatics Pvt. Ltd. is specialized in next-generation sequencing & bioinformatics analysis services providing the following NGS services with complete bioinformatics support:

Whole Genome Sequencing  
Genotyping by Sequencing (RAD Sequencing)  
Proteomics Services  
Exome Sequencing  
Bioinformatics Analysis

Microarray Services  
RNA Sequencing  
Meta Genomics  
ChIP Sequencing  
DNA Sequencing & Primer Synthesis

We request you to accept our proposal & provide us an opportunity to work with your esteemed organization.

Best Regards

  
Authorized Signatory  
Nucleome Informatics Pvt Ltd

## Technical Specification

### Axiom™ Bovine Genotyping v3 Array (384HT format)

Total Number of samples: 4800

Concentration: 2-3µg, Volume:50µL, in DEPC or Nuclease free water, Elution buffer provided in the Kit

### Product Overview

The Applied Biosystems Axiom Bovine Genotyping v3 Array has >63,000 markers and is designed for genomic and trait selection and parentage verification of cattle. The single-nucleotide polymorphisms (SNPs) on the array were selected based on their position in the bovine genome, ensuring even spacing. These include VIP trait-associated SNPs that are publically available, ISAG core parentage markers, and 44,000 markers from the Council on Dairy Cattle Breeding (CDCB). SNPs optimized for STR imputation (1) are also included in the array content. This array is also available in mini-96 format.

Traits associated with fertility are on the Y-chromosome, so over 500 markers on the Y-chromosome are included in this array. The array also contains >10,000 Bos indicus markers of approximate equal coverage across the Bos indicus genome to avoid gaps.

### Applications

- Parentage analysis
- Identification of economically important traits
- Dairy evaluation
- Genetic improvement of pure lines

### Specifications

**Number of Arrays-** 384

**Format-** 384 HT-Array Plate

**Species-** Bovine

**For Use With (Application)-** Microarray Analysis



## Terms & Conditions:

### Project Registration and Sample Shipment:

- It is mandatory to submit a sample submission form before the sample(s) shipment. Samples not accompanied with sample submission and project registration forms or incomplete information shall be kept ON HOLD until we receive the sample submission Form duly filled with complete information.
- Nucleome will follow the final quantity and concentration of samples checked at our QC lab.

### Project Management:

- Nucleome considers the receipt of client samples or client PO as an acknowledgement and acceptance of the terms and conditions of this quote.
- Nucleome reserves the right to re-quote this project if the scope of the project changes, in such case Nucleome will not be required to perform the project unless both parties agree on the terms of the revised quotation.
- The service provided is for research purposes only, not for clinical or diagnostic use.
- We are ready to sign confidentiality agreement and work contract based on mutual agreement to protect any IP or our client's data.
- Turnaround time in the quote is calculated based on the input provided by the client. Any change in the date of delivery due to any reason will be updated to the client with proper justification and new expected date of delivery.

### Sample and Data Storage:

- All remaining samples will be destroyed by Nucleome 6 months after data delivery and Nucleome will not be responsible for the return of unused samples.
- All data will be deleted by Nucleome 6 months after shipment to the customer. Please contact your Nucleome representative for the associated costs to retain data beyond the 30-day period.

### Validity & Delivery:

The validity of the contract is 24 months from the End date of the bid.



**Billing & Payment:**

- The price includes sample isolation, quality control, library construction, sequencing, data quality control and analysis.
- The invoice will be issued based on the services rendered according to this quote.
- Client can pay by Cheque / DD/ RTGS or WIRE transfer in favor of “Nucleome Informatics Private Limited”, payable at Hyderabad. Bank details will be provided along with the invoice.
- Upon Nucleome’s receipt of client samples or client PO, the client agrees to pay the entire amount of each invoice issued by Nucleome within 15 days from the date of the invoice.
- Price information is CONFIDENTIAL to the parties directly involved with this project; the sole authority of copyright laws shall be beheld by the PI only.
- The delivery shall be made on FOR basis to Slovak Agricultural University in Nitra, Slovakia-94976.



**INHOUSE CERTIFICATES**

**Thermo Fisher Scientific**  
Invitrogen Bioservices India Pvt.Ltd  
First Technology Place, 3 EPIP,  
Whitefield, Bengaluru. 560066. India  
T +91 80 41785401  
www.thermofisher.com  
CIN: U73100KA2004PTC035330

**To whomsoever it may concern**

Date :02<sup>nd</sup> August 2021


**To:**  
**Nucleome Informatics Private Limited**  
**2nd Floor, Genome Block, Plot No 135**  
**Mythrinagar Phase I, Madinaguda,**  
**Hyderabad - 500049.**

Dear Sir/Madam,

Thank you for placing your purchase order No: NIPL/MBE/21072021/01 Dated July 21, 2021 with us. order Description - Genetitan with Anceilleries.

We have processed the order as per the confirmation we will share the SO details at the earliest. and also you will be receiving another automated order confirmation email very soon.

For Invitrogen Bioservices India Private Limited

  
Authorized Signatory

**nucleome**

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1305 O'Brien Dr | Menlo Park, CA 94025 | USA  
Tel: 1-888-920-7222 Option 1 | Email: [orders@pacbionucleome.com](mailto:orders@pacbionucleome.com)

15 Sept 2021

To Whom It May Concern

**Nucleome Informatics Pvt Ltd is the only Sequel II service provider in India**

This is to confirm that Nucleome Informatics Pvt Ltd is the only Sequel II service provider in India

This certificate is valid until further notice.

Your faithfully,



Deryi Mu  
President & General Manager - APAC



**nucleome**

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**Premas Life Sciences Pvt. Ltd.**  
E49/5, IInd Floor  
Okhla Phase II, Okhla Industrial  
Area, New Delhi, 110020, India  
CIN: U51909DL2011PTC217592  
GSTIN No.: 07AAGCP0079F1Zl

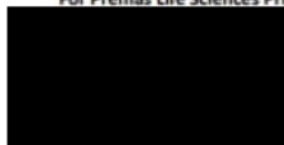
**TO WHOM SO IT MAY CONCERN**

**Reference: Purchase order No. NIPL/MBE/15072021/01 dated July 15, 2021**

This is to confirm that Nucleome Informatics Pvt. Ltd., has issued PO for Illumina NovaSeq 6000 Sequencing System to be installed at Nucleome Informatics Pvt Ltd, NKC Centre For Genomics Research, 2ND Floor, 3Cube Towers, 2-93/8 & 9, White Field RD, HITECH City, Hyderabad, Hyderabad -500081.

Yours faithfully,

**For Premas Life Sciences Private Limited.**



**Authorized Signatory**







## Company Documents

Incorporation Certificate

प्रारूप 1  
पंजीकरण प्रमाण-पत्र

कॉर्पोरेट पहचान संख्या : U24230GJ2012PTC072774

2012 - 2013

मैं एतद्वारा सत्यापित करता हूँ कि मैसर्स

NUCLEOME INFORMATICS PRIVATE LIMITED

का पंजीकरण, कम्पनी अधिनियम 1956 (1956 का 1) के अंतर्गत आज किया जाता है और यह कम्पनी प्राइवेट लिमिटेड है।

यह निगमन-पत्र आज दिनांक तेईस नवम्बर दो हजार बारह को अहमदाबाद में जारी किया जाता है।

Form 1  
Certificate of Incorporation

Corporate Identity Number : U24230GJ2012PTC072774

2012 - 2013

I hereby certify that NUCLEOME INFORMATICS PRIVATE LIMITED is this day incorporated under the Companies Act, 1956 (No. 1 of 1956) and that the company is private limited.

Given at Ahmedabad this Twenty Third day of November Two Thousand Two



Registrar of Companies, Gujarat, Dadra and Nagar Haveli

कम्पनी रजिस्ट्रार, गुजरात, दादरा एवं नगर हवेली

\*Note: The corresponding form has been approved by VILAS SAMBHAJI HAJARE, Assistant Registrar of Companies and this certificate has been digitally signed by the Registrar through a system generated digital signature under rule 5(2) of the Companies (Electronic Filing and Authentication of Documents) Rules, 2008. The digitally signed certificate can be verified at the Ministry website ([www.mca.gov.in](http://www.mca.gov.in)).

कम्पनी रजिस्ट्रार के कार्यालय अभिलेख में उपलब्ध पताचार का पता :

Mailing Address as per record available in Registrar of Companies office:

NUCLEOME INFORMATICS PRIVATE LIMITED

G-901, SAFAL PARISAR, SOUTH BOPAL, SP RING ROAD, BOPAL,

AHMEDABAD - 380058,

Gujarat, INDIA







**nucleome**

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**DSIR**

दूरभाष/TEL : 25562819, 25567373  
(EPABX) : 25565894, 25562133  
सूचना का अधिकार  
RIGHT TO INFORMATION  
फैक्स/FAX : 25565897, 25562144  
: 25562134, 25562122  
वेबसाइट/Website : 25560629, 255629745  
http://www.dsir.gov.in



भारत सरकार  
विज्ञान और प्रौद्योगिकी मंत्रालय  
वैज्ञानिक और औद्योगिक अनुसंधान विभाग  
टेक्नोलॉजी भवन, नया महेराली मार्ग,  
नई दिल्ली - 110016  
GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE AND TECHNOLOGY  
Department of Scientific and Industrial Research  
Technology Bhawan, New Mehrauli Road,  
New Delhi - 110016



F. No. TU/IV-RD/4503/2021

Dated: 28<sup>th</sup> October, 2021

M/s. Nucleome Informatics Pvt. Ltd.  
R&D wing, 2<sup>nd</sup> Floor, Genome Block,  
Plot No.135, Mythrinagar Phase-1, Madinaguda,  
Hyderabad - 500 049  
(Telangana)

Subject: Registration of Research Institution, other than a Hospital, for the purpose of availing Customs duty exemption in terms of Government Notifications No. 51/96 - Customs dated 23.07.1996; No. 24/2007 - Customs dated 1.03.2007; No. 43/2017 - Customs dated 30.06.2017; No. 45/2017-Central Tax (Rate) & 47/2017-Integrated Tax (Rate) dated 14.11.2017; No. 9/2018 - Central Tax (Rate), No. 09/2018 Union Territory Tax (Rate) & No.10/2018-Integrated Tax (Rate) dated 25.01.2018; and State Tax (Rate) as applicable and all notification as amended from time to time.

**CERTIFICATE OF REGISTRATION**

This is to certify that the in-house R&D unit(s) of M/s. Nucleome Informatics Pvt. Ltd. located at 2<sup>nd</sup> Floor, Genome Block, Plot No.135, Mythrinagar Phase-1, Madinaguda, Hyderabad (Telangana) is/are registered with the Department of Scientific & Industrial Research (DSIR) for purpose of availing customs duty exemption in terms of Government Notification No. 51/96 - Customs dated 23.07.1996, No. 24/2007 - Customs dated 1.03.2007; No. 43/2017 - Customs dated 30.06.2017; No. 45/2017-Central Tax (Rate) & 47/2017-Integrated Tax (Rate) dated 14.11.2017; No. 9/2018 - Central Tax (Rate), No. 09/2018 Union Territory Tax (Rate) & No.10/2018-Integrated Tax (Rate) dated 25.01.2018; and State Tax (Rate) as applicable and all notification as amended from time to time. The registration is subject to terms and conditions mentioned overleaf.

This registration is valid upto 31.03.2024.






(Amended)

**Government of India**  
**Form GST REG-06**  
*[See Rule 10(1)]*

**Registration Certificate**

**Registration Number :36AAECN1837F1ZL**

1.	Legal Name	NUCLEOME INFORMATICS PRIVATE LIMITED			
2.	Trade Name, if any	NUCLEOME INFORMATICS PRIVATE LIMITED			
3.	Constitution of Business	Private Limited Company			
4.	Address of Principal Place of Business	2nd Floor, 2-93/ 8 9, 3 Cube Towers, White Field Road, Hitech City, Hyderabad, Telangana, 500081			
5.	Date of Liability				
6.	Date of Validity	From	20/01/2021	To	Not Applicable
7.	Type of Registration	Regular			
8.	Particulars of Approving Authority				
Signature					
Name					
Designation					
Jurisdictional Office					
9.	Date of issue of Certificate	05/10/2021			
Note: The registration certificate is required to be prominently displayed at all places of Business/Office(s) in the State.					

This is a system generated digitally signed Registration Certificate issued based on the deemed approval of application on 05/10/2021 .



**Details of Additional Place of Business(s)**

GSTIN	36AAECN1837F1ZL
Legal Name	NUCLEOME INFORMATICS PRIVATE LIMITED
Trade Name, if any	NUCLEOME INFORMATICS PRIVATE LIMITED

Total Number of Additional Places of Business(s) in the State 0





	भारत सरकार Government of India सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय Ministry of Micro, Small and Medium Enterprises		
	Udyam Registration Number : UDYAM-TS-09-0004173		

Type of Enterprise	SMALL	Major Activity	Services
Type of Organisation	Private Limited Company	Name of Enterprise	M/S NUCLEOME INFORMATICS PRIVATE LIMITED
Owner Name	M/S NUCLEOME INFORMATICS PRIVATE LIMITED	PAN	AAECN1837F
ITR for Previous Year	Yes	ITR Type	ITR - 3, 5, 6
Do you have GSTIN	Yes	Mobile No.	9985823215
Email Id	dushyant@nucleomeinfo.com	Social Category	General
Gender	Male	Specially Abled(DIVYANG)	No
Date of Incorporation	23/11/2012	Date of Commencement of Production/Business	23/11/2012

## Bank Details

Bank Name	State Bank Of India
IFS Code	SBIN0030488
Bank Account Number	33531793488

## Employment Details

Male	20
Female	5
Other	0
Total	25

## Investment in Plant and Machinery OR Equipment (in Rs.)

Written Down Value (WDV) as on 31st March of the Previous Year 2018-19 (A)	3480704
Exclusion of cost of Pollution Control, Research & Development and Industrial Safety Devices during 2018-19	0
Net Investment in Plant and Machinery OR Equipment[(A)-(B)]	3480704
Total Turnover (A) during 2018-19	73700432
Export Turnover (B) during 2018-19	0
Net Turnover [(A)-(B)]	73700432

## Unit(s) Details

SN	Unit Name	Flat	Building	Village/Town	Block	Road	City	Pin	State	District
1	Nucleome Informatics Private Limited	2nd Floor	Genome Block	Madinaguda		Plot No 135, Mythrinaragar Phase I	Hyderabad	500049	TELANGANA	RANGA REDDI





## Official address of Enterprise

Flat/Door/Block No.	2nd Floor	Name of Premises/ Building	Genome Block
Village/Town	Madinaguda	Block	Plot no 135
Road/Street/Lane	Myhtrinagar Phase I	City	Hyderabad
State	TELANGANA	District	RANGA REDDI , Pin : 500049
Mobile	9985823215	Email:	dushyant@nucleomeinfo.com

## National Industry Classification Code(S)

SNo.	Nic 2 Digit	Nic 4 Digit	Nic 5 Digit	Activity
1	74 - Other professional, scientific and technical activities	7490 - Other professional, scientific and technical activities n.e.c.	74909 - Other professional, scientific and technical activities n.e.c.	Services

Are you interested to get registered on Government e-Market (GeM) Portal	Yes
Are you interested to get registered on TReDS Portals(one or more)	Yes
DIC	RANGAREDDY
MSME-DI	HYDERABAD
Date of Udyam Registration	21/10/2020

