

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

Ref. No. 08/Prop/CCRF/AIIMS/2018-19/St.

Dated: 19.11.2018

Subject: Purchase of 48 Capillary Genetic Analyzer - 01 Nos., 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 Vision Diagnostics (I) Pvt. Ltd. (Mfg. by M/s Applied Biosystems (part of M/s Thermofisher Scientific) on proprietary basis. The proposal submitted by M/s Vision Diagnostic (I) 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. 08/Prop/CCRF/AIIMS/2018-19/St.** The comments should be received by office of Stores Officer (RS), Research Section at AIIMS on or before **03/12/2018 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

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

PROPRIETARY/SPECIFIC BRAND GOODS CERTIFICATE

- | | | |
|---|--|---|
| 1 | Item/Type/Model No. required along with specification | 48 capillary DNA analyzer |
| 2 | Is the item a spare part attachment or accessory for an existing equipment | No |
| 3 | Name of the manufacturers/Supplier of the item proposed by the indenter | Applied Biosystems |
| 4 | Are they sole manufacturers/sold Distributors of the item. | Yes |
| 5 | Is there any other item with similar/equivalent specification available in the market to meet the hob requirement envisaged? If the answer is yes, why the same can't be procured. Demanding officer should bring out comparative functional advantages/ 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. | Global tender was advertised by the AIIMS |
| 7 | Why open/limited tender can't be resorted to, for locating alternative source. | This is a proprietary item as per documents submitted by firm |
| 8 | Are the proprietary items certifying that the rates are reasonable or not. | Yes |
| 9 | Any other justification for procuring item single. | May be uploaded on website |

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 advantage 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.)+

(Indenting Officer)

Principal Investigator

Madhulika
डॉ. मधुलिका काबरा/Dr. Madhulika Kabra
आचार्य/Professor
आनुवंशिकी एका (बालरोग चिकित्सा विभाग)
Division of Genetics (Dept. of Pediatrics)
अ.म.शा.सं., नई दिल्ली/AIIMS, New Delhi-29
DMC Regn. No. 16800

*2.5 apr
19/3/18*
DR RITU GUPTA, MD, DNB, MNAMS
Professor & Head of Laboratory Oncology
Dr. BR Ambedkar Institute Rotary Cancer Hospital,
All India Institute of Medical Sciences,
Ansan Nagar, New Delhi - 110029
Delhi Medical Regn. No. 7517

Madhulika
Dr. Madhulika Roy Chowdhury
Senior Scientist
Division of Genetics,
Department of Pediatr
All India Institute of Medical
New Delhi - 1100

डॉ. गुरविन्दर कौर Dr Gurvinder Kaur
वैज्ञानिक-प्राथमिक, प्रयोगशाला अर्जुनविज्ञान इकाई

Technical Specifications of "48-Capillary Genetic Analyzer"-1 No

Tentative Cost- 400 lacs

1. A fully automated 48 capillary DNA sequencer for Sanger sequencing with integrated plate stacker for at least 16 microplates.
2. System should have laser with primary excitation at 488 and 515 nm and a Peltier CCD for multicolour detection.
3. Simultaneous and continuous excitation and detection of all the capillaries for uniform signal intensity and high Signal to Noise ratio.
4. Dual side illumination for uniform optical detection across the array.
5. It should be able to read ≥ 550 bases and at a base resolution of single base pair
6. System should be capable of running both sequencing as well as genotyping applications simultaneously.
7. The instrument must be able to simultaneously inject 48 samples from either a 96- well or 384-well sample plate.
8. System should have capability for automated sample plate tracking, matrix filling, sample injection, run and data analysis.
9. Internal bar code reader for sample tracking and loading / unloading plates for automatic run rescheduling.
10. System should be upgradable to 96 capillaries and accommodate newer dyes, latest versions of available kits and applications for atleast next 10 years
11. The instrument must use a separation matrix that dynamically coats the walls of capillary arrays to control for electro-osmotic flow.
12. System should have adjustable run parameters, provision for switching between capillary lengths, separation matrices and chemistry kits to offer flexibility.
13. All the software for running, acquisition and analysis for all the applications must be provided including sequence analysis and reporting for SNP validation and screening, microsatellite analysis and sizing, for variant identification and SNP discovery applications etc.
14. The vendor should also provide regular updates and upgrades relating to software free of cost for at least 10 years.
15. System should be quoted with a compatible latest data analysis system, colour CMYK laser printer and compatible online UPS for at least 60 minutes back up.
16. The vendor should supply an independent offline complete workstation & an Institute license 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 software for its efficient and smooth functioning.
18. The vendor should provide a list of all the kits, cartridges, calibrators 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.

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19. Itemized pricing of all the accessories and spares of the equipment should be provided. 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
20. Reagents and kits sufficient to process and sequence 500 samples and an extra 36cm, 50 cm capillary each should be provided free of cost at the time of installation.
21. 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.


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. On-site training for system and software by trained application specialist should be provided for initial 6 months after successful installation of the equipment
6. Vibration free table/ platform for complete installation of the system to be provided by the vendor
7. 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.
8. Must include: User's list with telephone numbers and email address.
9. Vendor should submit an undertaking from the original equipment manufacture the responsibility of maintenance in case of merger or acquisition.
10. A performance certificate from at least 2 users should be provided.

Warranty & CAMC:

- The **5-years** comprehensive warranty from the date of satisfactory Installation.
- **Post Warranty 5- years CAMC (6th to 10th years)**; after completion of the 5-years warranty period with spares and labour. The price of CAMC will be added to cost of the equipment for final ranking (L-1) on 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.



 *P. K. Kulkarni*
Kapoor

 *W. J. J.*
 *Devdion*


Justification for Proprietary Article: 48-Capillary Genetic Analyzer

The CCRF is a central facility of the institute and therefore a high-throughput analyzer with capability of Sanger Sequencing, genotyping analysis, fragment analysis and various other sequencing related applications is required.

As per extensive web search, consultations with experts and available information and in light of previous purchase of similar equipment in the institute 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.

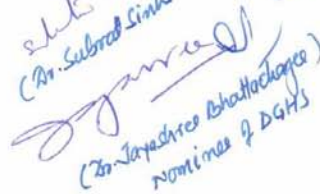

(Dr. Gurinder Kumar)

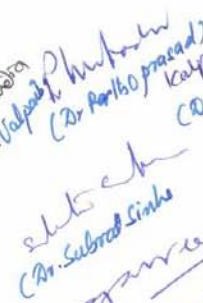

(Dr. Gurinder Kumar)


(Dr. Parmit Kumar)

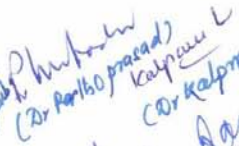

(Dr. Parmit Kumar)


(Dr. A. Vasanth)

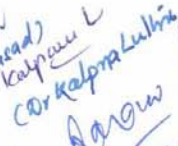

(Dr. Jayashree Bhattacharya)
nominee of DGH

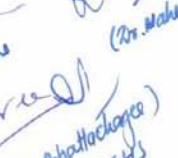

(Dr. Subrat Sinha)

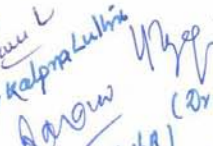

(Dr. Subrat Sinha)


(Dr. Partho Prasad)

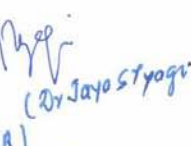

(Dr. Partho Prasad)

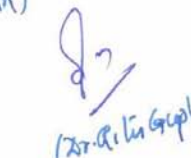

(Dr. Kalpra Kumar)


(Dr. Kalpra Kumar)


(Dr. Mahesh A)


(Dr. Mahesh A)


(Dr. Jaya S Tyagi)


(Dr. Jaya S Tyagi)


(Dr. R. L. Gupta)


(Dr. R. L. Gupta)


TO WHOM-SO-EVER IT MAY CONCERN

This is to certify that the Applied Biosystems 3730 DNA Analyzer having the Part Number 3730S manufactured under brand by Applied Biosystems (Part of ThermoFisher Scientific) has the following proprietary/unique features combined in a single instrument system:

1. The system uses internally uncoated -an array of 48 capillaries (can be up graded to 96 capillaries) with patented Performance Optimized Polymer which enhance the capillary life and run time considerably
2. The system is a fully automated platform with a choice of either 96 or 384 well sample plate, which provides complete walk away automation.
3. The system uses single argon ion laser tuned to 488 nm & 514.5nm to excite all the 5 dyes. Detection system composed of a spectrograph and a backside-thinned Peltier –cooled charged coupled device (CCD) provides multicolor detection.
4. Software generated “virtual filters” for fluorescent detection and it will readily accommodate new dyes and applications as they become available without requiring changes in the optical hardware.
5. The system is capable of running “one polymer one array” for both the sequencing and genotyping application, enabling the user to seamlessly switch between sequencing and fragment analysis runs, even in the same plate.
6. The instrument has an integrated sample plate stacker capable of housing 16 sample plates. The instrument allows users to add or remove sample plates from the instruments without interrupting the run in progress.
7. The system is capable of detect and analyze 5-dye simultaneously for genotyping applications and uses the sixth generation Big Dye Terminator version 1.1 & 3.1 chemistry for the sequencing applications.
8. The instrument has an internal barcode reader that scans and recognizes the following types of barcodes on sample plates: Code128, Code 39, code 93, LOGMARS and EAN-8.The scanning takes place automatically and without user intervention.

All the features mentioned above are incorporated in Applied Biosystems 3730 DNA Analyzer. No other company manufactures 48 capillary system and only Applied Biosystems 3730 offers all the unique features mentioned above, together, in one single instrument system.

For Invitrogen Bioservices India Pvt Ltd.


Authorized Signatory



TO WHOM-SO-EVER IT MAY CONCERN

This is to certify that the Applied Biosystems 3730 DNA Analyzer having the Part Number 3730S manufactured under brand by Applied Biosystems (Part of ThermoFisher Scientific) has the following proprietary/unique features combined in a single instrument system:

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For Invitrogen Bioservices India Pvt Ltd.

Navya
Authorized Signatory

Registered Office :
Invitrogen BioServices India Pvt. Ltd
2nd Floor, First Technology Place, 3 EPIP Whitefield, Bangalore 560 066
T+91 80 41785401, 41785400, F+ 91 80 41680430, 41259423
www.thermofisher.com CIN: U73100KA2004PTC035330



TRUE COPY ATTESTED

ADVOCATE
Rajd. No-1680
Notary Public
Ghaziabad

31/07/2004

27th February 2018

Director,
All India Institute of Medical Sciences
Ansari Nagar
New Delhi – 110 029.


Subject : Letter informing as M/s. Vision Diagnostics India Pvt. Ltd. as Authorized Dealer.

Reference: Your requirement of 3730 / 3730xl Capillary Sequencing System.

Dear Sir,

We hereby authorize M /s. Vision Diagnostics India Pvt. Ltd. A-10, 2nd Floor, Acharya Niketan, Mayur Vihar Ph-1, Delhi-110091, to quote our 48/96 capillary system (model 3730/3730xl) to your esteemed Institution. M/s. Vision Diagnostics India Pvt. Ltd., will directly submitting the quotation, accept orders for supply, make supply, invoice for such supplies made and collect the payment thereof.

Yours faithfully,
For Invitrogen Bioservices India Pvt. Ltd.


Authorized Signatory



TRUE COPY ATTACHED

NOTARY PUBLIC
GHAZIABAD
REGD. NO-1080

31 OCT 2018



Ref: vdip/2018-19/AIIMS/105-PI

Dated: October 16, 2018

PROFORMA INVOICE

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

Kind Attn: The Dean – Research, AIIMS.

Subject: PROFORMA INVOICE for purchase of 48 Capillary Genetic Analyzer.

Dear Sir/Madam,

This is with above reference, Please find below our best possible prices for your kind consideration. Our quoted Product is from Thermo Fisher Scientific, USA. **Please note that, quoted product is our proprietary and patented product, we are attaching the proprietary certificate and US Patent documents for your kind information's and further actions.**

Molecular Diagnostics Simplified

S.No	Description	Qty	Unit Price (INR)	Total Price (INR)
1	ABI PRISM 3730 Genetic Analyzer, 48/Upgradable to 96 Capillary DNA Analyzer with computer and monitor	1	4,60,00,000.00	4,60,00,000.00
2	Sequencing Analysis Software, GeneMapper Software, SeqScape ® Software and Variant Reporter TM Software Module Part Number: 4443764	1	Included	Included
3	TF, 3730 SEQ/FRAG ANAL. INSTALL KIT Part Number: 4337193	1	Included	Included
4	KIT, AUTOSAMPLER 96 WELL SEPTA INSTALL Part Number: 4336131	1	Included	Included
5	KIT, AUTOSAMPLER 384 WELL SEPTA INSTALL Part Number: 4336134	1	Included	Included
6	TF, 3730 48x36cm CAP ARRAY INSTALL KIT Part Number: 4339249	1	Included	Included
7	TF, 3730 48x50cm CAP ARRAY INSTALL KIT Part Number: 4339250	1	Included	Included
8	96 well place base Part Number: 4334875	3	Included	Included
9	96 / 384 well plate retainer Part Number: 4334865	3	Included	Included
10	96 Well place base, septa seal	3	Included	Included

Vision Diagnostic (India) Pvt. Ltd.

Corporate Office / Correspondence Address

FFSR 9A & 9B First Floor | Tel: + 91 - 120 - 4343000

Mumbai

141. First Floor, Neo Corporate Plaza,

Kolkata

6 Binoy Bose Road, Bhowanipore



Molecular Diagnostics Simplified

	Part Number: 4334873			
11	96 Well plate retainer, septa seal Part Number: 4334869	3	Included	Included
12	BigDye Terminator V 3.1 Cycle Sequencing Kit Part Number: 4337455	1	Included	Included
13	BDT X-Terminator Purification Kit Part Number: 4376487	1	Included	Included
14	FG, 3730 Buffer (10X) with EDTA Part Number :4335613	1	Included	Included
15	Hi-Di Formamide, Genetic Analysis Grade. Usage varies depending on the volume used for resuspension. Volume: 25mL Part Number : 4311320	1	Included	Included
16	MicroAmp® Optical 96-Well Reaction Plate for use with 9600 and 9700, 10/Pkg Part Number :N8010560	1	Included	Included
17	96 Well Septa Part Number :4315933	1	Included	Included
18	POP-7 FOR 3730/3730xl DNA ANALYZERS, SIN Part Number :4363929	1	Included	Included
19	SNaPshot™ Multiplex Kit , 100 Rxn Part Number :4323159	1	Included	Included
20	GeneScan-120LIZ Size Standard Part Number :4324287	1	Included	Included
21	Matrix Standard Set DS-02 Part Number :4323014	1	Included	Included
22	EXOSAP-IT EXPRESS 100 RXN Part Number :75001.200.UL	1	Included	Included
23	Suitable Laser Printer	1	Included	Included
24	Applications Support for 3 years	1	Included	Included
25	Paper license Sequencing Software to install in 10 workstations. Work Stations will be provided by Institute.	1	Included	Included
26	5KVA online UPS			
Total Price Inclusive of All charges				4,60,00,000.00

Rs. Four Crore sixty lakhs only.

Optional Accessories:-

S.No	Description	Qty	Unit Price (INR)
1	Sequencing Analysis Software, GeneMapper Software, SeqScape ® Software and Variant Reporter TM Software Module, Single User Part Number: 4443764	1	11,50,000.00

Vision Diagnostic (India) Pvt. Ltd.

Corporate Office /Correspondence Address

FFSR 9A & 9B First Floor Tel: + 91 - 120 - 4343000

Mumbai

141 First Floor New

Kolkata



TERMS & CONDITIONS:

- CDEC Certificate (51/96) will be required at the time of clearance.
- Prices quoted are valid until 31st December 2018.
- Product Manufactured by Thermo Fisher Scientific.
- Port of Shipment from Singapore/USA.
- Prices given are for only the configuration/model/part code referred to above.
- Payment Terms: Net 30 Days after successful installation against I Note.
- Delivery: Delivery will be made within 6-10 weeks after receipt of confirmed order.
- Comprehensive Warranty: 5 Years from the date of INSTALLATION.
- CMC:- Please find below the CMC charges after expiry of 5 Years Warranty Period.

6 st Year :-	Rs.15,80,000.00 per year.
7 nd Year:-	Rs.15,80,000.00 per year.
8 th Year:-	Rs.16,50,000.00 per year.
9 th Year :-	Rs.17,90,000.00 per year.
10 th Year :-	Rs.18,60,000.00 per year.

Please note that Service Tax (Actual) will be charged extra on the above – mentioned CMC charges.

Thanking You,
Yours Faithfully,

For **VISION DAIGNOSTIC (I) PVT. LTD.**

[Signature]
AUTHORISED SIGNATORY



Molecular Diagnostics Simplified

Vision Diagnostic (India) Pvt. Ltd.

Corporate Office / Correspondence Address

FFSR QA & QR First Floor | Tel: + 91 - 120 - 4343000

Mumbai

141, First Floor, Neo Corporate Plaza,

Kolkata

6 Bhow Bose Road, Bhiwanipur.



October 16, 2018

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

Subject: Price Reasonable certificate for attach Quoted products.

Dear Sir;

This is to certify that we, Vision Diagnostic (India) Pvt. Ltd. is giving an undertaking that the prices we have quoted in the attach PI, are not higher what we had quoted to other hospital and institutes across the country in the financial year 2017-2018.

If you need any further information, please feel free to contact us.

Thanking you

For Vision Diagnostic (India) Pvt. Ltd


Authorized Signatory



Molecular Diagnostics Simplified

Vision Diagnostic (India) Pvt. Ltd.

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6 Riivv Rnoo Road, Rhiwanipur