**FIRE & GENERAL INSURANCE EQUIPMENTS LIST 2016-17**

| **S.NO** | **DEPT.** | **DESCRIPTION** | **NAME OF MANUFACTURER** | **DATE OF PURCHASE** | **PURCHASE OF COST (RS.)** | **PRESENT VALUE (RS.)** |
| --- | --- | --- | --- | --- | --- | --- |
| 1 | AE | LASER DOPLER ANEMOMETER SYSTEM WITH ACCESSORIES (RGD LAB) | M/S. TSI INCORPORATED, USA | 28.03.2007 | 8114680 | 8114680.00 |
| 2 | AE | SERVO HYDRAULIC FATIGUE TESTING MACHINES WITH ACCESSORIES (STRUCTURES LAB) | M/S. INSTRON LIMITED UK | 04.06.2007 | 6139537 | 6139537.00 |
| 3 | AE | HIGH SPEED VIDEO CAMERA MODELVRI V12-32-G-C | M/S. VISION RESEARCH INC USA | 18.05.2009 | 4852800 | 4852800.00 |
| 4 | AE | ND-YLF LASER FOR PIV | M/S. PHOTONICS INDUSTRIES INTERNATIONAL INC. USA | 07.07.2009 | 5849525 | 5849525.00 |
| 5 | AE | ND YAG LASER AND TUNABLE DYE LASER LASER YG 981E 9MM OSCIALL-ATOR AMPLIFIER 1064 NM 1042 SN 0729801 | M/S. OUANTEL SA, FRANCE | 28.01.11 | Euro 52,300 (Rs.4184000/-)  | 4184000.00 |
| 6 | AE | GT 100 RS TURBOJET TRAINER WITH REHEAT BASED ON THE TURBO JET (GT 100) THIS PRODUCT HAS A REHEAT (AFTERBURNER) SECTION FOR IN DEPTH EXAMINATION OF A WORKING GAS TURBINE | M/S. ADVANCE TECH INTER NATIONAL FZE | 24.10.12 | GBP 58,616 (Rs.5744368/-) | 5744368.00 |
| 7 | AE | ND-YAG LASER OSCILLATOR/MPLIFIER Ø 6Ø 9MM 10MZ, 1200MJ @ 1064NM, 10HZ | M/S. QUANTEL S.A | 29.03.13 | Euro 48700 (Rs.3896000/-) | 3896000.00 |
| 8 | AE | TUNABLE DYE LASER TUNABLE DYE LASER, 420-750NM , FUNDAMENTAL, 2400L/MM GRATING , SCAN CONTROL TERMINAL, RS232 INTERFERFACE | M/S. QUANTEL S.A | 29.03.13 | Euro 37200 (Rs.2976000/-) | 2976000.00 |
| 9 | AE | PI-MAX3:1024I SB FG – P46-PRINCETON INSTRU MENTS PI-MAX3:1024I-SB INTENSIFIED CAMERA SYSTEM. 1:1 FIBRE OPTIC BONDED TO 18MM GENII, SB, FAST GATE INTENSIFIER W/P46 PHOSPHOR. INCL F-MOUNT(#7389-0032), SPEC-MOUNT (#7389-0033) | M/S.PRINCETON INSTRUMENTS, USA | 23.07.13 | USD 58495 (Rs.3509700/-) | 3509700.00 |
| 10 | AE | GAS CHROMATOGRAPH WITH FLAME IONISATION DETECTOR, THERMAL CONDUCTIVITY DETECTOR AND MASS SPECTROMETER | M/S.AGILENT TECHNOGY INDIA PVT LTD, BANGALORE | 29.04.2013 | 4,390,000 | 4390000.00 |
| 11 | AE | HIGH SPEED TOMOGRAPHIC PIV 4 CAMERA | M/S.LAVISION GMBH, GERMANY | 31.07.2013 | 27,884,720 | 27884720.00 |
| 12 | AE | PHASE DOPPLER PARTICLE ANALYSER | M/S.ARTIUM TECHNOLOGIES INC, U.S.A. | 27.08.2013 | 12,247,763 | 12247763.00 |
| 13 | AE | HOT WIRE ANEMOMTER WITH WELD ATTACHMENT AND COMPLETE ACCESSORIES | M/S.DANTECH DYNAMICS, DENMARK | 05.08.2013 | 8,450,400 | 8450400.00 |
| 14 | AE | PYROPROBE®5200 HIGH PRESSURE PYROLYZER WITH REACTANT GAS OPERATION | M/S.CDS. ANALYTICAL, USA | 06.11.2013 | 4,408,165 | 4408165.00 |
| 15 | AE | DELL PRECISION T5600 WORKSTATION - 20 SET | M/S.DEV SYSTEM & SERVICES, CHENNAI | 18.02.2014 | 3,654,000 | 3654000.00 |
| 16 | AE | WAVELENGTH METER WS6-200 (STANDARD) -3NO WITH CALIBRATION LIGHT | M/S.HIGH FINESSE GMBH, GERMANY | 30.01.2014 | 7,912,320 | 7912320.00 |
| 17 | AE | HIGH PRESSURE THERMOGRAVIMETRIC ANALYSER (HPTGA) WITH GAS CHROMATOGRAPH & WITH ACCESSORIES | M/S. LINSEIS GMBH, GERMANY | 27.06.2014 | 17,910,000 | 17910000.00 |
| 18 | AE | COMPUTER CONTROLLED SUBSONIC WIND TUNNEL WITH ACCESSORIES | ARMFIELD LTD., ENGLAND | 04.06.2014 |  Rs. 34,14,100/-                      GBP 34,141/-  | 3414100.00 |
| 19 | AE | NDYLF 527NM WAVELENGH DUAL CAVITY DOUBLE PULSED MODEL LDY304 | M\S.LITRON LASER ,ENG | 15.5.2015 | GBP 61855 | 6185500.00 |
| 20 | AE | AIR COMPRESSORS | INGERGOLL RAND INTERNATIONAL INDIA LTD, BANGALORE | 09.7.2013 | 98,49,871 | 9849871.00 |
| 21 | AE | ND YAG 1064 NM LASER | QUANTEL FRANCE | 15.12.214 | 50,24,997 | 5024997.00 |
| 22 | AE | ND YAG PLUS TUNABLE DYE LASER QUANTAL MAKE | QUANTEL FRANCE | 23.12.2014 | 2,03,76,279 | 20376279.00 |
| 23 | AE | DANTEC HIGH SPEED PLIF | DANTEC DYNAMICS DENMARK | 13.04.2015 | 5,55,14,195 | 55514195.00 |
| 24 | AE | LITRON LASERS NDYAG 532NM WAVE LENGTH | LITRON LASERS, ENGLAND | 13.04.2015 | 61,99,471 | 6199471.00 |
| 25 | AE | MINI LDV  | MEASUREMENT SCIENCE ENTERPRISES, CA | 15.04.2015 | 1,49,53,296 | 14953296.00 |
| 26 | AE | CONE CALORIMETER | GOVMARK LTD, USA | 21.04.2015 | 68,26,815 | 6826815.00 |
| 27 | AE | SPRAY PATTERNATOR | EN URGA INC. USA | 05.08.2015 | 1,14,45,491 | 11445491.00 |
| 28 | AE | HIGH SPEED CAMERA MOTION XTRA NXA 453 | M/S.INTEGRATED DESIGN TOOLS, INC. U.S.A | 13.10.2015 | 44,66,723 | 4466723.00 |
| 29 | AM | SERVO HYDRAULIC FATIGUE FRAME AND POWER PACK UNIVERSAL TESTING MACHINE. LOCATION : MSB 140, GF. | M/S. DMG DENISON MAYER GROUP LTD., ENGLAND | 26.02.2003 | 4045000 | 2382600.00 |
| 30 | AM | 3D FLOW MASTER SF02020 STEREOSCOPIC PIV SYSTEM: 1 SET. LOCATION : FMB 107, GF | M/S. DAVISON GMBH, GERMANY | 30.07.2007 | 9038127 | 6955000.00 |
| 31 | AM | VIC - 3D DIGITAL IMAGAE CORRELATION SYSTEM. LOCATION : MSB 205, 1ST FLR. | M/S. CORRELATED SOLUTION, USA | 25.06.2009 | 3327750 | 2861400.00 |
| 32 | BT | THYPHOON TRIO PLUS ROOM, #317, BT BUILDING, S.NO.1508134 | GE HEALTHCARE | 24/11/2010 | 36,20,889 | 3620889.00 |
| 33 | BT | LSM 710 LASER SCANNING MICROSCOPE | CARL ZEISS | April— 2009 |  20,000,000  | 20000000.00 |
| 34 | BT |  INVERTED FLUORESCENCE MICROSCOPE WITH LIVE CELL IMAGING | NIKON | 09-Sep | 67,00,000/- | 6700000.00 |
| 35 | BT | AUTOMATED DNA SEQUENCER S.NO.21364-011 | APPLIED BIOSYSTEM |  Apr-09 | 48,60,000/- | 5600000.00 |
| 36 | BT | BD FACS CANTO II SYSTEM WITH BD FACS LOADER S.NO.V96101110 ROOM NO.007 | BD | 10-Apr | 64,50,000/- | 6450000.00 |
| 37 | BT | ULTRA CENTIFUDGE S.NO.LP10F08. ROOM NO.007 | BECKMAN COULTER | 10-Jun | 32,69,115/- | 3500000.00 |
| 38 | BT | FUJI PHOSPHOR IMAGING ROOM NO.411 | FUJI | 08-Sep | 32,29,600/- | 3500000.00 |
| 39 | BT | PHOSPHOR IMAGER (VERSA DOC), BIORAD | BIO-RAD FROM, HONG KONG | 31.03.2011 | 36,70,867/- | 3670867.00 |
| 40 | BT | FLOW CYTOMETER, BECTON DICKINSON | BECTON DICKINSON FOSS NIR | 20.02.2012 | 33,92,284/- | 3392284.00 |
| 41 | BT | FOSS NIR SYSTEM | SYSTEM, USA | 16.03.12 | 51,08,250/- | 5108250.00 |
| 42 | BT | SURFACE PLASMON RESONANCE SYSTEM (SPR) PROTEON XPR36 ARRAY SYSTEM | BIO-RAD PACIFIC LTD., | 23.03.12 | 1,27,30,110/- | 12730110.00 |
| 43 | BT | ORBITRAP ELITE | SCIENTIFIC , AUSTRIA | 23,03.12 | 3,97,80,000/- | 39780000.00 |
| 44 | BT | HIGH SPEED FLUORESCENCE ACTIVATED CELL SORTING SYSTEM | MIS. BECTON DICKINSON HOLDINGS PVT.LTD., | 27.03.12 | 2,15,22,000/- | 21522000.00 |
| 45 | BT | X-RAY DIFFRACTION SYSTEM FOR MACROMOLECULAR CRYSTALLOGRAPHY | M/S. BRUKER AXS GMBH., GERMANY | 27.03.12 | 3,24,02,473/- | 32402473.00 |
| 46 | BT | -500 |   | 09-May | 50,00,000/. | 5000000.00 |
| 47 | BT | CELL LAB QUANTA SC FLOW- CYTOMETER, S.NO.AM290088 ROOM, #005 BT BUILDING | BECKMEN COULTER | 08-Jul | 36,00,000/. | 3600000.00 |
| 48 | BT | CLARUS 600 GAS CHROMATOGRAPH AND MASS SPECTROMETER (664N9110302) LAB 217,BT | PERKIN ELMER, UK | July — 2009 | 50,00,000/. | 4500000.00 |
| 49 | BT | SPECTRAL LASER SCANNING CONFOCAL SYSTEM S.NO.384000917, ROOM | ZESISS | 09-Apr | 18,63,040 | 2350000.00 |
| 50 | BT | COMPUTER CLUSTER BOSTON 4U SERVER SOLUTION (S/NO: S12989844112441, S12989844112443,S12989844112442,S12989844112438) BOSTON 2U SERVER SOLUTION (S/NO: C82500B05M01292) | BOSTON | 23/01/2014 | $83,100  | 5070364.50 |
| 51 | BT | FLOW CYTOMETER WITH SORTER & LIQUID HANDILING SYSTEM ( S/NO: AW10011) | BECKMAN COULTER | 11/02/2014 | $450,000  | 27456750.00 |
| 52 | BT | AKTA PURE M PROTEIN PURIFICATION SYSTEM | GE HEALTHCARE BIO-SCIENCES | 4/1335/SPIX/873DT 01/04/2015 | $65,250  | 4349238.00 |
| 53 | BT | NNEXT SEQ 500 SEQUENCING SYSTEM | ILLUMINA  | 4/1276/SPIX/7 21DT:05/02/2015 | $327,619  | 21837444.00 |
| 54 | BT | BD FACS CANTO 2 BENCH TOP MULTICOLOUR CYCTOMETER | BECTON DICKINSON  | 4/1309SPIX/87 4DT: 01/04/2015 | $58,000  | 3865990.00 |
| 55 | BT | ISOTHERMAL TITRATION CALORIMETER | GE HEALTH CARA BIO-SCIENCES LTD | 4/1095/SPIX/288 DT: 21/08/2014  | $64,000  | 4265920.00 |
| 56 | CC | 600 KVA DG SET COOLING SYSTEM RADIATOR WITH ALTERNATE (1 NO)/1000 AMPS EDO ACB BRAKER (1NO) | M/S. GMMCO LTD MYSORE | 02/12/2008 (CC/CSE/2008/207 A/SPL Dt 02/12/2008 | 4482311.00 | 3267597.00 |
| 57 | CC | HARDWARE FOR THE GPU BASED CLUSTER TO EXISTING CLUSTER-WARRARNTY - 4 YEARS FROM 18/04/2012 TO 17/04/2016 | M/S. REDINGTON DISTRIBUTION PVT LTD. SINGAPORE | 28/10/2011 (CC/G1/2011/212/SPI/760, dt. 01/09/2011) | 7176000.00 | 6152523.00 |
| 58 | CC | HIGH PERFORMANCE COMPUTER CLUSTER WARRANTY- 4 YEARS FROM 01/08/2012 TO 31/07/2016 | M/S. REDINGTON DISTRIBUTION PVT LTD. SINGAPORE | 23/12/2012 (CC/Cluster/2011/220/SPI dt.23/02/2012) | 80895516.00 | 73008203.00 |
| 59 | CC | SERVER CONSOLIDATION BACKUP (SERVERS, SANSTORAGE, BACKUP STORAGE, OEM RACK AND ALLIED PARTS) (WARRANTY 4 YEARS FOR SERVERS AND 5 YEARS FOR SAN STORAGE FROM 1/04/2013 | M/S. WIPRO LTD. SINGAPORE | 01/04/2013 (CC/E-services/2012/214/SPI/1332 dt: 20/3/2013) | 16328332.00 | 14736321.00 |
| 60 | CC | SERVER&STORAGE FOR CENTRAL e-MAIL SYSTEMCISCO switches | M/S. REDINGTON SINGAPORE | 20/07/2015(CC/ESERVICE/2014/201/SPI485 dt:31/03/2015 | 12460264.00 | 12460264.00 |
| 61 | cc | CISCO SWITCHES &TRANSCEIVER MODULES UNDERY BUY BACK SCHEME | M/S.HCL SINGAPORE PTE LTD., SINGAPORE | CC/NW/2014-15/202/SPI DT.31.03.2015 | 4906432.00 | 4906432.00 |
| 62 | CC | STORAGE AND SERVER FOR CENTRAL EMAIL SYSTEM | M/S.REDINGTON DISTRIBUTION PTE LTD,  | CC/E-SERVICES/2014-15/201/SPI DT.31.03.2015 | 12460264.00 | 12460264.00 |
| 63 | CE | CYCLIC TRI-AXIAL TEST APPARATUS | M/S. WYKEHAM FARRANCE, ENGLAND | Dec. 2003 | GBP 62210 | 5598900.00 |
| 64 | CE | MATERIAL TESTING MACHINE | M/S. TINIUS OLSEN LTD., ENGLAND | Mar. 2011 | GBP 40274 | 3624660.00 |
| 65 | CE | RESONANT COLUMN APPARATUS | M/S. AE & C, NEW DELHI | Jul. 2013 | $69505 | 4587330.00 |
| 66 | CE | ULTRAVIOLET AERODYNAMIC PARTICLE SIZE SENSOR | M/S. TSI INCORPORATED, USA | Jul. 2013 | $124633 | 8225778.00 |
| 67 | CE | SERVO HYDRAULIC MULTI ACTUATOR COMPRESSION TESTING MACHINE | CONTROLS TESTING EQUIPTMENNT LTD.,U.K | Mar.2009 | GBP 101983.15 | 7138820.00 |
| 68 | CE | SIMPLE PERFORMANCE TEST EQUIPMENT | M/S. IPC GLOBAL, AU | Jan. 2009 | AUD 109400 | 4777245.00 |
| 69 | CE | EN STANDARDS TESTER | M/S. IPC GLOBAL, AUSTRALIA | Jun. 2013 | AUD 76500 | 4590000.00 |
| 70 | CE | PRESBOX SHEAR COMPACTOR | M/S. IPC GLOBAL, AUSTRALIA | Jun. 2013 | AUD 83500 | 5010000.00 |
| 71 | CE | CARBON ANALYZER | M/S. ATMOSLYTIC INC, USA | Jul. 2006 | $73000 | 4818000.00 |
| 72 | CE | MTS MODEL 311 DYNAMIC HIGH FORCE SYSTEM - TENSION | M/S. MTS SYSTEMS CORPORATION, USA | Mar. 2014 | ($275000) 1.5 crore | 15000000.00 |
| 73 | CE | 1. MTS MODEL 311 DYNAMIC HIGH FORCE SYSTEM - COMPRESSION. 2. MTS MODEL HYDRAULIC POWER UNIT | M/S. MTS SYSTEMS CORPORATION, USA | Mar. 2014 | ($ 483000) 3cr.  | 30000000.00 |
| 74 | CE | MERCURY INTRUSION POROSIMETER  | THERMO FISCHER | JUN.2014 | EUR 33000 | 3000000.00 |
| 75 | CE | SCANNING ELECTRON MICROSCOPE & INCA EDS X-RAY MICROANALYSIS SYSTEM | EMCRAFTS CO. LTD., SEOUL KOREA / OXFORD INSTRUMENTS NANO ANALYSIS | JUL.2014 | USD60500 USD34000 | 6000000.00 |
| 76 | CE | WIDE RANGE AEROSOL SPECTROMETER | GRIMM | SEP.2014 | 62,36,964.00 | 6236964.00 |
| 77 | CE | SINGLE COLUMN CLOUD NUCLEI COUNTER | DMT | JUNE.2015 | 65,19,022.00 | 6519022.00 |
| 78 | CE | UV-APS | TSI-USA | AUG.2013 | 82,26,214.00 | 8226214.00 |
| 79 | CE | PSEUDO DYNAMIC TESTING FACILITY | MTS SYSTEM CORPORATION, USA | NOV.2006 | 1,51,78,886.00 | 15178886.00 |
| 80 | CE | GCMS WITH ACCESSORIES | AGILENT TECHNOLOGIES INDIA PVT LTD | SEP.2014 | 50,77,964.00 | 5077964.00 |
| 81 | CE | GRR SYSTEM WITH 4NOS.OF ANTENNE | IDS INGENERIA ITALY | FEB.2015 | 33,50,427.00 | 3350427.00 |
| 82 | CE | LEICA SCAN SYSTEM C10 3D LASER SCANING SYSTEM | LEICA GEOSYTEMS ,SWITZERLAND | FEB.2015 | 50,49,468.00 | 5049468.00 |
| 83 | CE | MTS FLEX TEST CONTROLLER | MTS SYSTEM CORPORATION, USA | SEP.2014 | 39,00,000.00 | 3900000.00 |
| 84 | CE | SCANNING ELECTRON MICROSCOPE (SEM) | M/S.EMCRAFTS CO LTD, KOREA | 09.03.2015 | 38,11,500.00 USD60,500/- | 3811500.00 |
| 85 | CEC | SPECTRAL LIGHT MEASUREMENT SYSTEM MODEL NO. CA-11671-LKT (SL.NO.1206124609), ROOM NO. CEC M17C | M/S. LABSPHERE INC., 231, SHAKER STREET, NORTH SUTTON, NH 03260, USA | 05/03/2013 | 3588911.00 | 3230020.00 |
| 86 | CH | DYNAMIC MECHANICAL ANALYZER - HSB 151 | TA INSTUMENTS | Mar. 2009 | 3700000 | 3700000.00 |
| 87 | CH | MIXER-BLENDER-PROCESSING UNIT - HSB 151 | BRABENDER | Mar. 2009 | 3700000 | 3700000.00 |
| 88 | CH | RHEOMETER - HSB 151 | ANTON PAAR | Dec. 2004 | 3200000 | 3100000.00 |
| 89 | CH | UNIVERSAL TESTING MACHINE | ZWICK | 1995 | 3000000 | 3000000.00 |
| 90 | CH | RHEOMETER - HSB 151 | ANTON PAAR 502 | MAY .2015 | 4200000 | 4200000.00 |
| 91 | CWS | CNC VERTICAL MACHINING CENTER, MODEL:MCV-450, SI . NO. M30-579, MACHINE SHOP OF CENTRAL WORKSHOP. | ACE MANUFACTURING SYSTEMS LTD. | 28.08.2012 | 3200000 | 3200000.00 |
| 92 | CY | SINGLE CRUSTAL X-RAY DIFFRACTOMETER (ROOM NO.CY 109 GF )CHY/2005/201/SPI/327 | M/S.BRUKER AXS NETHERLANDS | 07/12/2005 | EURO.2,58,000.00 Rs.1,44,48,000.00 | 6501600.00 |
| 93 | CY | NUCLEAR MAGNETIC RESONANCE (ROOM NO.CY 108 GF) | M/S.BRUKER AUTOSPIN | 20/11/2001 | Rs.1,43,67,500.00 | 6480000.00 |
| 94 | CY | ATOMIC FORCE MICROSCOPE (ROOM NO.CY 114 GF) CHY/FIST/2009/1160/SPIX | M/S PARK SYSTEMS CORPORATION | 31/07/2009 | $.1,30,000.00 Rs.63,70,000.00 | 5733000.00 |
| 95 | CY | POWDER- XRD (ROOM NO.CY 110 GF )CHY/FIST/2008/1522/SPIX | M/S BRUKER-AXS | 30/03/2009 | EURO.92,600.00 Rs.61,11,600.00 | 4950396.00 |
| 96 | CY | THERMOGRAVIMETRIC ANALYSER & DIFFERENTIAL SCANNING COLORIMETER (ROOMNO.CY 107 GF) CHY/PGP/PGI/2008/724/SPI | M/S.TA INSTRUMENTS, USA | 04/03/2009 | $.80,000.00 Rs.40,00,000.00 | 3240000.00 |
| 97 | CY | MASS SPECTROMETER (ROOM NO.CY 106 GF ) | M/S WATERS | 04/12/2002 | Rs.1,17,35,430.00 | 4500000.00 |
| 98 | CY | POIARIZATION MODULATED & ANGLE DEPENDENT FOURIERTRANSFORMINFRARED REFLECTIONABSORPTION SPECTROMETER (ROOM NO.CY 113 GF ) | M/S BRUKER GERMANY | 11/09/2008 | Rs.65,00,000.00 | 4738500.00 |
| 99 | CY | SCANNING ELECTROCHEMICAL MICROSCOPE (ROOM NO.CY 113A GF CHY/ARCH/2007/1456/SPIX | M/S CH INSTRUMENTS USA | 15/06/2008 | Rs.31,00,000.00 | 2511000.00 |
| 100 | CY | YAG PUMPED DYE LAZER (ROOM NO.CY 219 1ST FLOOR ) CHY/BRAJ/2010/1094/SPIX | M/S QUANTEL INC | 20/08/2010 | EURO.89500.00 Rs.59,50,000.00 | 5355000.00 |
| 101 | CY | AV II 500 WB US + NMR MICRO IMAGING SYSTEM MRI/MRS BLDG. CHY/NCHA/2005/1022/SPIX/97 | M/S BRUKER BIOSPIN INC.AG.SWITZERLAND | 20.7. 2006 | $.1.095 M Rs.4,59,90,000.00(approx) | 33526710.00 |
| 102 | CY | BIOSPEC 47/40 USR MRI SYSTEM MRI/MRS BLDG. CHY/NCHA/2005/1022/SPIX/97 | M/S BRUKER BIOSPIN INC.AG.SWITZERLAND | 20.7. 2006 | $.1.1 M Rs.4,62,00,000.00(approx) | 3349800.00 |
| 103 | CY | ELECTRON SPIN RESONANCE (ROOM NO.CY 106 GF) CHY/PGI/2008/725/SPI | MAGNETEH | 08/05/2009 | EURO.44935.00 Rs.30,55,580.00 | 2750022.00 |
| 104 | CY | FLUROCUBE-01-NL LIFE TIME SYSTEM (ROOM NO.CY 222, 1ST FLOOR ) | HORIBA JOBIN YVON IBH LTD | 12/12/2008 | £.33,600.00 | 2358720.00 |
| 105 | CY | AV400,AV500 NMR CHY/HOD/2011/200/SPI | M/S BRUKER BIOSPIN | 19/5/11 | Euro.4,29,500.00 Rs.2,40,52,000.00 | 24052000.00 |
| 106 | CY | CIRCULAR DICHROISMSPECTROMETER CHY/HOD/2012/451/SPI/1792 | M/S APPLIED PHOTOPHYSICS | 28.03.12 | GBP.81605.00 Rs.69,36,425.00 | 6936425.00 |
| 107 | CY | GCMSMS SYSTEM CHY/HOD/2012/1026/SPIX/165 | M/S AGILENT TECHNOLOGIES | 10.05.12 | USD.139560.00 Rs.75,36,240.00 | 7536240.00 |
| 108 | CY | FT-RAMAN SPECTROMETER CHY/HOD/2011/452/SPI/1795 | M/S BRUKER OPTIK GMBH | Invoiceno.72004708,13.07.12 | Euro.95305.00 Rs.63,00,000.00 | 6300000.00 |
| 109 | CY | SCANNING ELECTRON MICROSCOPE CHY/HOD/2011/453/SPI | M/S FEI COMPANY OF USA SINGAPORE | JK 22969-01a 17.7.12 | EURO.142937.00 Rs.94,33,842.00 | 9433842.00 |
| 110 | CY | MALDI-TOF/TOF CHY/HOD/2011/462/SPI | M/S.BRUKER DALTONIK GMBH | 30.03.12 | USD.3,26,528.00 Rs.1,66,52,928.00 | 1665928.00 |
| 111 | CY | VIBRATING SCANNING MAGNETOMETER CHY/HOD/2011/1289/SPIX | M/S LAKE SHORE CYOTRONICS | 26.03.12 | USD.213650.00 Rs.1,06,82,500.00 | 10682500.00 |
| 112 | CY | LOW TEMPERATURE ISO THERMAL CALORIMETER CHY/HOD/2012/1302/SPIX | M/S SETARAM INSTRUMENTS | 6.05.13 | Euro.124779.00 Rs.88 lakhs | 8800000.00 |
| 113 | ED | SR-30 OMNI 1 STEERING ROBOT WITH INERTIAL AND GYROSCOPIC SYSTEM. LOCATION : VEHICLE DYNAMIC LAB. SRB NO.5550 LF:E1/39) | M/S. AB DYNAMICS LIMITED. ENGLAND | 26/02/2007 | 12885423.00 | 8372948.00 |
| 114 | ED | RAPID PROTOTYPING MACHINE, MODEL: EDEN 350V, SL NO. 3683. LOCATION : RP LAB (SRB NO.1259-1262 LF:E1/125)  | M/S. OBJET GEOMETRICIES LTD ISREAL | 27/02/2009 | $140,000  | 5256336.00 |
| 115 | ED | PARTICLE IMAGE VELOCIMETRY SYSTEM (MODEL 913A7500). LOCATION- CATERPILLAR LAB (SRB NO.1670-1675 LF:E1/195 & 196) | M/S. DANTEC DYNAMICS A/S. DENMARK | 11/09/2009 | 3464758.00 | 2814250.00 |
| 116 | ED | ACTUATOR WITH HYDRAULIC POWER UNIT AND CONTROLLER, SL.NO.991083. LOCTAION-CATERPILLAR LAB (SRB NO.2140, LF:E2/52 | M/S. SHORE WESTERN MANUFACTURING INC. USA | 26/09/2011 | 4372412.00 | 3935171.00 |
| 117 | ED | MODULAR MECHATRONICS SYSTEM ED ROOM NO.406 AUTOMATION LAB | M/S. FESTO CONTROL PVT LTD BANGALORE(INDIA) | 05/11/2014 | 3250353.00 | 3250353.00 |
| 118 | EE | EBEAM COATING UNIT BC 300T. ESB-226  | HIND HIGH VACUUM COMPANY LIMITED | 31/12/2009 | Rs.3150000 | 3150000.00 |
| 119 | EE | SEMI AUTOMATIC PROBE STATION 12000B AP ETC-200L-163937. ESB-230 | CASCADE MICROTEC INC | 23/03/2012 | ($210748) Rs.14385658.48 | 14385658.48 |
| 120 | EE | VECTOR NETWORK ANALYSER 10MHZ TO 0GHZ (MY49030466). ESB-230 | AGILENT TECHNOLOGIES SINGAPORE | 28/02/2011 | ($141375) Rs.9650257.5 | 9650257.50 |
| 121 | EE | PRECISION LCR METER E4980A 2 MHZ. ESB-230 | M/S SYNERGY MEASUREMENT TECHNOLOGIES SDN BHD MALAYSIA | 23/07/2007 | ($18878.4) Rs.1288639.58 | 1288639.58 |
| 122 | EE | PROBE STATION (MANUAL) SUMIT 11000B-M 1372221003. ESB-230 | IT GLOBE,INC | 12/03/2010 | ($85722) Rs.5851383.72 | 5851383.72 |
| 123 | EE | SEMICONDUCTOR DEVICE ANALYZER (JP49320115)B1500A ESB-230 | AGILENT TECHNOLOGIES SINGAPORE | 01/10/2009 | ($52729) Rs.3599281.54 | 3599281.54 |
| 124 | EE | SEMICONDUCTOR DEVICE ANALYZER B1500A(JP10E00413) ESB-230 | AGILENT TECHNOLOGIES SINGAPORE | 01/08/2012 | ($52729) Rs.3599281.54 | 3599281.54 |
| 125 | EE | 3D NON CONTACT SURFACE PROFILER CONTOUR GTIM-13107. ESB-230 | BRUKER AXS PTE LTD | 19/10/2012 | ($219000) Rs.14948940 | 14948940.00 |
| 126 | EE | OLYMPUS MODEL OLS4000-SAG (CONFOCAL MICROSCOPE) 2J45624. ESB-230  | OLYMPUS CORPORATION | 24/09/2012 | (JPY7050000) Rs.4781556.75 | 4781556.75 |
| 127 | EE | MANUAL VACUUM PROBE STATION(THERMAL) PLV50-91257. ESB-230 | CASCADE MICROTEC INC | 16/11/2012 | ($275722) Rs.18820783.72 | 18820783.72 |
| 128 | EE | DESKTOP MINI SEM SNE 4500M-120015 ESB-230 | SEC GLOBAL PTE LTD | 05/09/2012 | ($97000) Rs.6621220 | 6621220.00 |
| 129 | EE | POLYTEC MICRO SYSTEM ANALYSER (VIBROMETER) MSA 500. ESB-230 | POLYTECH GMBH | 04/05/2012 | (E320715) Rs.28554826.35 | 28554826.35 |
| 130 | EE | 50GHZ PNA-X VECTOR NETWORK ANALYSER-N5245A ESB-230 | AGILENT TECHNOLOGIES SINGAPORE | 06/09/2012 | Rs.6339610 | 6339610.00 |
| 131 | EE | MASK WRITER DWL66. ESB-232 | M/S.HEIDELBERG INSTRUMENTS, GERMANY | 20/12/2004 | Rs.7500000 | 7500000.00 |
| 132 | EE | SB6 KARL SUSS SUBSTRATE BONDER-ESB-232 | KARL SUSS KG-GMBH&CO D-85748 GARCHING GERMANY | 17/07/2002 | Rs.10000000 | 10000000.00 |
| 133 | EE | KARL SUSS MA6/BA6 MASK ALIGNER-872. ESB-232 | KARL SUSS KG-GMBH&CO D-85748 GARCHING GERMANY | 24/02/2004 | (E419243) Rs.37046198.07 | 37046198.07 |
| 134 | EE | LEICA M205C STEREO MICROSCOPE WITH DIGITAL MICROSCOPE 11888818BZ:03 CSD-215 | M/S.LEICA MICROSYSTEMS VERTRIB GMBH ERNST -LEITZ STRABE | 31/01/2013 | (E26879.77 ) Rs.1915000 | 1915000.00 |
| 135 | EE | PLAMA LAB 80 PLUS RIE SYSTEM ICP 65-814726. CSD-207 | M/S.OXFORD INSTRUMENTS PLASMA TECH.,UK | 23/03/2005 | (UK pounds 96500.00) Rs.8000000  | 8000000.00 |
| 136 | EE | ICP ETCHING SYSTEM PLASMA LAB 100-ICP180 - 94-815135 CSD-207 | M/S.OXFORD INSTRUMENTS PLASMA TECH.,UK | 18/08/2010 | Rs.16500000 | 16500000.00 |
| 137 | EE | ADVANCED DICING MACHINE TECHNOLOGY PROVECTUS 7100-551217. CSD-207 | M/S. ADVANCED DICING TECHNOLOGIES LTD.ISRAEL | 27/03/2012 | ($86105) Rs.5877527.3 | 5877527.30 |
| 138 | EE | CANTILEVER SENSOR CONCENTRIS CSR401 CMU0801121163. CSD-213 | M/S.CONCENTRIS GMBH ,.SWITZERLAND | 28/08/2012 |  ($171534) Rs.9000000 | 9000000.00 |
| 139 | EE |  AUTOMATIC ANGLE SPECTROSCOPIC ELIPSOMETER-M2000VI EC400-EPM 224 JA WOOLAM. CSD-215 | M/S. J.A.WOOLAM CO,INC | 21/12/2012 | ($122810.00) Rs.6998327.85 | 6998327.85 |
| 140 | EE | RAPID THERMAL PROCESSING SYSTEM AS-ONE 100 AS0210R4-5344. ESB-123 | M/S.ANNEALSYS, MONTPELLIER,FRANCE | 21/02/2008 | Rs.4000000 | 4000000.00 |
| 141 | EE | E-BEAM LITHOGRAPHY RAITH-150. ESB-126 | M/S.KONARD ADENUAR ALLEC ,GERMANY | 24/02/2012 | (E1062036) Rs.70000000 | 70000000.00 |
| 142 | EE | SVCS 4 STACK DIFFUSION FURNACE. ESB-123 | M/S.SVCS PROCESS INOVATION CZECH REPUBLIC | 06/03/2012 | ($307660.00) Rs.16001306.60 | 16001306.60 |
| 143 | EE | LPCVD FURNACE. ESB-123 | M/S.FIRST NANO USA. |   | ($591998) Rs.29500000 | 29500000.00 |
| 144 | EE | CLEAN ROOM (CLASS-1000). ESB-123 | MARK AIR PARTICULATE CONTROL SYSTEMS | 25/03/2013 | Rs. 47,40,782 |  47,40,782 |
| 145 | EE | CLEAN ROOM (CLASS-1000). ESB-126  | MARK AIR PARTICULATE CONTROL SYSTEMS | 15/02/2013  | Rs. 41,96,260 |  41,96,260 |
| 146 | EE | CSD CHARECTERIZATION CLEAN ROOM | MARK AIR PARTICULATE CONTROL SYSTEMS |   | Rs. 60,25,770 | 6025770.00 |
| 147 | EE | ICP-PECVD(Plasmalab 100-ICP180 HDPECVD),SI.NO:94-815814 (CNNP-BUILDIND) | M/S.OXFORD INSTRUMENTS PLASMA TECH.,UK | 14.08.2013 | (GRB:211775) RS:201 LAKHS | 20100000.00 |
| 148 | EE | DRIE (Plasmalab 100 Estrelas),SL.NO:815813(CNNP-BUILDING) | M/S.OXFORD INSTRUMENTS PLASMA TECH.,UK | 14/08/2010 | (GBP:365000) RS:325 | 32500000.00 |
| 149 | EE | ICP ETCHING SYSTEM PLASMA LAB 100-ICP180 - 94-815964 (CNNP-BUILDING | M/S. OXFORD INSTRUMENTS PLASMA TECH.,UK | 14.08.2013 | (GBP:365000) RS:325 | 21000000.00 |
| 150 | EE | INTEGRATED GLOVE BOX (MOD-BOXES WITH MB20G WITH EVAPORATIONS UNIT, SPINCOATER,UV-CLEANER AND DISPENCINGUUIT, SL. NO: MB.ART.NR. 26087489(CSD-213) | M.BRAUN INERGAS SYSTEM GMBH,DIESELSTR-31,D-85748,GARCHING | 04.12.2014 | (EURO:284500) RS:325 | 23700000.00 |
| 151 | EE | SOLAR CELL MEASUREMENT UNITSI.NO:1116 | M/S.PHOTO EMISSION TECH.,INC CAMARILLO,CA93012,US | 05.12.2014 |   | 6600000.00 |
| 152 | EE | NETWORK ANALYZER SL.NO.MY46109960 | AGILENT  | 2010 | USD 47198 | 3067870.00 |
| 153 | EE | SIGNAL SOURCE ANALYZER SL.NO.MY47402176 | KEYSIGHT TECHNOLOGIES | Aug-15 | USD 99796 | 6494718.00 |
| 154 | MME | QUANTA 200 (D7811) | FEI-SINGAPORE (ICON) | 31.03.2006 | 12000000.00 | 5400000.00 |
| 155 | MME | PECS 682 (08061203W0682) | GATAN (USA) | 23.09.2008 | 3200000.00 | 2600000.00 |
| 156 | MME | QUANTA 400F (D8821)  | FEI-USA | 23.10.2009 | 17000000.00 | 16000000.00 |
| 157 | MME | INSPECT F (D8817) | FEI-USA | 23.10.2009 | 15000000.00 | 13500000.00 |
| 158 | MME | OTPICAL EMISSION SPECTROMETER (MSB 203) | SPECTRO ANALYTICAL INSTRUMENTS GMBH, GERMANY (AMETEK GROUP- MATERIALS ANALYSIS DIVISION) | 23.01.2012 | 6000000.00 | 5800000.00 |
| 159 | MME | TRANSMISSION ELECTRON MICROSCOPE - CM 12 SNO-D714 | PHILIPS EXPORTS B.V | 23.02.1986 | 6100000.00 | 4500000.00 |
| 160 | MME | TRANSMISSION ELECTRON MICROSCOPY. TECNAL 20 WITH EDS AND CCD | FEI-USA |   | 45000000.00 | 44500000.00 |
| 161 | MME | ZWICK ROELL - 100KN - Z100 TEW MATERIAL TESTING MACHINE (MSB 105) | ZWICK ASIA PTE LTD., | 14.02.2014 | 10000000.00 | 9500000.00 |
| 162 | MME | CNC WIRE EDM MODEL AU-300 IA SUBMERGED TYPE WITH OPTICAL ACCESSURIES (WORKSHOP) | ACCUTEX TECHNOLOGIES | 21.06.2014 | 4100000.00 | 3900000.00 |
| 163 | MME | HIGH TEMPERATURE CREEP - ATS (MSB 105) | APPLIOED TEST SYSTEMS | 22.08.2011 | 4500000.00 | 4200000.00 |
| 164 | MME | GLEEBLE - 3800 (3800-485) (MJ LAB) | DSI, USA | 23.01.2014 | 66000000.00 | 65500000.00 |
| 165 | MME | TITAN G2 - 300 TEM (HSB 138) | FEI-USA | 09.03.2010 | 17200000.00 | 16700000.00 |
| 166 | MME | NANO MECHANICAL TYERST SYSTEM . TI-950 MSB202 | HYSITRON INC. USA  | 07.04.2010 | 10700000.00 | 10200000.00 |
| 167 | MME | X-PERT PRO MPD X-RAY DEFRACTOMETER MSB .201 | SPECTRICS PTE LTD SINGAPORE | 19.10.2010 | 6800000.00 | 6800000.00 |
| 168 | MME | SIMOLOYER CMO1-2LM, AIR LOCK DN40 MSB 202 | ZOZ GMBH ,GERMANY  | 12.12.2008 | 3600000.00 | 3100000.00 |
| 169 | MME | SPARK PLASMA SINTERING SYSTEM MSB 202 | SOJITZ MACHINARY CORPORATION, JAPAN | 19.10.2009 | 20000000.00 | 19500000.00 |
| 170 | MME | 3D OPTICAL PROFILER | AEP TECHNOLOGY, USA | 27.01.2015 | 3172000.00 | 3172000.00 |
| 171 | MS | HP ELITE DESK800&HP PRO DISPLAY P201-60NOS. EACH | M/S.USAM TECHNOLOGY SOLUTIONS(P)LTD, CHENNAI | 27.02.2015 | 3685515.00 | 3685515.00 |
| 172 | PH | ACCESSORIES FOR UPGRADATION OF EXISTING LABRAM HR RAMAN SPECTROMETER | HORIBA JOBIN YVON SAS FRANCE | PHY/DEP/2013/242/SPI      DT. 05.03.2014  |  RS. 32,58,645/-      EURO 38,337/-  | 3258645.00 |
| 173 | PH | MPMS-XL SQUID MAGNETOMETER WITH ITS ACCESSORIES 9SERIAL NO. CXL452CE) LOW TEMPERATURE PHYSICS LAB, DEPT. OF PHYSIS | QUANTUM DESIGN, USA | NOVEMBER 2009. | RS. 3.0 CRORE US $595016 | 24000000.00 |
| 174 | PH | MODEL STIR LIN-4 NITROGEN LIQUIFIER AND ITS ACCESSORIES (S.NO. 1-1780-2) LOW TEMPERATURE PHYSICS LAB, DEPT. OF PHYSIS | STIRLING CRYOGENICS, NETHERLANDS | INSTALLATION ON 27.09.2012 | RS. 6.0 CRORE EURO 431280 | 54000000.00 |
| 175 | PH | MODEL L1610 HELIUM LIQUIEFIER, RSX COMPRESSOR AND ACCESSORIES (S.NO. 12-0060) LOW TEMPERATURE PHYSICS LAB, DEPT. OF PHYSIS | LINDLE CRYOGENICS, USA | INSTALLATION ON 15.11.2013 | RS. 6.0 CRORE US $ 949100 | 57000000.00 |
| 176 | PH | SQUID BASED VIBRATING SAMPLE MAGNETOMETER (S.NO.SVSM 099) LOW TEMPERATURE PHYSICS LAB, DEPT. OF PHYSIS | QUANTUM DESIGN, USA | INSTALLATION ON 16.01.2014 | RS. 2.70 CRORE US $ 510000 | 25000000.00 |
| 177 | PH | SMART LAB ROTATING ANODE X-RAY DIFFRACTOMETER | RIGAKU CORPORATION, JAPAN | INSTALLATION ON 28.03.2012 | RS. 28704600 | 27341100.00 |
| 178 | PH | SPECTROSCOPIC ELLIPSOMETER AND ACCESSORIES | J A WOLLAM, USA | INSTALLATION ON 15.02.2014 | RS. 58 LAKH USD 90300 | 5600000.00 |
| 179 | PH | DIELECTRIC SPECTROMETER | NOVACONTROL GMBH | INSTALLATION ON 29.10.2014 | RS. 77 LAKH EURO 86075.40 | 7000000.00 |
| 180 | PH | FEMTOSECOND AMPLIFIER OSCILLATOR | M/S.COHERENT INC USA | PHY/JB/2014/0207/SPI/DT.08.01.2015 | 1,60,77,495.00 | 16077495.00 |
| 181 | SAIF | S4 PIONEER X-RAY FLURESCENCE SPECTROMETER. SL.NO.202221, LOCATION:XRF LAB | M/S. BRUKER AXS GMBH, GERMANY | 16.08.2005 | 10383173 (EURO 1,30,000.00) | 10383173.00 |
| 182 | SAIF | X8-APEX SINGLE CRYSTAL X-RAY DIFFRACTOMETER. SL.NO.002848, LOCATION XRD LAB | M/S. BRUKER AXE BV, NETHERLAND | 09.06.2006 | 20765031 (EURO 2,60,00.00) | 20765031.00 |
| 183 | SAIF | JEOL HIGH RESOLUTION GC-MS SYSTEM. SL.NO.GC CN 10550094. SL.NO.MS 14420066, LOCATION GC-MS LAB | M/S. JEOL LTD., JAPAN | 29.09.2006 |  7740672 ($ 1,28,000.00  | 7740672.00 |
| 184 | SAIF | ADVANCE III 500 MHz DIGITAL FTNMR SPECTROMETER. SL.NO.ZH 102906, LOCATION NMR LAB | M/S. BRUKER BIOSPIN INTERNATIONAL AG, SWITZERLAND | 21.11.2007 | 30689041 ($5,07,500.00) | 30689041.00 |
| 185 | SAIF | QUANTA FEG200 HIGH RESOLUTION SCANNING ELECTRON MICROSCOPE. SL.NO.D8966, LOCATION-HRSEM LAB | M/S. FEI EUROPE BV, NETHERLAND | 18.05.2009 | 13983843 (EURO 1,75,000.00) | 13983843.00 |
| 186 | SAIF | PV7400/20 NEPTUNE XM4 INTEGRATED EDS & WDS SYSTEM. LOCATION-HRSEM LAB | M/S. EDAX INC., USA | 18.05.2009 | 8483041 ($1,40,000.00) | 8483041.00 |
| 187 | SAIF | LAKE SHORE 7410 VIBRATING SAMPLE MAGNETOMETER. SL.NO.741055387, LOCATION-VSM LAB | M/S.LAKESHORE CRYOTRONICS, INC., USA | 16.08.2010 | 14277988 ($2,35,650.00) | 14277988.00 |
| 188 | SAIF | RF27 BRUKER FT-RAMAN SPECTROMETER. SL.NO.80, LOCATION-FT RAMAN LAB | M/S. BRUKER OPTIK GMBH, GERMANY | 16.06.2011 | 6839416 (EURO 85,570.00) | 6839416.00 |
| 189 | SAIF | JES-FA200-ESR SEPCTROMETER. SL.NO. ER 1851000660066, LOCATION-ESR LAB | M/S. JEOL ASIA PTE LTD., SINGAPORE | 01.09.2014 | 25713103 ($4,25,396.00) | 25713103.00 |
|  |  |  |  |  |  | **2094854058.50** |