

## TECHNICAL VERIFICATION REPORT (14 PAGES)

### Purchase of Scientific Equipment

Sealed Open Global Tender Notice No.: IV-138-S&P/2011-12/2289/SOGT/SE/ILS dated 01.12.2011

#### Items Sl. No.: 01 (One) : Ice Flaker

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Macro Scientific Works Pvt. Ltd., Delhi	Own Make	MAC IFM-100 <u>Alternatively:</u> MAC IFM-120	Disqualified	<ul style="list-style-type: none"> <li>No water sensor</li> <li>Only 50 Ltr. Storage capacity</li> </ul>
2.	M/s Spectrum Associates Delhi	M/s Castel MAC S.pA, Italy	Icematic Model: F-120 + D101	Rejected	EMD disclosed in Technical bid Rs.20000/- vide DD No.843929 dtd.27.12.11 of SBI
3.	M/s Precision Bio-tek Instruments Pvt. Ltd., Noida	M/s Ningbo Scientz Biotechnology Co. Ltd., China	XB 100	Qualified	
4.	M/s ASE Instruments Agency Pvt. Ltd., Kolkata	M/s Simag Div. Della Frimont S.p.A., Italy	SPR-120	Qualified	
5.	M/s Nandighosh Agency, Bhubaneswar	Manitowoc Marketed by Wang Professional, Kolkata	RF 300A	Disqualified	<ul style="list-style-type: none"> <li>No water sensor</li> <li>No brochure/technical literature in support to our specification</li> </ul>

#### Items Sl. No.: 02 (Two) : Autoclave/ Heating Oven

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Macro Scientific Works Pvt. Ltd., Delhi	Own Make / MAC	a) Semi Automatic AVS-78 <u>Alternatively:</u> AVS-98 b) Fully automatic: AVF-78 <u>Alternatively:</u> AVF-98	Disqualified	<ul style="list-style-type: none"> <li>Timer range not mentioned</li> <li>Auto-start after power failure not mentioned</li> </ul>
2.	M/s Reliance Instruments Corporation Chennai	Own make	Reico make Model: VL80SA	Disqualified	No digital display It seems that the brochure submitted by the firm is a copy paste of ILS specification .Deliberately prepared.
3.	M/s Precision Bio-tek Instruments Pvt. Ltd., Noida	M/s JS Research Inc., Korea	JSAC-80 (Vertical)	Qualified	

### Items Sl. No.: 03 (Three) : Cell Disrupter

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Labmate (Asia) Pvt. Ltd., Kolkata	M/s Constant Systems Ltd., UK	One Shot model	Qualified	
2.	M/s Inkarp Instruments Pvt. Ltd., Hyderabad	GEA Mechanical Equipment Italia S.p.A, Italy	Panda Plus 2000	Disqualified	<ul style="list-style-type: none"> <li>• 29K psi instead of 40K</li> <li>• 15ml sample volume instead of 20ml</li> </ul>

### Items Sl. No.: 04 (Four) : Autoclave

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Bio-technika Bhubaneswar	M/s Osworld Scientific Equipments Pvt. Ltd., Mumbai	OAT-SHI/E/G-52	Disqualified	<ul style="list-style-type: none"> <li>• No delayed start time sterilization &amp; warming cycle.</li> <li>• No audible alarm.</li> <li>• No continuous sterilization cycle programme.</li> </ul>
2.	M/s S.V. Scientific Bangalore	M/s Tomy Digital Biology Co. Ltd., Japan	ES-315	Rejected	Tender free not received in Technical bid, although mentioned in the bid that DD No.012038, 24.12.11 of ICICI Bank
3.	M/s Macro Scientific Works Pvt. Ltd., Delhi	Own Make	'MAC' MSW-108 [BTA-22(VP)]	Disqualified	<ul style="list-style-type: none"> <li>• No delayed start time sterilization &amp; warming cycle.</li> <li>• No audible alarm mentioned.</li> <li>• No continuous sterilization cycle programme.</li> </ul>
4.	M/s Precision Bio-tek Instruments Pvt. Ltd., Noida	M/s JS Research Inc., Korea	JSAC-60 (Vertical type)	Disqualified	<ul style="list-style-type: none"> <li>• 60L</li> <li>• No mention of LCD display, alarm</li> <li>• Upto 123<sup>o</sup>C temperature.</li> <li>• Continuous sterilization program-mme not mentioned.</li> </ul>
5.	M/s Reliance Instruments Corporation Chennai	Own make	Reico make Model: VL1220SA	Disqualified	<ul style="list-style-type: none"> <li>• Delayed start time sterilization &amp; warming cycle not mentioned.</li> <li>• Audible alarm not mentioned.</li> <li>• Capacity 50 – 55L.</li> <li>• It seems that the brochure submitted by the firm is a copy paste of ILS specification.</li> </ul>
6.	M/s Matrix Eco Solution New Delhi	Own make	Matrix	Disqualified	<ul style="list-style-type: none"> <li>• Technical detail, compliance sheet, brochure not provided.</li> </ul>

### Items Sl. No.: 05 (Five) : Denaturing High-Pressure Liquid Chromatography (DHPLC)

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Labmate (Asia) Pvt. Ltd., Chennai	M/s Transgenomic Limited UK	Wave System 4500 Series (NAV-99-4500, Model: 4500HT)	Qualified	

### Items Sl. No.: 06 (Six) : Automatic Cell Counter

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Bio-technika Bhubaneswar	M/s Bio-Rad pacific ltd., USA	TC10	Qualified	
2.	M/s JH Bio Innovations Pvt. Ltd., Bangalore	M/s ORFLO/E.I. Spectra LLC, USA		Rejected	EMD of Rs.26625/- disclosed in Technical Bid. DD No.016166 of Axis Bank. Also tender fee not found in Technical bid. Unable to collect the tender fee as EMD & tender fee in one envelope.
3.	M/s Labtronix Bhubaneswar	Make: Invitrogen	Cat. No.C 10227	Disqualified	No tender format & Declarations like De- listing, General & Financial Statement for last 3 yrs.
4.	M/s Bio-Rad Laboratories India Pvt. Ltd.,Kolkata	M/s Bio-Rad Pacific Ltd., Hong Kong	TC10 Cat. 145-0001	Qualified	

### Items Sl. No.: 07 (Seven) : Motorised Stereotaxic

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Gentech Marketing & Distribution (P) Ltd., New Delhi	M/s Stoelting Co., USA	Stoelting, 51700 & 5331	Qualified	
2.	M/s Aerobe Medicare Pvt. Ltd., New Delhi	M/s Neurostar GmbH, Germany	Motorized Stereotaxic with Injectomate	Qualified	

### Item Sl. No.: 08 (Eight) : Multimode Microplate Reader with Top & Bottom Reading

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Bio-technika Bhubaneswar	M/s Thermo Fisher Scientific OY, Finland	Thermo Electron make Varioskan Flash Cat. 5250040	Qualified	
2.	M/s Science Park Bhubaneswar	M/s Thermo Fisher Scientific OY, Finland	Thermo Electron make Varioskan Flash Cat. 5250040	Qualified	

### Item Sl. No.: 09 (Nine) : Trailer Made -20<sup>0</sup> Chamber & Cold Room

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Bio-technika Bhubaneswar	Celfrost Innovations Pvt. Ltd.	CH-12	Qualified	
2.	M/s Science Park Bhubaneswar	Celfrost Innovations Pvt. Ltd.	CH-12	Qualified	
3.	M/s Cold Chain Solution, Bhubaneswar	M/s Rinac India Ltd., Kolkata		Rejected	EMD disclosed in Technical Bid Rs.279000/- DD No.207037 of PNB

### Item Sl. No.: 11 (Eleven) : Liquid Nitrogen Tank for Storing Cells

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Labeast Instruments Kolkata	M/s Thermo Fisher Scientific (Asheville) LLC, USA	Locator Jr. CY50925	Disqualified	<ul style="list-style-type: none"> <li>Without replenishing LN<sub>2</sub> it should be able to store samples for more than 200 days – not complied.</li> <li>Rack handles should rest in numbered slots – not complied</li> </ul>
2.	M/s AIM Kolkata	M/s Statebourne Cryogenics UK  <u>Through:</u> M/s Labquip(S) Pte. Ltd., Singapore	BioRack 3000 Cat. No.9902149	Disqualified	<ul style="list-style-type: none"> <li>Can store samples without replenishing LN<sub>2</sub> up to 6 months– this is ambiguous (not complied).</li> <li>It looks like Auto-fill is recommended for controlling the level of LN<sub>2</sub> – not possible for us.</li> <li>Rack handles should rest in numbered slots – missing</li> </ul>

3.	M/s Astra Instech New Delhi	M/s Gordinier Electronics Inc., USA	LS-3000	Disqualified	<ul style="list-style-type: none"> <li>Without replenishing LN<sub>2</sub> it can store samples for 106 days instead of 200 days</li> <li>Rack handles should rest in numbered slots – not complied (specifications about this is missing in catalogue)</li> </ul>
4.	M/s Nu-Tek Instruments Pvt. Ltd., Delhi	M/s Custom Biogenic Systems, USA	Classic 2002 Part No.CB202	Disqualified	<ul style="list-style-type: none"> <li>Without replenishing LN<sub>2</sub> it should be able to store samples for more than 200 days – not complied. (not mentioned in the catalogue)</li> <li>Static holding time – 60 days: Not mentioned in the catalogue.</li> <li>Rack handles should rest in numbered slots - not mentioned in the catalogue</li> <li>The statement that normal working days – 38 is confusing.</li> </ul>

### Item Sl. No.: 12 (Twelve) : Mobile, Individually Ventilated Caging Systems (IVC)

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Citizen Industries Ahmedabad	Own Make	IVC ventilator, Model:V3 IVC cage Rack Model:CRB-128-DS IVC cage – Type B	Qualified	

### Item Sl. No.: 13 (Thirteen) : Microscope

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s DSS Imagetech Pvt. Ltd., Kolkata	M/s Olympus Corporation, Tokyo, Japan	SZX 16	Qualified	
2.	M/s Blue Star Limited Kolkata	M/s Optika SRL, Italy	OPTIKA SZN-T with OPTIKA PRO5 Digital camera	Rejected	The price bid page No.8 found in Technical bid with information about the price for 3 years (20.01.11 & 21.01.11 prices)

### Item Sl. No.:14 (Fourteen): Genomic & Proteomic Gel Documentation System

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Wipro GE Healthcare, Kolkata	M/s GE Healthcare Biosciences Ltd., Hong Kong	ImageQuant LAS4010	Rejected	EMD found in Technical bid Rs.157250/- DD No.669969, 30.12.11 of HSBC, Mumbai
2.	M/s Bio-Digital (P) Limited, Gurgaon	M/s Syngene UK	G: Box iChemi XR <sup>5</sup>	Qualified	
3.	M/s Bio-Rad Laboratories India Pvt. Ltd., Kolkata	M/s Bio-Rad Pacific Ltd., Hong Kong/USA	Cat. 170-8265 Molecular Imager Chemidoc XRS <sup>+</sup> System <u>Alternatively:</u> Chemidoc MP System	Disqualified	<ul style="list-style-type: none"> <li>Capture image size not matching.</li> <li>Resolution less the 3.0 mp</li> </ul>

### Item Sl. No.: 15 (Fifteen) : Ultra High Performance Liquid Chromatography System

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Waters (India) Pvt. Ltd., Kolkata	M/s Waters Ges.m.b.H., Austria	UPLC H- Class system	Qualified	
2.	M/s PerkinElmer (India) Pvt. Ltd., Kolkata	M/s PerkinElmer (Singapore) Pte. Ltd., Singapore	Part No.NF LR0215 Flexar FX-15 UHPLC Pump	Disqualified	<ul style="list-style-type: none"> <li>Not mentioned regarding how many solvents can be used.</li> <li>Injector type not mentioned.</li> <li>No information regarding column.</li> <li>No feature regarding auto-dilution.</li> </ul>
3.	M/s Agilent Technologies India Pvt. Ltd., Kolkata	M/s Agilent Technologies Singapore (Sales) Pte. Ltd., Singapore	1290/1260 HPLC System	Disqualified	<ul style="list-style-type: none"> <li>Not mentioned regarding how many solvents used.</li> <li>Injector type not mentioned.</li> <li>No information regarding column.</li> <li>No feature regarding auto-dilution</li> </ul>
4.	M/s Dionex (India) Pvt. Ltd., Mumbai	M/s Dionex Softron GmbH, Germany	Ultimate 3000 UHPLC + System	Rejected	Found EMD and Tender fee in one sealed envelope. Unable to collect the tender fee.

5.	M/s Spinco Biotech Pvt. Ltd., Hyderabad	M/s Shimatzu (Asia Pacific) Pte. Ltd, Singapore	Model: NEXERA UHPLC	Disqualified	<ul style="list-style-type: none"> <li>Column size is not matching.</li> <li>Injector type not mentioned.</li> <li>No advance feature like auto-dilution.</li> </ul>
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### Item Sl. No.: 16 (Sixteen) : Fluorimeter & Photosynthesis Yield Analyzer

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Interlab Instruments & Equipments Kolkata	Imported Brand	Mini Pam	Qualified	
2.	M/s Suravi Instrumentation Pvt. Ltd., Kolkata	M/s Surrey Scientific, England	FMS-1 <u>Alternatively:</u> FMS-2	Disqualified	Specification required of actinic light and saturation pulse not as desired.
3.	M/s Spectra Agritec, New Delhi	M/s Heinz Waltz GmbH, Germany	MINI – PAM	Qualified	
4.	M/s JH Bio Innovations Pvt. Ltd., Bangalore			Rejected	EMD disclosed in Tech. bid Rs.32350/- DD No.016164 of Axis Bank. Also tender fee not found in Tech. Bid i.e., Tender fee & EMD in one sealed envelope.

### Item Sl. No.: 17 (Seventeen) : Vertical Airflow Biological Safety Cabinet

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Genaxy Scientific Pvt. Ltd., New Delhi	M/s Nuve Sanayi Malzemeleri Imalat Ve Ticaret A.S., Turkey	MN120	Disqualified	<ul style="list-style-type: none"> <li>Epoxy coated polyster painted cold rolled sheet.</li> <li>Exhaust inter lock system – not mentioned.</li> </ul>
2.	M/s Macro Scientific Works Pvt. Ltd., Delhi	Own Make	<b>Opt. 1:</b> Mac- MSW-164 (B <sub>2</sub> ), Model: BSC-422 (B <sub>2</sub> ) <u>Alternatively</u> BSC-622 (B <sub>2</sub> ) <b>Opt.2:</b> MSW-16402, Model:BSC-1200 (C <sub>2</sub> -B <sub>2</sub> )	Disqualified	<ul style="list-style-type: none"> <li>Plexiglass sliding door.</li> <li>Cabinet wooden/ cold rolled steel.</li> <li>100% air exhaust.</li> </ul>

3.	M/s Precision Bio-tek Instruments Pvt. Ltd., Noida	M/s JS Research Inc., Korea	JSCB-1200 SL	Disqualified	<ul style="list-style-type: none"> <li>• Cabinet steel quality – not mentioned.</li> <li>• Exhaust inter-lock system – not mentioned.</li> </ul>
4.	M/s Labchem & Labortenik Instruments Kolkata	M/s Esco Micro Pte. Ltd., Singapore	AB2-4S1	Qualified	
5.	M/s Orissa Scientific Company, Cuttack	M/s Yarco Scientific Industries Pvt. Ltd., Delhi	YORCO make YSI – 190EX	Disqualified	<ul style="list-style-type: none"> <li>• Stainless steel solid plate – cabinet – not mentioned.</li> <li>• Interlock exhaust system – not mentioned</li> </ul>
6.	M/s Bio-technika Bhubaneswar	M/s Nuaire Inc., USA	Labquard NU-427 Cat. NU-427-400E	Qualified	
7.	M/s Suravi Instrumentation Pvt. Ltd., Kolkata	M/s Thermo Electron LED GmbH, Germany	MSC 1.2 Part No.51025411	Qualified	
8.	M/s Macroflow Devices India Private Ltd., Chennai	Own Make	MFD-BS-1200	Rejected	14/15 purchase orders with price found in Technical bid.
9.	M/s Alpha Linear Bangalore	Alpha Linear Own Make	BS-2422 B <sub>1</sub>	Disqualified	<ul style="list-style-type: none"> <li>• Poly carbonate balanced vertical sliding door.</li> <li>• Galvanized steel epoxy powder coated – work place.</li> <li>• No brochure of offered model provided</li> </ul>
10.	M/s Labeast Instruments Kolkata	M/s Thermo Fisher Scientific (Asheville) LLC, USA	1300 Series Model: 1386	Disqualified	<ul style="list-style-type: none"> <li>• No stainless steel interior cabinet wall.</li> <li>• Exhaust interlock system – not mentioned.</li> </ul>
11.	M/s Daihan Labtech India Pvt. Ltd., New Delhi	M/s Daihan Labtech Co. Ltd., Korea/ M/s Daihan Labtech India Pvt. Ltd., New Delhi	LCB-1203B A <sub>2</sub>	Disqualified	<ul style="list-style-type: none"> <li>• Electrical outlet – not mentioned</li> <li>• Alarm audible system – not mentioned.</li> <li>• Sound level – not mentioned.</li> </ul>
12.	M/s Matrix Eco Solution, New Delhi	Own Make	Matrix	Disqualified	<ul style="list-style-type: none"> <li>• No brochure</li> <li>• No compliance sheet</li> <li>• No technical details</li> </ul>

### Item Sl. No.: 18 (Eighteen) : CO<sub>2</sub> Incubator

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Genaxy Scientific Pvt. Ltd., New Delhi	M/s Nuve Sanayi Malzemeleri Imalat Ve Ticaret A.S., Turkey	EC 160	Disqualified	<ul style="list-style-type: none"> <li>• Volume 160L</li> <li>• Fully automatic start up and sterilization facility – not available/ mentioned.</li> </ul>
2.	M/s Bio-technika Bhubaneswar	M/s Nuaire Inc., USA	NU-5510E	Disqualified	<ul style="list-style-type: none"> <li>• Volume 188L</li> <li>• Humidity pan -water tray.</li> <li>• Fully automatic start-up and sterilization facility – not mentioned.</li> </ul>
3.	M/s Labchem & Labortenik Instruments Kolkata	M/s Esco Micro Pte. Ltd., Singapore	CCL-170B-8UV Part No.CCL-170B-8- UV	Disqualified	<ul style="list-style-type: none"> <li>• Volume 170L</li> <li>• Humidity pan-water tray.</li> <li>• Fully automatic start-up and sterilization facility – not mentioned</li> </ul>
4.	M/s Orissa Scientific Company, Cuttack	M/s Yarco Scientific Udyog Pvt. Ltd., Delhi	YORCO YSI – 449	Disqualified	<ul style="list-style-type: none"> <li>• Humidity pan-water tray.</li> <li>• Humidity range &amp; no. of shelves not mention in brochure.</li> <li>• Sterilization cycle – not mentioned.</li> </ul>
5.	M/s Precision Bio-tek Instruments Pvt. Ltd., Noida	M/s N-Biotek Inc., South Korea	NB-203XL	Disqualified	<ul style="list-style-type: none"> <li>• Volume 179L</li> <li>• Water tray.</li> <li>• Fully automatic start-up and sterilization facility – not mentioned.</li> </ul>
6.	M/s Macro Scientific Works Pvt. Ltd., Delhi	Own Make	Mac make: MSW-129 (DX), Model: CDI 151(MH) <u>Alternatively</u> MSW-129(DX), Model: CDI-151 (UV)	Disqualified	<ul style="list-style-type: none"> <li>• Fully automatic start-up and sterilization facility – not mentioned.</li> <li>• Water tray (both model)</li> </ul>

7.	M/s Suravi Instrumentation Pvt. Ltd., Kolkata	M/s Thermo Electron LED GmbH, Germany	HERA Cell150i Part No.51026280	Qualified	
8.	M/s Labeast Instruments Kolkata	M/s Thermo Fisher Scientific (Asheville) LLC, USA	Model: 371	Disqualified	<ul style="list-style-type: none"> <li>• Volume 184L</li> <li>• Humidity pan-water tray.</li> <li>• Fully automatic sterilization start-up facility – not mentioned</li> </ul>
9.	M/s Matrix Eco Solution, New Delhi	Own Make	Matrix	Disqualified	<ul style="list-style-type: none"> <li>• Technical detail, brochure, compliance sheet not provided.</li> </ul>
10.	M/s Eppendorf India Ltd., Kolkata	M/s New Brunswick Scientific Co. Inc., USA	Galaxy CO 170S Part No.CO170S-230-1000	Disqualified	<ul style="list-style-type: none"> <li>• Volume 170L</li> <li>• Stainless steel pan- water tray.</li> <li>• Fully automatic start-up and sterilization facility – not mentioned.</li> </ul>

### Item Sl. No.: 19 (Nineteen) : Trinocular Inverted Microscope

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Blue Star Limited, Kolkata			Rejected	No tender fee found in Tech. bid & disclosure of prices of selling (pipe in Euro) to other Institute i.e., page no.8 of Price Bid disclosed in Tech. Bid.
2.	M/s ASE Instruments Agency Pvt. Ltd., Kolkata	M/s Carl Zeiss Micro Imaging GmbH, Germany	'Axiovert' A1 Alternatively: 'Primovert'	Qualified Disqualified	Primovert- Disqualification reason: <ul style="list-style-type: none"> <li>• Manual via quadruple objective nose piece</li> <li>• Two place slider</li> </ul>
3.	M/s Bio-technika Bhubaneswar	M/s Helmut Hund GmbH, Germany	WILOVERT Standard PH40	Disqualified	Universal holder for petridish, slides, flask not available.
4.	M/s Towa Optics (India) Pvt. Ltd., New Delhi			Rejected	EMD draft of Rs.16000/- found in Technical Bid DD No.757504, 30.12.11
5.	M/s DSS Imagetech Pvt. Ltd., Kolkata	M/s Olympus Corporation, Tokyo, Japan	CKX41	Disqualified	Quadruple nose piece
6.	M/s Radical Scientific Equipments Pvt. Ltd., Haryana	M/s Radical Scientific Equipments Pvt. Ltd., Ambala Cantt. (Own make)	Radical RTC-7	Disqualified	<ul style="list-style-type: none"> <li>• No. of revolving nose piece not mentioned.</li> <li>• Viewing angle 30°C.</li> </ul>

**Item Sl. No.: 20 (Twenty) : Leaf Porometer**

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Interlab Instruments & Equipments Kolkata	Imported Brand (Delta-T Devices Ltd., England)	AP4	Qualified	
2.	M/s Suravi Instrumentation Pvt. Ltd., Kolkata	M/s Surrey Scientific UK	SC 1	Disqualified	Measurement of resistance not possible

**Item Sl. No.: 21 (Twenty One) : Lid. N<sub>2</sub> Tank with Monitor**

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Astra Instech, New Delhi	M/s Gordinier Electronics, USA	LS 4800	Disqualified	Lot of essential items are deliberately quoted in optional items to cut price and also no. of required Crybox is not matching in the proforma invoice.
2.	M/s Nu-Tek Instruments Pvt. Ltd., Delhi	M/s Custom Biogenic Systems, USA	S-90AB-S	Disqualified	LN <sub>2</sub> capacity – 90 litres
3.	M/s Labeast Instruments Kolkata	M/s Thermo Fisher Scientific (Asheville) LLC, USA	Locator Rack & Box systems, Model: Locator4 with factory installed level monitor, Model: CY509107	Disqualified	Essential items provided as optional. Cryobox not quoted. No. of boxes/ rack is less in number

**Item Sl. No.: 22 (Twenty Two) : Water Purification System**

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Labeast Instruments Kolkata	M/s Thermo Scientific TKA Water Purification System, Germany  (Thermo Electron LED GmbH, Germany)	TKA Lab pacific UP & Lab Genpure UV-UF	Qualified	
2.	M/s Labindia Instruments Pvt. Ltd., Kolkata	M/s Elga Lab Water, England	PURE LAB PULSE2 & FLEX with accessories	Qualified	

3.	M/s Macro Scientific Works Pvt. Ltd., Delhi	Own Make	MAC MDM-110 (Wellix Plus 1)	Rejected	Tender fee not submitted. NSIC Regd. But the particular item is not covered in the approved list of NSIC issued to MACRO
4.	M/s Millipore (India) Pvt. Ltd., Kolkata	M/s Millipore (India) Pvt. Ltd., Bangalore	<b>Opt. 1:</b> Elix10, Milli Q Reference <b>Opt. 2:</b> Elix10, Synergy	Qualified	
5.	M/s Inexus Biotech Pvt. Ltd., Chennai			Rejected	Tender fee not found in Technical bid. EMD and tender fee in one sealed envelope.
6.	M/s Sartorius Weighing India Pvt. Ltd., Kolkata	M/s Sartorius Stedim Biotech GmbH, Germany <u>Through:</u> M/s Sartorius Weighing India Pvt. Ltd., Bangalore	Arium® EDI 61215 type 2 & Arium® H20Pro-UF-T	Qualified	

### Item Sl. No.: 23 (Twenty Three) : Sterilizable In Place (SIP) Bench Top Fermentor

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Eppendorf India Limited Kolkata	M/s New Brunswick Scientific, USA	BioFlo 415	Qualified	
2.	M/s Siscom Communications Pvt. Ltd., Chennai	M/s Applikon Biotechnology B.V. Schiedam, The Netherlands	Bio-Bench (Bio Bundle System)	Qualified	
3.	M/s Apollo Engineering, Kolkata	M/s Biotron Inc., Korea	LiFlus SL Cat. No.PF2S9D020	Qualified	

### Item Sl. No.: 24 (Twenty Four) : Midi Gel Electrophoresis Apparatus and Blotting Unit

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Wipro GE Healthcare, Kolkata	M/s GE Healthcare Biosciences Ltd., Hong Kong	SE600 Dual Cooled Vertical Unit 80-6479-57 with SE642D, 11-0013-42 & 18-1130-02	Rejected	As EMD found in Technical Bid Rs.27033.00, DD No.669968, 30.12.11 of HSBC, Mumbai

2.	M/s Genaxy Scientific Pvt. Ltd., New Delhi	M/s Hoefer Inc., USA	Model: SE600-15-1.5 TE70X, PS265-230V	Qualified	Part no.SE6102LF extra 4 nos. to be added for price comparison with Bio-Rad
3.	M/s Bio-Rad Laboratories India Pvt. Ltd., Kolkata	M/s Bio-Rad Pacific Ltd., Hong Kong	Protean II xi cell, Protean II xi Multi Gel Casting Chamber, Power Pac Universal & Transblot Semidry unit (Cat. Nos.165-1803, 165-2025, 164-5070, 170-3940 with accessories)	Qualified	

### Item Sl. No.: 25 (Twenty Five) : Isoelectric Focusing Unit (IEF)/ First Dimension

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Wipro GE Healthcare, Kolkata	M/s GE Healthcare Biosciences Ltd., Hong Kong	Ettan 1PG Phor 3 Isoelectric Focusing Unit 11-0033-64 with accessories	Rejected	DD No.669970 dtd. 30.12.11 of HSBC, Mumbai for Rs.20365.00 is enclosed in Technical bid.
2.	M/s Genaxy Scientific Pvt. Ltd., New Delhi	M/s Hoefer Inc., USA	IEF-100	Disqualified	Cannot accommodate 12 nos. of IPG strips of all sizes
3.	M/s Bio-Rad Laboratories India Pvt. Ltd., Kolkata	M/s Bio-Rad Laboratories Inc., USA	Cat. 165-4000 Protean IEF Cell	Qualified	Part nos. 165-4040,165-4041,165-4042,165-4050,165-4043 are essential items and should be mentioned in the main list.

### Item Sl. No.: 26 (Twenty Six) : Ultra Microtome with Capacity for Cryo Sectioning

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Leica Microsystems, Kolkata	M/s Leica Mikrosysteme Vertrieb GmbH, Germany	EMUC7 Ultra Microtome with Capacity for cryo sectioning Leica EMFC7	Qualified	
2.	M/s Icon Analytical Equipment Pvt. Ltd., Kolkata	M/s Boeckeler Instruments Inc., USA (RMC Products)	Model: PT-PC with CR-X	Qualified	<b>N.B.:</b> Items quoted on optional basis will be added in main unit for comparison with Leica quote or the Ultra microtome accessories quoted

					at sl. 7 by M/s Leica may be deleted for comparison of price only.
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**Item Sl. No.: 27 (Twenty Seven) : Digitally, Software Controlled Cryo Transmission Electron Microscope with Tomography Facility**

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Blue Star Limited, Kolkata	<u>Order to:</u> 1. M/s Jeol Asia Pte. Ltd., Singapore 2. Gatan Inc., USA 3. Oxford Instruments, UK	1) TEM: JEM 2100 of JEOL make 2) CCD Camera Orius 200B + Ultra Scan 1000XP Alternatively 4000 & Cryo holder of Gatan Inc., USA 3) INCA 100 TEM EDS of Oxford Instruments,UK	Qualified with condition	<ul style="list-style-type: none"> <li>Blue Star should be responsible for installation of GATAN accessories &amp; Oxford EDS with Jeol TEM at a time.</li> <li>Warranty for the total system incl. Gatan &amp; Oxford accessories should be at least 5 years from the date of installation</li> <li>The vender has to give a powerpoint presentation of the items quoted</li> <li>Many essential accessories in optional section may be brought to the main unit at the time of presentation.</li> </ul>
2.	M/s Icon Analytical Equipment Pvt. Ltd., Kolkata		PT-PC with CR-X	Rejected	Tender is for both Item No.27 & 26 & covering envelope is for Item No.26 (Microtome)

**Item Sl. No.: 28 (Twenty Eight) : Floor Mounted Horizontal Double Door Pass through Autoclave**

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Reliance Instruments Corporation, Chennai	Own Make	Reico Make Model: HR346DD	Disqualified	<ul style="list-style-type: none"> <li>Deliberate copy paste of our specification on their brochure</li> </ul>

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