

LIST OF EQUIPMENTS COSTING ₹ 10 LACS AND ABOVE PROCURED IN THE FINANCIAL YEAR 2011-12

SR. N.	NAME OF EQUIPMENT	PURCHASE ORDER NO.		DATE OF ORDER	NAME OF THE FIRM	VALUE OF ORDER (₹ in Lacs)
1	High Performance Compute Cluster	17(618) 10-PB	5 & 21	24-05-11	Netweb Pte Ltd., Singapore	24.48
2	Cs Frequency standard & clock	14-VI/PB (628)10-PB	62	28-06-11	Advance Micronic, Delhi	36.00
3	Atomic Layer Deposition System	14-VII/V (2282)10-PB	11	30-06-11	Picosun, Finland	193.20
4	Sputter Coater	14-VI/BD (612)10-PB	69	30-06-11	Milman thin Film system, Pune	20.65
5	10 Volt Josephson Voltage standard Chip	14-VI/VN (630)10-PB	17	05-07-11	Hypren, USA	20.15
6	Plasma Cleaner	14-VII/SS (2279)10-PB	19	11-07-11	Gatan Inc., USA	44.10
7	Langmuir Blodgett System	14-VI/VV (626)10-PB	18	11-07-11	Biolin, Sweden	22.30
8	Metrological AFM with built in Optical Interfermeters	14-II(2283) 10-PB	22	26-07-11	NPL, U.K.	561.80
9	Microtops Ozonometer	14-II(2321) 11-PB	25	04-08-11	Solar Light PA, USA	13.00
10	Personal Computers, Scanner	17(640) 11-PB	113	04-08-11	HP India Sales Pvt Ltd., Gurgaon	12.00
11	Secondary Microphone Calibration system	14-III/NG (402)11-PB	31	17-08-11	B & K , Denmark	21.66
12	Ion Pump, Gauges & Controller	14-VI/AA (634)11-PB	34	26-08-11	Agilent SPA, Italy	15.48
13	Physical Vapour Deposition system	14-VI/BD (613)10-PB	151	29-08-11	Milman, Pune	25.18
14	UVS-A-T UV Radiometer	14-II (2331)11-PB	38	06-09-11	Kipp & Zonen Asia, Singapore	24.50
15	WCT-120 and Suns VOC Measurement Equipment	14-VII/V(2301) 11-PB	39	07-09-11	Sinton Instruments, USA	14.00
16	Ion Source	14-VII/RR (2299)11-PB	47	19-09-11	Kaufman & Robinson Inc., USA	14.30
17	Multichannel Phase Comparator	14-VI/AK (LS-106)11-PB	50	21-09-11	Vremya, Russia	11.86
18	Multichannel Phase Comparator	14-VI/AK (638)11-PB	53	28-09-11	Vremya, Russia	10.56
19	Temperature Control Sample stage	14-VII/MS (2302)11-PB	56	28-09-11	Munkoukeiki Co. Ltd., Japan	18.40
20	Glove Boxes Accessories	14-VII/PK (2303)11-PB	54	28-09-11	Tronato Mfr. Inc., NY, USA	44.50
21	Impedance Analyzer	14-III/AKB (410)11-PB	55	28-09-11	Agilent Technologies Singapore Sales Pte Ltd., Singapore	39.08
22	Laser system	14-VI/AA (636) 11-PB	58	29-09-11	Toptica GmbH, Germany	42.30

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23	Atomic Force Microscope	14-VI/BD (587)09-PB	63	07-10-11	Bruker Axs Pte Ltd., Singapore	75.00
24	Two Way Server	17(655) 11-PB	64	12-10-11	Avnet Asia Pte Ltd., Singapore	22.20
25	Luminous Intensity Light Source	14-III/NG (403)11-PB	74	01-11-11	PRC, Germany	14.97
26	Particle Size analyzer	14-VI/BD (627)10-PB	81	04-11-11	Malvern UK,	19.23
27	Upgradation & Retrofitting of Universal Measuring Machine-SIP MUL 4000	14-III/AKB (407)11-PB	239 240	04-11-11	Octagon Precision India Pvt Ltd., Pune	25.00
28	RHEED Gun	14-II(2314) 10-PB	82	08-11-11	Staib Instruments GmbH, Germany	54.00
29	Dry Vacuum Pump	14-VII/SKS (2300) 11-PB	84	17-11-11	Edwards Ltd., UK	14.20
30	High Pressure Recovery Compressor	14-II(2336) 11-PB	256	28-11-11	Baver Kompressores India Pvt Ltd., Maharashtra	24.80
31	High Precision d33 Measurement System	14-VII/KKM (2288)10-PB	269	30-11-11	PVI Kunj Eximp Entp. Pvt Ltd., Mumbai	18.36
32	Optical Mounts & Accessories	14-VI/AA (LS-121)11-PB	97	09-12-11	Newport Corporation, USA	12.00
33	Micro-Processor Stepper (Auxiliary Output Generator)	14-VI/ASG (640)11-PB	101	19-12-11	Advanced Micronic Devises Ltd., USA	26.53
34	Probe Station	14-VI/AM (647)11-PB	102	21-12-11	Micromanipulator, USA	15.00
35	Industrial Inspection Microscope	14-II(2341) 11-PB	116 314	10-01-12	Olympus Corporation, Japan	12.00
36	8-1/2 Digit High Precision Digital Mulimeter	14-III/S (419)11-PB	118	11-01-12	Fluke South East Asia, Singapore	15.00
37	Optical Mounts/ Holders	14-II(2345) 11-PB	119 120	12-01-12	CVI, Melles Griot, The Netherlands. Newport Corpn., USA	12.00
38	Waveplates & Lenses	14-VI/AA (639)11-PB	121	16-01-12	Melles Griot BV, The Neitherlands	14.72
39	Equal Ram Double Pan Balance	14-VII/PJ (2305)11-PB	122	17-01-12	Raymor Tool Co. Inc, USA	34.87
40	High Precision 8-1/2 Digit Multifunction Calibrator	14-III/Ma (418)11-PB	125	19-01-12	Fluke South East Asia, Singapore	45.00
41	Tractor	4(714) 10-PB	233 233A 347	24-01-12	Grass Planet, New Delhi, Kamlesh Overseas Ltd., New Delhi, Modern Tractor, Delhi	11.50
42	Vacuum Pump	14-VI/AA (637)11-PB	136 514	06-02-12	Edwards Limited, UK, Edward, Pune	19.00

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43	FEL Lamps	14-II(2357) 11-PB	137	08-02-12	Labsphere Inc., USA	23.00
44	Optical Components	14-II(2351) 11-PB	141 142 387	14-02-12	Altechna, Lithuania, CVI Melles, Netherlands	12.00
45	Microwave Oven Furnace	14-VII/NV (266)11-PB	392	15-02-12	VB Ceramic Consultants, Chennai	10.00
46	Optical Mounts & Accessories	14-VI/AA (642)11-PB	152 153 154	16-02-12	Newport Corporation, USA, Altechna, Lithuania, MEL Impex, USA	25.45
47	Dielectric Impedance Analyser	14-VI/RK (650)11-PB	149 417	16-02-12	Waynekerr, UK	27.80
48	Wirecut Sample Cutting Machine	14-VI/AD (652)11-PB	150	16-02-12	South Bay Technology, USA	15.35
49	Linear Precision Diamond Saw	14-VI/AD (653)11-PB	151	16-02-12	Buehler Inc., USA	20.60
50	Multi Component Detector Gas Analyser	14-II(2361) 11-PB	156	16-02-12	Linde Kryotechnik, Switzerland	40.00
51	Single Photon Detection Unit with Multimeter Fibre Optical Cable	14-II(2346) 11-PB	157	17-02-12	Accutrol Asia Engineering Establishment, UAE	13.50
52	Table Top Planetary Ball Mill	14-VI/AD (651)11-PB	158	17-02-12	Fritsch GmbH, Germany	24.23
53	Oxygen Plasma System	14-VII/HK (281)11-PB	161	21-02-12	Euro Plasma, Belgium	11.80
54	Precision AC Calibrator	14-VI/RK (659)11-PB	159	21-02-12	Fluke South East Asia, Singapore	41.18
55	Solar Cell Inspection Tool	14-VII/V (2307)11-PB	167	24-02-12	MBJ Solutions, Hamburg, Germany	11.00
56	GPS/ Glonass Timing Receiver	14-VI/AK (643)11-PB	168	25-02-12	Pik Time, Poland	23.60
57	Photolithography Setup	14-II(2359) 11-PB	428	28-02-12	Milman Thin Film Systems Pvt Ltd., Pune	18.00
58	Ultrafast Transient Absorption Spectroscopy System	14-VII/MK (2306)11-PB	183 184 185 186	09-03-12	Coherent Inc, USA, APE Angewandte Physikand Elektronik GmbH, Berlin,Ultrafast System LLC, USA, Daeil System Co Ltd., Korea	311.56
59	Photon Correlation & Entanglement Study system	14-II(2350) 11-PB	190	13-03-12	Qutools gmbH, Germany	31.00
60	In-Lens ESB Detector & Charge Compensator	14-VII/TDS (2337)11-PB	187	13-03-12	Carl Zeiss NTS GmbH, Germany	50.00
61	Diode Pumped Air Cooled Mode Locked Laser	14-II(2349) 11-PB	192	15-03-12	Ekspla, Lithuania	77.00
62	Gas Adsorption Analyzer	14-VI/RB (654)11-PB	197 475	19-03-12	Quantachrome Instruments, USA Blue Star Ltd., Delhi	26.57
63	Laser Scribing System	14-VII/GDS(2329) 11-PB	482	19-03-12	Dynatech Instrument Pvt Ltd., New Delhi	14.91

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64	Vacuum Pump	14-VI/AA(662) 11-PB	198	19-03-12	Agilent Technology, Italy	13.60
65	High Energy Ball Mill	14-VI/AD(646) 11-PB	201 497	20-03-12	Fritsch GmbH, Germany	69.06
66	FTIR Spectrometer	14-VII/GDS (2321)11-PB	200 483	20-03-12	Perkin Elmer Singapore Pte. Ltd., Singapore Perkin Emler (india) Pvt Ltd., New Delhi	16.42
67	Roughness Measuring Machine	14-III/AKB (406)11-PB	490 491	22-03-12	Mitutoyo South Asia Pvt Ltd., New Delhi	58.50
68	NH3 Analyzers	14-II(2362)11-PB	205	26-03-12	Horiba Europe GmbH, Germany	11.00
69	Steady State Photoconductivity Setup	14-VII/PP(2317) 11-PB	213	28-03-12	Bentham Instruments Ltd., U.K.	33.21
70	High Resolution Field Emission Scanning Electron Microscope	14-VI/Ad (644)11-PB	214 215 216 511	29-03-12	Carl Zeiss SMT Ltd., UK , Oxford, UK, Gataiy, UK, Carl Zeiss, Delhi	256.55
71	Stable Isotope Ratio Mass Spectrometer (IRMS)	14-VII/RA (276)11-PB	218 512	29-03-12	Isoprina Limited, UK , SV Instruments, NewDelhi	102.14
72	Micro Raman Spectrometer	14-VI/RB(657) 11-PB	219	29-03-12	Renishwa PLC, UK	84.00
73	He Continous Flow Cryostat	14-III/AKB (404)11-PB	222	30-03-12	Janis Research Company, USA	21.62
74	Cryogenic Micro Manipulated Probe Station	14-II(2366)11-PB	224	30-03-12	Lalee share Cryotronics Inc., USA	100.00