

## ANNEXURE-I

S.No	Dept.	Description	Name of Manufacturer	Date of Purchase	Purchase of cost (Rs.)	Present Value (Rs.)
1	ACAD	LCD PROJECTOR	M/S. WINTEL MARKETING & SERVICES, CHENNAI	31.10.2017	3486148	34,86,148
2	AE	LASER DOPPLER ANEMOMETER SYSTEM WITH ACCESSORIES (RGD LAB)	M/S. TSI INCORPORATED, USA	28.03.2007	8114680	81,14,680
3	AE	SERVO HYDRAULIC FATIGUE TESTING MACHINES WITH ACCESSORIES (STRUCTURES LAB)	M/S. INSTRON LIMITED UK	04.06.2007	6139537	61,39,537
4	AE	HIGH SPEED VIDEO CAMERA MODELVRI V12-32-G-C	M/S. VISION RESEARCH INC USA	18.05.2009	4852800	48,52,800
5	AE	ND-YLF LASER FOR PIV	M/S. PHOTONICS INDUSTRIES INTERNATIONAL INC. USA	07.07.2009	5849525	58,49,525
6	AE	ND YAG LASER AND TUNABLE DYE LASER LASER YG 981E 9MM OSCILLATOR AMPLIFIER 1064 NM 1042 SN 0729801	M/S. QUANTEL SA, FRANCE	28.01.11	Euro 52,300 (Rs.4184000/-)	39,22,500
7	AE	ND-YAG LASER OSCILLATOR/AMPLIFIER Ø 6Ø 9MM 10MZ, 1200MJ @ 1064NM, 10HZ	M/S. QUANTEL S.A	29.03.13	Euro 48700 (Rs.3896000/-)	36,52,500
8	AE	TUNABLE DYE LASER TUNABLE DYE LASER, 420-750NM , FUNDAMENTAL, 2400L/MM GRATING , SCAN CONTROL	M/S. QUANTEL S.A	29.03.13	Euro 37200 (Rs.2976000/-)	29,76,000
9	AE	PI-MAX3:1024I SB FG – P46-PRINCETON INSTRUMENTS PI-MAX3:1024I-SB INTENSIFIED CAMERA SYSTEM. 1:1 FIBRE OPTIC	M/S.PRINCETON INSTRUMENTS, USA	23.07.13	USD 58495 (Rs.3509700/-)	35,09,700
10	AE	HIGH SPEED TOMOGRAPHIC PIV 4 CAMERA	M/S.LAVISION GMBH, GERMANY	31.07.2013	27884720	2,78,84,720
11	AE	PHASE DOPPLER PARTICLE ANALYSER	M/S.ARTIUM TECHNOLOGIES INC, U.S.A.	27.08.2013	12247763	1,22,47,763
12	AE	HOT WIRE ANEMOMETER WITH WELD ATTACHMENT AND COMPLETE ACCESSORIES	M/S.DANTECH DYNAMICS, DENMARK	05.08.2013	8450400	84,50,400
13	AE	DELL PRECISION T5600 WORKSTATION - 20 SET	M/S.DEV SYSTEM & SERVICES, CHENNAI	18.02.2014	3654000	36,54,000
14	AE	WAVELENGTH METER WS6-200 (STANDARD) -3NO WITH CALIBRATION LIGHT	M/S.HIGH FINESSE GMBH, GERMANY	30.01.2014	7912320	79,12,320
15	AE	COMPUTER CONTROLLED SUBSONIC WIND TUNNEL WITH ACCESSORIES	ARMFIELD LTD., ENGLAND	04.06.2014	Rs. 34,14,100/- GBP 34,141/-	30,04,408
16	AE	NDYLF 527NM WAVELENGTH DUAL CAVITY DOUBLE PULSED MODEL LDY304	M\S.LITRON LASER ,ENG	15.5.2015	GBP 61855	54,43,240
17	AE	AIR COMPRESSORS	INGERGOLL RAND INTERNATIONAL INDIA LTD, BANGALORE	09.7.2013	98,49,871	98,49,871
18	AE	ND YAG 1064 NM LASER	QUANTEL FRANCE	15.12.2014	50,24,997	50,24,997
19	AE	ND YAG PLUS TUNABLE DYE LASER QUANTAL MAKE	QUANTEL FRANCE	23.12.2014	2,03,76,279	2,03,76,279
20	AE	DANTEC HIGH SPEED PLIF	DANTEC DYNAMICS DENMARK	13.04.2015	5,55,14,195	5,55,14,195
21	AE	LITRON LASERS NDYAG 532NM WAVE LENGTH	LITRON LASERS, ENGLAND	13.04.2015	61,99,471	61,99,471

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22	AE	MINI LDV	MEASUREMENT SCIENCE ENTERPRISES, CA	15.04.2015	1,49,53,296	1,49,53,296
23	AE	CONE CALORIMETER	GOVMARK LTD, USA	21.04.2015	68,26,815	68,26,815
24	AE	SPRAY PATTERNATOR	EN URG A INC. USA	05.08.2015	1,14,45,491	1,14,45,491
25	AE	HIGH SPEED CAMERA MOTION XTRA NXA 453	M/S.INTEGRATED DESIGN TOOLS, INC. U.S.A	20.10.2015	44,66,723	44,66,723
26	AE	FLOW FACILITY FOR SUPERSONIC COMBUSTOR	SIDDHARTH ENGINEERS	16.3.2015	5990625	59,90,625
27	AE	LASER & TRABSCEIVER MODULE, PDPA REVEIVER MOFULE, PHOTO DEDECTOR, SIGMAL VMVLYCER, RAILS AND MOUNWA;	M/S TSI INC.USA	23.03.2016	USD 81500	52,16,000
28	AE	OPEN CALORIMETER	DNG TECHNOLOGY PVT LTD	29.08.2017	3115200	31,15,200
29	AE	TOMO PIV	M/S TSI INC, USA	10.04.2018	USD31,66,25/INR. 2,17,85,573	2,17,85,573
30	AE	High-speed camera	M/S iX Camera, USA	13.10.2017	USD121844/83,41,147	83,41,147
31	AE	Rotating Platform	Fabricated (M/S. TROTIX)	2014	Rs. 3000000	30,00,000
32	AE	HIGH SPEED CMOS CAMERA PCO DIMAX HS1, SN 9000000667	PCO GERMANY	28.03.2019	USD 43295 / RS. 3067991	30,67,991
33	AE	PI-MAX4-1024I-SB-FG-18-P46-CM, ICCD CAMERA, SN 03564719 & LIGHT P	PRINCETONINSTRUMENTS USA	20.12.2018	USD 66700 / RS. 4726527	47,26,527
34	AE	PARTICLE SIZE ANALYZER	MALVERN PANANALYTICAL LTD., UK	14.08.2018	GBP 31880/ Rs.2917020	29,17,020
35	AE	HIGH SPEED COLOUR CAMERA	Ix CAMERAS LTD, USA	29.06.2019	US \$ 77030/ Rs. 5392100	53,92,100
36	AE	HIGH SPEED CMOS CAMERA PCO DIMAX HS1	PCO GERMANY	17.05.2019	US \$ 43295 / 3031000	30,31,000
37	AE	GDI ENGINE	MEDHAAVI CENTRE FOR AUTOMOTIVE EX	2018	4194865	41,94,865
38	AM	SERVO HYDRAULIC FATIGUE FRAME AND POWER PACK UNIVERSAL TESTING MACHINE. LOCATION: MSB 140, GF.	M/S. DMG DENSON MAYER GROUP LTD., ENGLAND	26.02.2003	4045000	23,82,600
39	AM	3D FLOW MASTER SF02020 STEREOSCOPIC PIV SYSTEM: 1 SET. LOCATION : FMB 107, GF	M/S. DAVISON GMBH, GERMANY	30.07.2007	9038127	69,55,000
40	AM	VIC - 3D DIGITAL IMAGAE CORRELATION SYSTEM. LOCATION:MSB 205, FIRST FLOOR	M/S. CORRELATED SOLUTION, USA	25.06.2009	3327750	28,61,400
41	AM	F/T SENSOR : ATI NANOS - 6NOS. LOCATION: AEROSPACE BUILDING, FIRST FLOOR, 154	ATI INDUSTRIAL AUTOMATION, USA	10.10.2013(SHIP DATE), 10.04.2013 (PO DATE)	3500000	32,06,000
42	AM	ELECTROMAGNETIC POSITION SENSOR, POLHEMUS ELECTROMAGNETIC TRACKERS-18 MICRO SENSORS, 4 STANDARD SENSORS, 1 STYLUS, 1 CALIBRATION KIT, 2 TRANSMITTERS AND ACCESSORIES, LOCATION: AEROSPACE BUILDING, 1ST FLOOR, 153	POLHEMUS, USA	03.12.2015(SHIP DATE), 24.09.2015 (PO DATE)	3500000	30,10,000
43	BT	THYPHOON TRIO PLUS ROOM, #317, BT BUILDING, S.NO.1508134	GE HEALTHCARE	24/11/2010	36,20,889	36,20,889
44	BT	LSM 710 LASER SCANNING MICROSCOPE	CARL ZEISS	April— 2009	20000000	2,00,00,000
45	BT	INVERTED FLUORESCENCE MICROSCOPE WITH LIVE CELL IMAGING	NIKON	09. Sep	67,00,000/-	67,00,000
46	BT	AUTOMATED DNA SEQUENCER S.NO.21364-011	APPLIED BIOSYSTEM	Apr-09	48,60,000/-	56,00,000
47	BT	BD FACS CANTO II SYSTEM WITH BD FACS LOADER S.NO.V96101110 ROOM NO.007	BD	10th April	64,50,000/-	64,50,000
48	BT	ULTRA CENTIFUDGE S.NO.LP10F08. ROOM NO.007	BECKMAN COULTER	10th Jun	32,69,115/-	35,00,000
49	BT	FUJI PHOSPHOR IMAGING ROOM NO.411	FUJI	8th sep.	32,29,600/-	35,00,000
50	BT	PHOSPHOR IMAGER (VERSA DOC), BIORAD	BIO-RAD FROM, HONG KONG	31.03.2011	36,70,867/-	36,70,867

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51	BT	FLOW CYTOMETER, BECTON DICKINSON	BECTON DICKINSON FOSS NIR	20.02.2012	33,92,284/-	33,92,284
52	BT	FOSS NIR SYSTEM	FOSS NIR SYSTEM, USA	16.03.12	51,08,250/-	51,08,250
53	BT	SURFACE PLASMON RESONANCE SYSTEM (SPR) PROTEON XPR36 ARRAY SYSTEM	BIO-RAD PACIFIC LTD.,	23.03.12	1,27,30,110/-	1,27,30,110
54	BT	ORBITRAP ELITE	SCIENTIFIC , AUSTRIA	23,03.12	3,97,80,000/-	3,97,80,000
55	BT	HIGH SPEED FLUORESCENCE ACTIVATED CELL SORTING SYSTEM	MIS. BECTON DICKINSON HOLDINGS PVT.LTD.,	27.03.12	2,15,22,000/-	2,15,22,000
56	BT	X-RAY DIFFRACTION SYSTEM FOR MACROMOLECULAR CRYSTALLOGRAPHY	M/S. BRUKER AXS GMBH., GERMANY	27.03.12	3,24,02,473/-	3,24,02,473
57	BT	-500		01-05-2009	50,00,000/.	50,00,000
58	BT	CELL LAB QUANTA SC FLOW- CYTOMETER, S.NO.AM290088 ROOM, #005 BT BUILDING	BECKMEN COULTER	01-07-2008	36,00,000/.	36,00,000
59	BT	CLARUS 600 GAS CHROMATOGRAPH AND MASS SPECTROMETER (664N9110302) LAB 217,BT	PERKIN ELMER, UK	July – 2009	50,00,000/.	45,00,000
60	BT	SPECTRAL LASER SCANNING, CONFOCAL SYSTEM, S.NO.384000917	ZESISS	01-04-2009	1863040	23,50,000
61	BT	COMPUTER CLUSTER BOSTON 4U SERVER SOLUTION (S/NO: S12989844112441, S12989844112443,S12989844112442,S12989844112438) BOSTON 2U SERVER SOLUTION (S/NO: C82500B05M01292)	BOSTON	23/01/2014	\$ 83100	50,70,365
62	BT	FLOW CYTOMETER WITH SORTER & LIQUID HANDLING SYSTEM ( S/NO: AW10011)	BECKMAN COULTER	02-11-2014	\$ 450000	2,74,56,750
63	BT	AKTA PURE M PROTEIN PURIFICATION SYSTEM	GE HEALTHCARE BIO-SCIENCES	01-04-2015	\$ 65250	43,49,238
64	BT	NNEXT SEQ 500 SEQUENCING SYSTEM	ILLUMINA	05-02-2015	\$ 327619	2,18,37,444
65	BT	BD FACS CANTO 2 BENCH TOP MULTICOLOUR CYCTOMETER	BECTON DICKINSON	01-04-2015	\$ 58000	38,65,990
66	BT	ISOTHERMAL TITRATION CALORIMETER	GE HEALTH CARA BIO-SCIENCES LTD	21-08-2014	\$ 64000	42,65,920
67	BT	CONFOCAL IMAGING SYSTEM	CARL ZEISS MICRISCOPY GMBH	2015	EURO 102000	76,39,668
68	BT	CHRISCAN-PLUS QCD HIGH PERFORMANCE QUANTITATIVE CIRCULAR DICHROISM SPECTROMETER	APPLIED PHOTO PHYSICS LTD	2015	GBP 105000	1,00,00,000
69	BT	AUTOMATED CAPILLARY DIFFERENTIAL SCANNING MICRO CALORIMETER	MALVERN, UK	2015	USD 108700	73,00,000
70	BT	GENE EXPRESSION PROFILING SYSTEM	NANOSTRING TECHNOLOGIES INC. USA	2016	USD 178555	1,16,69,462
71	BT	Design, Supply, Installation & Commissioning of Lab furntiture for Dept. of BT new Building	GD Lab solutions pvt. Ltd. Vadodara	29.03.2018	16062307	1,60,62,307
72	CC	NETWORK FIREWALL WITH SUPPORTED SOFTWARE, BRAND NAME: FORTINET AND MODEL NO. FORTIGATE 6301F	M/S. INFINITE NETWORKS PTE LTD.	19.02.2019	13325459	1,33,25,459
73	CC	SERVER&STORAGE FOR CENTRAL e-MAIL SYSTEMCISCO switches	M/S. REDINGTON DISTRIBUTION PVT LTD. SINGAPORE	31-03-2015	12460264	<b>91,08,765</b>
74	CC	NETWORK FIREWALL FORTI GATE 3200D AND ACCESSORIES FOR CAMPUS NETWORK	M/S. REDINGTON DISTRIBUTION PVT LTD. SINGAPORE	27-11-2015	6793933	<b>55,03,086</b>
75	CC	CISCO CATALYST 6807 XL-7 SLOT CHASSIS SWITCH WITH SINGLE SUP/ CISCO SUPPORT PACK - CON - SNT - C6807XLC - SNTC-8 x 5 x NBD CATALYST 6807-XL 7-s (2 NOS)	M/S. REDINGTON DISTRIBUTION PVT LTD. SINGAPORE	31-08-2016	11487280	<b>93,04,695</b>

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76	CC	TOP OF THE RACK SWITCH - 4NOS.(HPE FLEX FABRIC 5940), DATA CENTRE SERVER HPE PROLIANT DL380 GEN 10-5 NOS., DISASTER RECOVERY SERVER PE PROLIANT DL 380 GEN 10-3 NOS., BACKUP STORAGE, HPEMSA 2050	M/S. VALUE POINT SYSTEMS PTE LTD. SINGAPORE	26.03.2019	13839643	1,38,39,643
77	CC	Computer Nodes with CPU-280 Sets and other items - HPCE Cluster	M/s. Inflow technologies (Singapore) pvt. Ltd.	31.03.2019	260059338	26,00,59,338
78	CC	HPE Apollo XL 190rGen 10 Servers (GPU Computer nodes) - 12 sets and other items.	M/s. Inflow technologies (Singapore) pvt. Ltd.	31.03.2019	20241200	2,02,41,200
79	CC	HPCE Cluster & Rack and colling	M/s. SBA info soultions, Chennai	31.03.2019	17373165	1,73,73,165
80	CC	HCI	M/S. VALUE POINT SYSTEMS PTE LTD. SINGAPORE	26.03.2019	6420668	64,20,668
		<b>Compute Nodes - Pure CPU</b>				
		HPE Apollo XL170rGen10 Servers (Pure CPU compute nodes) with the following				
		* 2 x Intel Xeon Gold 6248(20 cores @ 2.50GHz)/ 192 GB / 1 x 2 TB SATA disk/ 2 x 10G / Single port Mellanox HDR100 HCA (100Gbps) 280				
		HPE Apollo 2000 Gen10 Chassis with Redundant Power Supplies, Fans70				
		ILO Advanced License280				
		SUV Cable10				
		<b>Compute Nodes with CPU and GPU</b>				
		HPE Apollo XL190rGen10 Servers (GPU compute nodes) with the following15				
		* 2 x Intel Xeon Gold 6142(16 cores @ 2.6GHz)/ 192 GB / 1 x 2TB SATA disk/ 2 x 1G / Single port Mellanox HDR HCA(100Gbps) / 2 x Nvidia V100 32GB GPUs				
		HPE Apollo 2000Gen10 Chassis with Redundant Power Supplies and Fans8				
		ILO Advanced License15				
		SUV Cable1				
		<b>Head Nodes</b>				
		HPE ProLiant DL380Gen10 with the following 2				

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81	CC	2 x Intel Xeon Gold 6248(20c @ 2.5GHz)/ 12 x 16GB/ 2 x 1 TB NL SAS disks/ 4 x 1G / Single Port Mellanox HDR100 HCA/ 1 nos of dual port 10G HBA with SMF Transceivers/ dual port SAS HBA / ILO Advanced/ RPS / DVD RW	HP / SBA / InFlow	31/03/2019	3388408.78 USD  INR 23,32,58,060.41/- (Rupees Twenty Three Crores Thirty Two Lakhs Fifty Eight Thousand and Sixty Paise Forty One Only)	23,32,58,060
		HPE MSA 2050 SAN Storage with the following:1				
		* Dual Controller with SAS Host ports				
		* 4 x 600GB 10k SAS disks				
		Management Console - 1U TFT1				
		<b>Login Nodes</b>				
		HPE ProLiant DL380Gen10 with the following 1				
		2 x Intel Xeon Gold 6248(20c @ 2.5GHz)/ 12 x 16GB/ 2 x 1 TB NL SAS disks/ 4 x 1G / Single Port Mellanox HDR100 HCA/ 1 nos of dual port 10G HBA with SMF Transceivers/ ILO Advanced/ RPS / DVD RW				
		<b>PFS Storage</b>				
		PFS Storage Array comprising of the following:1 Set				
		MDS Nodes - DL360Gen10 - Each with the following:2				
		* 2 x Intel Gold 6128 (6c @ 3.4GHz) / 96GB / 2 x 600GB 10k SAS / E208ia + E208e-p RAID controllers/ Single Port Mellanox HDR100 HCA / RPS / ILO Advanced				
		OSS Nodes - DL380Gen10 - Each with the following:4				
* 2 x Intel Gold 6136 (12c @ 3.0GHz) / 384GB / 2 x 600GB 10k SAS / 4 nos of E208e + 1 x E208i RAID controllers/ Single Port Mellanox HDR100 HCA/ RPS / ILO Advanced						
Data Storage - 4 nos of D6020 Disk Enclosures with 264 nos of 6TB NL SAS disks1 Set						
Metadata Storage - D3710 Disk Enclosure with 2 x 300GB 10k SAS disks + 16 x 600GB 10k SAS disks1 Set						

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		Software1 Set				
		* RHEL Enterprise 2 sockets Support n Subscription6				
		* RHEL HA Extension6				
		* HPE Lustre Software Subscription and Support 5				
		<b>NAS Storage - 200 TB - 1 Set</b>				
		HPE Apollo 4510 NAS Storage with the following: 1				
		* 200 TB Usable RAID6 capacity comprising of 24 x 12 TB NL SAS disks				
		* Single Port Mellanox HDR100 HCA				
		* RHEL Enterprise License				
		<b>Switches - Secondary Communication NW and cables</b>				
		HPE 5130HI 48port GigE Switch with Redundant Power Supplies 16				
		CAT 5e cable, RJ45 to RJ45, M/M 2.1m (7ft)260				
		CAT 5e cable, RJ45 to RJ45, M/M 4.3m (14ft)260				
		CAT 5e cable, RJ45 to RJ45, M/M 7.6m (25ft)260				
82	CE	CYCLIC TRI-AXIAL TEST APPARATUS	M/S. WYKEHAM FARRANCE, ENGLAND	Dec. 2003	GBP 62210	55,98,900
83	CE	MATERIAL TESTING MACHINE	M/S. TINIUS OLSEN LTD., ENGLAND	Mar. 2011	GBP 40274	36,24,660
84	CE	RESONANT COLUMN APPARATUS	M/S. AE & C, NEW DELHI	Jul. 2013	\$69505	45,87,330
85	CE	ULTRAVIOLET AERODYNAMIC PARTICLE SIZE SENSOR	M/S. TSI INCORPORATED, USA	Jul. 2013	\$124633	82,25,778
86	CE	SERVO HYDRAULIC MULTI ACTUATOR COMPRESSION TESTING MACHINE	CONTROLS TESTING EQUIPTMENNT LTD.,U.K	Mar.2009	GBP 101983.15	71,38,820
87	CE	SIMPLE PERFORMANCE TEST EQUIPMENT	M/S. IPC GLOBAL, AU	Jan. 2009	AUD 109400	47,77,245
88	CE	EN STANDARDS TESTER	M/S. IPC GLOBAL, AUSTRALIA	Jun. 2013	AUD 76500	45,90,000
89	CE	PRESBOX SHEAR COMPACTOR	M/S. IPC GLOBAL, AUSTRALIA	Jun. 2013	AUD 83500	50,10,000
90	CE	CARBON ANALYZER	M/S. ATMOSLYTIC INC, USA	Jul. 2006	\$73000	48,18,000
91	CE	MTS MODEL 311 DYNAMIC HIGH FORCE SYSTEM - TENSION	M/S. MTS SYSTEMS CORPORATION, USA	Mar. 2014	(\$275000) 1.5 crore	1,50,00,000
92	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.	3,00,00,000
93	CE	MERCURY INTRUSION POROSIMETER	THERMO FISCHER	JUN.2014	EUR 33000	30,00,000
94	CE	SCANNING ELECTRON MICROSCOPE & INCA EDS X-RAY MICROANALYSIS SYSTEM	EMCRAFTS CO. LTD., SEOUL KOREA / OXFORD INSTRUMENTS NANO ANALYSIS	JUL.2014	USD60500& USD34000	60,00,000

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95	CE	WIDE RANGE AEROSOL SPECTROMETER	GRIMM	SEP.2014	62,36,964.00	62,36,964
96	CE	SINGLE COLUMN CLOUD NUCLEI COUNTER	DMT	JUNE.2015	65,19,022.00	65,19,022
97	CE	UV-APS	TSI-USA	AUG.2013	82,26,214.00	82,26,214
98	CE	PSEUDO DYNAMIC TESTING FACILITY	MTS SYSTEM CORPORATION, USA	NOV.2006	1,51,78,886.00	1,51,78,886
99	CE	GCMS WITH ACCESSORIES	AGILENT TECHNOLOGIES INDIA PVT LTD	SEP.2014	50,77,964.00	50,77,964
100	CE	GRR SYSTEM WITH 4NOS.OF ANTENNE	IDS INGENERIA ITALY	FEB.2015	33,50,427.00	33,50,427
101	CE	LEICA SCAN SYSTEM C10 3D LASER SCANING SYSTEM	LEICA GEOSYTEMs ,SWITZERLAND	FEB.2015	50,49,468.00	50,49,468
102	CE	MTS FLEX TEST CONTROLLER	MTS SYSTEM CORPORATION, USA	SEP.2014	39,00,000.00	39,00,000
103	CE	ATOMIC ABSORPTION SPECTROPHOTOMETER WITH ACCESSORIES	PERKIN ELMER, INTERNATIONAL SWITZERLAND	SEP 2013	3417000	34,17,000
104	CE	LC-MS WITH ACCESSORIES	AGILENT TECHNOLOGIES INDIA PVT LTD	APR 2016	50,00,000.00	50,00,000
105	CE	DYNAMIC SHEAR RHEOMETER (DSR)	M/S. ANTON PAARGMBH	JUL 2014	EUR 36492	35,00,000
106	CE	HYDRAULIC LOADING GAME MODEL PK 65	M/S. PALFINGER GRANS PVT. LTD	MAR 2016		31,19,230
107	CE	50 KN ELECTROMECHANICAL UNIVERSAL TESTING MACHINE	M/S. ZWICK ASIA PVT LTD	APR 2016	EUR 95470	76,20,415
108	CE	DYNAMIC SIMPLE SHEAR APPARATUS WITH CONFINING PREASSURE	M/S. V J TECH LTD. UK	MAR 2015	GBP 73686.13	66,40,594
109	CE	1) CYCLIC TRIAXIAL TESTING SYSTEM, 2) BENDER ELEMENT SYSTEM	M/S. V J TECH LTD. UK	JAN 2017 & JUN 2017	GBP 24756.50 & GBP 10347.75	31,63,595
110	CE	BIAXIAL SHAKE TABLE	M/S. MTS SYSTEMS CORPORATION, USA	SEP 2015	USD 805948	5,65,77,550
111	CE	HYDRAULIC POWER UNIT 505,120	M/S. MTS SYSTEMS CORPORATION, USA	01-03-2011	USD 151000	1,06,00,200
112	CE	MINI 10 LDV	MESUREMENT SCIENCE ENTERPRISE	JAN 2017	USD 63500	44,57,700
113	CE	ISLAND TABLE WITH ELECTRICAL FITTINGS AND SINK UNIT - 15 NOS.	MODERN LAB INTERIOR, CHENNAI	01-11-2017	4426327	44,26,327
114	CE	CYCLIC DIRECT SHEAR TESTING SYSTEM	HEICO, NEW DELHI	01-09-2017	5980000	59,80,000
115	CE	2D MINATURE LASER DOPPLER VELOCIMETER	MEASUREMENT SCIENCE ENTERPRISES, CA	01-09-2017	USD 109900	70,36,430
116	CE	MODULATED DIFFERENTIAL SCANNING CALORIMETER(MDSC) & TGA-SDT	WATERS GES.M.B.H, GERMANY	01-09-2017	USD 69500	48,65,000
117	CE	Ci300 + WEATHER - OMMETER	ATLAS MATERIAL TESTING SOLUTIONS, USA	01-01-2018	USD 85000	59,50,000
118	CE	HIGH PRESSURE SORPTION ANALYSER	QUANTACHROME INSTRUMENTS, USA	01-10-2018	USD 87950	61,56,500
119	CE	NICKOLET iS50 FTIR	THERMO ELECTRON SCIENTIFIC, USA	01-08-2017	USD 43450	30,41,500
120	CE	MCR 702 TWINDRIVE MODULAR COMPACT RHEOMETER	M/S. ANTON PAAR INDIA PVT. LTD.	01-09-2018	EUR 135,040.00	1,14,60,621
121	CE	QUARTS CRYSTAL MICROBALANCE ANALYSER	BIOLIN SCIENTIFIC SWEDEN	01-03-2019	EUR 195156	74,98,467
122	CE	TOC ANALYZER WITH SOLID SAMPLE MODULE & TOTAL NITROGEN	SHIMADZU ASIA PACIFIC PTE LTD	01-12-2018	USD 36230	25,36,155
123	CE	LC-MS-8040 WITH ACCESSORIES	SHIMADZU INDIA LTD	01.08.2019	9800000	98,00,000
124	CE	HIGH VOLTAGE PULSE GENERATOR	FID GMBH GERMANY	01-09-2019	EUR 43771.50	34,32,605
125	CE	HIGH PERFORMANCE LIQUID CHROMATOGRAPH	THERMO FISHER USA	01-09-2019	USD 32780	23,36,493

S.No	Dept.	Description	Name of Manufacturer	Date of Purchase	Purchase of cost (Rs.)	Present Value (Rs.)
126	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	03-05-2013	3588911	31,30,020
127	CEC	LOW FORCE ED VIBRATION SHAKER SD1510-230M, SERIAL NO:S1602004, MODEL NO:GT500M/SPA602, ROOM NO:CECB01G	SPECTRAL DYNAMICS INC, 2199 ZANKER ROAD, SAN JOSE, CA 95131-2109, USA	23/05/2016	3100800	<b>30,60,000</b>
128	CH	SIMULTANEOUS THERMOGRAVIMETRIC ANALYZER / DIFFERENTIAL SCANNING CALORIMETER (TGA/DSC) (SDT Q600) (SL. NO.1264)	WATERS GES.M.B.H, AUSTRIA	DEC.2012	5923854	45,83,765
129	CH	GAS CHROMATOGRAPHY - MASS SPECTROMETRY (GC-MS) (MODEL QP 2010 PLUS WITH AOC 201, S.NO. 020504720430)	SHIMADZU, JAPAN	01-08-2010	2904795	20,28,527
130	CH	DYNAMIC MECHANICAL ANALYSER	TA INSTRUMENTS	01-03-2009	3700000	24,54,656
131	CH	MIXER BLENDER PROCESSING UNIT	BARBENDER	01-03-2009	3700000	24,54,656
132	CH	RHEOMETER	ANTON PAAR	01-12-2004	3200000	16,42,695
133	CH	UNIVERSAL TESTING MACHINE	ZWICK	17-06-1905	3000000	9,70,600
134	CH	HITACHI S-4800-I 2.08 SEM	M/S. HITACHI HIGH TECHNOLOGIES (S) PVT LTD., , 7 TAMPINES GRANDE, SINGAPORE PIN -528736	AUG.2010	11490471	80,24,224
135	CH	RHEOMETER - HSB 151	ANTON PAAR 502	MAY .2015	4200000	37,90,500
136	CH	TGA/DSC THERMOGRAV	EWATERS, AUSTRIA	NOV. 2012	6500000	60,00,000
137	CH	PARTICLE SIZE ANALYER WITH ACCESSORIES; HORIBA PARTICLE SIZE ANALYSER SZ-100Z S.NO. V277S66, HORIBA LAZER SCATTERING PARTICLE SIZE DISTRIBUTION ANALYZER LA-950S2 S.NO.MCJDKM6L PH CONTROLLER LY-701 FOR SZ-100Z S.NO.VGPCWNMJ DRY POWDER SISPERING FEEDER FRO LA-950 S.NO.NTOV361H	HORIBA JAPAN	JUL. 2013	3752001	34,00,000
138	CH	GAS CHROMATOGRAPHY - MASS SPECTROMETRY (GC-MS) (MODEL QP 2020 PLUS WITH AOC 201, S.NO. 021425400731 SA)	SHIMADZU, JAPAN	PO DATE: DEC 2016, INSTL DATE: MAR 2017	2394610	23,00,000
139	CH	TCS SP8 LASER SCANNING CONFOCAL MICROSCOPE & ACCESORY H-ADDITIONAL ERGONOMIC CONTROPPANEL	LEICA, GERMANY	01.07.2018	14393900	1,40,57,800
140	CH	QUARTZ CRYSTAL MICROBALANCE - D, MSB-239	SWEDEN	PO DATE: 24.10.2017	5371000	51,00,700
141	CH	FLUOROLOG -3-21, SL. NO. 1962C-2318-FL	USA	PO:16.03.2018, INSTAL DATE: 08.09.2018	4632545	45,32,545
142	CH	TF ANALYSER 3000 & ACCESSORIES	AIXACCT, GERMANY	18.09.2019	EUR 47000	36,85,975
143	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	32,00,000
144	CY	SINGLE CRUSTAL X-RAY DIFFRACTOMETER (ROOM NO.CY 109 GF )CHY/2005/201/SPI/327	M/S.BRUKER AXS NETHERLANDS	12-07-2005	EURO.2,58,000.00 Rs.1,44,48,000.00	65,01,600
145	CY	NUCLEAR MAGNETIC RESONANCE (ROOM NO.CY 108 GF)	M/S.BRUKER AUTOSPIN	20/11/2001	Rs.1,43,67,500.00	64,80,000
146	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	57,33,000



S.No	Dept.	Description	Name of Manufacturer	Date of Purchase	Purchase of cost (Rs.)	Present Value (Rs.)
147	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	49,50,396
148	CY	THERMOGRAVIMETRIC ANALYSER & DIFFERENTIAL SCANNING COLORIMETER (ROOMNO.CY 107 GF) CHY/PGP/PGI/2008/724/SPI	M/S.TA INSTRUMENTS, USA	03-04-2009	\$.80,000.00 Rs.40,00,000.00	32,40,000
149	CY	MASS SPECTROMETER (ROOM NO.CY 106 GF )	M/S WATERS	12-04-2002	Rs.1,17,35,430.00	45,00,000
150	CY	POIARIZATION MODULATED & ANGLE DEPENDENT FOURIERTRANSFORMINFRARED REFLECTIONABSORPTION SPECTROMETER (ROOM NO.CY 113 GF )	M/S BRUKER GERMANY	09-11-2008	Rs.65,00,000.00	47,38,500
151	CY	SCANNING ELECTROCHEMICAL MICROSCOPE (ROMM NO. CY113A GF), CH/ARCH/2007/1456/SPIX	M/S. CH INSTRUMENTS USA	15.06.2018	3100000	25,11,000
152	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	53,55,000
153	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)	3,35,26,710
154	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)	33,49,800
155	CY	ELECTRON SPIN RESONANCE (ROOM NO.CY 106 GF), CH/PGI/2008/725/SPI	MAGNETEH	08.05.2009	EURO 44935.00 RS.3055580.00	27,50,022
156	CY	FLUROCUBE-01-NL LIFE TIME SYSTEM (ROOM NO. CY 222, 1ST FLOOR	HORIBA JOBIN YVON IBH TD	12.12.2008	Euro.33,600.00 Rs.26,20,800.00	23,58,720
157	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	2,40,52,000
158	CY	CIRCULAR DICHROISMSPECTROMETER CHY/HOD/2012/451/SPI/1792	M/S APPLIED PHOTOPHYSICS	28.03.12	GBP.81605.00 Rs.69,36,425.00	69,36,425
159	CY	GCMSMS SYSTEM CHY/HOD/2012/1026/SPIX/165	M/S AGILENT TECHNOLOGIES	10.05.12	USD.139560.00 Rs.75,36,240.00	75,36,240
160	CY	FT-RAMAN SPECTROMETER CHY/HOD/2011/452/SPI/1795	M/S BRUKER OPTIK GMBH	13.07.12	Euro.95305.00 Rs.63,00,000.00	63,00,000
161	CY	SCANNING ELECTRON MICROSCOPE CHY/HOD/2011/453/SPI	M/S FEI COMPANY OF USA SINGAPORE	17.7.12	EURO.142937.00 Rs.94,33,842.00	94,33,842
162	CY	MALDI-TOF/TOF/, CHY/HOD/2011/462/SPI	M/S. BRUIKER DALTONIK GMBH	30.03.2012	USD 3,26,528.00 RS. 1,66,52,928.00	1,66,52,928
163	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	1,06,82,500
164	CY	LOW TEMPERATURE ISO THERMAL CALORIMETER CHY/HOD/2012/1302/SPIX	M/S SETARAM INSTRUMENTS	6.05.13	Euro.124779.00 Rs.88 lakhs	88,00,000
165	CY	HIGH RESOLUTION MASS SPECTROMETER CHY/INDR/DILL/1017/SPLX/85	M/S AGILENT TECHNOLOGIES	08.05.2017	17578822	1,75,78,822
166	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	83,72,948
167	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	\$ 140000	52,56,336

S.No	Dept.	Description	Name of Manufacturer	Date of Purchase	Purchase of cost (Rs.)	Present Value (Rs.)
168	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	EURO 48976.00 RS. 3464758.00	28,14,250
169	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	39,35,171
170	ED	INFINIUM DCA-X OSCILLOSCOPE MAIN FRAME & ACCESSORIES (MODEL NO: 86100D) LOCATION: MICROWAVE LAB ED ROOM NO: 401, S/N:MY53150429,MY47490613,MY49350435,MY50320154,(SRB# 3505 TO 3507) LF:PE1/165	AGILENT TECHNOLOGIES SINGAPORE PTE LTD, SINGAPORE (COUNTRY OF ORIGIN: MALASIYA)	23/08/2013	\$ 61000	40,25,442
171	ED	MODULAR MECHATRONICS SYSTEM ED ROOM NO.406 AUTOMATION LAB	M/S. FESTO CONTROL PVT LTD BANGALORE(INDIA)	11-05-2014	3250353	32,50,353
172	ED	VIRTUAL DRIVING HARDWARE IN THE LOOP HIL TEST RIG. ED ROOM 101 AUTOMOTIVE SYSTEMS LAB (SRB # 4188-89 L.F.:PE2/117	M/S. AUTOMOTIVW TEEST SYSTEMS(PUNE) (INDIA) (M/S. IPG AUTOMOTIVE GmBh COUNTRY OF ORIGIN: GERMANY)	29.03.2017	36,10,000.00	36,10,000.00
173	ED	ACQUISITION FOR CHARGE AMPLIFIER & DYNAMOMETER. (SRB NO.5957) L.F.:PE-2/179 S/N. 5217218, 5284524, 5273510. ED ROOM NO. 404A, SUSTAINABLE MANUFACTURING LAB.	M/S. KISTLER CHINA LIMITED (HONGKONG) (M/S. KISTLER INSTRUMENTS INDIA PVT LTD, CHENNAI) COUNTRY OF ORIGIN : SWITZERLAND	08.03.2018	CHF 47493	30,85,620
174	ED	GPU SERVER: BOSTON X86-1U RACK NVLNC GPU SERVER ED ROOM NO. 205, TYRE LAB (SRB NO. 5960), L.F.:PE-2/182 S/N. S315192X8813563, P/N. SYS-1029GQ-TVRT	M/S. BOSTON LIMITED (ENGLAND) (M/S. LOCUZ ENTERPRISES SOLUTIONS LIMITED, CHENNAI ) COUNTRY OF ORIGIN: UK	17.09.2018	USD 46362.00	31,87,851
175	ED	TUNABLE PULSE LASER NT 342-B-10-AW10-H-2H ED ROOM NO.421, BIO NANO MICRO LAB (SRB NO:5985), L.F: PE-3/6 S/N.PGL 473	EKSPLA, LITHUANIA	26.11.2018	EUR 38000	29,80,150
176	EE	EBEAM COATING UNIT BC 300T. ESB-230	HIND HIGH VACUUM COMPANY LIMITED	31/12/2009	3150000	31,50,000
177	EE	SEMI AUTOMATIC PROBE STATION 12000B AP ETC-200L-163937. ESB-230	CASCADE MICROTEC INC	23/03/2012	(\$210748) 14385658.48	1,43,85,658
178	EE	VECTOR NETWORK ANALYSER 10MHZ TO 0GHZ (MY49030466). ESB-230	AGILENT TECHNOLOGIES SINGAPORE	28/02/2011	(\$141375) 9650257.5	96,50,258
179	EE	PROBE STATION (MANUAL) SUMIT 11000B-M 1372221003. ESB-230	IT GLOBE,INC	03-12-2010	(\$85722) 5851383.72	58,51,384
180	EE	SEMICONDUCTOR DEVICE ANALYZER (JP49320115)B1500A ESB-230	AGILENT TECHNOLOGIES SINGAPORE	01/10/2009	(\$52729) 3599281.54	35,99,282
181	EE	SEMICONDUCTOR DEVICE ANALYZER B1500A(JP10E00413) ESB-230	AGILENT TECHNOLOGIES SINGAPORE	01/08/2012	(\$52729) 3599281.54	35,99,282
182	EE	3D NON CONTACT SURFACE PROFILER CONTOUR GTIM-13107. ESB-230	BRUKER AXS PTE LTD	19/10/2012	(\$219000) 14948940	1,49,48,940
183	EE	OLYMPUS MODEL OLS4000-SAG (CONFOCAL MICROSCOPE) 2J45624. ESB-230	OLYMPUS CORPORATION	24/09/2012	(JPY7050000) 4781556.75	47,81,557

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184	EE	MANUAL VACUUM PROBE STATION(THERMAL) PLV50-91257. ESB-230	CASCADE MICROTEC INC	16/11/2012	(\$275722) 18820783.72	1,88,20,784
185	EE	DESKTOP MINI SEM SNE 4500M-120015 ESB-230	SEC GLOBAL PTE LTD	05/09/2012	(\$97000) 6621220	66,21,220
186	EE	POLYTEC MICRO SYSTEM ANALYSER (VIBROMETER) MSA 500. ESB-230	POLYTECH GMBH	04/05/2012	(E320715) 28554826.35	2,85,54,826
187	EE	50GHZ PNA-X VECTOR NETWORK ANALYSER-N5245A ESB-230	AGILENT TECHNOLOGIES SINGAPORE	06/09/2012	6339610	63,39,610
188	EE	MASK WRITER DWL66. ESB-232	M/S.HEIDELBERG INSTRUMENTS, GERMANY	20/12/2004	7500000	75,00,000
189	EE	SB6 KARL SUSS SUBSTRATE BONDER-ESB-232	KARL SUSS KG-GMBH&CO D-85748 GARCHING GERMANY	17/07/2002	10000000	1,00,00,000
190	EE	KARL SUSS MA6/BA6 MASK ALIGNER-872. ESB-232	KARL SUSS KG-GMBH&CO D-85748 GARCHING GERMANY	24/02/2004	(E419243) 37046198.07	3,70,46,198
191	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) 8000000	80,00,000
192	EE	ICP ETCHING SYSTEM PLASMA LAB 100-ICP180 - 94-815135 CSD-207	M/S.OXFORD INSTRUMENTS PLASMA TECH.,UK	18/08/2010	16500000	1,65,00,000
193	EE	ADVANCED DICING MACHINE TECHNOLOGY PROVECTUS 7100-551217. CSD-207	M/S. ADVANCED DICING TECHNOLOGIES LTD.ISRAEL	27/03/2012	(\$86105) 5877527.3	58,77,527
194	EE	CANTILEVER SENSOR CONCENTRIS CSR401 CMU0801121163. CSD-213	M/S.CONCENTRIS GMBH ,,SWITZERLAND	28/08/2012	(\$171534) 9000000	90,00,000
195	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) 6998327.85	69,98,328
196	EE	RAPID THERMAL PROCESSING SYSTEM AS-ONE 100 AS0210R4-5344. ESB-123	M/S.ANNEALSYS, MONTPELLIER,FRANCE	21/02/2008	4000000	40,00,000
197	EE	E-BEAM LITHOGRAPHY RAITH-150. ESB-126	M/S.KONARD ADENUAR ALLEC ,GERMANY	24/02/2012	(E1062036) 70000000	7,00,00,000
198	EE	SVCS 4 STACK DIFFUSION FURNACE. ESB-123	M/S.SVCS PROCESS INOVATION CZECH REPUBLIC	06/03/2012	(\$307660.00) 16001306.60	1,60,01,307
199	EE	LPCVD FURNACE. ESB-123	M/S.FIRST NANO USA.		(\$591998) 29500000	2,95,00,000
200	EE	CLEAN ROOM (CLASS-1000). ESB-123	MARK AIR PARTICULATE CONTROL SYSTEMS	25/03/2013	4740782	47,40,782
201	EE	CLEAN ROOM (CLASS-1000). ESB-126	MARK AIR PARTICULATE CONTROL SYSTEMS	15/02/2013	4196260	41,96,260
202	EE	CSD CHARECTERIZATION CLEAN ROOM	MARK AIR PARTICULATE CONTROL SYSTEMS		6025770	60,25,770
203	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	2,01,00,000
204	EE	DRIE (Plasmalab 100 Estrelas),SL.NO:815813(CNNP-BUILDING)	M/S.OXFORD INSTRUMENTS PLASMA TECH.,UK	14/08/2010	(GBP:365000) Rs.325 lakhs	3,25,00,000
205	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 lakh	2,10,00,000
206	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 lakh	2,37,00,000

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207	EE	SOLAR CELL MEASUREMENT UNITSI.NO:1116	M/S.PHOTO EMISSION TECH.,INC CAMARILLO,CA93012,US	05.12.2014		66,00,000
208	EE	NETWORK ANALYZER SL.NO.MY46109960	AGILENT	02-07-1905	USD 47198	30,67,870
209	EE	SIGNAL SOURCE ANALYZER SL.NO.MY47402176	KEYSIGHT TECHNOLOGIES	01-08-2015	USD 99796	64,94,718
210	EE	CNNP CLEAN ROOM (CLASS 1000 AND CLASS 100), ESB-126EXT-BUILDING	ASEPTIC PROJECTS THANE	19.09.2014	9509068.91	95,09,069
211	EE	BRAGG STAR INDUSTRIAL (S.NO:GEP,112166,10000) LOCATION: ELECTRICAL DEPT ROOM NO: CSD101 (FBG LAB) PO# ELE/COM/20-08/600/SPI/1110	COHERENT	30.10.2009	7768167	35,00,000
212	EE	High Power Narrow Linewidth Amplifier	Optical Engines	2018	64000 USD	48,00,000
213	EE	LABMASTER MICVI-ZI-A Master Control Module LABMASTER 10-36ZI-A (36 GHz Data Acquisition Module) IQS42 Coherent Optical Receiver 42GHz, with Laser IQTransmitter-40-EDP-ABC-C 40 GHz, with Laser M8195A-002, Arbitrary Waveform Generator, 65GSa/s	Coherent Solutions	Sep-16	3,92,800 USD	2,80,00,000
214	EE	Kelvin Force Probe Microscope (AFM/KPFM), model number NX10, in a glovebox	Park Systems (S. Korea)	18-Apr	INR 76,72,297	76,72,297
215	EE	Vacuum Evaporation system with load lock and vacuum pumps	Excel (system), Pfeiffer (pumps)	ll arrive in NOV 20	INR 34,00,000	34,00,000
216	EE	Cluster system for AMOLED displays	Technoblaze (Japan)	ll arrive in MAR 20	JPY 272,000,000	17,77,76,541
217	EE	AMOLED cleanroom	Iclean	functional from M	INR 3,09,27,415	3,09,27,415
218	EE	Cryogenic Probe Station PS100 (Sl.No.MCSA129M), CSD215	M/S. Lakshore Cryotronics, USA	28-08-2016	(\$67098)Rs. 4377473	40,49,162
219	EE	MA6 BA6 Mask Aligner with DUV Exposure(S.No: MA6BA6-001476 ), ESB-126 Extn-CNNP Clean Room	M/S. SUSS Microtec Lithography GmbH, Ge	27-02-2017	(Euro 231020) Rs. 1,76,69,806	1,65,65,443
220	EE	Atomic Force Microscope(AFM) with kelvin probe force Microscope(KPFM) in glove box, Model No. MINI-450F-7500, S.No. 180100	M/S. Park Systems Corp, Korea	26-04-2018	USD 112000 (Rs. 7956480)	76,58,112
221	EE	Glass Processor purchased through ELE-BALA-2017-1280	Photonics Tech. Pvt ltd singapore (Laser Sc	12-07-2017	USD 121837	86,82,543
222	EE	Narrow linewidth HPA purchased through ELE-BALA-2018-1012	Optical Engines	10-05-2018	USD 64000	45,60,870
223	EE	Narrow linewidth HPA through ELE-BALA-2018-1169	Optical Engines	24-09-2018	USD 64000	45,60,870
224	EE	Volume Scattering Function meter through OECP/SHA/2016/1054	Sequoia Scientific Inc	30-08-2016	USD 77500	55,22,929
225	EE	Network Analyzer (MY46109960) ESB122	Agilent	2010	(\$47198) 3303860	33,03,860
226	EE	PROBE SYSTEM (EPS150RFEDU) ESB1220	CADSCADE MICROTECK INC	28/09/2017	(\$58690) 4108300	41,08,300
227	EE	E5052B 10 MHz TO 7 GHz SIGNAL SOURCE Analyzer (MY47402176) ESB122	KEYSIGHT TECHNOLOGIES	18/08/2015	(\$99,796)6985720	69,85,720
228	EE	E8267D PSG vector signal generator (MY56440131) ESB122	KEYSIGHT TECHNOLOGIES	17/01/18	(\$66777.2) 4674404	46,74,404
229	EE	N9041B UXA Signal analyzer extended (US57220126) ESB122	KEYSIGHT TECHNOLOGIES	17/01/18	(\$123275.71) 8629299.7	86,29,300
230	EE	N5247A 10MHz to 67GHz PNA-X network analyzer (US57270812) ESB122	KEYSIGHT TECHNOLOGIES	17/01/18	(\$113204.10) 7924287	79,24,287
231	EE	E8257D PSG Analog Signal generator (MY58460199) ESB122	KEYSIGHT TECHNOLOGIES	07-07-2019	(\$73793.41) 5165538.7	51,65,539
232	EE	E8257D PSG Analog Signal generator (MY58460200) ESB122	KEYSIGHT TECHNOLOGIES	07-07-2019	(\$73793.41) 5165538.7	51,65,539
233	EE	E5053 Signal Source Analyser upgrade (Microwave downconverter) (MY45501065)	KEYSIGHT TECHNOLOGIES	07-07-2019	(\$73421.30) 5139491	51,39,491
234	EE	M8040A High performance BERT	KEYSIGHT TECHNOLOGIES	04-01-2019	(\$398092.90) 27866503	2,78,66,503

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235	EU	PRESSURE SAND FILTER - 2 NOS.	M/S. PURE GREEN ENGG PVT LTD, CHENNAI	28.08.2017	3150000	31,50,000
236	ME	HIGH POWER ULTRAFASST FIBER LASER SYSTEM & ACCESSORIES	AMPLI. SYSTEM. FRANCE, MELS IMPEX INC USA	09-07-1905	13918000	1,39,18,000
237	ME	EDM PULSE GENERATOR WITH CONTROLLER AND LINEAR DRIVES	MIKROTOOLS PTE LTD, PL INSTRU GMBH, ROX TRADING & SYS., AGMATEL INDIA	09-07-1905	3033000	30,33,000
238	ME	WYKO 3D PROFILOMETER CONTACT AND NONCONTACT	VEECO USA	30-06-1905	5500000	55,00,000
239	ME	MINIATURE MICRO MACHINING, CONFOCAL MEASURING FACILITY	NEWPORT USA, HPT BMR GMBH SWISS	2008 2013	3700000	37,00,000
240	ME	PIEZO ACTUATOR, CAPCITIVE SENSOR, PIEZO CONTROLLER, DYNAMO METER	PI INSTRUMENTS GMBH, KISLTER INDIA	2016 2017	3100000	31,00,000
241	ME	KERN MICROTECHNIK: KERN EVO, SWITZERLAND	KERN EVO, SWIS GMBH	30-06-1905	39500000	3,95,00,000
242	ME	1000 KGF ELECTRODYNAMIC VIBRATION SYSTEM	-	2017/2018	2458000	24,58,000
243	ME	HI Speed Camera- Fastcam SA5	Photron	03-01-2017	44060 Euro	33,92,223
244	ME	CO2 Refrigeration System with all standard essential test/ installation accessories	ENEX SRL, ITALY	02.08.2017	90,00,000	90,00,000
245	ME	GE V-tomex X-Ray micro nano tomography system	General Electric	06-07-1905	30000000	3,00,00,000
246	ME	RITEC RAM 5000 SNAP System	RITEC Inc	30-06-1905	5000000	30,00,000
247	ME	Instron 8801 100kN Fatigue Testing Machine	Instron Testing Systems	05-07-1905	8000000	70,00,000
248	ME	FLIR thermal Imaging Camera systems (4 nos)	FLIR systems	2008 2010 2013 2015	3400000 + 4200000+ 5400000 + 7000000	2,00,00,000
249	ME	Trotix Ultrasonic Immersion C-Scan System	Trotix Pvt Ltd	28-06-1905	3500000	30,00,000
250	ME	RITEC RPR 4000 system(6 nos)	RITEC Inc	2005 to 2015	12000000	1,20,00,000
251	ME	Polytec Laser Doppler Vibrometer (In-Plane)	Polytec Inc	30-06-1905	6000000	60,00,000
252	ME	Polytec Laser Doppler Vibrometer (Out-of--Plane)	Polytec Inc	05-07-1905	3500000	35,00,000
253	ME	IOS Laser Ultrasonic Receiving System	IOS Systems	09-07-1905	4500000	45,00,000
254	ME	Dhvani 5-axis Ultrasonic C-Scan system	Dhvani R & D	04-07-1905	3200000	30,00,000
255	ME	Ultrasonic Air-coupled C-Scan system	Ultran USA	03-07-1905	4000000	40,00,000
256	ME	Wingbox SHM systems	National Instruments	06-07-1905	4000000	40,00,000
257	ME	High Performance Computer Systems (12)	HP Workstations	2010 to 2015	3500000	30,00,000
258	ME	Ceram 235 X-ray Source and Digital Flat Panel Detector	Balteau and Vidisco	29-06-1905	6500000	60,00,000
259	ME	High Frequency Ultrasonic Scanning System	PI Physic, JST DPR500, NI DaQ	07-07-1905	8500000	80,00,000
260	ME	Focus LT Phased Array System with Probe Set	Olympus NDT	04-07-1905	6800000	68,00,000
261	ME	Omni Scan MX II Olympus Phased Array System	Olympus NDT	07-07-1905	5400000	54,00,000
262	ME	Powermate EMAT Pulser/Receiver (3 Nos)	Innerspec USA	2013 2015 2015	6500000	65,00,000
263	ME	Ground Penetrating Radar	GSSI USA	04-07-1905	3800000	35,00,000
264	ME	Panametrics Pulser Receiver PR5800, PR5900, PR5058(2)	Olympus NDT	2007 2010 2013	4500000	45,00,000
265	MME	QUANTA 400F (D8821)	FEI-USA	23.10.2009	17000000	1,44,00,000
266	MME	INSPECT F (D8817)	FEI-USA	23.10.2009	15000000	1,21,50,000

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267	MME	OPTICAL EMISSION SPECTROMETER (MSB 203)	SPECTRO ANALYTICAL INSTRUMENTS GMBH, GERMANY (AMETEK GROUP-MATERIALS ANALYSIS DIVISION)	23.01.2012	6000000	52,20,000
268	MME	TRANSMISSION ELECTRON MICROSCOPE - CM 12 SNO-D714	PHILIPS EXPORTS B.V	23.02.1986	6100000	40,50,000
269	MME	TRANSMISSION ELECTRON MICROSCOPY. TECNAL 20 WITH EDS AND CCD	FEI-USA		45000000	4,00,50,000
270	MME	ZWICK ROELL - 100KN - Z100 TEW MATERIAL TESTING MACHINE (MSB 105)	ZWICK ASIA PTE LTD.,	14.02.2014	10000000	85,50,000
271	MME	CNC WIRE EDM MODEL AU-300 IA SUBMERGED TYPE WITH OPTICAL ACCESSORIES (WORKSHOP)	ACCUTEX TECHNOLOGIES	21.06.2014	4100000	35,10,000
272	MME	HIGH TEMPERATURE CREEP - ATS (MSB 105)	APPLIED TEST SYSTEMS	22.08.2011	4500000	37,80,000
273	MME	GLEEBLE - 3800 (3800-485) (MJ LAB)	DSI, USA	23.01.2014	66000000	5,89,50,000
274	MME	TITAN G2 - 300 TEM (HSB 138)	FEI-USA	09.03.2010	17200000	1,50,30,000
275	MME	NANO MECHANICAL TYERST SYSTEM . TI-950 MSB202	HYSITRON INC. USA	07.04.2010	10700000	91,80,000
276	MME	X-PERT PRO MPD X-RAY DEFRACTOMETER MSB .201	SPECTRICS PTE LTD SINGAPORE	19.10.2010	6800000	61,20,000
277	MME	SIMOLOYER CMO1-2LM, AIR LOCK DN40 MSB 202	ZOZ GMBH, GERMANY	12.12.2008	3600000	27,90,000
278	MME	SPARK PLASMA SINTERING SYSTEM MSB 202	SOJITZ MACHINERY CORPORATION, JAPAN	19.10.2009	20000000	1,75,50,000
279	MME	"BRUKER"AXS AUTOMATED X-RAY DIFFRACTOMETER SRL#203192	BRUKER AXZ GMBH, GERMANY	09.01.2007	7056000	57,15,360
280	MME	"IZRD" DESKTOP RESIDUAL STRESS ANALYSIS SRL#09041010T09	PROTO MANUFACTURING LTD, CANADA	01.10.2009	5000000	40,50,000
281	MME	SIMULTANEOUS THERMAL ANALYZWER [ TG - DSC - DTA ]	M/S. SETARAM INSTRUMENTATION	30.03.2017	3002110	30,02,110
282	MME	High Temperature Fretting Wear Test Facility	M/s. RTEC Instruments, USA	04.04.2016	5715262	57,15,262
283	MME	Local Electrode Atom Probe	M/s. Cameca Instruments, Inc, USA	29.11.2016	31040180	31,04,01,801
284	MME	EDS & EBSD System for Helios G4 UC Model	M/s. EdaxInc, USA	29.06.2017	5813640	58,13,640
285	MME	Helios G4 OX Dual Beam Focused Icon Beam & Technai G2 Spirit Twin Transmission Electron Microscope	M/s. FEI Company of USA (S.E.A) Pte Ltd, Singapore	29.06.2017	81285490	8,12,85,490
286	MME	Dilatometer	M/s. Netzsch GeratebaugmbH, Germany	08.08.2017	3000000	30,00,000
287	MME	G4 ICARUS HF (CS) CARBON SULPHUR ANALYSER	BRUKER AXS GMBH	20.02.2018	3595493	35,35,185
288	MME	G8 GALILEO ON H+IR07 DIFFUSIBLE HYDROGEN OXYGEN AND NITROGEN ANALYSERS	BRUKER AXS GMBH	29.11.2017	6946685	69,46,685
289	MME	RUMUL HIGH FREQUENCY RESONANT TESTING MACHINE GIGAFORTE50	RUSSENBERGER PRUFEMASCHINENAG, SWITZERLAND	15.08.2018	15274486	1,52,74,486
290	MME	THERMAL ANALYZER (LABSYS EVO TG-DTA/DSC 1600 C)	SETARAM INSTRUMENTATION	09.03.2018	3915500	39,15,500
291	MME	MAGNETICALLY IMPELLED ARC BUTT (MIAB) WELDING MACHINE	JIT ENGINEERING & SOLUTIONS PTE LTD.	09.07.2018	11198330	1,11,98,330
292	MME	HIGH TEMPERATURE TRIBOMETER	NANOVEA	22.03.2018	3568621.42	35,68,621
293	MME	HIGH VELOCITY OXY-FUEL(HVOF) SPRAY PROCESS	ADVANCED MATERIALS TECHNOLOGY (AMT) AG SWITZERLAND	09.03.2018	9436356.6	94,36,357
294	MME	HIGH RESOLUTION SCANNING ELECTRON MICROSCOPE	THIERMO FISHER FEI	15.10.2019	35500000	3,55,00,000
295	MME	COLD SPRAY	PLASMA-GIKEN	20.12.2018	15540152	1,55,40,152
296	MME	ACOUSTIC CHAMBER, DUST COLLECTOR AND GRIT BLASTER	MEC	23.03.2019	3788953	37,88,953

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297	OE	PARTICLE IMAGE VELOCIMETRY (PIV) SYSTEM P.O OED/VGID/2008/1012/SPIX/501 LOCATION: GLASS FLUME GROUND FLOOR	M/S TSI INCORPORATED USA	27/08/2008	5500000	40,00,000
298	OE	MEWM CONTROL SYSTEM UPGRADATION, LOCATION: WAVE BASIN 1ST FLOOR, Upgradation of MEWM in 2016	M/S DHI, DENMARK	11-08-2013	35000000.00 + 15000000.00	5,00,00,000
299	OE	SHALLOW WAVE MAKER	M/S PARKERS CHENNAI	29-06-1905	7500000	75,00,000
300	OE	HPHT RHEOMETER	GRACE INSTRUMENT COMPANY, USA	04.09.2018	100000000	10,00,00,000
301	OE	ROLLER OVEN	GRACE INSTRUMENT COMPANY, USA	04.09.2018	3000000	30,00,000
302	PH	ACCESSORIES FOR UPGRADATION OF EXISTING LABRAM HR RAMAN SPECTROMETER	HORIBA JOBIN YVON SAS FRANCE	05.03.2014	RS. 32,58,645/- EURO 38,337/-	32,58,645
303	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	2,40,00,000
304	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	27.09.2012	RS. 6.0 CRORE EURO 431280	5,40,00,000
305	PH	MODEL L1610 HELIUM LIQUIEFIER, RSX COMPRESSOR AND ACCESSORIES (S.NO. 12-0060) LOW TEMPERATURE PHYSICS LAB, DEPT. OF PHYSIS	LINDLE CRYOGENICS, USA	15.11.2013	RS. 6.0 CRORE US \$ 949100	5,70,00,000
306	PH	SQUID BASED VIBRATING SAMPLE MAGNETOMETER (S.NO.SVSM 099) LOW TEMPERATURE PHYSICS LAB, DEPT. OF PHYSIS	QUANTUM DESIGN, USA	16.01.2014	RS. 2.70 CRORE US \$ 510000	2,50,00,000
307	PH	SMART LAB ROTATING ANODE X-RAY DIFFRACTOMETER	RIGAKU CORPORATION, JAPAN	28.03.2012	RS. 28704600	2,73,41,100
308	PH	SPECTROSCOPIC ELLIPSOMETER AND ACCESSORIES	J A WOLLAM, USA	15.02.2014	RS. 58 LAKH USD 90300	56,00,000
309	PH	DIELECTRIC SPECTROMETER	NOVACONTROL GMBH	29.10.2014	RS. 77 LAKH EURO 86075.40	70,00,000
310	PH	ATOMIC FORCE MICROSCOPE(AFM) PH/2017/0204/SPI DT.30.06.2017	M/S. PANK SYS. CORPN. THRO' M/S. ICON ANALYTICAL	INST: 21.03.2018	USD 1,10,000.00 RS, 71,94,000.00	71,00,000
311	PH	Picosecond Nd:YAG laser (with accessories for cavity dumped ultra-stable amplified operation)	QUANTA SYSTEM, ITALY	22/06/2006	44,18,673	35,00,000
312	PH	Microwave Vector Network Analyzer N5230A	Keysight	2008	Rs. 50 Lakhs	35,00,000
313	PH	Microwave Vector Network Analyzer N5230C	Keysight	2012	Rs. 35 Lakhs	15,00,000
314	PH	Femtosecond laser system with optical platforms	Coherent Inc	08.01.2015	2,25,00,000	2,50,00,000
315	PH	Micromachining end-station	Newport Inc	21-Jan-19	91,00,000	95,00,000
316	PH	Optical Parametric Amplifier	Light Conversion Inc. Lithuania	20/05/2019	75,00,000	75,00,001
317	PH	Transient absorption spectrometer	Ultrafast systems	05-10-2019	85,00,000	85,00,001
318	PH	Glove box (2)	MBraun	2015 and 2017	40,00,000 each	55,00,000
319	PH	Multi functional electrode evaluation facility	Electrochem	2008	70,00,000	50,00,000
320	PH	Fuel cell testing station	Teledyne	2008	50,00,000	35,00,000
321	PH	Thermal conductivity analyser	Chem pex industries	2011	35,00,000	30,00,000
322	PH	Electrometer electrochemical impedance analyser	Bio-Logic SAS	2015	45,00,000	35,00,000
323	PH	BET	Micro meritics	2012	30,00,000	25,00,000
324	PH	CCD Camera and spectrometer coupled with the microscope	NIKON and Princeton Instruments	01-01-2008	40,000,00	35,00,000
325	PH	Time-resolved spectroscopy set up	NIKON, Edinburgh Instruments and Advanced Photonics	2011	3400000	32,00,000

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326	PH	VME Data Aquisition system and Micro-Abrasove Water Jet machine	CAEN, Italy, Finepart Sweden	2015, 2019	30 Lakhs, 150 Lakhs	1,85,00,000
327	PH	Scanning Electron Microscope, High Resolution Transmission Electron Microscope	FEI, Netherland	2008	890000 Euro, 5.67 Crores	3,50,00,000
329	PH	X Ray Photoelectron Spectrometer	SPECS, Germany	2012	4 Crores	3,00,00,000
330	PH	Confocal Raman Microscope	WiTec, Germany	2008	1.5 Crores	1,00,00,000
331	PH	Photo Luminecsence Spectrometer	HORIBA JOBIN YVON SAS FRANCE	2011	1.5 Crores	1,00,00,000
332	PH	Solar Simulator	NEONSEE (K-TECH)	2015	80 Lakhs	50,00,000
333	PH	Parameter Analyser	Keithley Instruments, US	2017	58 Lakhs	50,00,000
334	PH	Sputtering	Hind High Vacuum	2007	60 Lakhs	30,00,000
335	PH	Pulsed Laser Deposition LASER	Coherent Inc	2012	1.5 Crores	1,00,00,000
336	PH	Pulsed Laser Deposition Chamber	Excel Instruments, India	2014	40 Lakhs	30,00,000
337	PH	Hot Filament Chemical Vapour Deposition	SP3, US	2008	4 Crores	3,00,00,000
338	PH	ATOMIC FORCE MICROSCOPE(AFM)	Bruker	2011	1 Crore	75,00,000
339	PH	Physical Property Measurement System	QUANTUM DESIGN, USA	2008	5 Crores	3,00,00,000
340	PH	Atomic Force Microscope-B with Optical Accessories	Park Systems Korea	30.06.2017	7500000	75,00,000
341	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)	2,07,65,031
342	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)	77,40,672
343	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)	3,06,89,041
344	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)	1,39,83,843
345	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)	84,83,041
346	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)	1,42,77,988
347	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)	68,39,416
348	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)	2,57,13,103
349	SAIF	CHNSO ANALYZER: 1. CS744-MC CARBON/SULPHUR DETERMINATOR.(SL# 11942) 2. ONH836-MC OXYGEN/NITROGEN/HYDROGEN DETERMINATOR.(SL# 11579) 3. TRSMCHNSC TRUSPEC MICRO CARBON/HYDROGEN/NITROGEN/SULPHUR DETERMINATOR.(SL# 12014) 4. 628ORTSM TRUSPEC OXYGEN MODULE (SL# 11963) LOCATION:CHNSO LAB	LECO CORPORATION USA	26.07.2016	11451705.00 (\$172309.73)	1,14,51,705
350	SAIF	CHNSO ANALYZER	LECO MODEL	15.07.2015	10855512.99	1,08,55,513
351	SAIF	AVHD 500 - AVENCE III HD 500 MHz One Bay NMR Spectrometer	AVHD 500 - AVENCE III	30.09.2016	31806000	3,18,06,000



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352	SAIF	D8 VENTURE STATE OF THE ART SINGLE CRYSTAL X-RAY DIFFRACTO METER SYSTEM	SC XRD WITH CHILLER	28.07.2016	18750000	1,87,50,000
353	SAIF	LAMBDA 950 UV-VIS-NIR SPECTROPHOTOMETER	M/S. PERKIN ELMER	19.10.2017	2939860	29,39,860
354	SAIF	LAKE SHORE 7410 VIBRATING SAMPLE MAGNETOMETER. SL.NO., LOCATION-HSB 142	M/S.LAKESHORE CRYOTRONICS, INC., USA	26.09.2018	20791618 (\$285992)	2,07,91,618
355	SS	ABC/CO2 Fire Extinguishers- 700 Nos	Ceasefire Industries Pvt. Ltd, Uttarakhand	19.02.2019	4842250	48,42,250

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