

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

Ref. No. 39/Prop/Micro/RC/2018-19/RS

Dated: 12.02.2019

Subject: Purchase of Hybrispot 12 Instrument, for the Deptt. of Microbiology, AIIMS, New Delhi-29 on proprietary basis- Inviting comments thereon.

The request has been received from Dr. Rama Chaudhry, Deptt. of Microbiology, AIIMS to purchase the subject item from M/s DSS Imagetech Pvt. Ltd. (Mfg. by M/s Vitro, Master Diagnostics, Spain) on proprietary basis. The proposal submitted by M/s DSS Imagetech Pvt. Ltd. and Performa Invoice 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. 39/Prop/Micro/RC/2018-19/RS**. The comments should be received by office of Stores Officer (RS), Research Section at AIIMS on or before **26/02/2019 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**

ALL INDIA INSTITUTE OF MEDICAL SCIENCES

Ansari Nagar, New Delhi - 110029, INDIA



Prof. Rama Chaudhry
Department of Microbiology



Phone : 91-11-26594795/26588500/26588790 ext.-, 4795, 3475 Fax : 91-11-26588663 / 26588641
E-mail : draramach@vsnl.com ; draramach@gmail.com ; ramach09@yahoo.com

F.No.1-16/RC/Micro-2019

4/2/2019

The Store Officer
Research section
AIIMS, New Delhi

Subject: Justification to purchase instrument (Hybrispot) in the project number BT-1900

Dear Sir/Madam

This is to inform you that instrument (Hybrispot 12) has been sanctioned in our project entitled Sercepidemiological study of Rickettsia and Scrub typhus among patients with acute febrile illness and molecular detection by Real time PCR funded by DBT. Justifications to purchase this instrument are as follows:

1. It can detect 7 different bacterial species from the single sample with the same chip, so it is not necessary to make individual tests for different pathogens.
2. Diagnostic time: It takes only 4 hours to detect 7 different pathogen by PCR and reverse blot-spot. So the time needed for a positive result is much lower.
3. The chips has their own internal controls, so no need to put separate positive controls during every run.
4. This the first instrument having kit for tick-borne panel in the market and it is under patent.

Kindly do the needful.

Thanking You

Yours Sincerely,

RChaudhry
(PROF. RAMA CHAUDHRY)
Department of Microbiology
A I I M S, Ansari Nagar, New Delhi
All India Institute of Medical Sciences

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

RESEARCH SECTION

PROPRIETARY/SPECIFIC BRAND GOODS CERTIFICATE

- Item/Type/Model No. required alongwith specification. Instrument/Microarray with Multiplex PCR/ Hybrispot-12. (Specification enclosed)
- Is the item a spare parts attachment or accessory for an existing equipment. NA
- Name of the manufacturers/supplier of the item proposed by the Indentor. DSS Imagetech Pvt Ltd, New Delhi/ Vitro, Master Diagnostica, Spain.
- Are they sole manufacturers/sole distributors of the item. Yes
- 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 can't be procured. Demanding officer should bring out comparative functional advantages/cost effectiveness of the recommended item from these offered by other. NO
- What were the efforts made to locate alternative source of supply or use other substitutes.
- Why open/limited tender can't be resorted to, for locating alternative source. Proprietary
- Are the proprietary items certifying that the rates are reasonable or not. Reasonable
- Any other justification for procuring item from single source. Proprietary (Justification enclosed)

Signature of Indentor
(Demanding Officer)

COUNTERSIGNER
(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)


NISHANT VERMA, MD
Associate Professor
Department of Microbiology
All India Institute of Medical Sciences
Ansari Nagar, New Delhi-110029


NISHANT VERMA, MD
Associate Professor
Department of Microbiology
All India Institute of Medical Sciences
Ansari Nagar, New Delhi-110029


RAMA CHAUDHRY
Head of the Department
Department of Microbiology
All India Institute of Medical Sciences
Ansari Nagar, New Delhi-110029

Hybrispot-12 Tender Specifications

1. A robust, compact, semi-automated system based on multiplex PCR and reverse dot blot hybridization for the detection of sepsis, HPV, bacterial meningitis, viral CNS and tick-borne bacterial diseases.
2. All the assays should be CE_IVD approved and suitable for clinical and diagnostic applications.
3. System should have the flexibility to run minimum 1 and maximum 12 samples.
4. Total turn-around time for the results should not be more than four hours.
5. System should have CE_IVD software for automated result interpretation with LIS compatibility.
6. System should have compatible CE_IVD approved tick borne panel assay for the simultaneous detection of 7 pathogens [Rickettsia (Typhus group and Spotted fever group), Ehrlichia, Anaplasma, Francisella, Bartonella, Borrelia and Coxiella].
7. System should have compatible CE_IVD approved sepsis assay for the simultaneous detection of pathogens responsible for sepsis including Gram positive bacteria, Gram negative bacteria, Fungi and antibiotic resistant forms.
8. System should detect over 36 bacterial species (Coagulase-Negative Staphylococci, Staphylococcus aureus, Streptococcus spp., Streptococcus pneumoniae, Streptococcus agalactiae, Listeria monocytogenes, Enterococcus spp., Pseudomonas aeruginosa, Acinetobacter baumannii, Neisseria meningitidis, Stenotrophomonas maltophilia, Escherichia coli, Klebsiella pneumoniae, Serratia marcescens, Enterobacteriaceae species, and Proteus spp.), fungi species (Candida albicans and Candida spp.)
9. System should detect atleast 20 antibiotic resistant forms including MRSA, mecA, vanA, vanB, ESBL and Carbapenemases along with sepsis causing pathogens.
10. Sepsis assay should be compatible with positive blood culture and rectal swab samples.
11. Assay should include UNG to avoid carry over contamination.
12. All the assays should include external, internal and hybridization controls.
13. Assay should be compatible with direct positive blood culture and rectal swab samples without the need of nucleic acid extraction.
14. Sepsis should have high sensitivity and specificity.
15. System should have antibiotic resistance panel separately including 20 antibiotic resistant forms including MRSA, mecA, vanA, vanB, ESBL and Carbapenemases.
16. One free of cost training should be provided by the vendor to the satisfaction of user during installation of the system.
17. Vendor should provide 24 hours telephonic support, application and service support as and when required.


Dr. Dhritendra Gautam
Assistant Professor
Department of Microbiology
A.I.M.S., New Delhi-110029


Dr. Rama Chaudhry
Department of Microbiology
A.I.M.S., New Delhi-110029


Dr. Gagandeep
Assistant Professor
Department of Microbiology
A.I.M.S., New Delhi-110029


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Assistant Professor
Department of Microbiology
A.I.M.S., New Delhi-110029

MODEL	hybridSpot12
CODE	VIT-HS12
VOLTAGE	100/240 VAC, 50/60 Hz
MAX. NUMBER OF SAMPLES	12
PERFORMANCE (SAMPLES/H)	12/h
OPERATING TEMPERATURE	25oC-51oC
RELATIVE HUMIDITY	Max 80% without condensation
DIMENSIONS	350X230x200 mm
(length x width x height, without the web camera)	
WEIGHT (without packaging)	5 kg
TEMPERATURE RANGE	30°C - 51°C (it takes longer to reach the limit temperature)
HEATING SPEED	4.5°C/MIN (measured between 30 -40°C with a room temperature of about 23°C)
COOLING SPEED	2°C/MIN (measured between 30°- 40°C with a room temperature of about 23°C)
TEMPERATURE ACCURACY	± 2 °C (it worsens at high temperatures)
TEMPERATURE UNIFORMITY	± 1,5°C
TEMPERATURE RANGE DURING STORING	Suggested between + 5 ° C y + 45 ° C
SAMPLES CONFIGURATION	Max. 12 functioning samples
OPERATING PRESSURE	Just tested at atmospheric pressure
OPERATING HUMIDITY	Suggested between 20% - 80%
HUMIDITY DURING STORING	Suggested between 20% - 80%

[Handwritten signatures and official stamps from the Spanish Ministry of Health and the Basque Government]



Proprietary / Sole Source Certificate

To whom it may concern

This to certify that the DNA Flow products are proprietary to VITRO, S.A and designed, developed and exclusively manufactured in SPAIN.

The DNA FLOW products are based on the FLOW-THROUGH technology which is a unique technology in reverse dot blot hybridization. This technology enables the simultaneous detection of different kinds of human pathogens through multiplex PCR, followed by the hybridization in membranes chips with specific DNA probes by automatic and manual HybrSpot platforms. The results are analyzed automatically with the HybrSpot proprietary software.

To the best of our knowledge and belief, we are the sole source of products with above mentioned specifications, CE IVD certified and registered in the EU as IVD medical devices (see registration number in the table below) for in vitro diagnostic testing of patient samples.

Products:	Generic Product codes:	European Registration Number:
HPV Direct Flow Chip Kit	MAD-003930MU	ES/CA01/01/2508
Viral CNS Flow Chip Kit	MAD-003934M	DIV/2015/0217
Bacterial CNS Flow Chip Kit	MAD-003935M	RPS/562/2015
Sepsis Flow Chip Kit	MAD-003936M	RPS/562/2015
AMR Direct Flow Chip Kit	MAD-003937M	RPS/189/2017
STD Direct Flow Chip Kit	MAD-003938M	RPS/662/2017
Tick Borne Bacteria Flow Chip Kit	MAD-003940M	ES/CA01/01/2508

[Handwritten signature of Pablo Bustamante Gallardo]
 Pablo Bustamante Gallardo
 Legal Representative
 VITRO, S/A
 17 January 2019

[Handwritten signature of Pablo Bustamante Gallardo]
 PABLO BUSTAMANTE GALLARDO
 Department of Manufacturing
 A-113 E. Amabil Magari - New Building
 IZS International University of Chile



DSS/MAS/17-18/12

22-02-18

To,
Dr. Rama Chandhy
Professor
Department of Microbiology
All India Institute of Medical Sciences
New Delhi

Dear Ma'am

Please find enclosed the price for following products:-

Product No.	Product Name	Qty.	Total Price (INR)
H512	Hybrispot12 + Hybrisoft Software	1	640000.00
	Special Discount		135000.00
	GST @ 18%		90900.00
	Net Value		595900.00

TERMS & CONDITIONS

- Price** The prices quoted are FOR Delhi. The above quoted prices are inclusive of Custom Duty, Freight, and Clearance & Delivery Charges.
- Payment** The payment should be after good received.
- Validity** This quotation is valid for 120 days.
- Delivery** Delivery time is 45 days after receipt of order & advance payment.

Thanking you & assuring you of our best services.

For DSS ImageTech Pvt. Ltd.

Ravi Kumar
Authorised Signatory



R. Chandhy
DR. RAMA CHANDHY
Department of Microbiology
All India Institute of Medical Sciences
New Delhi

R.
11/1/19