

CIVIL DEPARTMENT LABORATORY INFORMATION

Sr. No.	Name of Equipment	No. of Equipments	Amount
1	Concrete Technology Lab	51	368,370.00
2	Environment Engineering Lab	24	381,620.00
3	Geotechnical Lab	44	478,530.00
4	Engineering Mechanics Lab	37	114,442.00
5	Mechanics of structure	12	1,385,270.00
6	Model Room	43	295,493.00
7	Hydraulics Lab	3	64,303.00
8	Surveying Lab	52	785,209.00
			3,873,237.00

Concrete Technology Lab

Sr. No.	Name of Equipment	Quantity	Amount
1	Compaction Factor Apps.	1	10,812.00
2	Flakiness Index	1	924.00
3	Length Gauge	1	924.00
4	Aggregate impact Tester	1	6,654.00
5	Sieve Shaker	1	13,620.00
6	Cube Mould	6	5,700.00
7	Aggregate Crushing Value	1	4,068.00
8	Vicat Needle Apps.	1	1,722.00
9	Hot Air Oven	1	10,177.00
10	Brass Sieve Set	1	9,250.00
11	Cube Mould	6	4,536.00
12	300 mm GI Sieve	2	600.00
13	Abrasion value Apps.	1	80,232.00
14	Soundness Test Apps.	1	540.00
15	Enamel Tray 600X450X50mm	1	3,750.00
16	Enamel Tray 450X300X40mm	1	1,750.00
17	Trowel	3	3,360.00
18	Plastic Measuring Jar 1000 ml	1	1,500.00
19	Plastic Measuring Jar 500 ml	1	750.00
20	Plastic Measuring Jar 250 ml	1	350.00
21	Plastic Measuring Jar 100 ml	1	125.00
22	Sieve 80mm, 40mm, 20mm, 10mm, 150 mic, 75 mic	6	2,226.00
23	Slump Cone	1	2,910.00
24	Compression Testing Machine	1	65,000.00
25	Air Permeability Apparatus	1	2,750.00
26	Le-chatlier Mould	1	2,700.00

27	Le-chatlier Flask	1	1,200.00
28	Thickness Gauge	1	2,750.00
29	Length Gauge	1	2,750.00
30	Vibrating Table	1	56,100.00
31	Vicat's App.	1	2,800.00
32	100 ml Measuring Cylinder	2	420.00
33	250 ml Measuring Cylinder	2	960.00
34	500 ml Measuring Cylinder	1	780.00
35	1000 ml Measuring Cylinder	1	960.00
36	Crushing Cube Sampler	1	8,900.00
37	Final Setting Time Needle	1	7,800.00
38	Sieve 1.70 mm	1	450.00
39	Sieve 12.5 mm	1	240.00
40	Pan 2	2	180.00
41	Shovel	2	260.00
42	Water Bath	1	7,500.00
43	Rack	2	2,850.00
45	75 Micron Sieve	1	720.00
46	90 Micron Sieve	1	720.00
48	Portable Platform	1	8,000.00
49	Showell	1	450.00
50	Cylindrical Metal Measurement	1	8,550.00
51	Portable Platform	1	8,000.00
52	Cylinder Mould	1	3,600.00
53	Sieve Set	1	4,500.00
	Total:-		368,370.00

Environment Engineering Lab

Sr. No.	Name of Equipment	Quantity	Amount
1	Turbidity Meter	1	15,800.00
2	Chloroscope	1	13,500.00
3	Colorimeter	1	13,500.00
4	Water Destination Unit	1	9,800.00
5	Titration Equipment	1	7,800.00
6	Digital Balance	1	8,900.00
7	Filter Paper Rim	1	1,350.00
8	Porcelain Dish	4	1,440.00
9	Measuring Cylinder	3	420.00
10	Hot Air Oven	1	13,500.00
11	Jar Test Apparatus	1	29,800.00
12	D.O. Meter	1	13,500.00
13	Titration Equipment	3	13,500.00
14	BOD Incubator (Digital)	1	74,800.00

15	Titration Equipment	1	4,500.00
16	BOD Bottle-100ml	6	2,160.00
17	COD apparatus	1	41,500.00
18	High Volume Sampler	1	89,400.00
19	pH Meter (Pocket Tester)	1	10,800.00
20	TDS Meter	1	12,500.00
21	Burette	6	1,350.00
22	Mesuring Cylinder	2	1,260.00
23	Pipette	4	432.00
24	Glass Stirrer	4	108.00
	Total:-		381,620.00

Geotechnical Lab

Sr. No.	Name of Equipment	Quantity	Amount
1	Triple Beam Balance	1	3,250.00
2	Weight Box	1	750.00
3	Soil Sampler	1	2,450.00
4	Compaction Proctor Test	1	6,240.00
5	Sand Absorption Cone & Tamper	1	2,000.00
6	Dial Gauge	1	3,000.00
7	Rammer	1	9,120.00
8	C.B.R. Mould	1	11,500.00
9	425 Mic. Sieve	1	525.00
10	90 Mic. Sieve	1	700.00
11	Liquid Limit Test	1	2,892.00
12	Electronics Weighing Balance	1	29,700.00
13	Vane Shear Apparatus	1	8,592.00
14	C.B.R. Test Apparatus	1	43,775.00
15	Proving Ring	1	10,980.00
16	Shrinkage Limit	1	750.00
17	Core Cutter	1	8,772.00
18	Pycnometer	1	675.00
19	Direct Shear Apparatus	1	44,361.00
20	LCD Projector	1	30,000.00
21	Shrinkage Limit Kit	1	5,035.00
22	Pycnometer	1	460.00
23	Permeability Test Apparatus	1	21,000.00
24	250 ml Measuring Jar Glass	1	480.00
25	250 ml Measuring Jar Plastic	1	280.00
26	1000 ml Measuring Jar Glass	1	980.00
27	1000 ml Measuring Jar Plastic	1	780.00
28	Triaxial Test Apparatus	1	163,000.00
29	Core Cutter	1	3,600.00

30	Liquid Limit Apparatus	1	9,800.00
31	Container	6	168.00
32	Steel Cup Board	1	15,015.00
33	Rack	1	2,850.00
34	Metallic ores set of 20	1	7,200.00
35	Metallic ores set of 50	1	14,500.00
36	Chemical Balance	1	1,450.00
37	Direct Shear Dial Gauge	1	1,500.00
38	Permeability Tube	2	10,400.00
	Total:-		478,530.00

Engineering Mechanics Lab

Sr. No.	Name of Equipment	Quantity	Amount
1	Universal Force Table	1	4,720.00
2	Polygon of forces App.	1	1,120.00
3	Parallel force App.	1	1,480.00
4	Simple Jib Crane	1	1,120.00
5	PulleEy Block	1	800.00
6	Friction Slide App.	1	770.00
7	Wheel & Differential axle	1	1,200.00
8	Winch Crab Single purchase	1	3,600.00
9	Winch crab Double Purchase	1	4,320.00
10	Worm & worm wheels	1	1,640.00
11	Screw Jack	1	1,800.00
12	Law of Moments	1	1,080.00
13	Differential pulley block model	1	650.00
14	Slotted weight		
	a) 5 gm	2	50.00
	b) 10 gm	2	80.00
	c) 20 gm	2	116.00
	d) 50 gm	2	240.00
	e) 100 gm	2	480.00
15	Pulley block	1	800.00
16	Friction Slide App.	1	1,300.00
17	Pulley Demonstration set	1	4,100.00
18	Weston's Differential set	1	5,600.00
19	Sliding Clamp Pulley	1	300.00
20	Tubular Spring Balance	1	700.00
21	Extension Spring Balance	1	200.00
22	Plain Cupboard	1	19,088.00
23	Universal Force Table	1	13,500.00
24	Inclinedslide with compete set	1	6,300.00
25	Jib Crane	1	6,300.00

26	Law of Moments	1	5,800.00
27	Simply Supported Beam Reaction app.	1	12,500.00
28	Screw Jack	1	6,800.00
30	Slotted Wets 5 Gram	1	220.00
31	10 Gram	1	260.00
32	20 Gram	1	630.00
33	500 Gram	1	980.00
34	1000 Gram	1	3,600.00
	Total:-		114,244.00

Mechanics of Structure Lab

Sr. No.	Name of Equipment	Quantity	Amount
1	Universal Testing Machine (20 Ton) Computerized	1	435,000.00
2	Torsion Testing Machine	1	165,000.00
3	Hardness Testing Machine-Brinell	1	105,000.00
4	Hardness Testing Machine-Rockwell	1	63,000.00
5	Charpy Izod Test	1	198,000.00
6	Abrasion testing machine	1	163,000.00
7	Extensometer (Digital)	1	163,000.00
8	Steel Tape	1	270.00
9	Vernier Caliper	1	1,800.00
10	H.P. Laser Jet P1008 Printer	1	7,300.00
11	HP CPU	1	20,000.00
12	Flexural Testing Machine	1	63,900.00
	Total:-		1,385,270.00

Model Room

Sr. No.	Name of Equipment	Quantity	Amount
1	Model of Staircase		
	a) Dog Legged Stair	1	1,500.00
	b) Bifurcated Stair	1	2,280.00
2	Model of Bricks	1	600.00
3	Two Storied Building	1	7,080.00
4	a) Steel sheet pile	1	900.00
	b) Screw pile	1	1,200.00
	c) Timber pile	1	660.00
5	Two Rooms & Verandah	1	3,000.00
6	Suppressed Weir	1	2,520.00
7	Spillway Gate	1	2,040.00
8	Fish Ladder	1	1,920.00
9	Saddle Syphon Spillway	1	2,280.00
10	Sedimentation Tank	1	2,760.00
11	Septic Tank	1	1,800.00

12	Flocculator	1	2,700.00
13	a) Fully Paneled door	1	1,440.00
	b) Half Paneled door	1	1,440.00
14	Plate Girder Bridge	1	7,800.00
15	Stone Arch	1	4,200.00
16	Model of Foundation's	1	6,300.00
17	Types of Trusses	1	15,800.00
18	T Beam & Slab Reinforcement	1	13,500.00
19	Diversion head work	1	14,200.00
20	DT Dell Desk Top	1	39,047.00
21	White Board	1	3,133.00
22	HP Laser Printer 1020	1	6,250.00
23	Book Case	1	9,562.00
24	Plain Cupboard	1	1,666.00
25	HP Computer	1	24,000.00
26	Steel Cup Board	1	15,015.00
27	Bay Window	1	3,600.00
28	Louvered Window	1	3,600.00
29	Casement Window	1	3,600.00
30	Bifurcated Window	1	3,600.00
31	Sand Filter	1	8,900.00
32	Pneumatic Window	1	8,900.00
33	Diamond & Junction	1	18,000.00
34	Spiral Staircase	1	4,800.00
35	Suspension Bridge	1	9,800.00
36	Bascule Bridge	1	13,500.00
37	Undreamed Pile	1	9,800.00
38	K. T. Weir	1	5,400.00
39	Labyrinth Weir	1	5,400.00
	Total:-		295,493.00

Hydraulics Lab

Sr. No.	Name of Equipment	Quantity	Amount
1	Bourdon tube pressure	1	9,001.00
2	Cup Type Water meter	1	21,501.00
3	Rectangular & Triangular Notch	1	33,801.00
	Total:-		64,303.00

Surveying Lab

Sr. No.	Name of Equipment	Quantity	Amount
1	Measuring Chain 30M With Arrows	2	1,270.00
2	Prismatic Compass with Wooden Stand	2	2,400.00
3	Surveyor Compass	1	1,084.00
4	Tilting Level with Stand	1	5,500.00

5	Aluminium Levelling Staff 4 M telescopic	4	6,000.00
6	Plane Table with all accessories	1	3,500.00
7	Optical Square	1	635.00
8	Ranging Rod	4	1,200.00
9	Cross Staff 4'' Brass with Pole	3	900.00
10	Line Ranger	1	400.00
11	Theodolite	1	17,500.00
12	Metallic Tape (30M)	2	730.00
13	Ranging Rod	6	1,800.00
14	Theodolite	1	19,000.00
15	Auto Level	3	48,000.00
16	Measuring Chain (30M)	2	3,360.00
17	Aluminum Staff	4	4,800.00
18	Cross Staff	2	1,350.00
19	Plane Table with all accessories	2	9,200.00
20	Surveyors Compass	2	4,240.00
21	Digital Planimeter	1	35,000.00
22	Prismatic Compass	3	5,100.00
23	Ranging Rod	10	5,500.00
24	Abny Level	1	750.00
25	Optical Square	1	795.00
26	Auto Level	1	8,800.00
27	Ranging Rod	10	2,300.00
28	Metric Chain (30M)	2	1,800.00
29	Optical Square	2	680.00
30	Prismatic Compass	2	4,300.00
31	Plane Table with accessories	2	12,000.00
32	Vernier Theodolite (20 sec)	1	14,200.00
33	Abny Level	1	950.00
34	All Aluminum Leveling Staff	2	2,350.00
35	Tilting Level & Aluminum Folding Stand	1	5,800.00
36	Total Station	1	270,000.00
37	Theodolite 1' Second	2	199,200.00
38	Tilting Level	1	8,900.00
39	Lab Table	3	23,400.00
40	Rack	1	2,850.00
41	Steel Cup Board	1	15,015.00
42	Polar Planimeter	1	4,500.00
43	Cross Staff Stand	1	450.00
44	Ranging rod	10	3,150.00
45	30 M. Tape	1	630.00
46	20 M. Tape	1	450.00

47	Chain	1	1,350.00
48	Ranging Rods	10	7,800.00
49	Spirit Level	5	900.00
50	Theodolite Bubble Tube	4	720.00
51	Total Station tripod Stand	1	7,800.00
52	Reflector Stand	2	4,900.00
	Total		785,209.00

COMPUTER DEPARTMENT LABORATORY INFORMATION

Sr. No.	Name of Laboratory	No. of Equipments	Amount
1	Computer Lab1	13	2,442,625.00
2	Computer Lab 2	22	2,246,074.00
3	COMPUTER LAB3	9	2,414,115.00
4	COMPUTER LAB 5	15	2,093,975.00
TOTAL			9,196,789.00

Computer Lab1 Networking Lab

Sr. No.	Particulars	Available	Cost
1	HP Desktop Elite Desk 800 G1 TWR (i5)	35	1,356,250.00
2	HP LaserJet 1010	1	6,250.00
3	HP LaserJet MI005MFP Printer	1	13,400.00
4	AC – LG	2	62,200.00
5	AC - Blue Star	1	38,500.00
6	UPS (40 KVA)	1	83,200.00
7	Furniture	0	469,700.00
8	500 GB External Hard disk	1	3,000.00
9	Speaker	1	600.00
10	Revolving chairs (without hand)	50	123,750.00
11	Network Switch	5	238,600.00
12	Exhaust Fan	1	4,195.00
13	DDR 4GB RAM (18%Gst)	35	42,980.00
			2,442,625.00

Computer Lab 2 Microprocessor Lab

1	HP Laserjet 1020 plus printer	1	6,350.00
2	Switch 24 ports	1	29,000.00
3	LCD projector BENQ	1	50,000.00
4	LG ACs	2	62,200.00
5	BlueStar AC	1	38,500.00
6	LapTop Dell	1	43,000.00
7	External HDD	1	4,500.00
8	Furniture	0	469,700.00
9	HP compaq 8200 Elite	30	945,454.00

10	HP Laser Jet P 1008	1	7,300.00
11	Blower	1	900.00
12	Rolling Chairs	50	123,750.00
13	Catyalist Express 500 switch	4	116,000.00
14	15U RACK WITH STANDARD	1	17,200.00
15	External DVD Writer	1	1,725.00
16	LAN Tester	1	1,100.00
17	LAN Card	1	350.00
18	Crimpting Tool	2	1,700.00
19	DDR3 4 GB RAM	32	39,270.00
20	Dell Optiplex System	6	244,650.00
21	Dell Optiplex System	1	37,175.00
22	HP Mono laser Jet 1020+	1	6,250.00
			2,246,074.00
COMPUTER LAB 3 Software Testing Lab.			
1	COMPUTER REVOLVING CHAIR	38	53,200.00
2	AC BLUE STAR	1	38,500.00
3	AC LG	2	62,200.00
4	FURNITURE	0	469,700.00
5	LCD Projector	1	32,040.00
6	DELL OPTIPLEX 7010	36	1,476,000.00
7	DVD WRITER	1	1,725.00
8	DDR3 4 GB RAM	35	42,980.00
9	Senses Smart Board	1	237,770.00
			2,414,115.00
COMPUTER LAB 5 Programming Lab.			
1	HP LaserJet1022	1	9,750.00
2	HP Computer -Processor- Intel(R)with DVD	8	235,200.00
3	HP Computer -Processor- Intel(R)without	22	627,000.00
4	Furniture	0	384,800.00
5	Able Managed Switch	2	62,666.00
6	HP Laserjet1020+Printer	1	6,666.00
7	Hp Laserjet M1005 Printer	1	11,714.00
8	External hard Disk	1	5,714.00
9	External DVD	1	1,890.00
10	Revolving Chairs CS-21	3	7,200.00
11	Dell Computer -Processor- Intel(R)-i5-3470	11	429,517.00
12	canon printer -colour ix6770	1	14,800.00
13	Senses Smart Board	1	237,770.00
14	DDR3 4 GB RAM	21	25,788.00
15	Benq Projector	1	33,500.00
			2,093,975.00

Information Technology Department Laboratory Information			
Sr.No.	Name of Laboratory	No of Major Equipments	Amount
1	ELECTRICAL LAB	66	580,858.00
2	PROGRAMMING LAB	22	2,497,141.00
3	PROJECT LAB	5	581,432.00
4	PROGRAMMING LAB 2	6	416,533.00
5	HARDWARE LAB	3	74,716.00
	Total Cost		4,150,680.00
ELECTRICAL LAB			
Sr.No.	Particulars	Quantity	Cost
1	Single phase X' mer 1KVA	2	15,998.00
2	1Phase 8A Dimmer stat 0-270	3	16,752.00
3	3 phase 8A Dimmer stat (0-470V)	2	36,380.00
4	Wattmeter (0-600V)	3	7,335.00
5	AC Ammeter (0-2A)	4	6,044.00
6	AC Ammeter (0-5A)	4	6,044.00
7	AC Ammeter(0-10A)	4	6,044.00
8	DC Ammeter (0-2A)	4	6,932.00
9	DC Ammeter (0-5A)	4	6,932.00
10	DC Ammeter (0-10A)	1	1,733.00
11	AC Voltmeter (0-600V)	2	3,436.00
12	AC Voltmeter (0-300V)	4	6,872.00
13	DC Voltmeter (0-300V)	4	7,212.00
14	DC Voltmeter (0-600V)	4	6,280.00
15	3Phase Ac Squirrel Cage Induction Motor	1	15,180.00
16	DC Motor with BDA 1500 Rpm	1	10,415.00
17	3Phase Ac Squirrel Cage Induction Motor with DC Gener	1	28,395.00
18	Three Point Starter	1	1,750.00
19	DOL Starter	2	3,500.00
20	2 KVA 300V Variable Inductor	1	7,500.00
21	Dual Power Supply (0-230V 2A)	4	19,000.00
22	Analog Tachometer	1	8,500.00
23	Rheostat 100 ohm/ 5Amp	2	9,700.00
24	Rheostat 200 ohm/ 2Amp	2	6,400.00
25	Rheostat 300 ohm/ 1Amp	2	2,560.00
26	DMM 8200,DI 1890 Series	5	8,250.00
27	Digital Multi Meter 603	6	6,210.00
28	Digital Clamp meter	4	1,071.00
29	Digital Tachometer	4	1,561.00

30	Single phase KWh meter	4	300.00
31	Earth tester	4	4,438.00
32	Rheostat 35Ω 10A	1	4,850.00
33	30 Mhz dual Trace oscilloscope (make –scientific 410)	1	22,000.00
34	8085Microprocessor kits	9	25,650.00
35	DC Power supply 5v	9	13,050.00
36	8086 programming kits	3	20,700.00
37	DC Power supply	3	25,200.00
38	8255 Peripheral kit	1	1,800.00
39	8253Peripheralkit	1	1,800.00
40	8257 Peripheral kit	1	1,800.00
41	8259 Peripheral kit	1	1,800.00
42	8279 Peripheral kit	1	1,800.00
43	Stepper motor controller Card consisting of manual	1	2,975.00
44	Stepper motor DC Study card	1	1,950.00
45	ADC Interface study card consisting of manual	1	1,250.00
46	DAC Interface study card consisting of manual	1	1,050.00
47	AD-DA Study card	1	1,800.00
48	8155 Peripheral study card	1	1,800.00
49	Converter card for 8085	1	850.00
50	DC Power supply	1	1,450.00
51	8051 Micro controller Kit with power supply & key board	2	11,898.00
52	8051 Micro controller Kit with power supply & key board	2	12,500.00
53	8051 Microprocessor Trainer Kit	1	7,700.00
54	8255 interfacing Kit	1	2,000.00
55	DAC interfacing Kit	1	1,200.00
56	ADC interfacing Kit	1	1,200.00
57	Stepper motor interfacing Kit	1	3,000.00
58	8085 Microprocessor Trainer Kit	5	18,000.00
59	8051 Microprocessor Trainer Kit with power supply	4	40,000.00
60	DAC interfacing Kit	1	1,800.00
61	ADC interfacing Kit	1	1,800.00
62	Traffic interfacing Kit	1	800.00
63	Computer	1	24,000.00
64	computer	1	24,000.00
65	computer	1	24,000.00
66	Hikvision Dome Camera	1	4,661.00
	Total cost		580,858.00

Programming Lab

Sr.No.	Particulars	Quantity	Cost
1	Mitsubhishi XD-550 DLP Projector	1	52,631.00
2	Chiars	50	99,562.00
3	External DVD WRITER	1	2,200.00
4	Chairs 4	4	8,550.00
5	PC-HP Compaq Business Desktop	45	1,632,150.00
6	Printer HP Laser Jet 1007P	2	11,700.00
7	Projector EIKI 1	1	32,500.00
8	AC Blue Star 3	3	144,953.00
9	UPS 1	1	162,750.00
10	Battery	30	85,500.00
11	Switch 1	1	113,887.00
12	HP Laser Jet-1020	1	6,250.00
13	LAN TESTER,CRIMPING TOOL 1 3750 Yes Yes 16/08/2019 Update Delete	1	3,750.00
14	External HARD DISK 1 4286 Yes Yes 16/08/2019 Update Delete	1	4,286.00
15	Dell PC 1 39047 Yes Yes 16/08/2019 Update Delete	1	39,047.00
16	Ext DVD WRITER 1 1725 Yes Yes 16/08/2019 Update Delete	1	1,725.00
17	Canon E-510 Scanner 1 5800 Yes Yes 16/08/2019 Update Delete	1	5,800.00
18	LaptoP Lenova 1 49400 Yes Yes 16/08/2019 Update Delete	1	49,400.00
19	GSM TRAINER KIT	1	40,500.00
	Total Cost		2,497,141.00
Project Lab			
Sr.No.	Particulars	Quantity	Cost
1	Dell Computer	4	117,936.00
2	Dell	10	278,250.00
3	enova,HP	4	119,700.00
4	Dell	2	59,696.00
5	HP Laserjet P1007	1	5,850.00
	Total Cost		581,432.00
Programming Lab			
Sr.No.	Particulars	Quantity	Cost
1	Dell Computer	11	302,061.00
2	Projector	1	32,040.00
3	Audio System	1	16,767.00
4	Smart Board	1	30,740.00
5	Screen Board	1	5,000.00
6	Lenova PC	1	29,925.00
	Total Cost		416,533.00

Comp Hardware Lab			
Sr.No.	Particulars	Quantity	Cost
1	White Board	1	2,500.00
2	HP Machine	2	52,216.00
3	chairs	10	20,000.00
	Total Cost		74,716.00

E & T/C DEPARTMENT LABORATORY INFORMATION			
Sr. No	Name of Laboratory	No of Major Equipment	Amount
1	Electrical Lab	31	268,724.00
2	Hardware Lab	32	280,623.00
3	ELECTRONICS & COMMUNICATION LAB - 2	69	1,058,655.00
4	ELECTRONICS & COMMUNICATION LAB - 1	56	446,084.00
5	VIRTUAL LEARNING CENTER (VLC)	7	343,416.00
6	INSTRUMENTAION & CONTROL SYSTEM LAB	42	577,720.00
7	DIGITAL ELECTRICINICS LAB	20	138,867.00
8	PROJECT LAB	10	193,250.00
TOTAL			3,307,339.00

Electrical Lab			
Sr. No	Particulars	Available	Cost
1	Single phase X' mer 1KVA	2	15,998.00
2	1Phase 8A Dimmer stat 0-270	3	16,752.00
3	3 phase 8A Dimmer stat 0-470V	2	36,380.00
4	Wattmeter150/300/600V	3	7,335.00
5	AC Ammeter(o-1-2A)	4	6,044.00
6	AC Ammeter(o-25-5A)	4	6,044.00
7	AC Ammeter(o-5-10A)	4	6,044.00
8	DC Ammeter (0-1-2A)	4	6,932.00
9	DC Ammeter (0-2.5-5A)	4	6,932.00
10	DC Ammeter (0-5-10A)	1	1,733.00
11	AC Voltmeter(0-300-600V)	2	3,436.00
12	AC Voltmeter(0-150-300V)	4	6,872.00
13	DC Voltmeter(0-150-300V)	4	7,212.00
14	DC Voltmeter(0-300-600V)	4	6,280.00
15	3 Phase Induction Motor	1	15,180.00
16	1500 RPM DC Motor With BDA	1	10,415.00
17	3Phase AC Squirrel care DC G.	1	28,395.00
18	Three Point starter	1	1,750.00
19	DOL Starter	2	3,500.00
20	2 KVA 300V Variable Inductor	1	7,500.00
21	Dual Power Supply 0-230V2A	4	19,000.00

Electrical Lab			
Sr. No	Particulars	Available	Cost
1	Single phase X' mer 1KVA	2	15,998.00
2	1Phase 8A Dimmer stat 0-270	3	16,752.00
3	3 phase 8A Dimmer stat 0-470V	2	36,380.00
4	Wattmeter150/300/600V	3	7,335.00
5	AC Ammeter(o-1-2A)	4	6,044.00
6	AC Ammeter(o-25-5A)	4	6,044.00
7	AC Ammeter(o-5-10A)	4	6,044.00
8	DC Ammeter (0-1-2A)	4	6,932.00
9	DC Ammeter (0-2.5-5A)	4	6,932.00
10	DC Ammeter (0-5-10A)	1	1,733.00
11	AC Voltmeter(0-300-600V)	2	3,436.00
12	AC Voltmeter(0-150-300V)	4	6,872.00
13	DC Voltmeter(0-150-300V)	4	7,212.00
14	DC Voltmeter(0-300-600V)	4	6,280.00
15	3 Phase Induction Motor	1	15,180.00
16	1500 RPM DC Motor With BDA	1	10,415.00
17	3Phase AC Squirrel care DC G.	1	28,395.00
18	Three Point starter	1	1,750.00
19	DOL Starter	2	3,500.00
20	2 KVA 300V Variable Inductor	1	7,500.00
21	Dual Power Supply 0-230V2A	4	19,000.00

Electrical Lab			
Sr. No	Particulars	Available	Cost
1	Single phase X' mer 1KVA	2	15,998.00
2	1Phase 8A Dimmer stat 0-270	3	16,752.00
3	3 phase 8A Dimmer stat 0-470V	2	36,380.00
4	Wattmeter150/300/600V	3	7,335.00
5	AC Ammeter(o-1-2A)	4	6,044.00
6	AC Ammeter(o-25-5A)	4	6,044.00
7	AC Ammeter(o-5-10A)	4	6,044.00
8	DC Ammeter (0-1-2A)	4	6,932.00
9	DC Ammeter (0-2.5-5A)	4	6,932.00
10	DC Ammeter (0-5-10A)	1	1,733.00
11	AC Voltmeter(0-300-600V)	2	3,436.00
12	AC Voltmeter(0-150-300V)	4	6,872.00
13	DC Voltmeter(0-150-300V)	4	7,212.00
14	DC Voltmeter(0-300-600V)	4	6,280.00
15	3 Phase Induction Motor	1	15,180.00
16	1500 RPM DC Motor With BDA	1	10,415.00
17	3Phase AC Squirrel care DC G.	1	28,395.00
18	Three Point starter	1	1,750.00
19	DOL Starter	2	3,500.00
20	2 KVA 300V Variable Inductor	1	7,500.00
21	Dual Power Supply 0-230V2A	4	19,000.00

22	Anlog Tachometer (0-3000 RPM)	1	8,500.00
23	Rheostat 100ohm/5A	2	9,700.00
24	Rheostat 200ohm/2A	2	6,400.00
25	Rheostat 300 ohm 1A	2	2,560.00
26	DMM8200,DI 1890 Series	5	8,250.00
27	Digital Multimeter	6	6,210.00
28	Digital Clamp Meter	1	1,071.00
29	Digital tachometer	1	1,561.00
30	Single Phase KWH meter	1	300.00
31	Earth Tester set	1	4,438.00
			268,724.00
Hardware Lab			
1	8085Microprocessor kits	9	25,650.00
2	DC Power Supply 5V	9	13,050.00
3	8086 Programming Kit	3	20,700.00
4	DC Power Supply	3	25,200.00
5	8255 Peripheral Kit	1	1,800.00
6	8253 Peripheral Kit	1	1,800.00
7	8257 Peripheral Kit	1	1,800.00
8	8259 Peripheral Kit	1	1,800.00
9	8279 Periphara Kit	1	1,800.00
10	Stepper motor controller card m.	1	2,975.00
11	Stepper motor DC Study card	1	1,950.00
12	ADC Interface Study card M.	1	1,250.00
13	DAC Interface Study card M.	1	1,050.00
14	AD-DA Study card	1	1,800.00
15	8155 Peripheral Study card	1	1,800.00
16	Converter card for 8085	1	850.00
17	DC Power Supply	1	1,450.00
18	8051 Micro controller Kit & P.S.B.	2	11,898.00
19	8051 Micro controller Kit& P.S.B.	2	12,500.00
20	8051 Microprocesor Trainer Kit	1	7,700.00
21	8255 Interfacing Kit	1	2,000.00
22	DAC interfacing Kit	1	1,200.00
23	ADC interfacingKit	1	1,200.00
24	Stepper Motor Interfacing Kit	1	3,000.00
25	8085 Microprocesor Trainer Kit	5	18,000.00
26	8051 Mcro.Trainer Kit With P.S.	4	40,000.00
27	DAC Interfacing Kit	1	1,800.00
28	ADC Interfacing Kit	1	1,800.00
29	Traffic Interfacing Kit	1	800.00
30	Computer	1	24,000.00

31	Computer	1	24,000.00
32	Computer	1	24,000.00
			280,623.00
ELECTRONICS & COMMUNICATION LAB - 2			
1	Regulated Power Supply(0-32V/1	4	20,904.00
2	Regulated power supply(Dual O/P)	5	56,640.00
3	Function Generator / Counter	1	11,387.00
4	AM/FM Signal generator	1	19,529.00
5	Distortion & Level meter	1	11,611.00
6	Color pattern generator	1	4,850.00
7	Function generator (FG-8005A)	2	11,000.00
8	Digital multimeter	6	9,000.00
9	20MHz dual trace Oscilloscope	4	65,992.00
10	Dimmer statt	1	3,580.00
11	AF-RF generator with MOD	2	6,700.00
12	Field strength meter signal channel	1	3,600.00
13	Digital multi meter M-61	1	1,650.00
14	1MHz function generator(ST-4060)	2	14,374.00
15	Fibre optics trainer(ST-2501)	1	20,706.00
16	Color TV trainer(ST-2651)	1	28,644.00
17	1MHz function generator(ST-4060)	2	12,420.00
18	Voltage & Fault Analysis of Hi-Fi amplifier	1	8,750.00
19	Hi-Fi amplifier trainer kit	1	6,200.00
20	20 Mhz dual trace osc.	1	17,600.00
21	Study of PAM kit	1	7,200.00
22	Study of PWM kit	1	6,500.00
23	Study of PPM kit	1	7,800.00
24	Study of PCM Mod & Demo kit	1	10,500.00
25	Study of Delta Mod kit	1	8,300.00
26	Study of adaptive delta mod kit	1	8,700.00
27	Study of ASK Mod & Demo kit	1	5,100.00
28	Study of FSK Mod & Demo kit	1	6,500.00
29	Study of PSK/BPSK Mod & Demo kit	1	7,400.00
30	Study of QPSK Mod & Demo kit	1	10,300.00
31	Study of QAM Mod & Demod kit	1	11,500.00
32	Error detection & correction using Harming codes	1	11,300.00
33	Study of FDM/Demultiplexing system	1	11,300.00
34	Generation of lines code & decoder	1	6,500.00
35	VCD trainer kit	1	11,700.00
36	25 MHz Digital Storage Oscilloscope	1	22,500.00
37	30MHz 4 trace Two channel Oscilloscope M-803	2	35,200.00
38	EPABX system for 8 extension	1	8,407.00

39	Cordless phone beetlel	1	995.00
40	Crone tools	1	1,200.00
41	Crone box	1	1,800.00
42	Crystal FLT Unit	1	5,500.00
43	LAMBDA make microwave test bench set	1	79,000.00
44	GSM trainer sigma make	1	38,250.00
45	Amplitude modulation & demodulation	1	6,900.00
46	Frequency modulation & demodulation	1	8,200.00
47	Standard test on superheterodyne receiver	1	10,200.00
48	Study & fault finding of superheterodyne receiver	1	10,200.00
49	Phase discriminator & ratio detect	1	8,700.00
50	Antenna radiation pattern for Yagi Antenna	1	14,400.00
51	AM transmitter	1	10,400.00
52	FM Receiver	1	10,200.00
53	Standard test on superheterodyne receiver	1	10,200.00
54	2MHz Micro. function gen.	2	16,000.00
55	LCD Projector	1	70,720.00
56	Mobile Phone trainer kit	1	41,175.00
57	Sensitivity test kit	1	8,500.00
58	Selectivity test kit	1	8,500.00
59	Fidelity test kit	1	8,500.00
60	Waveform study of AM receiver	1	6,500.00
61	Colour Pattern Generator	1	8,250.00
62	Digital Multimeter	2	2,650.00
63	Cordless Mike	1	3,633.00
64	ADPCM KIT	1	25,000.00
65	Desktop PC	1	39,043.00
66	CDMA-DSSS kit	1	23,500.00
67	FHSS Modem	1	19,900.00
68	Hikvision Dome Camera	1	1,950.00
69	Scientech 110 Universal Dev. VLSI kit	1	26,845.00
			1,058,655.00
ELECTRONICS & COMMUNICATION LAB - 1			
1	20MHZ Cathod Ray Oscilloscope	3	50,550.00
2	Digital Multimeter	4	6,200.00
3	Regulated DC power supply	7	25,760.00
4	Analog Multimeter	5	2,425.00
5	Reico Tester Multimeter	1	550.00
6	DC Ammeter (0 to 100uA)	5	2,250.00
7	DC Ammeter (0 to 100mA)	5	2,250.00
8	DC Ammeter (0 to 50mA)	5	2,250.00
9	Dc Ammeter (0 to 1mA)	5	2,250.00

10	DC Voltmeter (0 to 10V)	5	2,250.00
11	DC Voltmeter (0 to 30V)	5	2,250.00
12	DC Voltmeter (0 to 50V)	5	2,250.00
13	DC Voltmeter (0 to 100V)	5	2,250.00
14	Rheostat 500 ohm 1 Amp	1	1,380.00
15	Experimental Kit	27	18,900.00
16	piyano amplifier machine	1	-
17	Sine Square oscillator/Function Generator	2	7,000.00
18	Digital Multimeter	2	3,300.00
19	1MHz function generator 4060	2	14,374.00
20	2MHz AM/FMPulse generator	1	8,455.00
21	Computer with all accessories	1	-
22	1MHz function generator 4060	2	12,420.00
23	Digital Multimeter M-52	4	3,420.00
24	Rectifier with filter	1	2,250.00
25	Power supply trainer (NV-6003)	1	5,850.00
26	Function generator trainer (NV-71)	1	5,850.00
27	20MHz dual trace oscilloscope	2	35,200.00
28	3 MHZ Micro controller Based Function generator	2	16,000.00
29	30 MHZ 2 Channe l4 Trace CRO	3	52,800.00
30	60 MHZ Digital Storage Oscilloscope	1	20,950.00
31	Keyboard	1	-
32	Mouse	1	-
33	Hard Disk	1	-
34	Ram	1	-
35	Monitor	1	-
36	3 1/2 Digital Multimeter	2	2,650.00
37	Switching Characteristics of BJT	1	3,800.00
38	I/P & O/P Characteristics of CE Configuration With Power Supply	1	2,800.00
39	Frequency Response of two Stage RC coupled Amplifier	1	2,500.00
40	Frequency Response of Single Stage tuned Amplifier	1	3,000.00
41	RC Phase shiFt Oscillator	1	2,500.00
42	Fixed Voltage Regulator Using78xx	1	2,500.00
43	Dual Voltage Regulator	1	2,500.00
44	High Voltage Regulator Using ICLM723	1	2,500.00
45	Plot o/p Characteristics of power transistor	1	3,200.00
46	VI characteristics of IGBT	1	3,500.00
47	Determine the break over voltage Using Diac	1	2,500.00
48	V_ I Characteristic of SCR	1	2,500.00
49	R-RC Triggering CIrcuit	1	4,000.00
50	UJT Triggering CIrcuit	1	3,200.00

51	3 Phase Half Wave Rectifier Using Diode	1	6,000.00
52	Draw the output Wave forms of Half wave Controlled rectifier with restive load And determine load voltage	1	7,000.00
53	Draw the output Wave forms of Full wave Controlled rectifier with restive load And determine load voltage	1	7,700.00
54	Effects of firing angle Using Diac & Triac	1	7,500.00
55	LCR Q Meter Scientific Make	1	23,850.00
56	Desktop PC	1	38,750.00
			446,084.00
VIRTUAL LEARNING CENTER (VLC)			
1	1.8 Meter EXT.C Band Antenna with feed 1.8 Meter EXT.C Band Antenna reflector	5	31,478.00
2	Power supply, UPS, Online, 1KVA	1	47,118.00
3	Handycam, MINDIV, W?Tripod, PAL Camcorder	1	27,660.00
4	Wireless Microphone(UHF) with receiver unit	3	14,419.00
5	Speaker with ampr, audio ampr system,	4	12,589.00
6	Screen wall type with spring	1	1,620.00
7	Computer, projector, IDU, ORU, LNB, IFL Cable, VGA+ other cable box, LAN Cable	6	208,532.00
			343,416.00
INSTRUMENTAION & CONTROL SYSTEM LAB			
1	Study of Resistance type strain gauge with digital meter	1	4,990.00
2	Study of Thermocouple Thermister RTD chars.	1	8,830.00
3	Study of Pressure transducer with bourdon tube oressure gauge	1	8,950.00
4	Study of LVDT	1	5,390.00
5	Study of synchro-transmitter recever	1	10,750.00
6	Study of piezo electric transducer	1	2,650.00
7	Study of LDR	1	2,650.00
8	Angular measurement with capacitive pick up	1	2,990.00
9	Study of ON / OFF controller	1	5,990.00
10	AC position Servo-mechanism	1	11,950.00
11	PID Controller	1	14,950.00
12	Op-amp based PID trainer	1	2,750.00
13	Strain gauge for weight measuremennt	1	6,950.00
14	LVDT for displacement measurement	1	6,550.00
15	Thermo-couple characteristics	1	5,250.00
16	Pressure Measurement	1	9,500.00
17	Speed Measurement	1	9,350.00
18	Force Measurement	1	9,500.00
19	Flow Measurement	1	13,500.00

20	Level Measurement	1	13,500.00
21	Capacitive Transducer	1	6,550.00
22	Pressure gauge tester	1	36,900.00
23	RTD Tehrmo-Couple	1	13,500.00
24	Tachometer contact type / Non cvontact type	1	2,250.00
25	Hygrometer	1	3,600.00
26	Study of potentiometer as error detector CE-19	1	5,350.00
27	Synchro as Error detector CE-6b	1	13,190.00
28	D.C. Position Control system CE-2	1	13,650.00
29	PID Controller analog type CE-8	1	17,750.00
30	Strain gauge module IT-6	1	7,250.00
31	I & II Order	1	2,150.00
32	Pressure measurement using bourdon tube	1	3,750.00
33	Optical encoder for angle measurement IT-31	1	19,550.00
34	Liner Variable differential transformer	1	7,290.00
35	Study of temperature sensor IT-15	1	11,190.00
36	30MHZ dual trace Oscilloscope	1	17,250.00
37	3 1/2 Digits Handheld DMM	2	2,650.00
38	1MHZ Function Generator with 500 MHZ freq Counter	2	14,500.00
39	Dual Power Supply (0 to 30v)	1	8,000.00
40	Sound Level Meter	1	4,500.00
41	Logic Analyser	1	55,000.00
42	DESKTOP PCs	4	155,000.00
			577,760.00
DIGITAL ELECTRONICS LAB			
1	24 Pin Digital Ic Tester	1	18,702.00
2	DC Regulated Single Fixed Voltage Power Supply (5V / 1A)	5	7,250.00
3	Power Supply (0 to 5V)	5	2,340.00
4	Digital Multimeter Model L-52	5	4,275.00
5	J-K Flip-Flop	1	700.00
6	Ripple Counter	1	700.00
7	Shift Register	1	700.00
8	S-R Flip-Flop	1	700.00
9	Study of ALU	1	1,000.00
10	Adder / Suntractor	1	1,000.00
11	D to A Converter	1	1,000.00
12	MODEL COUNTER	1	700.00
13	DECODER	1	700.00
14	30MHZ dual trace Oscilloscope	1	17,250.00
15	1MHZ Function Gen with 50MHZ Freq Counter	2	14,500.00
16	Digital IC Tester	1	27,500.00

17	Dual Power Supply (0 to 30v 2A)	4	32,000.00
18	3 1/2 Digits Handheld DMM	2	2,650.00
19	Study of ADC IC0809,IC0808,IC0800	1	2,700.00
20	4 Bit Synchronous Counter with Power Supply	1	2,500.00
			138,867.00
PROJECT LAB			
1	LCR Q Meter	1	15,200.00
2	25 MHZ Dual Trace Oscilloscope	1	22,250.00
3	25 MHZ Dual Trace Oscilloscope	1	22,250.00
4	Function Generator (FG8005)	1	5,650.00
5	Function Generator (FG8005)	1	5,650.00
6	Computer(MN,CPU,KB,MS)	1	29,900.00
7	Computer(MN,CPU,KB,MS)	1	29,900.00
8	Computer(MN,CPU,KB,MS)	1	29,900.00
9	Computer(MN,CPU,KB,MS)	1	29,900.00
10	3 1/2 Digit Handheld Digital Multimeter	2	2,650.00
			193,250.00
MECHANICAL DEPARTMENT LABORATORY INFORMATION			

Sr. No	Name of Laboratory	No of Major Equipments	Amount
1	MECHANICAL MEASUREMENTS & CONTROL	11	154,810.00
2	METROLOGY & QUALITY CONTROL	39	663,545.00
3	FLUID MECHANICS & MACHINARY	11	412,746.00
4	REFRIGERATION & AIRCONDITIONING	14	149,020.00
5	THEORY OF MACHINES	24	130,620.00
6	AUTOMOBILE ENGINEERING	9	69,888.00
7	POWER ENGINEERING	21	625,633.00
8	WORKSHOP	21	2,873,148.00
TOTAL			5,079,410.00
MECHANICAL MEASUREMENTS & CONTROL			
Equipments			
Sr. No	Particulars	Available	Cost
1	Digital Tachometer	1	4,950.00
2	Dead Weight Pressure Gauge	1	13,500.00
3	Lathe Tool Dynamometer	1	24,800.00
4	Mcleod Gauge	1	22,300.00
5	Stroboscope	1	14,500.00
6	Strain Gauge	1	9,800.00
7	Liquid Level Measurement	1	9,000.00
8	Thermocouple	1	9,500.00

9	Bimetallic Thermometer	1	13,340.00
10	Mesuerement of Speed By Inductive Pickup	1	24,380.00
11	Temeperature Measurement By Thermistor	1	8,740.00
			154,810.00
METROLOGY & QUALITY CONTROL			
1	Autocollimator	1	98,900.00
2	Vernier Caliper	1	3,500.00
3	Micrometer 0-25 mm	1	1,900.00
4	Dial Test Indicator	1	2,000.00
5	Bevel Protector	1	10,000.00
6	Vernier Height Gauge 300mm	1	9,225.00
7	V Block Magnetic	1	9,400.00
8	Inside Micrometer	1	9,000.00
9	Screw Thread Micrometer	1	12,500.00
10	Micrometer Depth Gauge	1	9,000.00
11	Sine Bar	1	4,225.00
12	Slip Gauge Set	1	68,125.00
13	V Block Magnetic	1	9,400.00
14	Surface Plate	1	45,090.00
15	Profile Projector 10x, 20x	1	92,375.00
16	Vernier Caliper 150 mm	1	3,500.00
17	Vernier Caliper 300 mm	1	4,800.00
18	Digital Vernier Caliper 150 mm	1	9,800.00
19	Outside Micrometer 0-25 mm	1	1,900.00
20	Outside Micrometer 25-50 mm	1	2,300.00
21	Depth Micrometer 0-25 mm	1	9,000.00
22	Vernier Height Gauge 300 mm	1	9,500.00
23	Dial Indicator	1	2,500.00
24	Bevel Protector	1	10,000.00
25	Sine Bar 200 mm	1	4,500.00
26	Sine Bar 300 mm	1	6,700.00
27	RAadius Gauge Set	1	500.00
28	Filler Gauge	1	500.00
29	Screw Pitch Gauge	1	300.00
30	Gear Tooth Vernier caliper	1	6,000.00
31	Spirit Level Block	1	200.00
32	Pneumatic Comparator	1	58,800.00
33	Screw Thread Micrometer	1	13,000.00
34	Tool Makers Microscope	1	91,425.00
35	Optical Flat Set with Monochromatic Light Source	1	38,800.00
36	Adjustable Snap Gauge (00-06 mm)	1	1,140.00
37	Adjustable Snap Gauge (06-13 mm)	1	1,140.00

38	Adjustable Snap Gauge (13-19 mm)	1	1,300.00
39	Adjustable Snap Gauge (19-25 mm)	1	1,300.00
			663,545.00
FLUID MECHANICS & MACHINERY			
1	Verification of Bournali Theorum	1	24,100.00
2	Pressure Measurement By Manometer	1	21,500.00
3	Loss of Heads In Pipes	1	24,400.00
4	Pneumatic Trainer	1	21,000.00
5	Pelton Wheel Turbine Test Rig	1	56,925.00
6	Trial on Recirpocating Pump	1	44,620.00
7	Trial on Rotameter	1	22,000.00
8	Trial on Orificemeter	1	20,000.00
9	Trial on Centrifugal Pump	1	15,000.00
10	Hydraulic Trainer Kit	1	139,001.00
11	Coefficient of friction of flow through pipe	1	24,200.00
			412,746.00
REFRIGERATION & AIRCONDITIONING			
1	Model of Shell & Tube Heat Exchanger	1	4,600.00
2	Trial on Vapor Compression Cycle	1	55,000.00
3	Disassembly & assembly of Refrigeration Compressor - Hermatically sealed	1	5,000.00
4	Disassembly & assembly of Refrigeration Compressor - Open	1	10,000.00
5	Thermostatic Expansion Valve	1	8,000.00
6	HP & LP Cutouts	1	4,000.00
7	Solenoid Valve	1	4,000.00
8	Charging Valve	1	4,000.00
9	Hand Valve	1	4,000.00
10	Refrigeration Tools	5	18,000.00
11	Psychrometers	3	20,000.00
12	Model of Refrigeration Evaporator	1	3,680.00
13	Model of A/C condenser	1	3,680.00
14	Model of Plate Type Heat Exchanger	1	5,060.00
			149,020.00
THEORY OF MACHINES			
1	Model of Governer	1	23,920.00
2	Single Slider Crank Chain	1	1,700.00
3	Oldham Coupling	1	4,000.00
4	Elliptical Trammel	1	1,700.00
5	Pantograph	1	1,700.00
6	Shaper Mechanism	1	3,700.00
7	Watts Indicator	1	1,700.00
8	Study of Gears	1	4,500.00

9	Internal Expanding Brakes	1	4,500.00
10	Feed Hopper Mechanism	1	8,500.00
11	Flywheel	1	1,500.00
12	Skotch Yoke Mechanism	1	2,800.00
13	Differential Mechanism	1	2,300.00
14	Centrifugal Clutch	1	3,700.00
15	Multiplate Clutch	1	4,000.00
16	Pully & Belt Tension Arrangement	1	8,500.00
17	Oscillating Cylinder MEchanism	1	1,700.00
18	Quick Return Mechanism	1	4,200.00
19	Interference & Undercutting	1	5,100.00
20	Study of Bicycle	1	1,000.00
21	Generation of Involutes Gear Tooth	1	5,300.00
22	Model of Geneva Mechanism	1	9,200.00
23	Ackerman steering	1	18,300.00
24	Model of Cam & Follower	1	7,100.00
			130,620.00
AUTOMOBILE ENGINEERING			
1	Four Strok Petrol Engine and Theie Parts	1	5,500.00
2	Cut Section of Four Strock Engine Hero Honda	1	24,000.00
3	Rack and Pinion Steering Gearbox	1	5,060.00
4	Power Steering	1	11,500.00
5	Hydraulic Brake System	1	5,060.00
6	Hydraulic Suspension	1	7,820.00
7	Model of Multiplate Clutch	1	3,496.00
8	Model of Cone Clutch	1	4,140.00
9	Model od Diaphragm Clutch	1	3,312.00
			69,888.00
POWER ENGINEERING			
1	Trial on Two Stage Reciprocating Air Compressor	1	50,600.00
2	Trial on Single Stage Air Compressor	1	48,000.00
3	Disassembly & Assembly of Air Compressor	1	22,000.00
4	Trial on Single Cylinder IC Engine	1	25,000.00
5	Model of Gas Turbine	1	12,500.00
6	Babcock & Wilcox Boiler	1	9,500.00
7	Cochran Boiler	1	8,900.00
8	Steam Stop Valve	1	4,000.00
9	Fusible Plug	1	3,200.00
10	Feed Check Valve	1	4,200.00
11	Spring Loaded Safety Valve	1	3,200.00
12	Water Gauge	1	4,200.00
13	Trial on Multi cylinder 4 stroke Petrol Engine	1	310,000.00

14	Laser of Tachometer	1	2,250.00
15	Stefan Boltzman Apparatus	1	13,340.00
16	Assembly & Disassembly of Maruti 800 Engine	1	17,300.00
17	Thermal Conductivity of Metallic Rod	1	29,440.00
18	Four Wheeler Battery	1	4,894.00
19	Solar Water Heater	1	46,000.00
20	RAC Tool Kit	1	2,075.00
21	Battery for 4 s 3 cyl. petrol engine	1	5,034.00
			625,633.00
WORKSHOP			
1	Marking gauge	2	290.00
2	Carpentary Vice	20	35,556.00
3	Portable Wood Cutter	1	1,912.00
4	Bench Vice (3	20	35,556.00
5	Pipe Vise (2")	1	767.00
6	Surface Plate (300 x 300)	2	4,186.00
7	Angle Plate (6" x 5" x4")	2	3,762.00
8	Welding Machine	1	6,874.00
9	Cot off Machine (14")	1	7,500.00
10	Angle Grinder	1	2,650.00
11	Drill Machine (10 mm)	1	2,025.00
12	Drill Machine (13mm)	1	2,825.00
13	Micrometer (0-25 mm)	1	2,150.00
14	File Set	1	645.00
15	Hand Drill Machine (13 mm)	1	3,450.00
16	Lathe Machine	25	226,000.00
17	Pedstal Grinder (2 HP)	1	21,000.00
18	Milling Machine	1	2,300,000.00
19	Radial Drilling Machine	1	135,000.00
20	Hydraulic Hack Saw	1	47,000.00
21	Pillar Drilling Machine	1	34,000.00
			2,873,148.00