

LIST OF PURCHASE ORDERS COSTING MORE THAN RS. 10.00 LAKHS CONCLUDED DURING THE FINANCIAL YEAR 2008-09

| S. N. | NAME OF EQUIPMENT | PURCHASE ORDER NO. & ITS DATE | | NAME OF FIRM | VALUE OF ORDER (Rs. In Lakh) | |
|-------|--|-------------------------------|-----------|--------------|--|--------|
| 1 | High Precision Automatic Direct Current Comparator (DCC) Resistance Bridge | 14-VI/SK (434)06-PB | 15 & 45 | 15-May-08 | M/S Guildline, Canada M/S ATS Delhi | 89.30 |
| 2 | Scanning Electron Microscope (SEM) & Energy Dispersive Spectroscopy (EDS) System | 14-VII/KNS (2156)06-PB | 16 & 17 | 21-May-08 | M/S Carl Zeiss SMT Ltd., UK M/S Oxford Instruments Analytical Ltd., UK | 80.08 |
| 3 | Non Contact Optical Profiler & accessories | 14-III/RS (186)06-PB | 19 | 26-May-08 | M/S Veeco Asia Pte Ltd., Singapore | 132.50 |
| 4 | TCAD Package | 14-VII/PKS (2219)07-PB | 58 | 29-May-08 | M/S Intergrated Microsystem, Gurgaon | 10.00 |
| 5 | Dead Weight 1000N & 2000N | 15(176)07-PB | 97 | 04-Jul-08 | M/S Mahavir Thermoequip, Mumbai | 17.00 |
| 6 | FTIR with Computer system | 14-III/NG (222)07-PB | 29 104 | 10-Jul-08 | M/S Varian Pvt Ltd., USA M/S Varian India Pvt Ltd., Delhi | 26.33 |
| 7 | CHNS-O Elemental Analyser | 14-VI/PR (478)07-PB | 30 105 | 15-Jul-08 | M/S Euro Vector, Italy M/S Shiva global, Delhi | 25.56 |
| 8 | Laser System | 14-VI/MK (492)07-PB | 33 | 18-Jul-08 | M/S Toptica GmbH, Germany | 26.00 |
| 9 | Helium Leak Detector | 14-VII/MS (2225)07-PB | 41 | 06-Aug-08 | M/S Alcatel Vacuum Tech., France | 16.50 |
| 10 | Electronic Comparator | 14-III/TL (303)08-PB | 42 | 12-Aug-08 | M/S Mettler Toledo, Switzerland | 29.83 |
| 11 | Electronic Comparator Balance | 14-III/GM (306)08-PB | 50 | 22-Aug-08 | M/S Mettler Toledo, Switzerland | 106.78 |
| 12 | Residual Gas Analyser | 14-VII/M (2226)07-PB | 53 54 | 29-Aug-08 | M/S Stanford Research Systems Inc, USA M/S Pfeiffer Vacuum GmbH., Germany | 13.50 |
| 13 | AC DC Transfer Standard | 14-VI/AK (531)08-PB | 62 | 04-Sep-08 | M/S Fluke, Singapore | 20.39 |
| 14 | Precision AC Calibrator | 14-VI/AK (530)08-PB | 61 | 04-Sep-08 | M/S Fluke, Singapore | 24.78 |
| 15 | Semiconductor Characterisation System | 14-VI/RS (504)08-PB | 71 | 17-Sep-08 | M/S Keithley, Germany | 31.15 |

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| 16 | Secondary Ion Mass Spectrometer (SIMS) | 14-VII/BRC (2231)07-PB | 70 | 17-Sep-08 | M/S Iontof, GmbH, Germany | 560.00 |
| 17 | VHF 2000W power supply | 14-VII/CMSR (2235)07-PB | 79 | 23-Sep-08 | M/S Vin Karola Instruments, USA | 15.77 |
| 18 | Computer Note Book | 17(476)08-PB | 204 | 07-Oct-08 | M/S Agmatel India Pvt Ltd., N. D. | 11.00 |
| 19 | UV Standard Reference Photometer | 14-II(2241) 08-PB | 84 | 08-Oct-08 | M/S NIST, USA | 42.50 |
| 20 | Thermal Analysis Workstation | 14-II(2237)08-PB | 87 248 | 21-Oct-08 | M/S Mettler Toledo AG Analytical, Switzerland | 26.50 |
| 21 | High Temperature Boroscope & Laptop | 14-VII/KKM (2236)07-PB | 243 85 | 21-Oct-08 | M/S SG Marketing Pvt Ltd., ND. | 12.95 |
| 22 | Stylus-based Surface Profiler | 14-VII/AB (2240)08-PB | 86 | 21-Oct-08 | M/S Ambios Technologies, USA | 35.00 |
| 23 | Three Phase AC Power Source | 14-VI/MK (539)08-PB | 100 | 02-Dec-08 | M/S Zera, Germany | 70.00 |
| 24 | Particale Size Analyzer | 14-VII/RPP (2227)07-PB | 103 | 05-Dec-08 | M/S NikkiSo Co. Ltd., Tokayo | 32.71 |
| 25 | SS 304 Dead Weights | 15(220)08-PB | 293 | 10-Dec-08 | M/S Waaree Instruments Ltd., Mumbai | 33.05 |
| 26 | Force Standard machine of capacity of 1MN | 14-III/KK (311)08-PB | 106 107 | 15-Dec-08 | M/S GTM Gassmann Testing, Germany M/S GTM Gassmann Testing, Germany | 949.00 |
| 27 | Cryogenic Radiometer System | 14-III/RM (230)08-PB | 112 | 22-Dec-08 | M/S L-1 Standard and Technology, USA | 164.00 |
| 28 | Integrated System for Physical Property Measurements (PPMS) | 14-II(2236)07-PB | 116-A | 26-Dec-08 | M/S Quantum Design, USA | 316.00 |
| 29 | Pyranometer | 14-II(2242) 08-PB | 125 | 15-Jan-09 | M/S Kipp & zoneen B.X, The Netherland | 12.00 |
| 30 | Rapid Thermal Processing System | 14-VII/MS (2230)07-PB | 128 | 15-Jan-09 | M/S Annealssys Sas, France | 43.00 |
| 31 | Freezing point of Tin and Zinc sealed Cells | 14-III/HK (314)08-PB | 131 | 19-Jan-09 | M/S TTL Pvt Ltd., New Delhi | 19.35 |

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| 32 | Freezing point of Aluminium and Silver sealed Cells | 14-III/HK (313)08-PB | 130 | 19-Jan-09 | M/S Fluke South East Asia Pte Ltd., Singapore | 24.62 |
| 33 | Laser Raman Spectrometer | 14-VII/SK (2213)07-PB | 134 135 | 29-Jan-09 | M/S Horiba Jobin Yvon Inc., USA M/S Newport Corp., USA | 30.00 |
| 34 | Spectro- Radiometric Measurement System | 14-III/HC(305)08-PB | 137 | 30-Jan-09 | M/S Bentham Instruments Ltd., UK | 40.00 |
| 35 | Frequency Converter | 14-VI/PS (541)08-PB | 139 140 | 02-Feb-09 | M/S Tegam, USA M/S Aimil Ltd., Delhi | 37.50 |
| 36 | Triple Point of Mercury Cell | 14-III/HK (312)08-PB | 146 | 16-Feb-09 | M/s Isothermal Technology Ltd., U. K. | 11.76 |
| 37 | UHV Components for upgradation | 14-VII/AJ (2256)08-PB | 152 | 18-Feb-09 | M/S Physical Electronics USA Inc., USA | 48.00 |
| 38 | Low Temperature PL Setup | 14-VI/RS (521)08-PB | 155 | 19-Feb-09 | M/S Advanced Research systems Inc., USA | 19.21 |
| 39 | Closed Cycle Cryostat | 14-VI/RS (522)08-PB | 154 | 19-Feb-09 | M/S Advanced Research systems Inc., USA | 16.87 |
| 40 | UHV Manipulator, Power supply | 14-VII/M (2248)08-PB | 156 | 19-Feb-09 | M/S Prevac Sp. Z., Poland | 20.00 |
| 41 | Thermal Analysis System | 14-VI/TL (471)07-PB | 153 | 19-Feb-09 | M/S Mettler Toledo Ag, Switzerland | 43.00 |
| 42 | Torque Transducer | 15(244)08-PB | 416 | 23-Feb-09 | M/S J. Ragarau Instruments, Delhi | 10.61 |
| 43 | Cad/Cam Software | 14-III/PS (333)08-PB | 443 | 04-Mar-09 | M/S EDS Technologies Pvt Ltd., Bangalore | 16.64 |
| 44 | Vibration Calibration System | 14-III/AK(302)08-PB | 167 | 05-Mar-09 | M/S Specktra Schwingung, Germany | 29.00 |
| 45 | Portable Ion Chromatograph | 14-II(2243) 08-PB | 175 479 | 17-Mar-09 | M/s Ameritech Scientific Corpn., CA M/S Dionex (India) Pvt Ltd., Mumbai | 23.00 |
| 46 | Parallel Co-Rotating Twin Screw | 14-VI/SK (517)08-PB | 171 | 17-Mar-09 | M/S Thermo Fisher, UK | 50.97 |
| 47 | High Resolution Inductively Coupled Plasma Mass Spectrometer System | 14-VII/SST (2243)08-PB | 480 | 18-Mar-09 | M/S JCS Services (P) Ltd., Hyderabad | 247.90 |
| 48 | Spectroscopic Ellipsometer | 14-VII/AB (2241)08-PB | 179 | 18-Mar-09 | M/S JA Woollam Co. Inc., USA | 70.00 |

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| 49 | Probe Station | 14-VI/RS (548)08-PB | 181 | 19-Mar-09 | M/S IT Globe Inc., USA | 59.00 |
| 50 | 32 Channel Low Thermal Scanner | 14-VI/SKJ (562)08-PB | 182 | 20-Mar-09 | M/S Data Proof, USA | 10.70 |
| 51 | OC/EC Analyser | 14-II(2244)08-PB | 185 492 | 23-Mar-09 | M/S Atmoslytic Inc, USA M/S Mars Bioanalytical Pvt Ltd., Delhi | 46.00 |
| 52 | LAN Analyzer | 14-II(2257)08-PB | 186 | 23-Mar-09 | MS fluke south East Asia Pte Ltd., Singapore | 26.33 |
| 53 | X-Ray Fluorescence Spectrometer & Computer System | 14-VII/R (2245)08-PB | 190 502 | 24-Mar-09 | M/S Rigaku corpn., Japan M/S IR Tech Services P Ltd., Noida | 91.94 |
| 54 | X and Q band EPR Spectrometer System | 14-VII/RPP (2249)08-PB | 189 | 24-Mar-09 | M/S Bruker Biospin International AG, Switzerland | 240.00 |
| 55 | Automatic Pneumatic Primary Pressure Standard & Computer system with Printer | 14-III/ND (327)08-PB | 193 519 | 24-Mar-09 | M/S Fluke South East Asia Pte Ltd., Singapore M/S TTL Technologies Pvt Ltd., N Delhi | 85.47 |
| 56 | Computers, DVD Writers, TFT Monitors | 17(518)08-PB | 503 | 24-Mar-09 | M/S Hewlett Packard India Sales PvtLtd., Gurgaon | 24.00 |
| 57 | Precision High Voltage Resistive Divider | 14-VI/KBR (554)08-PB | 198 | 26-Mar-09 | M/S Ohm Lab, USA | 18.27 |
| 58 | Spectroscopic Ellipsometer | 14-VI/RS (560)08-PB | 197 | 26-Mar-09 | M/S JA Woollam & Co. Ltd., USA | 48.00 |
| 59 | Deep Level Transient Spectrometer | 14-VII/KMKS (2242)08-PB | 199 | 26-Mar-09 | M/S Sula Technologies, USA | 95.65 |
| 60 | Multi Technique Surface Analysis System | 14-VII/G (2254)08-PB | 202 | 27-Mar-09 | M/S Omicron Nano Technology GmbH, Germany | 657.00 |
| 61 | Shock Testing System | 14-VI/MKM (563)08-PB | 204 | 28-Mar-09 | M/S MRAD, USA | 38.40 |
| 62 | Metallization System | 14-VII/AB (2253)08-PB | 530 | 30-Mar-09 | M/S Milman Thin Film System (P) Ltd., Pune | 115.00 |

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| 63 | NPL LAN Indoor Cabling and Network Switches | 17(520)08-PB | 531 | 30-Mar-09 | M/S Landmark Infonet Pvt Ltd., N Delhi | 21.00 |
| 64 | Fiber Optics Project | 17(519)08-PB | 532 | 30-Mar-09 | M/S Landmark Infonet Pvt Ltd., N Delhi | 14.00 |
| 65 | Tone Burst Amplifier | 14-III/AK(340) 08-PB | 205 | 30-Mar-09 | M/S Innerspace Technologies Inc., USA | 15.28 |
| 66 | Total Reactive Oxides of Nitrogen Analyser System | 14-II(2245) 08-PB | 215 | 31-Mar-09 | M/S Eco Physics AG., Switzerland | 51.60 |
| 67 | Non Methane Analyser | 14-II(2252)08-PB | 214 551 | 31-Mar-09 | M/S Thermo Environmental Instruments Inc., USA M/S Termo Electron LLS India, Mumbai | 37.00 |
| 68 | Glove Box | 14-II(2250)08-PB | 208 | 31-Mar-09 | M/S M. Braun Inertgas Systems GmbH, Germany | 21.50 |
| 69 | Tribometer with nano hardness tester | 14-VII/SK (2258)08-PB | 206 | 31-Mar-09 | M/S Fischer Cripps Laboratories Pte Ltd., Australia | 47.00 |
| 70 | Link Load Balancer | 14-II(2258)08-PB | 550 | 31-Mar-09 | M/S Q-1 Network Enterprises, New Delhi | 10.40 |
| 71 | Four Point Probe System | 14-VII/SKS (2260)08-PB | 211 | 31-Mar-09 | M/S Lucas Signature Corpn., USA | 16.55 |