All-India Institute of Medical Sciences
Ansari Nagar, New Delhi-29.

(STORES SECTION (DO)

Dated: 21.11.2016

Ref. No.32/Stores (DO)/O&G (IVF)/PAC/2016-17/FSC

Subject: Proposal for purchase of Embryo Scope Time Laps System on Proprietary basis (PAC) for department of O&G (IVF) at AIIMS - Inviting comments thereon.

*****

The Institute is in the process to purchase **Embryo Scope Time Laps System** on Proprietary basis (PAC) for department of O&G (IVF) at AIIMS, New Delhi-110 029 from M/s.Vitrolife Ab Denmark (OEM) through their authorized Indian Agent M/s.Vision Diagnostics (I) Pvt. Ltd. Delhi-92. The proposal submitted by M/s.Vision Diagnostics (I) Pvt. Ltd. Delhi-92, PAC certificate, quotation and other related documents are attached for ready reference.

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 **Ref. No.32/Stores (DO)/O&G (IVF)/PAC/2016-17/FSC.** The comments should be received by office of Sr. Stores Officer, Stores Section (DO), Animal House Building, Near Biotechnology Building at AIIMS on or before **06.12.2016 upto 12.30 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.

Yours faithfully,

21.11.16

SR. STORES OFFICER

Encl: Related documents enclosed.

ASSISTED REPRODUCTIVE TECHNOLOGY CENTRE
OBSTETRICS & GYNAECOLOGY
AIIMS, ANSARI NAGAR, NEW DELHI-29

Dated 30/10/2016

To,
The Sr. Store Officer (DO),
AIIMS, New Delhi-110029

Subject : procurement of "Embryo Scope Time Laps System" under the head 'Machinery & Equipment (Plan)' on Proprietary basis.

Dear Sir,

The Department of Assisted Reproductive Technology Centre (Obstetrics & Gynecology) want to procure the item 'Embryo Scope Time Laps System' under the head machinery & equipment 'Plan' in the financial year 2016-17. The required item is proprietary product of M/s. Vision Diagnostic (I) Pvt. Ltd. is sole distributor of M/s. Vitrolife Ab Denmark. Please find enclosed documents pertain to this procurement.
The Technical Specification Committee has been duty constituted as per Memorandum No. XVI-02/O. Circular/2016-17/SO(DO) dated 12 August 2016, and the technical specification has been signed by technical specification committee members.
Therefore, you are requested to kindly take the necessary action in this regard please.

Yours sincerely

(DR. ALKA KRIPLANI)
PROFESSOR & HEAD
DEPTT. OF OBST. & GYNAE

Encl:-
1. Technical Specification.
2. Proprietary certificate.
3. Performa Invoice.
4. Proprietary certificate of M/s. Votrolife.
5. Price Reasonable certificate.
6. Authorization letter.
7. US Patent copy.
8. List of Publications.

4.11.16

TECHNICAL SPECIFICATION OF EMBRYO SCOPE TIME LAPS SYSTEM 01 NO.

Cost R.s 175 Lakh Approx.

S.NO.	TECHNICAL SPOECIFICATION
1.	Time-Lapse Enabled Assessment.
2.	It should have continuous surveillance of all embryos and flexible work routines.
3.	It should have facility for Digitized documentation and retrospective data analysis.
4.	Undisturbed culture in a stable environment.
5.	Modular system with Time Lap and in-build Tri-gas Incubator for fast and accurate regulation CO2 and O2 concentrations with minimal gas consumption.
6.	Unique temperature control by direct heat transfer to individual media-filled wells. Temperature is virtually unchanged by opening chamber(<0.2° C temperature recovery <1 minutes. When adding or removing patient sample.
7.	In Build Air purified by active carbon and HEPA filter. Removes VOCs and retains 99.97% of particles larger than 0.3µm.
8.	Simplifies compliance with EU Directive 2004/23/EC by automatic logging of running conditions such as temperature. CO2 and O2 concentration to patient data files.
9.	Fully automated detection and focusing of up to 240 embryos 15 patients culture dishes with 12-16 embryos in each dish at one time.
10.	Image acquisition in multiple focal planes of all embryos, it should have at-least 15 different focal planes or more.
11.	High-quality Hoffman modulation contrast optics allows observation of key morphological features.
12.	It should have special optics for red light at 635 nm to eliminate high energy light exposure.
13.	Knowledge building for improved embryo selection.
14.	Intuitive annotation and Decision support tools.
15.	Should have both morphological and morphokinetic observations to select the best embryo.
16.	It should have unique software for annotate and compare development of selected embryos from data acquired by time-lapse incubator. Instrument running conditions are automatically assurance.
17.	It should have facility for Automatically calculated cellular activity indicating cell division events.
18.	System should comes with known Implantation Date (KID) score software, which helps into morphokinetic traits associated with the implantation potential of embryos transferred on day. The model should be designed to help us to avoid transferring embryos with low implantation potential.
19.	It should be based on water impermeable polymer slide and cover of immersion oil prevent dehydration during handling in low humidity laboratory air and in dry incubators.
20.	System should come with complete software and Hardwar including dedicated server for remote access facility. System should have feture of Pad counselling app to show patient their own embryos at any point of time.
21.	It should have facility to observe and assess patient embryos from our reporting room via Time-Lap server and instantly access current patient date for assessment.

22.	System should have facility for unique identification of each embryo to avoid any error.
23.	One year supply of consumables (Culture media, Culture slides, VOC filters, integrated tri gas mixture)
24.	One year onsite technical support and training of embryologist and clinicians of the unit.
25.	Compatible USB port, external drive, CD.
26.	Printer to print the embryo picture - cables/wireless. (glossy post card size)
27.	Storage/ memory.
28	Systems should have US FDA approval of clinical use.
29.	System should have Custom defined variables, Algorithm development, and Model building software.
30.	It should have Input of advance devaluation model to automatically rank embryo score using " Compare and Select" options.
31.	System should have Morphokinetic decision support tool for day 3 and day 5 transfer based on large pregnancy outcome database.
32.	System should have Guide denotation based on blastomere activity, Customized Annotation tool and Drawing tools to measure embryo features (Zona, diameter).
33.	System should be Clinically validated and it should have more the 200 Abstracts & publications linking morphokinetics to implantation using time-lapse system.
34.	System should come with Five year warranty and five year CAMC.

(DR. REENU TANWAR)
DGHS NOMINEE

(DR. ANOOP DAGA)
REPRESENTATIVE OF MS AIIMS

(DR. BINDU BAJAJ)
REPRESENTATIVE OF HOD
SAFDARJUNG HOSPITAL

(DR. REETA MAHEY)
DEPT. OF OBST & GYNECOLOGY
AIIMS

(PROF. NEETA SINGH)
DEPT. OF OBST. & GYNECOLOGY
AIIMS

(PROF. NEENA MALHOTRA)
DEPT. OF OBST & GYNECOLOGY
AIIMS

(PROF. ALKA KRIPLANI)
HOD, OBST. & GYNECOLOGY
AND IVF CENTRE AIIMS

ALL INDIA INSTITUTE OF MEDICAL SCIENCE
ANSARI NAGAR, NEW DELJI-110 029
PROPRIETORY/SPECIFIC BRAND GOODS CERTIFICATE

1. Item/Type/Model No. required along with specification.	: Embryoscope + Time Lapes Imaging System.
2. Is the item a space part attachment or accessory for an existing equipment.	: No
3. Name of the manufactiures/supplier of the item proposed by the indentor.	: M/s. Vision Diagnostic (I) Pvt. Ltd. Is sole distributor of M/s. Vitrolife Ab, Denmark.
4. Are they sole manufactures/sold Distributors of the item.	: Yes
5. Is there any other item with similar/ Equipment 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 advantage/cost effectiveness of the recommended item form these offered by other.	: No.
6. What were the efforts made to locate alternative source of supply or use other substitutes.	: N/A.
7. Why open/limited tender can't be resorted to, for locating alternative source.	: Proprietary item, No other Source is available.
8. Are the proprietary item certifying that the rates are reasonable or not.	: Yes, (letter enclosed).
9. Any other justification for procuring item from single source.	: There is no other source or Company available. List of Proprietary features Attached separately in Page No. 2.

Dr. NEETA SINGH
डॉ० नीना मल्होत्रा
Dr. NEEMA MALHOTRA

Signature of Indenter
(Demanding Officer)

COUNTERSIGNE
(Head of the Department)

I certified 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 advertages in meeting our functional requirement and limited tender system could be dispensed with as they would serve no useful purpose in this particular case.

Professor
Department of Obstetrics & Gynaecology
Maulana Azad Medical College
Lok Nayak Hospital,
DMC Reg. No. 5365

डॉ० अनूप डागा/Dr. Anoop Daga
सहायक आचार्य/Assistant Professor
अस्पताल प्रशासन विभाग/Dept.of Hospital Administration
अखिल भारतीय आयुर्विज्ञान संस्थान/AIIMS
अंसारी नगर, नई दिल्ली/Ansari Nagar, N.D-110029

VMMC & Safdarjung Hospital
नई दिल्ली–110029
DMC Reg.

ALL INDIA INSTITUTE OF MEDICAL SCIENCE
ANSARI NAGAR, NEW DELJI-110 029
PROPRIETORY/SPECIFIC BRAND GOODS CERTIFICATE

The Embryoscope Time Lapse System allows IVF professionals to monitor all embryos through out the full course of their development. The specially designed EmbryoScope incubator with a built in camera and microscope takes an image of the embryos kept inside every 10 minutes. As a result, time-lapse videos of individual embryos are generated over the 2-5 days they remain in the incubator while the embryos stay undisturbed in their stable culture environment Automated advanced software allows the IVF professional to use the embryo development information to select the best embryos.

Observing features of embryo development is important in evaluating embryo development potential. The information gained from using EmbryoScope ensures that the IVF professional has the best information possible to make the best selection. This is a key factor for obtaining a healthy pregnancy.

Additionally, an embryo analysis support tool is available which was developed using information about the characteristics of embryos which are known to result in pregnancy. This information is gathered from thousands of patient cycles performed worldwide.

embryoScope can help anyone undergoing IVF. It can lower the risk of twins or triplets since the IVF –team can identify the most viable embryos when performing single embryo transfer. Moreover, EmbryoScope significantly reduces the miscarriage rate as compared with standard methods. EmbryoScope is especially good news for older women or those that have had experience of unsuccessful IVF treatments.
There are several papers has been published which prove that, since the introduction of Embryoscope time –lapse, embryo implantation rates increased by approximately 10%.

It is fully automated detection and focusing of up to 240 embryos 15 patients culture dishes with 16 embryos in each dish at one time.

It is having feature of Image acquisition in multiple focal planes of all embryos, it is having more than 15 different focal planes.

It has both morphological and morphokinetic observations to select the best embryo and having unique software for annotate and compare development of selected embryos from data acquired by time-lapse incubator. Instrument running conditions are automatically assurance.

It is having facility for Automatically calculated cellular activity indicating cell division events. Its comes with known Implantation Date (KID) score software, which helps into morphokinetic traits associated with the implantation potential of embryos transferred

It is having facility to observe and assess patient embryos from our reporting room via Time-Lap server and instantly access current patient date for assessment and have have Custom defined variables, Algorithm development, and Model building software.

It is having Input of advance devaluation models to automatically rank embryo score using "Compare and Select" options. and Morphokinetic decision support tool for day 3 and day 5 transfer based on large pregnancy outcome data base.

System has facility for Guide denotation based on blastomere activity, Customized Annotation tool and Drawing tool measure embryo features (Zona; diameter).

Signature of Indenter
(Demanding Officer)

COUNTERSIGNE
(Head of the Department)

I certified 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 advertages in meeting our functional requirement and limited tender system could be dispensed with as they would serve no useful purpose in this particular case.

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(PROF. ALKA KRIPLANI)
HOD, OBST. & GYNECOLOGY
AND IVF CENTRE AIIMS

VISION
(An ISO 9001:2008 Certified Co.)

Molecular Diagnostics Simplified

Quotation

Ref: vdipl/2016-17/107 **Dated: 20/09/2016**

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

Subject: Quotations for Embryoscope + (New) Time-Lapse System

Dear Sir/Madam,

This is with above reference and our discussions, Please find below our Performa Invoice for your kind consideration. Our quoted Product is from Vitrolife, Sweden.

S.No	Description	Qty	Unit Price (INR)	Total Price (INR)
1	**Embryoscope + time-lapse system** EmbryoScope + Hardware 220 v, preinstalled with EmbryoScope Software Package. Ref No-16402 • Tri-gas incubator allows fast and accurate regulation of CO2 and O2 concentrations with minimal gas consumption. • Unique temperature control by direct heat transfer to individual media-filled wells. Temperature is virtually unchanged by opening chamber (< 0.2° C) when adding or removing patient samples. • Recovery of CO2 concentration in less than 5 minutes and O2 in less than 15 minutes after closing chamber • Continuous circulation and purification of air supply with residence time of less than 20 minutes • Air purified by active carbon and HEPA filter. Removes VOCs and retains 99.97 % of particles larger than 0.3 µm • Simplifies compliance with EU Directive 2004/23/ EC by automatic logging of running conditions such as temperature, CO2 and O2 concentration to patient data files. • Dry incubation without water pans eliminates problems with water condensation and fungal growth on surfaces in high humidity. • **Fully automated detection and focusing of up to 240 embryos (15 patients culture dishes with 16 embryos in each dish)**	**1**	**1,66,00,000.00**	**1,66,00,000.00**

Dr. NEETA SINGH

Vision Diagnostic (India) Pvt. Ltd.

Head Office
A-10, IInd Floor, Acharya Niketan,
Mayur Vihar, Phase-1, Tel.:+91-11-2279 3914
Delhi- 110091 (India) 4215 3532, 4805 4332
Info@vision-groups.com www.vision-groups.com

Corporate office:
FSR 9A & 9B, First Floor,
Ansal Premium Corporate Suite,
Ansal Plaza, Sector-1,
Vaishali, Ghaziabad

Mumbai
Shop No-19, Emerald Aptts.,
Parsi Panchayat Road,
Andheri (East) Mumbai 400 069
mumbai@vision-groups.com

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(An ISO 9001:2008 Certified Co.)

Molecular Diagnostics Simplified

	Improved IVF treatment through: • Time-lapse enabled assessment • Continuous surveillance of all embryos • Flexible work routines • Digitized documentation • Retrospective data analysis • Improved basis for embryo selection • Undisturbed culture in a stable environment • Do it when you want, never miss anything • Quality assurance and treatment traceability • Knowledge building for improved embryo selection			
2	Embryoscope + server Hardware Ref. No-16412	1	**Included**	**Included**
3	Embryoscope + Server Software Ref. No-16612	1	**Included**	**Included**
4.	EmbryoViewer + hardware Ref. No-16422	1	**Included**	**Included**
5.	Embryo Viewer + Software Ref. No-16622	1	**Included**	**Included**
6.	Label Printer for Embryoscope + Ref. No-16460	1	**Included**	**Included**
7.	Resin foil for label printer Ref. No-16461	1	**Included**	**Included**
8.	Label for Embryoscope + Slide Ref. No-16451	1	**Included**	**Included**
9.	KIDScore D3 & D5 package Ref. No-16533	1	**Included**	**Included**
			Total Price (INR)	**1,66,00,000.00**

Rs. One Crore Sixty Six lakh only.

Optional Price for Consumables:

S.No	Description	Ref.	Qty	Unit Price (INR)
1	Embryo Slide culture dish	16450	1 (Pack of 40)	1,15,000.00
2.	G-TL, Single Step Culture Media	10145	30 ml	10,400.00
3.	GMOPS PLUS	10130	125 ml	8,910.00
4.	OIL	10029	100 ml	5,100.00
5.	G2-PLUS	10132	30 ml	8,100.00
6	EMBRYO GLUE	10085	10 ml	22,500.00

TERMS & CONDITIONS:

- Quoted price is discounted price. List price of equipment is Rs. 2,10,00,000.00
- Comprehensive Warranty: 1 Year from the date of INSTALLATION.

Vision Diagnostic (India) Pvt. Ltd.

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info@vision-groups.com www.vision-groups.com

Corporate office:
FFSR 9A & 9B, First Floor,
Ansal Premium Corporate Suite,
Ansal Plaza, Sector-14
Vaishali, Ghaziabad

Mumbai
Shop No-19, Emerald Aptts.,
Parsi Panchayat Road,
Andheri (East) Mumbai 400 069
mumbai@vision-groups.com

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- DVAT will be charge 5% extra on quoted price.
- Prices quoted are valid until 31st March 2017.
- 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.
- CDEC Certificate will be required at the time of custom clearance.
- CMC Charges:- After expiry of 5 Years Warranty Period CMC charges will be 8% of equipment's cost and 10% increase every 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.**

VISION DIAGNOSTIC (I) PVT. LTD. A-10, 2nd Floor Acharya Niketan, Mayur Vihar, Phase-I Delhi-110091 (India) DELHI-110091

AUTHORISED SIGNATORY

Molecular Diagnostics Simplified

DR. NEETA SINGH / DR. NEETA MALHOTRA

Vision Diagnostic (India) Pvt. Ltd.

Head Office
A-10, IInd Floor, Acharya Niketan,
Mayur Vihar, Phase-1, Tel.:+91-11-2279 3914
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Vaishali, Ghaziabad

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Parsik Panchayat Road,
Andheri (East) Mumbai 400 069
mumbai@vision-groups.com

Vitrolife

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

Subject: Proprietary Certificate of Embryoscope.

October 6, 2016

Dear Sir,

This is to certify that the **Embryoscope™ time-lapse system** having the Part Number- 16302, 16312/16512, and 16322/16522 and **Embryoscope™ + (New) time-lapse system** and its accessories Equipment's having Part Number- 16402, 16612, 16622, and 16533 are manufactured by Vitrolife A/S, Denmark. These equipments have following proprietary/unique features.

1. Its is Fully automated detection and focusing of up to 72/240 embryos 6/15 patients culture dishes with 12-16 embryos in each dish at one time.
2. It is having feature of Image acquisition in multiple focal planes of all embryos, it is having more then 15 different focal planes.
3. It has both morphological and morphokinetic observations to select the best embryo and having unique software for annotate and compare development of selected embryos from data acquired by time-lapse incubator. Instrument running conditions are automatically assured.
4. It is having facility for Automatically calculated cellular activity indicating cell division events. It comes with known Implantation Date (KID) score software for Day 3 and D5 embryos, which help into morphokinetic traits associated with the implantation potential of embryos transferred on day 3 and 5. The model should be designed to help us to avoid transferring embryos with low implantation potential.
5. It is having facility to observe and assess patient embryos from our reporting room via Time-Lap server and instantly access current patient date for assessment and have Custom defined variables, Algorithm development, and Model building software.
6. It is having input of advanced evaluation models to automatically rank embryo score using "Compare and Select" options. Morphokinetic decision support tool for day 3 and day 5 transfer based on large pregnancy outcome database.

NOTARY PUBLIC 2016 R.V. SINGH Advocate Govt. of India

Vitrolife Sweden AB
Reg.No 556546-6298

Postal address:
Box 9080
SE-400 92 Göteborg
Sweden

Visiting address:
Gustaf Werners gata 2
SE-421 32 V Frölunda
Sweden

Tel +46-31-721 80 00
Fax +46-31-721 80 99
www.vitrolife.com

Dr. NEETA SINGH
Professor
Dept. of Obst. & Gynae.

Vitrolife

7. System has facility for Assisted annotation based on blastomere activity, Customized Annotation tool and Drawing tools to measure embryo features (Zona, diameter).

No other companies or firm having similar equipment's worldwide.

If you need any further information's, feels free to contact us.

Yours sincerely,

Meishan Jin, PhD
Vice President Market Region Asia
Vitrolife Sweden AB
Tel: +46 31 721 8040 (office)/+46 708228040
Fax: +46 31 721 8090
E-mail: mjin@vitrolife.com
Website: www.vitrolife.com

Vitrolife
Box 9080, SE-400 92 GÖTEBORG
Tel +46-31-721 80 00
Fax +46-31-721 80 90
Sweden

NOTARY PUBLIC 2016 R.V SINGH Advocate No 2282 Area-Delhi Govt. of India

VISHWA DIAGNOSTIC DELHI-110091

ATTESTED
Notary Public Delhi
-7 OCT 2016

Vitrolife Sweden AB
Reg.No 556548-6288

Postal address:
Box 9080
SE-400 92 Göteborg
Sweden

Visiting address:
Gustaf Werners gata 2
SE-421 32 V Frölunda
Sweden

Tel +46-31-721 80 00
Fax +46-31 721 80 99
www.vitrolife.com