

## TECHNICAL VERIFICATION REPORT (08 PAGES)

### Purchase of Scientific Equipment

Sealed Tender Notice No.: IV-109-S&P/2010-11/1264/ILS dated 21.06.2010

### Item Sl. No.: 01 (One) : Midi Gel Electrophoresis Apparatus with Comparable Blotting Unit & Water Circulation Cooling System

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Siskin Instruments Co. Pvt. Ltd., Bangalore – 54	M/s Julabo Labortechnik GmbH, Germany	F250 Julabo, Germany <b>Alternative Model:</b> F25-ME	Disqualified	Complete system is not quoted
2.	M/s Spinco Biotech Pvt. Ltd., Kolkata – 26	M/s GE Healthcare Bioscience Ltd., Hong Kong	SE 600 Ruby + EPS 3501 XL + Multi TempIII	Qualified	
3.	M/s Spinchrom Life Sciences Pvt. Ltd., Hyderabad-17	M/s GE Healthcare Bioscience Pvt. Ltd., Hong Kong	SE 600 Ruby + EPS 3501 XL + Multi TempIII	Qualified	

### Item Sl. No.: 02 (Two) : Refrigerated/ Cooling Table Top Centrifuge

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Suravi Instrumentation Pvt. Ltd., Kolkata – 29	M/s Thermo Electron LED GmbH, Germany	Heraeus Fresco 17	Qualified	
2.	M/s Sigma-Svi Biosolutions Pvt. Ltd., Kolkata – 29	M/s Sigma Laborzentrifugen GmbH Germany	SIGMA 1-15PK	Disqualified	<ul style="list-style-type: none"> <li>• Size is not matching to the specification</li> <li>• 36 position rotor is not quoted</li> </ul>
3.	M/s Omega Instruments (I) Pvt. Ltd., Kolkata – 16	M/s Nison Instrument (Shanghai) Ltd., China	Neofuge-13R	Disqualified	<ul style="list-style-type: none"> <li>• Size is not matching to the specification</li> <li>• 36 position rotor is not quoted</li> </ul>
4.	M/s Labchem & Labortenik Instruments, Kolkata – 10	M/s Hermle Labortechnik GmbH, Germany	Z216 MK	Disqualified	<ul style="list-style-type: none"> <li>• Size is not matching to the specification</li> </ul>
5.	M/s Eppendorf India Ltd., Kolkata – 31	M/s Eppendorf AG, Germany	5415 R	Qualified	
6.	M/s Bio-Scan Instruments Kolkata – 65	M/s Oriental Instruments Ltd., Japan, M/s Labogene ApS, Denmark	H-9R 1730MR	Disqualified	Price Bid for 7 items found in one envelope as well as the Technical bid.

7.	M/s Labeast Instruments, Kolkata – 31	M/s Thermo Electron LED GmbH, Germany	Thermo Servall Legend Micro 17R <b>Alternative Model:</b> Thermo Servall Legend Micro 21R	Qualified  Qualified	
8.	M/s Discovery Bhubaneswar	M/s Herolab GmbH Laborgeraete Germany	Cat. No. Microcen MR	Disqualified	<ul style="list-style-type: none"> <li>No catalogue provided to compare and size is not matching to the specification.</li> </ul>
9.	M/s Precision Bio-tek Instruments Pvt. Ltd., Delhi – 92	M/s Hanil Science Industrial Co. Ltd., South Korea	Micro 17TR	Disqualified	<ul style="list-style-type: none"> <li>Size is not matching to the specification.</li> <li>36 position rotor is not quoted.</li> </ul>

**Item Sl. No.: 03 (Three) : Vacuum Pump:** No tenders received for this item.

**Item Sl. No.: 04 (Four) : Dry Bath**

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Omega Instruments (I) Pvt. Ltd., Kolkata – 16	M/s Tokyo Rikakikai Co. Ltd., Japan	MG-1000	Disqualified	<ul style="list-style-type: none"> <li>0.2 ml. block is not available</li> </ul>
2.	M/s Eppendorf India Ltd., Kolkata – 31	M/s Eppendorf AG, Germany	Thermostat Plus	Qualified	
3.	M/s Bio-Scan Instruments, Kolkata – 65	M/s Grant Instruments (Cambridge), England	PCH-1 PCH-2	Disqualified	Price Bid for 7 items found in one envelope as well as the Technical bid.
4.	M/s Labeast Instruments Kolkata – 31	M/s Thermo Fisher Scientific (Asheville) LLC, USA	5112 (Digi-Block Jr. Single Block) Thermo Bransted Make	Disqualified	<ul style="list-style-type: none"> <li>Temperature range is not matching</li> </ul>
5.	M/s Discovery Bhubaneswar	M/s Tauras Scientific Mktd. By: Genetix Biotech Asia Pvt. Ltd.	Cat. No.32005-0012 Thermo-cell with cooling	Disqualified	<ul style="list-style-type: none"> <li>Temperature range is not matching</li> </ul>
6.	M/s Precision Bio-tek Instruments Pvt. Ltd., Delhi – 92	M/s Hangzhou Bioer Technology Co. Ltd., Hangzhou	CHB-202	Qualified	

**Item Sl. No.: 05 (Five) : Thermo Mixer Comfort**

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Eppendorf India Ltd., Kolkata – 31	M/s Eppendorf AG, Germany	Part No.5335 000-011	Qualified	
2.	M/s Bio-Scan Instruments, Kolkata-65	M/s Grant Instruments (Cambridge), England	PHMT-PSC20	Disqualified	Price Bid for 7 items found in one envelope as well as the Technical bid.
3.	M/s Discovery Bhubaneswar	M/s Tauras Scientific Mkted. By: Genetix Biotech Asia Pvt. Ltd.	MB 102, Cat. No.32005-0013	Qualified	
4.	M/s Precision Bio-tek Instruments Pvt. Ltd., Delhi – 92	M/s Hangzhou Bioer Technology Co. Ltd., Hangzhou	MB-102	Qualified	

**Item Sl. No.: 06 (Six) : Incubator**

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Suravi Instrumentation Pvt. Ltd., Kolkata – 29	M/s Thermo Electron LED, GmbH, Germany	T-12	Qualified	
2.	M/s Interlab Instruments & Equipments Kolkata – 53	M/s Lindberg/ Blue M, USA	GO 1340C	Qualified	
3.	M/s Daihan Labtech India Pvt. Ltd., New Delhi	M/s Daihan Labtech Co. Ltd., Korea	1) LIB-150M <b>Alternatively Model:</b> 2) LDO-150N	Disqualified	<ul style="list-style-type: none"> <li>Higher temp. limit is not matching with given specification</li> </ul>
4.	M/s ASE Instruments Agency Pvt. Ltd., Kolkata – 10	Jeio Tech Co. Ltd., Korea	OF-22G	Disqualified	<ul style="list-style-type: none"> <li>Size is not matching the given specification</li> <li>Temp. range is not matching</li> </ul>
5.	M/s Labeast Instruments, Kolkata – 31	M/s Thermo Fisher Scientific (Asheville) LLC, USA	625 <b>Alternatively Model:</b> 625S	Disqualified	<ul style="list-style-type: none"> <li>Temp. range is not matching the specification</li> </ul>

**Item Sl. No.: 07 (Seven) : Vacuum Blotting Pump**

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Omega Instruments (I) Pvt. Ltd., Kolkata – 16	M/s Tokyo Rikakikai Co. Ltd., Japan	DTC-22	Disqualified	<ul style="list-style-type: none"> <li>• Not match with the dimension.</li> <li>• Required general vacuum pump, not a diaphragm vacuum pump.</li> <li>• Liquid trap, gasket not mentioned.</li> </ul>
2.	M/s Spinco Biotech Pvt. Ltd., Kolkata – 26	M/s GE Healthcare Biosciences Ltd., Hong Kong	Vacu Gene XL	Qualified	
3.	M/s Spinchrom Life Sciences Pvt. Ltd., Hyderabad	M/s GE Healthcare Biosciences Ltd., Hong Kong	Vacu Gene XL	Qualified	
4.	M/s Discovery Bhubaneswar	M/s Biometra Germany Mkt. By: Genetix Biotech Asia Pvt. Ltd.	MP 86 Cat. No.049000	Disqualified	<ul style="list-style-type: none"> <li>• Product brochure is not enclosed.</li> <li>• Dimension of the instrument is not mentioned.</li> <li>• Accessories provision not mentioned.</li> </ul>

**Item Sl. No.: 08 (Eight) : Electronic Balance**

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Sartorius Mechatronics India Pvt. Ltd Kolkata – 68	M/s Sartorius AG Germany	BSA 822	Qualified	
2.	M/s Anamed Instruments Pvt. Ltd., Mumbai	Own make	MX 7210A	Disqualified	<ul style="list-style-type: none"> <li>• Linearity, repeatability and response time not there</li> </ul>
3.	M/s Labeast Instruments, Kolkata – 31	M/s Ohaus Corporation, USA	AV 812	Qualified	

**Item Sl. No.: 09 (Nine) : Heating & Drying Oven**

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Suravi Instrumentation Pvt. Ltd., Kolkata – 29	M/s Thermo Electron LED, GmbH, Germany	T-12	Qualified	
2.	M/s Omega Instruments (I) Pvt. Ltd., Kolkata – 16	M/s Tokyo Rikakikai Co. Ltd., Japan	NDO 400	Disqualified	<ul style="list-style-type: none"> <li>• Internal volume much lower (not matching)</li> </ul>
3.	M/s Interlab Instruments & Equipments Kolkata – 53	M/s Lindberg/ Blue M, USA	GO 1340C	Disqualified	<ul style="list-style-type: none"> <li>• No integrated timer</li> <li>• Volume not matching</li> </ul>

4.	M/s Shiva Global Teknologies Delhi – 92	M/s Yamato Scientific Co. Ltd., Japan	DX 602	Disqualified	<ul style="list-style-type: none"> <li>Internal volume not matching</li> </ul>
5.	M/s Daihan Labtech India Pvt. Ltd., New Delhi	M/s Daihan Labtech Co. Ltd., Korea	LDO-150N	Disqualified	<ul style="list-style-type: none"> <li>Internal volume not matching</li> </ul>
6.	M/s ASE Instruments Agency (P) Ltd., Kolkata – 10	M/s Jeio Tech Co. Ltd., Korea	OF-22G	Disqualified	<ul style="list-style-type: none"> <li>Size not matching (Internal volume is higher than required)</li> </ul>
7.	M/s Bio-Scan Instruments Kolkata – 65	M/s MMM Medcenter Einrichtungen GmbH, Germany	Venticell 111R	Disqualified	Price Bid for 7 items found in one envelope as well as the Technical bid.
8.	M/s Labeast Instruments Kolkata – 31	M/s Thermo fisher Scientific (Asheville) LLC, USA	625 <b>Alternative Model:</b> 625S	Disqualified	<ul style="list-style-type: none"> <li>Temp. range not matching</li> <li>Integrated timer missing</li> </ul>
9.	M/s Discovery Bhubaneswar	Mktd. By: Genetix Biotech Asia Pvt. Ltd.	ZRD 5110	Disqualified	<ul style="list-style-type: none"> <li>Upper temp. range not matching.</li> <li>Inappropriate supporting document.</li> </ul>

### Item Sl. No.: 10 (Ten) : Ductless Fume Hood

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Labchem & Labortenik Instruments Kolkata - 10	M/s Esco Micro Pte. Ltd., Singapore	ADC 3B1	Disqualified	<ul style="list-style-type: none"> <li>ECM impeller with timer is absent.</li> <li>Automatically adjustable motor speed for filter pressure drop, barometric pressure and room temp. is absent.</li> </ul>
2.	M/s AIM Kolkata – 75	M/s Labquip (S) Pte. Lte., Singapore	Cat. No.6963320 of Labconco Corpn., USA	Qualified	
3.	M/s Biogentek BG (I) Pvt. Ltd., New Delhi – 58	M/s Labconco Corporation, USA	Cat. No.6963320	Qualified	

**Item Sl. No.: 11 (Eleven) : Cooling Incubator**

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Shiva Global Teknologies Delhi – 92	M/s Yamato Scientific Co. Ltd., Japan	IN 603W	Qualified	
2.	M/s Omega Instruments (I) Pvt. Ltd., Kolkata – 16	M/s Tokyo Rikakikai Co. Ltd., Japan	LTI 700	Qualified	
3.	M/s Daihan Labtech India Pvt. Ltd., New Delhi	M/s Daihan Labtech Co. Ltd., Korea	LBI 150E	Disqualified	Temp. range specification is not matching
4.	M/s ASE Instruments Agency (P) Ltd., Kolkata – 10	M/s Jeio Tech Co. Ltd., Korea	IL 11	Disqualified	Temp. range specification is not matching
5.	M/s Eppendorf India Ltd., Kolkata – 31	M/s New Brunswick Scientific, USA	E 24R <b>Alternatively:</b> INNOVA 42	Disqualified	Temp. range specification is not matching Temp. range specification is not matching
6.	M/s Scigenics Biotech Pvt. Ltd. Chennai – 41	Own make	ORBITEK 170L	Disqualified	Temp. range specification is not matching
7.	M/s Bio-Scan Instruments Kolkata – 65	M/s MMM Medcenter Einrichtungen GmbH, Germany	Friocel 111	Disqualified	Price Bid for 7 items found in one envelope as well as the Technical bid.
8.	M/s Labeast Instruments Kolkata – 31	M/s Thermo Fisher Scientific (Asheville) LLC, USA	PR 205740R	Disqualified	Anti-bacterial stainless steel shelves absent
9.	M/s Discovery Bhubaneswar	Mktd. By: Genetix Biotech Asia Pvt. Ltd.	ZSD A1160	Disqualified	<ul style="list-style-type: none"> <li>Temp. range did not match.</li> <li>Brochure is not provided.</li> </ul>
10.	M/s Precision Bio-tek Instruments Pvt. Ltd., Delhi – 92	M/s N-Biotek Inc., South Korea	NB – 205QF	Disqualified	Temp. range did not match

**Item Sl. No.: 12 (Twelve) : Vacuum Pump**

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Omega Instruments (I) Pvt. Ltd., Kolkata – 16	M/s Tokyo Rikakikai Co. Ltd., Japan	DTC – 41	Disqualified	<ul style="list-style-type: none"> <li>Does not mention whether it can be used for lab filtration.</li> </ul>
2.	M/s Bio-technika Bhubaneswar	M/s Millipore India Pvt. Ltd., Bangalore	XI 0422050 Make: Millipore	Qualified	
3.	M/s Science Park Bhubaneswar	M/s Millipore India Pvt. Ltd., Bangalore	XI 0422050 Make: Millipore	Qualified	

**Item Sl. No.: 13 (Thirteen) : Micro-centrifuge**

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Eppendorf India Ltd., Kolkata – 31	M/s Eppendorf AG, Germany	5417R Part No.5407 000.317	Disqualified	<ul style="list-style-type: none"> <li>-90<sup>0</sup> to 40<sup>0</sup>C instead of -20<sup>0</sup>C to 40<sup>0</sup>C</li> </ul>
2.	M/s Bio-Scan Instruments Kolkata – 65	M/s Labogene ApS, Denmark <b>Alternatively:</b> M/s Oriental Instruments Ltd., Tokyo	1730 MR  <b>Alternatively:</b> Kokusan Model H-9R	Disqualified	Price Bid for 7 items found in one envelope as well as the Technical bid.
3.	M/s Discovery Bhubaneswar	M/s Herolab GmbH Laborgeraete, Germany Mkt. By: Genetix Biotech Asia P. Ltd.	Make: Herolab Cat. No.Microcen MR	Disqualified	<ul style="list-style-type: none"> <li>Size does not match</li> </ul>
4.	M/s Labchem & Labortenik Instruments Kolkata - 10	M/s Hermle Labortechnik GmbH, Germany	Z 326K	Disqualified	<ul style="list-style-type: none"> <li>Max. RCF 23545g instead of 28756xg</li> <li>Break selection silent</li> </ul>
5.	M/s Precision Bio-tek Instruments Pvt. Ltd., Noida	M/s Hanil Science Industrial Co. Ltd., South Korea	Micro 17 TR	Qualified	

**Item Sl. No.: 14 (Fourteen) : Water Bath (Stainless steel)**

Sl. No.	Name of the Firm	Principal Name	Make/ Model	Qualified/ Disqualified	Reason of Disqualification
1.	M/s Siskin Instruments Co. Pvt. Ltd., Bangalore – 54	M/s Julabo Labortechnik GmbH Germany	ED 13 Part No.9116413	Disqualified	<ul style="list-style-type: none"> <li>Not as per the specification</li> </ul>
2.	M/s Bio-Scan Instruments Kolkata – 65	M/s Grant Instruments (Cambridge) Ltd., England	SUB AQUA 12	Disqualified	Price Bid for 7 items found in one envelope as well as the Technical bid.
3.	M/s Labeast Instruments Kolkata – 31	M/s Thermo Fisher Scientific (Asheville) USA	18007A – 1CEQ	Disqualified	<ul style="list-style-type: none"> <li>Actual L, WD in catalogue does not match with specification. (18007A-1CEQ).</li> <li>Digital display system 0.1<sup>0</sup>C-37<sup>0</sup>C does not match.</li> </ul>
4.	M/s Discovery Bhubaneswar	Mkt. By : Genetix Biotech Asia Pvt. Ltd.	Cat. No.TS.U-BWT-8	Disqualified	<ul style="list-style-type: none"> <li>Size does not match</li> <li>Capacity silent. Lower temp. range not matching.</li> <li>Temp. constancy not specified</li> </ul>
5.	M/s Bio-technika Bhubaneswar	M/s GFL mbH Germany	1012	Qualified	
6.	M/s Science Park Bhubaneswar	M/s GFL mbH Germany	1012	Qualified	

**Item Sl. No.: 15 (Fifteen) : Liquid Nitrogen Tank**

<b>Sl. No.</b>	<b>Name of the Firm</b>	<b>Principal Name</b>	<b>Make/ Model</b>	<b>Qualified/ Disqualified</b>	<b>Reason of Disqualification</b>
1.	M/s Biogentek BG (I) Pvt. Ltd. New Delhi – 58	M/s Statebourne Cryogenics Ltd., UK	BIO-35 Cat. No.9902120	Qualified	
2.	M/s Labeast Instruments Kolkata – 31	M/s Thermo Fisher Scientific (Asheville) USA	BIO-Cane 34 Cat. No.CK 509X3	Disqualified	Cat. No.CK 509X3 tells static holding time 193 days but requirement is 303 days
3.	M/s Bio-technika Bhubaneswar	M/s INOX Mktd. By: Axiva, Delhi	IX 35	Qualified	