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

Ref. No. 03/Prop/CCRF/AIIMS/18-19/ST

Dated: 15.09.2018

Subject: Purchase of NanoString nCounter Sprint System, Deptt. of CCRF on proprietary basis-Inventing Comments thereon.

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To purchase the subject item from M/s Imperial Life Sciences. (Mfg. by M/s Nanostring Technologies Inc, 530 Fairview Ave N, Suite 2000, Seattle WA) on proprietary basis. The proposal submitted by M/s Imperial Life Sciences and Performa Invoice 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. 03/Prop./CCRF/AIIMS/18-19/St.** The comments should be received by office of Stores Officer (RS), Research Section at AIIMS on or before **29/09/2018 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

Technical Specifications of "Nanostring nCounter System"- 1 No.

1. Enzyme free, direct, multiplex Digital Quantification System for Nucleic Acids & Proteins.
2. The integrated system should provide quantitative, multiplexed, direct digital gene expression analysis of individual biomolecules (DNA, RNA, miRNA, long non-coding RNA, protein) in a single reaction without any enzymatic steps, amplification and library preparation.
3. The system should allow simultaneous profiling of mRNA &miRNA in a single reaction with a fold change sensitivity of > 1.5 fold for a target present at > 5 copies per cell.
4. The integrated system should allow direct, digital quantification and multiplexing of at least 200 targets in a single tube for RNA, miRNA, long non-coding RNA, DNA & protein.
5. The integrated system should be able to measure RNA, DNA & protein simultaneously of the same sample for generation of multi-omics data.
6. The integrated system should be automated with less than 15 minutes hands-on time for sample preparation without the need of RNA to cDNA conversion or amplification for analysis of RNA and DNA.
7. The system should support direct analysis of cell lysate, extracted RNA & DNA from various sources including samples such as formalin-fixed paraffin embedded RNA or DNA samples.
8. The technology should be competent to perform wide applications including quantification of mRNA &miRNA expression, Single Nucleotide Variations (SNVs), Copy Number Variation (CNV), Fusion Gene Analysis (breakpoint locations and junction sequences), Karyotyping, ChiP/ RNA Immunoprecipitation (RIP) etc.
9. It should have flexibility of pre-designed and customizable fusion panels for all the above applications.
10. The system should be capable of running 12 and 24 samples per run with the option of multiplexing low-density targets and higher sample capacity.
11. All available software for running, acquisition and analysis for all the applications should be provided. The company should also provide the regular upgrades & updates related to the software free of cost for at least 10 years
12. Should provide vibration free table/ platform for complete installation of the system
13. The vendor should provide list of all the kits, cartridges and reagents compatible with the quoted system along with itemized pricing in the tender. The list should clearly mention the Catalogue No., Name and description of product for each of the quoted item. The prices for consumables should be frozen for next 5 years. In case of decrease in the price, the vendor shall pass on the benefit to the institute.
14. Itemized pricing of all the accessories and spares of the equipment to be provided in this tender should be quoted. Failure to quote such pricing would mean that all such consumables shall be provided FOC by the vendor during the tenure of the contract. The vendor should submit separate undertaking regarding its compliance in the technical bid.
15. Reagents and kits sufficient to process 100 samples of DNA, RNA and proteins each should be provided free of cost at the time of installation.
16. System should be supplied with all the latest and original licensed software with installation media. The vendor should supply an independent offline complete workstation & an Institute

license for five years for all the software with a facility for 10 users to be logged in simultaneously, where applicable.

17. The system should be complete with all latest upgrades of hardware, operating systems and softwares for its efficient and smooth functioning.
18. Vendor should provide complete OQ & PQ characteristics for all the applications that can be run in this equipment at the time of installation. The vendor should perform annual calibration for all the above applications FOC to the user during the 5 years warranty period.
19. It should offer FOC Online tools support for customization of laboratory developed assays.
20. Vendor should quote and provide latest state of the art model launched anywhere worldwide at the time of supply. Any equipment or accessory required for smooth and efficient workflow shall be provided with the system.
21. Vendor should provide extensive on-site training for system and software by trained application specialist for initial 6 months after successful installation of the equipment
22. System should be quoted with five years complete cover warranty and additional five years of Comprehensive AMC.
23. Company must have strong after-sales technical and service support and must ensure that all faults are rectified within 48- hrs.

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GENERAL CLAUSES

1. Only Principal Companies or Authorized Distributors from Principal companies should quote. Quotations from non - authorized distributors will not be entertained. Features in the quotations should be substantiated with proper Principal Company Catalogue.
2. Should be CE (Europe)/UL /EMC/CSA certified and IVD compliant/certified.
3. Copies of all certifications e.g. Quality Standard certificate, technology, Principal company/Authorised Distributorship should be attached with the quotations.
4. In-House Service Engineers from principal company/ or authorised agents should be available in India on one-day notice basis in case of emergency (this will apply for those equipment wherein this clause is not built into the specification).
5. Compliant points should be given (in the sheet) in order of the specifications' serial order. Compliant points should be highlighted in the company catalogue with page number.
6. Must include: User's list with telephone numbers and email address.
7. Vendor should submit an undertaking from the original equipment manufacture the responsibility of maintenance in case of merger or acquisition.
8. A performance certificate from at least 2 users should be provided.

Warranty and CAMC:

- The **5-years** comprehensive warranty from the date of satisfactory Installation.
- **Post warranty 5-years CAMC (6^{th} to 10^{th} year);** after completion of the 5 years warranty period with spares and labour. The price of CMC will be added to cost of the equipment for calculating final ranking of (L-1) on the basis of Net Present Value (NPV).
- **Penalty clause**: Direct presence in India with strong after-sales technical and service support and must ensure that all faults are rectified within 48-hours, failing which would lead to extension of warranty by twice the period of downtime. The warranty should be all inclusive.

Justification for Proprietary Article: Nanostring nCounter System

The CCRF is a central facility of the institute and therefore state of art latest are required to be installed in the CCRF. An enzymatic-amplification free system for evaluation of DNA, RNA and protein from various sources especially paraffin embedded tissues with ability for expression studies and fusion gene detection is required.

As per extensive web search, consultations with experts and available information and in light of previous purchase of similar equipment in the other institutes on proprietary basis, it is suggested that the equipment may be procured on proprietary basis and the technical specifications of the requisite equipment may be uploaded on Institute website as per store purchase rules to invite comments/objections from other vendors, if applicable.

ILS/2017-18/AIIMS/0315R
Date: 06/01/2018

The Director
All India Institute of Medical Sciences
Ansari Nagar
New Delhi - 110 029

Kind Attn. : The Professor & Head, Laboratory Oncology Unit

Subject: Quotation for nCounter® Sprint System

S. No	Cat #	DESCRIPTION	Unit Price	Qty	Total Price
Make: nanoString Technologies, USA					
01	NCT-SPRINT-1Y	**nanoString nCounter® Sprint System** nCounter SPRINT™ Profiler For Research Labs An affordable benchtop device used to analyze differential expression of genes and proteins. **Maximize Sample:** Analyzes 10 - 100s of targets simultaneously using single-tube multiplexing, and avoid waste by eliminating RNA extraction; process crude cell lysates from as few as 2,500 cells. **Boost Productivity:** Enjoy an intuitive workflow that requires only ten minutes of hands-on time from sample to data. **Simplify Data:** Results can be generated in a simple CSV file that contains direct counts for each target. Import it into your favorite application or use the included nSolver™ Analysis Software for convenient data analysis. **Detect Small Fold Changes:** Eliminate cDNA synthesis, amplification*, and library prep so you experience less technical variation in your assay. *Single Cell Assays require amplification prior to sample processing and data collection **Hands-on Time** • Prepare hybridized samples: 5 minutes • Initiate run on SPRINT Profiler: 5 minutes		1	

Imperial Life Sciences Pvt.Ltd.
463, Pace City II, Sector - 37, Gurgaon - 122 001 Haryana, India
T : + 91 124 455 9800 - 99
F : + 91 124 455 9801
E : info@imperialls.com
www.imperialls.com

Run Time
• 6 hours, 10 minutes
Runs per Day
• 2 runs
Throughput
•24 samples per day (12 samples per run)
nCounter Cartridge Format
• Microfluidic process can purify hybridized samples and collect data in one device.

Platform Specifications-

Level of multiplexing	:	Up to 800 targets
Recommended amount of starting material	:	**RNA:** - 25 ng > 400 target plex - 50 ng < 400 target plex **DNA:** 150 ng **RNA:Protein:** 200-2,500 cell equivalent lysates
Sample types supported	:	Total RNA, cell lysates in GITC, FFPE-derived total RNA, and PAXgene lysed whole blood
Reaction volume	:	Up to 35 µL
Limit of detection	:	15 zeptomole spike-in control
Fold change sensitivity	:	> 1.5-fold (> 5 copies per cell) > 2-fold (> 1 copy per cell)
Spike correlation	:	$R^2 \geq 0.95$
Linear dynamic range	:	6×10^5 total counts
Throughput	:	12 lanes per 6 hours
Runs per Day	:	2 runs (In total 24 samples per Day)
Controls	:	Assay dependent

Core Consumables-

- nCounter *SPRINT* Cartridge
- nCounter *SPRINT* Reagent Pack

Hardware Specifications-

Operating temperature	:	18-28°C
Humidity	:	30-80% (non-condensing)
Pollution degree	:	2
Power source	:	100-240 VAC, 50-60 Hz
Dimensions	:	91 x 76 x 53 cm
Weight	:	81.65 kg

		Included Software **For Design :** nDesign™ Gateway **For Operation** : nCounter *SPRINT*Control Center **For Analysis :** nDesign™ Gateway nSolver Analysis Software			
02	**TBD-01**	Training and installation kit		**01**	
03	**WT-01**	**Comprehensive Warranty for a period of One (1) year** from the date of completion of satisfactory installation from manufacturer.			
04	**WT-04**	**Extended Comprehensive Warranty**		**04 year**	

Terms and Conditions (INR)

1) Validity: The above Quoted rates are valid for 60 days from the date of quotation.
2) The above quoted rates are F.O.R. upto Institute based on the concessional custom duty against issue of custom duty exemption certificate from the Institute under custom notification 51/96. Incase CDEC is not been provided under custom notification 51/96 then full duty and IGST will be charged extra OR as per actual.
3) Kindly release the order in the name of M/s Imperial Life Sciences (P) Limited and supplies shall also be made through us. Address is as follows :
   Imperial Life Sciences (P) Limited
   Plot No 463, Pace City II, Sector – 37
   Gurgaon – 122 001, Haryana

4) **Warranty** : Five Years from the date of installation or 61 months from the date of shipment whichever is earlier.

5) **Annual Comprehensive Maintenance Contract** (including all spares and Labor) for a period of 5 years on yearly basis after completion of Warranty period of 5 years will be :

- 1st Year :
- 2nd Year :
- 3rd Year :
- 4th Year :
- 5th Year :

6) Delivery periods shall be 6-8 weeks from the date of receipt of your technically and commercially clear order including receipt of payment / LC details.

7) Following Document are required:

- **DSIR Certificate (One time document)**
- **IEC copy (One time document)**
- **Authorization letter in favor of M/s Imperial Life Sciences (P) Limited or their authorized clearing agents to clear the goods on their behalf (One time document).**
- **Original Purchase Order duly signed & stamped.**
- **Original Duty Exemption Certificate singed by the head of the Institute on the Institution Letterhead.**
- **Attested Proforma Invoice**

8) **Payment :** 100% payment in advance through **Inland irrevocable Letter of Credit** against delivery & installation in favor of **"Imperial Life Sciences Pvt. Ltd".**

9) **Banker Details** : Corporation Bank
Meenakshi Public School, Sector-10A,
Khandsa Road, Gurgaon - 122 001
Account .No.: 211201801120001
Account Status : Over Draft (CVPOD)
IFS CODE :- CORP0002112 ; BRANCH CODE : 2112

10) Installation & training will be done by Imperial life Sciences Pvt. Ltd. free of cost.
11) All supplies and terms are subject to exclusive Gurgaon jurisdiction only.
12) GST No : 06AABCI5252Q1Z8
13) Our CST # 06781929050 ; PAN# AABCI5252Q
14) All orders should be forwarded to info@imperialls.com

With best wishes
For Imperial Life Sciences (P) Ltd

Authorized Signatory

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May 17, 2018

To Whom It May Concern

Proprietary and Sole Source certificate for nCounter Sprint Profiler system

This letter is to inform you that NanoString Technologies is the sole manufacturer of the nCounter Sprint Profiler system, along with it's associated reagents and consumables. No similar or compatible instrumentation, reagents, or consumables are available from other manufacturers.

Yours sincerely,

Jay Manikandan, Ph.D.
Distribution Sales Manager
NanoString Technologies
jmanikandan@nanostring.com | +65 9180 8074