

E-Waste Recycling Plant

[NPCS/5242/23749]

ANNEXURE 1

ASSUMPTIONS SHEET

1. Interest cost for CC (WC Finance)is @ 12.00%
2. Semi variable and Fixed Expenses are done on 40:60 basis on full capacity utilization n 5th year operation.
3. For working capital calculation , the WC cycle is considered by taking following assumptions:
 - a) Stock on hand i.e Raw material cost @ 1 month, Finished goods @ 1 months and WIP cost taken for 1 day.
 - b) Received @ 0 months
 - c) Current liabilities @ 1 month
4. Currency is (amount in INR) and (in lacs) in some tables.

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ANNEXURE 2

PLANT ECONOMICS

Rated Plant Capacity			
Total Production per Day	=	20	MT/Day
Total Production per Month	=	500	MT/Month
Total Production per Annum	=	6000	MT/Annum
Basis			
No. of working days	=	25	days/month
	=	300	days/annum
No. of shifts	=	2	shifts per day
One shift	=	8	hours
Total working Hours per day		16	Hours per day

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ANNEXURE 3

PRODUCTION SCHEDULE

Name of Product	MT per day	MT per annum	Total Batch	UO M
Aluminium	3.00	900.0	900.0	MT
Mild Steel	2.00	600.0	600.0	MT
Shredded PCB	15.00	4,500.0	4,500.0	MT
	20.00	6,000.0	6,000.0	

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ANNEXURE 4

LAND AND BUILDING

Particulars of proposed Assets (UOM)	UOM	Quantity	Rate	Total
Land Area Required	Acres	1	1200000 0	12,000,000
Factory Building -				
Process Section	sq.mts.	600	8000	4,800,000
Raw Material (Scrap) Store	sq.mts.	300	8000	2,400,000
Warehouse	sq.mts.	1000	10000	10,000,000
PCB Cutting Room	sq.mts.	100	8000	800,000
Electrical & D.G. Set Room	sq.mts.	50	8000	400,000
Administrative Block	sq.mts.	100	10000	1,000,000
Laboratory/Inspection Room	sq.mts.	50	10000	500,000
Security Room	sq.mts.	50	8000	400,000
Toilets	sq.mts.	25	8000	200,000

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ANNEXURE 4

LAND AND BUILDING

Particulars of proposed Assets (UOM)	UOM	Quantity	Rate	Total
Land Development Cost, Boundary Wall, Gate & Road etc.		1	150000 0	1,500,000
			TOTAL	34,000,000

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ANNEXURE 5

PLANT AND MACHINERY

Particulars of Assets proposed (UOM)	UOM	Quantity	Rate	Total
Indigenous Machinerics				
Belt Conveyor	Nos.	3	112,500	337,500
Double Shaft Shredder	Pcs	30	92,000	2,760,000
Climbing Conveyor	Nos.	1	273,750	273,750
Vertical Crusher	Nos.	1	735,000	735,000
Suspend Magnetic	Pcs	2	112,500	225,000
Edd Current Separator	Pcs	2	937,500	1,875,000
Vibration Screen	Pcs	1	187,500	187,500
Screw Conveyor	Pcs	2	55,500	111,000

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ANNEXURE 5

PLANT AND MACHINERY

Particulars of Assets proposed (UOM)	UOM	Quantity	Rate	Total
Maintenance Equipments	Nos.	1	200,000	200,000
Erection & Installation		1	1,500,000	1,500,000
Miscellaneous Material Handling Equipments		1	300,000	300,000
Laboratory/Testing Equipments		1	200,000	200,000
			TOTAL	8,704,750

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ANNEXURE 6

OTHER FIXED ASSETS

Particulars of Assets proposed	Quantity	Rate	Amount
Furniture & Fixtures			
Office Equipment, Furniture plus Other Equipment & Accessories			200,000
Pre-operative & Preliminary Expenses			300,000
Electrical Installation 200 KVA			500,000
Electrical Cable, MCB, Meter Boxes, Switch Board etc.			500,000
Fire Fighting Equipment			250,000
D.G. Set 150 KVA			1,200,000
ETP			100,000
Website Development & Promotion			100,000
Water Resources with Storage Tank			150,000
Others			
Technical know how			1,500,000
Office Vehicles			800,000
Office Automation Equipments (Telephone/ Fax/ Computer)			200,000
Provision for Contingencies			720,000
		TOTAL	6,520,000

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ANNEXURE 7

WORKING CAPITAL REQUIREMENT PER MONTH

Raw Materials	UOM	Quantity	Rate	Amount	Qty p.a.	Qty per Batch
Unsegregated PCB	MT	550	35,000.00	19,250,000	6,600	1.100
Printed Packing Bags 25 Kgs Size	Nos	20,000	20.00	400,000	240,000	40.000
Lab Chemicals Cost		25,000	1.00	25,000	300,000	50.000
Consumable Store		50,000	1.00	50,000	600,000	100.000
			TOTAL	19,725,000		

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ANNEXURE 8

OVERHEADS REQUIRED PER MONTH

Utilities and Overheads	Quantity	Rate	Amount
Power Consumption	54500	8	436,000
Water Consumption	500	8	4,000
Fuel Cost			50,000
Insurance Professional fees			25,000
Administration Expense			25,000
Stationery Exp., Telephone, Postage			25,000
Repairs and Maintenance			50,000
Internet Expenses			20,000
Conveyance Exp.			100,000
Publicity Exp.			100,000
		TOTAL	835,000

Total load is 150 Kwatts

Utilities and Overheads	Quantity	Rate	Amount
Royalty and other charges			200,000
Selling and Distribution expenses			100,000
		TOTAL	300,000

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ANNEXURE 9

SALARY AND WAGES

Salary and wages	UOM	Quantity	Rate	Amount
General Manager	Nos.	1	50000	50,000
Production, Engineering & Accounts Manager	Nos.	3	30000	90,000
Supervisors	Nos.	2	25000	50,000
Laboratory Chemist	Nos.	2	15000	30,000
Skilled Workers	Nos.	10	12000	120,000
Electricians	Nos.	2	12000	24,000
Fitters	Nos.	2	12000	24,000
Unskilled Workers	Nos.	20	10000	200,000
Accountant	Nos.	1	20000	20,000
Computer Operators	Nos.	2	18000	36,000
Sales Executives	Nos.	2	18000	36,000
Office Staffs	Nos.	2	18000	36,000
Store Keeper	Nos.	1	18000	18,000
Peons	Nos.	2	10000	20,000
Security Guards	Nos.	4	10000	40,000
TOTAL BASIC SALARY		56		794,000
Plus Perks (20 % p.a. of Basis Salaries)			20.00%	158,800
Per month			TOTAL	952,800
Per Annum				11,433,600

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ANNEXURE 10

TURNOVER PER ANNUM

Name of Product	UOM	Quantity	Rate	Amount
Aluminium	MT	900	100,000.00	90,000,000
Mild Steel	MT	600	30,000.00	18,000,000
Shredded PCB	MT	4,500	45,000.00	202,500,000
			TOTAL	310,500,000

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ANNEXURE 11

SHARE CAPITAL

(Amount in lacs)

Share Capital (No. of Shares)	Face Value Rs./ Share	Equity Share Capital		
1331779	10.00	133.18		
Particulars	Existing %age	Existing	Proposed %age	Proposed
Equity Capital	100.00%	0.00	100.00%	133.18
Preference Share Capital	0.00%	0.00	0.00%	0.00
Total	100.00%	0.00	100.00%	133.18

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ANNEXURE 1

COST OF PROJECT AND MEANS OF FINANCE

(Amount in lacs)

Particulars	Existing	Proposed	Total
C O S T O F P R O J E C T			
Land & Site Development Exp.			
Land Area Required	0.00	120.00	120.00
Land Development Cost, Boundary Wall, Gate & Road etc.	0.00	15.00	15.00
Buildings			
Factory Building -	0.00	205.00	205.00
Office Buildings	0.00	0.00	0.00
Plant & Machineries			
Indigenous Machineries	0.00	67.05	67.05
Erection & Installation	0.00	15.00	15.00
Laboratory/Testing Equipments	0.00	2.00	2.00
Miscellaneous Material Handling Equipments	0.00	3.00	3.00
Imported Machineries	0.00	0.00	0.00
Technical know how	0.00	15.00	15.00
Office Vehicles	0.00	8.00	8.00
Office Automation Equipments (Telephone/ Fax/ Computer)	0.00	2.00	2.00
Office Equipment, Furniture plus Other Equipment & Accessories	0.00	2.00	2.00
Other Misc. Assets	0.00	28.00	28.00
Pre-operative & Preliminary Expenses	0.00	3.00	3.00
Provision for Contingencies	0.00	7.20	7.20
Total Capital Cost of Project	0.00	492.25	492.25
Margin Money for Working Capital	0.00	40.46	40.46
Total Cost of Project	0.00	532.71	532.71

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MEANS OF FINANCE			
Equity Share Capital	0.00	133.18	133.18
Others - Preference Share Capital	0.00	0.00	0.00
Total Equity Share Capital	0.00	133.18	133.18
Long/Medium Term Borrowings			
FROM BANK	0.00	399.53	399.53
From Other Financial Institutions	0.00	0.00	0.00
Total Long/Medium Term Borrowings	0.00	399.53	399.53
Total Means of Finance	0.00	532.71	532.71

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ANNEXURE 2

PROFITABILITY AND NET CASH ACCURALS

(Amount in lacs)

Particulars	Operating Years				
	1-2	2-3	3-4	4-5	5-6
	60	70	80	90	100
Revenue/Income/Realisation					
Gross Sales Realisation	1863.00	2173.50	2484.00	2794.50	3105.00
Less : Excise Duties/Levies	0.00	0.00	0.00	0.00	0.00
Net Sales Realisation	1863.00	2173.50	2484.00	2794.50	3105.00
Total Revenue/Income/Realisation	1863.00	2173.50	2484.00	2794.50	3105.00
Expenses/Cost of Products/Services/Items					
Raw Material Cost					
Indigenous	1386.00	1617.00	1848.00	2079.00	2310.00
Total Nett Consumption	1386.00	1617.00	1848.00	2079.00	2310.00
Lab & ETP Chemical Cost	1.80	2.10	2.40	2.70	3.00
Packing Material Cost	28.80	33.60	38.40	43.20	48.00
Sub Total of Net Consumption	1416.60	1652.70	1888.80	2124.90	2361.00
Miscellaneous Cost	3.60	4.20	4.80	5.40	6.00
Employees Expenses	114.34	125.77	138.35	152.18	167.40
Fuel Expenses	3.60	3.96	4.32	4.68	5.04
Power/Electricity Expenses	31.39	34.53	37.67	40.81	43.95
Depreciation	38.96	34.28	30.19	26.61	23.48
Royalty & Other Charges	2.00	2.20	2.40	2.60	2.80
Repairs & Maintenance Exp.	33.70	37.07	40.77	44.85	49.34
Other Mfg. Expenses	2.09	2.30	2.53	2.78	3.06
Cost of Output of Goods Sold	1646.27	1897.00	2149.82	2404.81	2662.05

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ANNEXURE 2

PROFITABILITY AND NET CASH ACCURALS

Particulars	Operating Years				
	1-2	2-3	3-4	4-5	5-6
	60	70	80	90	100
Gross Profit	216.73	276.50	334.18	389.69	442.95
Administration Expenses	23.04	25.34	27.88	30.67	33.73
Technical Knowhow Fees & Exp.	1.50	1.50	1.50	1.50	1.50
Financial Charges					
Long/Medium Term Borrowing	44.35	34.76	25.17	15.58	5.99
On Wkg. Capital Borrowings	14.47	17.95	20.55	23.09	25.64
Total Financial Charges	58.82	52.71	45.72	38.67	31.64
Selling Expenses	1.00	1.10	1.20	1.30	1.40
Total Cost of Sales	1730.64	1977.65	2226.12	2476.94	2730.32
Net Profit Before Taxes	132.36	195.85	257.88	317.56	374.68
Tax on Profit	45.15	69.88	93.64	116.24	137.67
Net Profit After Taxes	87.21	125.97	164.24	201.32	237.01
Depreciation Added Back	38.96	34.28	30.19	26.61	23.48
Technical Knowhow Fees & Exp.	1.50	1.50	1.50	1.50	1.50
Net Cash Accruals	127.68	161.75	195.92	229.43	261.99

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ANNEXURE 3

ASSESSMENT OF WORKING CAPITAL REQUIREMENTS

(Amount in lacs)

Particulars	Stk.Prd.	Stk.Prd.		Operating Years				
	1st Year	2nd Yr&+		1-2	2-3	3-4	4-5	5-6
Capacity	Months	Months	%	60.00	70.00	80.00	90.00	100.00
CURRENT ASSETS								
Stocks on Hand								
Raw Material Cost								
Indigenous	1.00	1.00	M	115.50	134.75	154.00	173.25	192.50
Lab & ETP Chemical	1.00	1.00	M	0.15	0.18	0.20	0.23	0.25
Packing Material	1.00	1.00	M	2.40	2.80	3.20	3.60	4.00
Consumable Store	1.00	1.00	M	0.60	0.68	0.76	0.84	0.92
Work-in-Process	1.00	1.00	D	4.20	4.90	5.60	6.30	7.00
Finished Goods	1.00	1.00	M	133.94	166.39	190.50	214.06	237.72
Current Expenses	1.00	1.00	M	17.30	19.03	20.90	22.93	25.14
Receivables	0.00	0.00	M	0.00	0.00	0.00	0.00	0.00
Total				274.09	328.72	375.16	421.21	467.53
Cash/Bank Balances				47.77	110.58	218.18	359.37	533.01
Gross Wkg. Capital				321.86	439.30	593.34	780.58	1000.54

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ANNEXURE 3

ASSESSMENT OF WORKING CAPITAL REQUIREMENTS

Particulars	Stk.Prd.	Stk.Prd.		Operating Years				
	1st Year	2nd Yr&+		1-2	2-3	3-4	4-5	5-6
Capacity	Months	Months	%	60.00	70.00	80.00	90.00	100.00
CURRENT LIABILITIES								
Sundry Creditors - Raw Material Cost								
Indigenous	1.00	1.00	M	125.12	136.35	155.60	174.85	194.10
Lab & ETP Chemical	1.00	1.00	M	0.16	0.18	0.20	0.23	0.25
Packing Material	1.00	1.00	M	2.60	2.83	3.23	3.63	4.03
Miscellaneous Cost	1.00	1.00	M	0.60	0.69	0.77	0.85	0.93
Current Expenses	0.50	0.50	M	8.65	9.51	10.45	11.47	12.57
Other Current Liabilities	0.00	0.00	M	0.00	0.00	0.00	0.00	0.00
Total				137.14	149.56	170.26	191.03	211.89
Instalments Due Within Next 12 Months: Term Borrowings				79.91	79.91	79.91	79.91	0.00
Total Current Liabilities				217.04	229.47	250.16	270.93	211.89
Net Wkg.Capital(Tot.CA - Tot.CL)				104.82	209.83	343.18	509.65	788.65
M.P.B.F. -Method I				138.54	217.30	317.31	442.16	591.49
As Per Tandon Com.Norm-Method II - Permissible Finance - D.P.(%age)				104.26	179.91	274.75	394.41	538.52
Work in Process%	0.65	DP		2.73	3.19	3.64	4.10	4.55
Finished Goods %	0.70	DP		93.76	116.47	133.35	149.84	166.40
Total Bank Finance(DP Method)				96.49	119.66	136.99	153.94	170.96
Bank Finance(Turnover Method)				372.60	434.70	496.80	558.90	621.00
Bank Finance : As per DP Method				96.49	119.66	136.99	153.94	170.96
Margin Money : (At Commencement)				40.46	59.50	67.92	76.24	84.69
Margin Money:(incl.Cash/Bk. Bal)				88.23	170.08	286.09	435.61	617.70
% Margin Money - Net Wkg.Capital				47.77	58.70	67.62	73.89	78.32
Current Ratio (No. of times)				1.03	1.26	1.53	1.84	2.61

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ANNEXURE 3

ASSESSMENT OF WORKING CAPITAL REQUIREMENTS

Working note for calculation of Work-in-process

Description of Product	% assumed for WIP Completion	Rate per unit	Equivalent (%) Rate per unit in `
Unsegregated PCB	100	35000.00	35000.00

E-Waste Recycling Plant

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ANNEXURE 4

SOURCES AND DEPOSITION OF FUNDS

(Amount in lacs)

Particulars	Constr. Period	Operating Years				
		1-2	2-3	3-4	4-5	5-6
SOURCES OF FUNDS						
Net Profit Before Tax with Interest Charges Added Back but after Depreciation Provision	0.00	191.19	248.56	303.60	356.23	406.31
Equity Share Capital	133.18					
Depreciation		38.96	34.28	30.19	26.61	23.48
Incr.in Long/Medium Term Proposed-FROM BANK	399.53					
Incr.in Bank Borrowing for Working Capital		96.49	23.17	17.33	16.94	17.02
Incr.in Cur.Liabilities		137.14	12.43	20.69	20.77	20.86
Technical Knowhow Fees & Exp.		1.50	1.50	1.50	1.50	1.50
Total Sources of Fund	532.71	465.28	319.93	373.31	422.05	469.17
DISPOSITIONS OF FUNDS						
P & P Expenses	3.00					
Technical Knowhow Fees	15.00					
Incr.in Capital Expense	474.25					
Incr.in Current Assets		274.09	54.63	46.44	46.04	46.32
Decr.in Long/Medium Term Proposed-FROM BANK		79.91	79.91	79.91	79.91	79.91
Interest/Financial Exp.		58.82	52.71	45.72	38.67	31.64
Taxes on Profit		45.15	69.88	93.64	116.24	137.67
Total Disposition	492.25	457.97	257.12	265.71	280.86	295.53
Opening Balance	0.00	40.46	47.77	110.58	218.18	359.37
Net Surplus / Deficit	40.46	7.31	62.81	107.60	141.19	173.63
Closing Balance	40.46	47.77	110.58	218.18	359.37	533.01

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ANNEXURE 5

PROJECTED BALANCE SHEET

(Amount in lacs)

Particulars	Operating Years				
	1-2	2-3	3-4	4-5	5-6
Equity Share Capital	133.18	133.18	133.18	133.18	133.18
Surplus of Previous Year	0.00	87.21	213.18	377.42	578.74
Add : Net Profit After Taxes	87.21	125.97	164.24	201.32	237.01
Surplus at the End of Year	87.21	213.18	377.42	578.74	815.75
Unsecured Deposits	0.00	0.00	0.00	0.00	0.00
Long/Medium Term Borrowings Proposed-FROM BANK	319.63	239.72	159.81	79.91	0.00
Bank Borrowing for Wkg. Capital	96.49	119.66	136.99	153.94	170.96
Current Liabilities					
Sundry Creditors	137.14	149.56	170.26	191.03	211.89
Other Current Liabilities	0.00	0.00	0.00	0.00	0.00
Total Current Liabilities	137.14	149.56	170.26	191.03	211.89
Total of Liabilities	773.65	855.31	977.66	1136.79	1331.77

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ANNEXURE 5

PROJECTED BALANCE SHEET

(Amount in lacs)

Particulars	Operating Years				
	1-2	2-3	3-4	4-5	5-6
A S S E T S					
Fixed Assets					
Gross Block	477.25	477.25	477.25	477.25	477.25
Less : Depreciation to Date	38.96	73.24	103.43	130.04	153.51
Net Block	438.28	404.01	373.82	347.21	323.73
Current Assets					
Stocks on Hand	256.79	309.70	354.26	398.28	442.39
Receivables	0.00	0.00	0.00	0.00	0.00
Other Current Assets	17.30	19.03	20.90	22.93	25.14
Cash and Bank Balances	47.77	110.58	218.18	359.37	533.01
Total Current Assets	321.86	439.30	593.34	780.58	1000.54
P & P Exp. and/or Other Dvp.Exp. (To The Extent Not W/Off)	13.50	12.00	10.50	9.00	7.50
Other Non Current Assets	0.00	0.00	0.00	0.00	0.00
Total of Assets	773.65	855.31	977.66	1136.79	1331.77
ROI (Average of Fixed Assets)	19.90%	29.91%	42.23%	55.84%	70.65%
RONW (Average of Share Capital)	39.57%	44.45%	38.33%	32.94%	28.54%
ROI (Average of Total Assets)	11.27%	15.47%	17.92%	19.04%	19.20%

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ANNEXURE 6

PROFITABILITY RATIO, DCSR, DEBT EQUIT, ETC.

(Amount in lacs)

Particulars		Operating Years				
		1-2	2-3	3-4	4-5	5-6
Profit Percentages to Net Sales						
Gross Profit		216.73	276.50	334.18	389.69	442.95
% Of G.P. to Net Sales		11.63%	12.72%	13.45%	13.95%	14.27%
Net Profit Before Taxes		132.36	195.85	257.88	317.56	374.68
% of N.P.B.T. To Net Sales		7.10%	9.01%	10.38%	11.36%	12.07%
Net Profit After Taxes		87.21	125.97	164.24	201.32	237.01
% of N.P.A.T. To Net Sales		4.68%	5.80%	6.61%	7.20%	7.63%
Debt Service Coverage Ratio						
Funds Available to Service Debts						
Net Profit After Taxes		87.21	125.97	164.24	201.32	237.01
Depreciation Charges		38.96	34.28	30.19	26.61	23.48
Technical Knowhow Fees & Exp		1.50	1.50	1.50	1.50	1.50
Interest on Long/Medium Term		44.35	34.76	25.17	15.58	5.99
T o t a l		172.03	196.51	221.09	245.01	267.98
Debt Service Obligations						
Repayment of Long/Medium Ter		79.91	79.91	79.91	79.91	79.91
Interest on Long/Medium Term		44.35	34.76	25.17	15.58	5.99
T o t a l		124.26	114.67	105.08	95.49	85.90
D. S. C. R. (Individual)		1.38	1.71	2.10	2.57	3.12
D. S. C. R. (Cumulative)		1.38	1.54	1.71	1.90	2.10
D. S. C. R. (Overall) .....		.....	.....	2.10	.....	.....
Parameters						
Initial Equity Capital	133.18	133.18	133.18	133.18	133.18	133.18
Credit Balance in P & L	0.00	87.21	213.18	377.42	578.74	815.75
Total Capital excl Unsec Deposits	133.18	220.39	346.36	510.60	711.92	948.93
Unsecured Dep.	0.00	0.00	0.00	0.00	0.00	0.00
Total Equity incl Unsecured Deposits	133.18	220.39	346.36	510.60	711.92	948.93

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E-Waste Recycling Plant

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ANNEXURE 6

PROFITABILITY RATIO, DCSR, DEBT EQUIT, ETC.

Particulars		Operating Years				
		1-2	2-3	3-4	4-5	5-6
Long/Medium Term Borrowings from Bank	399.53	319.63	239.72	159.81	79.91	0.00
Term lia. Incl Unsecured Deposit	399.53	319.63	239.72	159.81	79.91	0.00
Total Liabilities	0.00	773.65	855.31	977.66	1136.79	1331.77
Total Liabilities incl Unsecured Deposits	399.53	1093.27	1095.03	1137.48	1216.70	1331.77
DEBT EQUITY RATIO considering i.e.Total Term Lia./NW						
Unsecured Dep. as Equity	3.00	1.45	0.69	0.31	0.11	0.00
Unsecured Dep. as Debt	3.00	1.45	0.69	0.31	0.11	0.00
Total Outside Lia./NW		2.51	1.47	0.91	0.60	0.40
Assets Turnover Ratio (x)		2.45	2.58	2.57	2.48	2.34
No. of Shares of 10.00 each		1331779	1331779	1331779	1331779	1331779
Earnings Per Share (EPS) (in `)		6.55	9.46	12.33	15.12	17.80
Proposed dividend		0.00	0.00	0.00	0.00	0.00
Cash EPS (in `)		9.59	12.15	14.71	17.23	19.67
Dividend Per Share(DPS) (in `)		0.00	0.00	0.00	0.00	0.00
Payout Ratio (%Age)		0.00	0.00	0.00	0.00	0.00
Retained Earnings/Share (in `)		6.55	9.46	12.33	15.12	17.80
Retained Earnings (%Age)		100.00	100.00	100.00	100.00	100.00
Book Value Per Share (in `)		16.55	26.01	38.34	53.46	71.25
Debt Per Share (in `)		24.00	18.00	12.00	6.00	0.00
Probable Mkt.Price/Share(in `)		6.55	9.46	12.33	15.12	17.80
Price / Book Value (x)		0.40	0.36	0.32	0.28	0.25
Price Earnings Ratio (x)		1.00	1.00	1.00	1.00	1.00
Yield (%Age)		0.00	0.00	0.00	0.00	0.00

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E-Waste Recycling Plant

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ANNEXURE 7

BREAKEVEN ANALYSIS

(Amount in lacs)

Particulars	Ratio	Operating Years				
		1-2	2-3	3-4	4-5	5-6
BREAK EVEN ANALYSIS						
Total Value of Output		1863.00	2173.50	2484.00	2794.50	3105.00
Variable Cost & Expenses						
Raw Material Cost	100.00	1386.00	1617.00	1848.00	2079.00	2310.00
Lab & ETP Chemical Cost	100.00	1.80	2.10	2.40	2.70	3.00
Packing Material Cost	100.00	28.80	33.60	38.40	43.20	48.00
Sales Commission/Exp.	100.00	0.00	0.00	0.00	0.00	0.00
Sub-total		1416.60	1652.70	1888.80	2124.90	2361.00
Less:W.I.P. Adjustments		4.20	0.70	0.70	0.70	0.70
Total Variable Cost		1412.40	1652.00	1888.10	2124.20	2360.30
Net Contribution		450.60	521.50	595.90	670.30	744.70
Profit Volume Ratio (%)		24.19%	23.99%	23.99%	23.99%	23.98%
Semi-Var./Semi-Fixed Exp.						
Miscellaneous Cost	40.00	0.00	0.60	1.20	1.80	2.40
Employees Expenses	40.00	13.90	25.33	37.91	51.74	66.96
Power/Electricity Expen	40.00	5.02	8.16	11.30	14.44	17.58
Fuel Expenses	40.00	0.58	0.94	1.30	1.66	2.02
Royalty & Other Charges	40.00	0.32	0.52	0.72	0.92	1.12

E-Waste Recycling Plant

[NPCS/5242/23749]

ANNEXURE 7

BREAKEVEN ANALYSIS

(Amount in lacs)

Particulars	Ratio	Operating Years				
		1-2	2-3	3-4	4-5	5-6
Repairs & Maintenance E	40.00	4.10	7.47	11.17	15.25	19.73
Other Mfg. Expenses	40.00	0.25	0.46	0.69	0.94	1.22
Administration Expenses	40.00	2.80	5.10	7.64	10.43	13.49
Selling Expenses	40.00	0.16	0.26	0.36	0.46	0.56
Interest on Wkg.Capital	40.00	-0.91	2.56	5.16	7.70	10.26
Tot.Semi-Var./Fixed Exp.		26.21	51.40	77.45	105.34	135.34
Fixed Expenses / Cost						
Miscellaneous Cost	60.00	3.60	3.60	3.60	3.60	3.60
Employees Expenses	60.00	100.44	100.44	100.44	100.44	100.44
Power/Electricity Expen	60.00	26.37	26.37	26.37	26.37	26.37
Fuel Expenses	60.00	3.02	3.02	3.02	3.02	3.02
Royalty & Other Charges	60.00	1.68	1.68	1.68	1.68	1.68
Repairs & Maintenance E	60.00	29.60	29.60	29.60	29.60	29.60
Other Mfg. Expenses	60.00	1.83	1.83	1.83	1.83	1.83
Administration Expenses	60.00	20.24	20.24	20.24	20.24	20.24
Selling Expenses	60.00	0.84	0.84	0.84	0.84	0.84
Intrest-Fixed Borrowing	100.00	44.35	34.76	25.17	15.58	5.99
Intrest-Working Capital	60.00	15.39	15.39	15.39	15.39	15.39
Depreciation Charges	100.00	38.96	34.28	30.19	26.61	23.48

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E-Waste Recycling Plant

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ANNEXURE 7

BREAKEVEN ANALYSIS

Particulars	Ratio	Operating Years				
		1-2	2-3	3-4	4-5	5-6
Deferred Expenses W/Off	100.00	1.50	1.50	1.50	1.50	1.50
Total Fixed Expenses		287.83	273.55	259.87	246.71	233.99
Tot.Fixed/Semi-Fixed Exp		314.04	324.95	337.32	352.05	369.33
Tot.Cash Fixed/SemiFixed		273.58	289.18	305.64	323.94	344.35
Cash Break Even Sales		1131.08	1205.22	1274.03	1350.51	1435.75
Cash Margin of Safety		731.92	968.28	1209.97	1443.99	1669.25
Break Even Sales		1298.38	1354.33	1406.11	1467.69	1539.89
Margin of safety		564.62	819.17	1077.89	1326.81	1565.11
At Maximum Utilisation :	Year	1.00	2.00	3.00	4.00	5.00
(as % of Installed Capacity)						
Cash B.E.P. :	%	60.71%	55.45%	51.29%	48.33%	46.24%
B.E.P. :	%	69.69%	62.31%	56.61%	52.52%	49.59%

E-Waste Recycling Plant

[NPCS/5242/23749]

ANNEXURE 8

SENSITIVITY – I

(Amount in lacs)

Particulars	Operating Years				
	1-2	2-3	3-4	4-5	5-6
INCREASE IN SALES PRICES ::: By 2.00 %					
Resultant - Sale Value(Sales)	1900.26	2216.97	2533.68	2850.39	3167.10
Resultant - Gross Profit	253.99	319.97	383.86	445.58	505.05
Resultant - N.P.B.T.	169.62	239.32	307.56	373.45	436.78
Resultant - Tax on Profit	58.84	85.85	111.90	136.77	160.49
Resultant - N.P.A.T.	110.78	153.47	195.66	236.67	276.29
Resultant - Funds available	195.59	224.00	252.52	280.36	307.26
As such - Debt Obligations	124.26	114.67	105.08	95.49	85.90
Resultant - DSCR (Individual)	1.57	1.95	2.40	2.94	3.58
Resultant - DSCR (cumulative)	1.57	1.76	1.95	2.17	2.40
Resultant - DSCR (overall)	.....	.....	2.40	.....	.....
Resultant - Sale Value(Output)	1900.26	2216.97	2533.68	2850.39	3167.10
As such - Variable Cost	1412.40	1652.00	1888.10	2124.20	2360.30
Resultant - Nett Contribution	487.86	564.97	645.58	726.19	806.80
Resultant - PV Ratio (%age)	25.67%	25.48%	25.48%	25.48%	25.47%
Resultant - Cash BEP Sales	1065.59	1134.74	1199.51	1271.50	1351.74
Resultant - Cash Margin of Safety	834.67	1082.23	1334.17	1578.89	1815.36
Resultant - BEP Sales	1223.20	1275.13	1323.86	1381.83	1449.79
Resultant - Margin of safety	677.06	941.84	1209.82	1468.56	1717.31
Resultant - Cash BEP % (Yr. 5)	42.68%

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E-Waste Recycling Plant

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Particulars	Operating Years				
	1-2	2-3	3-4	4-5	5-6
Resultant - BEP %age (Yr. 5)	45.78%
Resultant - DEBT EQUITY RATIO					
- Unsecured Dep. as Equity	1.31	0.60	0.27	0.10	0.00
- Unsecured Dep. as Debt	1.31	0.60	0.27	0.10	0.00
Resultant - ROI (%age) (Based on Fixed Assets)	25.28%	36.44%	50.31%	65.65%	82.36%
Resultant - RONW (%age)	45.41%	47.85%	39.51%	33.27%	28.55%
DECREASE IN SALES PRICES ::: By 2.00 %					
Resultant - Sale Value(Sales)	1825.74	2130.03	2434.32	2738.61	3042.90
Resultant - Gross Profit	179.47	233.03	284.50	333.80	380.85
Resultant - N.P.B.T.	95.10	152.38	208.20	261.67	312.58
Resultant - Tax on Profit	31.46	53.90	75.39	95.70	114.84
Resultant - N.P.A.T.	63.65	98.48	132.81	165.97	197.73
Resultant - Funds available	148.46	169.01	189.67	209.66	228.70
As such - Debt Obligations	124.26	114.67	105.08	95.49	85.90
Resultant - DSCR (Individual)	1.19	1.47	1.81	2.20	2.66
Resultant - DSCR (cumulative)	1.19	1.33	1.47	1.63	1.80
Resultant - DSCR (overall)	.....	.....	1.80	.....	.....

E-Waste Recycling Plant

[NPCS/5242/23749]

Particulars	Operating Years				
	1-2	2-3	3-4	4-5	5-6
Resultant - Sale Value(Output)	1825.74	2130.03	2434.32	2738.61	3042.90
As such - Variable Cost	1412.40	1652.00	1888.10	2124.20	2360.30
Resultant - Nett Contribution	413.34	478.03	546.22	614.41	682.60
Resultant - PV Ratio (%age)	22.64%	22.44%	22.44%	22.44%	22.43%
Resultant - Cash BEP Sales	1208.38	1288.52	1362.10	1443.89	1535.04
Resultant - BEP Sales	1387.11	1447.94	1503.32	1569.18	1646.38
Resultant - Cash Margin of Safety	617.36	841.51	1072.22	1294.72	1507.86
Resultant - Margin of safety	438.63	682.09	931.00	1169.43	1396.52
Resultant - Cash BEP % (Yr. 5)	.....	.....	.....	.....	50.45%
Resultant - BEP %age (Yr. 5)	.....	.....	.....	.....	54.11%
Resultant - DEBT EQUITY RATIO					
- Unsecured Dep. as Equity	1.62	0.81	0.37	0.13	0.00
- Unsecured Dep. as Debt	1.62	0.81	0.37	0.13	0.00
Resultant - ROI (%age)	14.52%	23.38%	34.15%	46.04%	58.94%
Resultant - RONW (%age)	32.34%	40.02%	36.72%	32.47%	28.53%

E-Waste Recycling Plant

[NPCS/5242/23749]

ANNEXURE 9

SENSITIVITY ANALYSIS – II

(Amount in lacs)

Particulars	Operating Years				
	1-2	2-3	3-4	4-5	5-6
INCREASE IN SALES PRICES ::: By 5.00 %					
Resultant - Sale Value(Sales)	1956.15	2282.18	2608.20	2934.23	3260.25
Resultant - Gross Profit	309.88	385.18	458.38	529.42	598.20
Resultant - N.P.B.T.	225.51	304.52	382.08	457.28	529.93
Resultant - Tax on Profit	79.38	109.82	139.29	167.58	194.72
Resultant - N.P.A.T.	146.13	194.71	242.79	289.70	335.21
Resultant - Funds available	230.94	265.24	299.65	333.39	366.18
As such - Debt Obligations	124.26	114.67	105.08	95.49	85.90
Resultant - DSCR (Individual)	1.86	2.31	2.85	3.49	4.26
Resultant - DSCR (cumulative)	1.86	2.08	2.31	2.57	2.85
Resultant - DSCR (overall)	.....	.....	2.85	.....	.....
Resultant - Sale Value(Output)	1956.15	2282.18	2608.20	2934.23	3260.25
As such - Variable Cost	1412.40	1652.00	1888.10	2124.20	2360.30
Resultant - Nett Contribution	543.75	630.18	720.10	810.03	899.95
Resultant - PV Ratio (%age)	27.80%	27.61%	27.61%	27.61%	27.60%
Resultant - Cash BEP Sales	984.19	1047.25	1107.00	1173.43	1247.47
Resultant - BEP Sales	1129.75	1176.81	1221.77	1275.25	1337.96
Resultant - Cash Margin of Safety	971.96	1234.93	1501.20	1760.79	2012.78
Resultant - Margin of safety	826.40	1105.36	1386.43	1658.97	1922.29
Resultant - Cash BEP % (Yr. 5)	38.26%

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E-Waste Recycling Plant

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Particulars	Operating Years				
	1-2	2-3	3-4	4-5	5-6
Resultant - BEP %age (Yr. 5)	41.04%
Resultant - DEBT EQUITY RATIO					
- Unsecured Dep. as Equity	1.14	0.51	0.22	0.08	0.00
- Unsecured Dep. as Debt	1.14	0.51	0.22	0.08	0.00
Resultant - ROI (%age)	33.34%	46.23%	62.43%	80.36%	99.92%
Resultant - RONW (%age)	52.32%	51.69%	40.78%	33.62%	28.55%
DECREASE IN SALES PRICES ::: By 5.00 %					
Resultant - Sale Value(Sales)	1769.85	2064.83	2359.80	2654.78	2949.75
Resultant - Gross Profit	123.58	167.83	209.98	249.97	287.70
Resultant - N.P.B.T.	39.21	87.17	133.68	177.83	219.43
Resultant - Tax on Profit	0.00	0.00	0.00	0.00	0.00
Resultant - N.P.A.T.	39.21	87.17	133.68	177.83	219.43
Resultant - Funds available	124.02	157.71	190.54	221.52	250.40
As such - Debt Obligations	124.26	114.67	105.08	95.49	85.90
Resultant - DSCR (Individual)	1.00	1.38	1.81	2.32	2.91
Resultant - DSCR (cumulative)	1.00	1.18	1.37	1.58	1.80
Resultant - DSCR (overall)	1.80

E-Waste Recycling Plant

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Particulars	Operating Years				
	1-2	2-3	3-4	4-5	5-6
Resultant - Sale Value(Output)	1769.85	2064.83	2359.80	2654.78	2949.75
As such - Variable Cost	1412.40	1652.00	1888.10	2124.20	2360.30
Resultant - Nett Contribution	357.45	412.83	471.70	530.58	589.45
Resultant - PV Ratio (%age)	20.20%	19.99%	19.99%	19.99%	19.98%
Resultant - Cash BEP Sales	1354.54	1446.36	1529.01	1620.85	1723.20
Resultant - BEP Sales	1554.89	1625.31	1687.52	1761.49	1848.19
Resultant - Cash Margin of Safety	415.31	618.46	830.79	1033.93	1226.55
Resultant - Margin of safety	214.96	439.52	672.28	893.29	1101.56
Resultant - Cash BEP % (Yr. 5)	.....	.....	.....	.....	58.42%
Resultant - BEP %age (Yr. 5)	.....	.....	.....	.....	62.66%
Resultant - DEBT EQUITY RATIO					
- Unsecured Dep. as Equity	1.85	0.92	0.41	0.14	0.00
- Unsecured Dep. as Debt	1.85	0.92	0.41	0.14	0.00
Resultant - ROI (%age)	8.95%	20.70%	34.37%	49.33%	65.41%
Resultant - RONW (%age)	22.75%	40.36%	40.96%	36.88%	32.23%

E-Waste Recycling Plant

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ANNEXURE 10

SINSITIVITY ANALYSIS – III

(‘ in lacs)

Particulars	Operating Years				
	1-2	2-3	3-4	4-5	5-6
INCREASE IN MAIN MATERIAL PRICES ::: By 2.00 %					
Resultant - Main Material Amt	1413.72	1649.34	1884.96	2120.58	2356.20
Resultant - Gross Profit	189.01	244.16	297.22	348.11	396.75
Resultant - N.P.B.T.	104.64	163.51	220.92	275.98	328.48
Resultant - Tax on Profit	34.96	57.99	80.06	100.95	120.69
Resultant - N.P.A.T.	69.68	105.52	140.86	175.02	207.79
Resultant - Funds available	154.49	176.05	197.72	218.71	238.76
As such - Debt Obligations	124.26	114.67	105.08	95.49	85.90
Resultant - DSCR (Individual)	1.24	1.54	1.88	2.29	2.78
Resultant - DSCR (cumulative)	1.24	1.38	1.54	1.70	1.88
Resultant - DSCR (overall)	.....	.....	1.88	.....	.....
As such - Sale Value(Output)	1863.00	2173.50	2484.00	2794.50	3105.00
Resultant - Variable Cost	1440.12	1684.34	1925.06	2165.78	2406.49
Resultant - Nett Contribution	422.88	489.16	558.94	628.72	698.51
Resultant - PV Ratio (%age)	22.70%	22.51%	22.50%	22.50%	22.50%
Resultant - Cash BEP Sales	1205.23	1284.90	1358.27	1439.82	1530.71
Resultant - BEP Sales	1383.49	1443.87	1499.09	1564.76	1641.74
Resultant - Cash Margin of Safety	657.77	888.60	1125.73	1354.68	1574.29

E-Waste Recycling Plant

[NPCS/5242/23749]

Particulars	Operating Years				
	1-2	2-3	3-4	4-5	5-6
Resultant - Margin of safety	479.51	729.63	984.91	1229.74	1463.26
Resultant - Cash BEP % (Yr. 5)	.....	.....	.....	.....	49.30%
Resultant - BEP %age (Yr. 5)	.....	.....	.....	.....	52.87%
Resultant - DEBT EQUITY RATIO					
- Unsecured Dep. as Equity	1.58	0.78	0.36	0.13	0.00
- Unsecured Dep. as Debt	1.58	0.78	0.36	0.13	0.00
Resultant - ROI (%age)	15.90%	25.05%	36.22%	48.55%	61.94%
Resultant - RONW (%age)	34.35%	41.28%	37.19%	32.61%	28.54%
DECREASE IN MAIN MATERIAL PRICES ::: By 2.00 %					
Resultant - Main Material Amt	1358.28	1584.66	1811.04	2037.42	2263.80
Resultant - Gross Profit	244.45	308.84	371.14	431.27	489.15
Resultant - N.P.B.T.	160.08	228.19	294.84	359.14	420.88
Resultant - Tax on Profit	55.34	81.76	107.23	131.52	154.64
Resultant - N.P.A.T.	104.75	146.43	187.61	227.62	266.23
Resultant - Funds available	189.56	216.96	244.47	271.31	297.20
As such - Debt Obligations	124.26	114.67	105.08	95.49	85.90
Resultant - DSCR (Individual)	1.53	1.89	2.33	2.84	3.46

E-Waste Recycling Plant

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Particulars	Operating Years				
	1-2	2-3	3-4	4-5	5-6
Resultant - DSCR (cumulative)	1.53	1.70	1.89	2.10	2.32
Resultant - DSCR (overall)	.....	.....	2.32	.....	.....
As such - Sale Value(Output)	1863.00	2173.50	2484.00	2794.50	3105.00
Resultant - Variable Cost	1384.68	1619.66	1851.14	2082.62	2314.10
Resultant - Nett Contribution	478.32	553.84	632.86	711.88	790.90
Resultant - PV Ratio (%age)	25.67%	25.48%	25.48%	25.47%	25.47%
Resultant - Cash BEP Sales	1065.54	1134.84	1199.62	1271.63	1351.88
Resultant - BEP Sales	1223.13	1275.25	1323.99	1381.97	1449.94
Resultant - Cash Margin of Safety	797.46	1038.66	1284.38	1522.87	1753.12
Resultant - Margin of safety	639.87	898.25	1160.01	1412.53	1655.06
Resultant - Cash BEP % (Yr. 5)	.....	.....	.....	.....	43.54%
Resultant - BEP %age (Yr. 5)	.....	.....	.....	.....	46.70%
Resultant - DEBT EQUITY RATIO					
- Unsecured Dep. as Equity	1.34	0.62	0.28	0.10	0.00
- Unsecured Dep. as Debt	1.34	0.62	0.28	0.10	0.00
Resultant - ROI (%age)	23.90%	34.77%	48.24%	63.14%	79.36%
Resultant - RONW (%age)	44.03%	47.06%	39.24%	33.19%	28.54%

E-Waste Recycling Plant

[NPCS/5242/23749]

ANNEXURE 11

SENSITIVITY ANALYSIS – IV

(Amount in lacs)

Particulars	Operating Years				
	1-2	2-3	3-4	4-5	5-6
INCREASE IN MAIN MATERIAL PRICES ::: By 5.00 %					
Resultant - Main Material Amt	1455.30	1697.85	1940.40	2182.95	2425.50
Resultant - Gross Profit	147.43	195.65	241.78	285.74	327.45
Resultant - N.P.B.T.	63.06	115.00	165.48	213.61	259.18
Resultant - Tax on Profit	0.00	0.00	0.00	78.03	95.22
Resultant - N.P.A.T.	63.06	115.00	165.48	135.57	163.96
Resultant - Funds available	147.87	185.54	222.34	179.26	194.93
As such - Debt Obligations	124.26	114.67	105.08	95.49	85.90
Resultant - DSCR (Individual)	1.19	1.62	2.12	1.88	2.27
Resultant - DSCR (cumulative)	1.19	1.40	1.62	1.67	1.77
Resultant - DSCR (overall)	.....	.....	1.77	.....	|
As such - Sale Value(Output)	1863.00	2173.50	2484.00	2794.50	3105.00
Resultant - Variable Cost	1481.70	1732.85	1980.50	2228.15	2475.79
Resultant - Nett Contribution	381.30	440.65	503.50	566.35	629.21
Resultant - PV Ratio (%age)	20.47%	20.27%	20.27%	20.27%	20.26%
Resultant - Cash BEP Sales	1336.65	1426.35	1507.83	1598.38	1699.30
Resultant - BEP Sales	1534.35	1602.82	1664.15	1737.07	1822.56

E-Waste Recycling Plant

[NPCS/5242/23749]

Particulars	Operating Years				
	1-2	2-3	3-4	4-5	5-6
Resultant - Cash Margin of Safety	526.35	747.15	976.17	1196.12	1405.70
Resultant - Margin of safety	328.65	570.68	819.85	1057.43	1282.44
Resultant - Cash BEP % (Yr. 5)	.....	.....	.....	.....	54.73%
Resultant - BEP %age (Yr. 5)	.....	.....	.....	.....	58.70%
Resultant - DEBT EQUITY RATIO					
- Unsecured Dep. as Equity	1.63	0.77	0.34	0.13	0.00
- Unsecured Dep. as Debt	1.63	0.77	0.34	0.13	0.00
Resultant - ROI (%age)	14.39%	27.31%	42.55%	37.60%	48.87%
Resultant - RONW (%age)	32.14%	45.32%	42.00%	24.90%	23.62%
DECREASE IN MAIN MATERIAL PRICES ::: By 5.00 %					
Resultant - Main Material Amt	1316.70	1536.15	1755.60	1975.05	2194.50
Resultant - Gross Profit	286.03	357.35	426.58	493.64	558.45
Resultant - N.P.B.T.	201.66	276.70	350.28	421.51	490.18
Resultant - Tax on Profit	70.62	99.59	127.60	154.44	180.11
Resultant - N.P.A.T.	131.05	177.11	222.68	267.07	310.06
Resultant - Funds available	215.86	247.65	279.54	310.76	341.03
As such - Debt Obligations	124.26	114.67	105.08	95.49	85.90

E-Waste Recycling Plant

[NPCS/5242/23749]

Particulars	Operating Years				
	1-2	2-3	3-4	4-5	5-6
Resultant - DSCR (Individual)	1.74	2.16	2.66	3.25	3.97
Resultant - DSCR (cumulative)	1.74	1.94	2.16	2.40	2.65
Resultant - DSCR (overall)	.....	.....	2.65	.....	.....
As such - Sale Value(Output)	1863.00	2173.50	2484.00	2794.50	3105.00
Resultant - Variable Cost	1343.10	1571.15	1795.70	2020.25	2244.80
Resultant - Nett Contribution	519.90	602.35	688.30	774.25	860.20
Resultant - PV Ratio (%age)	27.91%	27.71%	27.71%	27.71%	27.70%
Resultant - Cash BEP Sales	980.32	1043.45	1103.00	1169.19	1242.97
Resultant - BEP Sales	1125.31	1172.55	1217.35	1270.64	1333.13
Resultant - Cash Margin of Safety	882.68	1130.05	1381.00	1625.31	1862.03
Resultant - Margin of safety	737.69	1000.95	1266.65	1523.86	1771.87
Resultant - Cash BEP % (Yr. 5)	.....	.....	.....	.....	40.03%
Resultant - BEP %age (Yr. 5)	.....	.....	.....	.....	42.93%
Resultant - DEBT EQUITY RATIO					
- Unsecured Dep. as Equity	1.21	0.54	0.24	0.09	0.00
- Unsecured Dep. as Debt	1.21	0.54	0.24	0.09	0.00
Resultant - ROI (%age)	29.90%	42.05%	57.26%	74.08%	92.43%
Resultant - RONW (%age)	49.60%	50.20%	40.29%	33.49%	28.55%

E-Waste Recycling Plant

[NPCS/5242/23749]

ANNEXURE - 12

SHAREHOLDING PATTERN AND STAKE STATUS

(Amount in lacs)

Shares	Face Value / Share	Share Capital				
13317 79	10.00	133.18				
Particulars	Existing	Existing	Proposed	Proposed	Total	Total
	%age		%age		%age	
Capital	100.00%	0.00	100.00%	133.18	100.00%	133.18
Share Premium	0.00%	0.00	0.00%	0.00	0.00%	0.00
Total	100.00%	0.00	100.00%	133.18	100.00%	133.18

E-Waste Recycling Plant

[NPCS/5242/23749]

ANNEXURE 13

QUANTATITIVE DETAILS OF OUTPUT, SALES AND STOCKS

(Amount in lacs)

Particulars	UOM	Operating Years				
		1 - 2	2 - 3	3 - 4	4 - 5	5 - 6
Determined Capacity P.A of Products/Services						
Aluminium	MT	900.0	900.0	900.0	900.0	900.0
Mild Steel	MT	600.0	600.0	600.0	600.0	600.0
Shredded PCB	MT	4,500.0	4,500.0	4,500.0	4,500.0	4,500.0
Achievable Efficiency/Yield % of Products/Services/Items						
Aluminium	%	100	100	100	100	100
Mild Steel	%	100	100	100	100	100
Shredded PCB	%	100	100	100	100	100
Net Usable Load/Capacity of Products/Services/Items						
Aluminium	MT	900.0	900.0	900.0	900.0	900.0
Mild Steel	MT	600.0	600.0	600.0	600.0	600.0
Shredded PCB	MT	4,500.0	4,500.0	4,500.0	4,500.0	4,500.0
No of Shifts Wkg./Day		2	2	2	2	2
No of Working Days/Year		300	300	300	300	300
Expected Usage/Utilisation of Achievable Load/Capacity (%)						
Aluminium	%	60	70	80	90	100

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E-Waste Recycling Plant

[NPCS/5242/23749]

Particulars	UOM	Operating Years				
		1 - 2	2 - 3	3 - 4	4 - 5	5 - 6
Mild Steel	%	60	70	80	90	100
Shredded PCB	%	60	70	80	90	100
Expected Usage/Output						
Aluminium	MT	540.0	630.0	720.0	810.0	900.0
Mild Steel	MT	360.0	420.0	480.0	540.0	600.0
Shredded PCB	MT	2,700.0	3,150.0	3,600.0	4,050.0	4,500.0
Total		3,600.0	4,200.0	4,800.0	5,400.0	6,000.0
Expected Sales/ Revenue/ Income of Products/ Services/ Items						
Aluminium	MT	540.0	630.0	720.0	810.0	900.0
Mild Steel	MT	360.0	420.0	480.0	540.0	600.0
Shredded PCB	MT	2,700.0	3,150.0	3,600.0	4,050.0	4,500.0

E-Waste Recycling Plant

[NPCS/5242/23749]

ANNEXURE 14

PRODUCT-WISE DOMESTIC SALES REALISATION

(Amount in lacs)

Operating Year	UOM	Quantity	Rate	Sales
Description of Product				
1-2				
Aluminium	MT	540.0	100,000.00	540.00
Mild Steel	MT	360.0	30,000.00	108.00
Shredded PCB	MT	2700.0	45,000.00	1,215.00
Year Totals::				1,863.00
2-3				
Aluminium	MT	630.0	100,000.00	630.00
Mild Steel	MT	420.0	30,000.00	126.00
Shredded PCB	MT	3150.0	45,000.00	1,417.50
Year Totals::				2,173.50
3-4				
Aluminium	MT	720.0	100,000.00	720.00
Mild Steel	MT	480.0	30,000.00	144.00
Shredded PCB	MT	3600.0	45,000.00	1,620.00
Year Totals::				2,484.00
4-5				
Aluminium	MT	810.0	100,000.00	810.00
Mild Steel	MT	540.0	30,000.00	162.00
Shredded PCB	MT	4050.0	45,000.00	1,822.50
Year Totals::				2,794.50
5-6				
Aluminium	MT	900.0	100,000.00	900.00
Mild Steel	MT	600.0	30,000.00	180.00
Shredded PCB	MT	4500.0	45,000.00	2,025.00
Year Totals::				3,105.00

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E-Waste Recycling Plant

[NPCS/5242/23749]

ANNEXURE - 15

TOTAL RAW MATERIAL COST

(Amount in lacs)

Operating Year / Description of Product	UOM	Output Quantity	Adj. for WIP Stks	Total Quantity	Cost Per Unit	Material Type I	Material Type II	Total
1-2								
Aluminium	MT	540.0	0.00	540.0	38499.85	0.00	207.90	207.90
Mild Steel	MT	360.0	0.00	360.0	38499.85	0.00	138.60	138.60
Shredded PCB	MT	2700.0	0.00	2700.0	38499.85	0.00	1039.50	1039.50
Total Raw Mat.Requirement						0.00	1386.00	1386.00
2-3								
Aluminium	MT	630.0	0.00	630.0	38499.85	0.00	242.55	242.55
Mild Steel	MT	420.0	0.00	420.0	38499.85	0.00	161.70	161.70
Shredded PCB	MT	3150.0	0.00	3150.0	38499.85	0.00	1212.75	1212.75
Total Raw Mat.Requirement						0.00	1617.00	1617.00
3-4								
Aluminium	MT	720.0	0.00	720.0	38499.85	0.00	277.20	277.20
Mild Steel	MT	480.0	0.00	480.0	38499.85	0.00	184.80	184.80
Shredded PCB	MT	3600.0	0.00	3600.0	38499.85	0.00	1385.99	1385.99
Total Raw Mat.Requirement						0.00	1848.00	1848.00
4-5								
Aluminium	MT	810.0	0.00	810.0	38499.85	0.00	311.85	311.85
Mild Steel	MT	540.0	0.00	540.0	38499.85	0.00	207.90	207.90
Shredded PCB	MT	4050.0	0.00	4050.0	38499.85	0.00	1559.24	1559.24
Total Raw Mat.Requirement						0.00	2079.00	2079.00

E-Waste Recycling Plant

[NPCS/5242/23749]

Operating Year / Description of Product	UO M	Output Quantity	Adj. for WIP Stks	Total Quantity	Cost Per Unit	Material Type I	Material Type II	Total
5-6								
Aluminium	MT	900.0	0.00	900.0	38499.85	0.00	346.50	346.50
Mild Steel	MT	600.0	0.00	600.0	38499.85	0.00	231.00	231.00
Shredded PCB	MT	4500.0	0.00	4500.0	38499.85	0.00	1732.49	1732.49
Total Raw Mat.Requirement						0.00	2310.00	2310.00

E-Waste Recycling Plant

[NPCS/5242/23749]

ANNEXURE - 16

RAW MATERIAL COST PER UNIT

Description of Product / Description of Raw-Material	UOM	Qty.Per Batch	Losses %age	Total Quantity	Rate Per Unit	Total	Batch Qty of Output	Amount Per Unit
E-Waste Recycling Plant								
Unsegregated PCB	MT	1.100	0.00	1.100	35,000.00	38,499.85		
Sub Totals						38,499.85		
Add Loss/Wastage @ 0.00%	0.00%					-		
Totals (Indigenous)						38,499.85	1.00	38,499.85

E-Waste Recycling Plant

[NPCS/5242/23749]

ANNEXURE - 17

TOTAL LAB & ETP CHEMICALS COST

(Amount in lacs)

Operating Year / Description of Product	UOM	Output Quantity	Adj. for WIP Stks	Total Quantity	Cost Per Unit	Total
1-2						
Lab Chemicals Cost	0.00	3600	0.00	3600	50.000	1.80
Year Total ::						1.80
2-3						
Lab Chemicals Cost	0.00	4200	0.00	4200	50.000	2.10
Year Total ::						2.10
3-4						
Lab Chemicals Cost	0.00	4800	0.00	4800	50.000	2.40
Year Total ::						2.40
4-5						
Lab Chemicals Cost	0.00	5400	0.00	5400	50.000	2.70
Year Total ::						2.70
5-6						
Lab Chemicals Cost	0.00	6000	0.00	6000	50.000	3.00
Year Total ::						3.00

E-Waste Recycling Plant

[NPCS/5242/23749]

ANNEXURE - 18

CONSUMABLES, STORES AND SPARES EXPENSES

(Amount in lacs)

Operating Year / Description of Product	UOM	Output Quantity	Adj. for WIP Stks	Total Quantity	Cost Per Unit	Total
1-2						
Consumable Store	0.00	3600	0.00	3600	100.000	3.60
Year Total ::						3.60
2-3						
Consumable Store	0.00	4200	0.00	4200	100.000	4.20
Year Total ::						4.20
3-4						
Consumable Store	0.00	4800	0.00	4800	100.000	4.80
Year Total ::						4.80
4-5						
Consumable Store	0.00	5400	0.00	5400	100.000	5.40
Year Total ::						5.40
5-6						
Consumable Store	0.00	6000	0.00	6000	100.000	6.00
Year Total ::						6.00

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E-Waste Recycling Plant

[NPCS/5242/23749]

ANNEXURE - 19

TOTAL PACKING MATERIAL COST

(Amount in lacs)

Operating Year / Description of Product	UOM	Output Quantity	Adj. for WIP Stks	Total Quantity	Cost Per Unit	Total
E-Waste Recycling Plant	Nos	3600	0.00	3600	799.997	28.80
Year Total :						28.80
2-3						
E-Waste Recycling Plant	Nos	4200	0.00	4200	799.997	33.60
Year Total :						33.60
3-4						
E-Waste Recycling Plant	Nos	4800	0.00	4800	799.997	38.40
Year Total :						38.40
4-5						
E-Waste Recycling Plant	Nos	5400	0.00	5400	799.997	43.20
Year Total :						43.20
5-6						
E-Waste Recycling Plant	Nos	6000	0.00	6000	799.997	48.00
Year Total :						48.00

E-Waste Recycling Plant

[NPCS/5242/23749]

ANNEXURE - 20

PACKING MATERIAL COST PER UNIT

Description of Product / Description of Packing Material	UOM	Qty.Per Batch	Losses %age	Total Quanti ty	Rate Per Unit	Total	Batch Qty of Output	Amount Per Unit
E-Waste Recycling Plant								
Printed Packing Bags 25 Kgs Size	0.00	40.0 0	0.0 0	40.0 0	20.0 0	800.00		
Sub Total						800.00		
Add Loss/Wastage @ 0.00 %						0.00		
Product Total						800.00	1.00	800. 00

E-Waste Recycling Plant

[NPCS/5242/23749]

ANNEXURE - 21

EMPLOYEES EXPENSES

(Amount in lacs)

Placement / Designation	Dept./ Category	Starting Year	Starting Month	No.of Persons	Pay Per Month	Total Per Annum
Factory Personnel						
As Applicable from Year 1						
General Manager		1.00	1.00	1.00	50,000.00	6.00
Production, Engineering & Accounts Manager		1.00	1.00	3.00	30,000.00	10.80
Supervisors		1.00	1.00	2.00	25,000.00	6.00
Laboratory Chemist		1.00	1.00	2.00	15,000.00	3.60
Skilled Workers		1.00	1.00	10.00	12,000.00	14.40
Electricians		1.00	1.00	2.00	12,000.00	2.88
Fitters		1.00	1.00	2.00	12,000.00	2.88
Unskilled Workers		1.00	1.00	20.00	10,000.00	24.00
Accountant		1.00	1.00	1.00	20,000.00	2.40
Computer Operators		1.00	1.00	2.00	18,000.00	4.32
Sales Executives		1.00	1.00	2.00	18,000.00	4.32
Office Staffs		1.00	1.00	2.00	18,000.00	4.32
Store Keeper		1.00	1.00	1.00	18,000.00	2.16
Peons		1.00	1.00	2.00	10,000.00	2.40
Security Guards		1.00	1.00	4.00	10,000.00	4.80
T O T A L						95.28
Welfare Expenses				20.00%		19.06

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E-Waste Recycling Plant

[NPCS/5242/23749]

ANNEXURE - 21

EMPLOYEES EXPENSES

Placement / Designation	Dept./ Category	Starting Year	Starting Month	No.of Persons	Pay Per Month	Total Per Annum
Year Total				56.00		114.34
Total (Factory)				56.00		
Grand Total				56.00		

Operating Year	%age Increase	Total
1-2		114.34
2-3	10.00	125.77
3-4	10.00	138.35
4-5	10.00	152.18
5-6	10.00	167.40

E-Waste Recycling Plant

[NPCS/5242/23749]

ANNEXURE 22

FEUL EXPENSES

(Amount in lacs)

Operating Year	%age Increase	Total
1-2		3.60
2-3	10.00	3.96
3-4	10.00	4.32
4-5	10.00	4.68
5-6	10.00	5.04

E-Waste Recycling Plant

[NPCS/5242/23749]

ANNEXURE - 23

POWER/ELECTRICITY EXPENSES

(Amount in lacs)

Operating Year	%age Increase	Total
1-2		31.39
2-3	10.00	34.53
3-4	10.00	37.67
4-5	10.00	40.81
5-6	10.00	43.95

E-Waste Recycling Plant

[NPCS/5242/23749]

ANNEXURE - 24

ROYALTY AND OTHER CHARGES

(Amount in lacs)

Operating Year	%age Increase	Total
1-2		2.00
2-3	10.00	2.20
3-4	10.00	2.40
4-5	10.00	2.60
5-6	10.00	2.80

E-Waste Recycling Plant

[NPCS/5242/23749]

ANNEXURE 25

REPAIRS AND MAINTENANCE EXPENSES

(Amount in lacs)

Particulars	%age to Assets Value	Total
Buildings		
-Factory Building	10.00	20.99
Plant & Machineries		
-Imported Machineries	0.00	0.00
-Indigenous Machineries	10.00	6.66
-Maintenance Equipments	10.00	1.54
-Laboratory Equipments	10.00	0.20
-Miscellaneous Machines	10.00	0.31
-Foundation, Installation	0.00	0.00
-Motor Vehicles	10.00	0.80
-Office Automation Equipments	10.00	0.20
-Furniture & Fixtures	10.00	3.00
TOTAL		33.70

Operating Year	% Increase	Total
1-2		33.70
2-3	10.00	37.07
3-4	10.00	40.77
4-5	10.00	44.85
5-6	10.00	49.34

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E-Waste Recycling Plant

[NPCS/5242/23749]

ANNEXURE 26

OTHER MANUFACTURING EXPENSES

(Amount in lacs)

Particulars	Total
Insurance Professional fees	1.80
Water Exp.	0.29
T o t a l	2.09

Operating Year	% Increase	Total
1-2		2.09
2-3	10.00	2.30
3-4	10.00	2.53
4-5	10.00	2.78
5-6	10.00	3.06

E-Waste Recycling Plant

[NPCS/5242/23749]

ANNEXURE - 27

ADMINISTRATIVE AND GENERAL EXPENSES

(Amount in lacs)

Particulars	Total
Administration Expense	1.80
Stationery Exp., Telephone, Postage	1.80
Repairs and Maintenance	3.60
Internet Expenses	1.44
Conveyance Exp.	7.20
Publicity Exp.	7.20
T o t a l	23.04

Operating Year	% Increase	Total	Misc	Total
1-2		23.04	0.00	23.04
2-3	10.00	25.34	0.00	25.34
3-4	10.00	27.88	0.00	27.88
4-5	10.00	30.67	0.00	30.67
5-6	10.00	33.73	0.00	33.73

E-Waste Recycling Plant

[NPCS/5242/23749]

ANNEXURE - 28

SELLING AND DISTRIBUTION EXPENSES

(Amount in lacs)

Operating Year	% Increase	Total
1-2		1.00
2-3	10.00	1.10
3-4	10.00	1.20
4-5	10.00	1.30
5-6	10.00	1.40

E-Waste Recycling Plant

[NPCS/5242/23749]

ANNEXURE 29

DEPRECIATION CHARGES AS PER BOOKS (TOTAL)

(Amount in lacs)

Operating Year	F.Assets Type A-1	F.Assets Type A-2	F.Assets Type B	F.Assets Type C	F.Assets Type D-1	F.Assets Type D-2	Total
Particulars	Factory Building -	Office Buildings	PLANT & MACHINERY	Office Vehicles	Office Automation Equipments (Telephone/ Fax/ Computer)	Furniture & Fixtures	
1-2	209.90	0.00	89.13	8.00	2.00	30.00	
	20.99	0.00	13.57	1.20	0.20	3.00	38.96
2-3	188.91	0.00	75.55	6.80	1.80	27.00	
	18.89	0.00	11.49	1.02	0.18	2.70	34.28
3-4	170.02	0.00	64.07	5.78	1.62	24.30	
	17.00	0.00	9.73	0.87	0.16	2.43	30.19
4-5	153.01	0.00	54.34	4.91	1.46	21.87	
	15.30	0.00	8.24	0.74	0.15	2.19	26.61
5-6	137.71	0.00	46.10	4.18	1.31	19.68	
	13.77	0.00	6.98	0.63	0.13	1.97	23.48
	123.94	0.00	39.12	3.55	1.18	17.71	

E-Waste Recycling Plant

[NPCS/5242/23749]

Particulars	Method	Deprn.Rate	Part Consideration (for Asset put to use less than 6 months)
Type A :: Buildings			
Factory Building -	WDV	0.10	0.50
Office Buildings	WDV	0.10	0.50
Type C			
Office Vehicles	WDV	0.15	0.50
Type D :: Misc. Fixed Assets			
Equipments (Telephone/ Fax/ Computer)	WDV	0.10	0.50
Furniture & Fixtures	WDV	0.10	0.50
Type B :: Plant & Machineries (All calculation are given in Annexure 30)			

Contingencies, Pre-operative Expenses and Capital WIP are capitalised as under (Amount in lacs)

Description	P & P Expenses	Contingencies	Capital WIP	Total
Factory Building -	1.44	3.46	0.00	4.90
Total	1.44	3.46	0.00	4.90

E-Waste Recycling Plant

[NPCS/5242/23749]

ANNEXURE - 30

DEPRECIATION CHARGES AS PER BOOKS (P&M)

(Amount in lacs)

Operating Year	F.Assets Type B-1	F.Assets Type B-2	F.Assets Type B-3	F.Assets Type B-4	F.Assets Type B-5	F.Assets Type B-6	Total
PLANT & MACHINERY	Imported Machineries	Indigenous Machineries	Erection & Installation	Laboratory/Testing Equipments	Miscellaneous Material Handling Equipments	Maintenance Equipments	
1-2	0.00	66.60	15.36	2.05	3.07	2.05	89.13
	0.00	9.99	2.30	0.31	0.46	0.51	13.57
2-3	0.00	56.61	13.05	1.74	2.61	1.54	75.55
	0.00	8.49	1.96	0.26	0.39	0.38	11.49
3-4	0.00	48.12	11.10	1.48	2.22	1.15	64.07
	0.00	7.22	1.66	0.22	0.33	0.29	9.73
4-5	0.00	40.90	9.43	1.26	1.89	0.86	54.34
	0.00	6.14	1.41	0.19	0.28	0.22	8.24
5-6	0.00	34.77	8.02	1.07	1.60	0.65	46.10
	0.00	5.21	1.20	0.16	0.24	0.16	6.98
	0.00	29.55	6.81	0.91	1.36	0.49	39.12

E-Waste Recycling Plant

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Particulars	Method	Dep.Rate	Part Consideration, if any
Imported Machineries	WDV	0.25	0.50
Indigenous Machineries	WDV	0.15	0.50
Erection & Installation	WDV	0.15	0.50
Laboratory/Testing Equipments	WDV	0.15	0.50
Miscellaneous Material Handling Equipments	WDV	0.15	0.50
Maintenance Equipments	WDV	0.25	0.50

Contingencies, Pre-operative Expenses and Capital WIP are capitalised as under

Description	P & P Expenses	Contingencies	Capital WIP	Total
Imported Machineries	0.00	0.00	0.00	0.00
Indigenous Machineries	0.46	1.10	0.00	1.55
Erection & Installation	0.11	0.25	0.00	0.36
Laboratory/Testing Equipments	0.01	0.03	0.00	0.05
Miscellaneous Material Handling Equipments	0.02	0.05	0.00	0.07
Maintenance Equipments	0.01	0.03	0.00	0.05
Total	0.61	1.47	0.00	2.08

E-Waste Recycling Plant

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ANNEXURE - 31

DEPRECIATION CHARGES AS PER INCOME TAX ACT (WDV) (TOTAL)

(Amount in lacs)

Operating Year	F.Assets Type A-1	F.Assets Type A-2	F.Assets Type B	F.Assets Type C	F.Assets Type D-1	F.Assets Type D-2	Total
Particulars	Factory Building	Office Buildings	PLANT & MACHINERY	Office Vehicles	Office Automation Equipments (Telephone/ Fax/ Computer)	Furniture & Fixtures	
1-2	209.90	0.00	89.13	8.00	2.00	30.00	
	20.99	0.00	22.28	2.00	0.20	3.00	48.47
2-3	188.91	0.00	66.84	6.00	1.80	27.00	
	18.89	0.00	16.71	1.50	0.18	2.70	39.98
3-4	170.02	0.00	50.13	4.50	1.62	24.30	
	17.00	0.00	12.53	1.13	0.16	2.43	33.25
4-5	153.01	0.00	37.60	3.38	1.46	21.87	
	15.30	0.00	9.40	0.84	0.15	2.19	27.88
5-6	137.71	0.00	28.20	2.53	1.31	19.68	
	13.77	0.00	7.05	0.63	0.13	1.97	23.55
	123.94	0.00	21.15	1.90	1.18	17.71	

E-Waste Recycling Plant

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Particulars	Method	Dep.Rate	Part Consideration (for Asset put to use less than 6 months)
Type A :: Buildings			
Factory Building	WDV	0.10	0.50
Office Building	WDV	0.10	0.50
Type C			
Motor Vehicles	WDV	0.25	0.50
Type D :: Misc. Fixed Assets			
Office Automation Equipments	WDV	0.10	0.50
Furniture & Fixtures	WDV	0.10	0.50

Type B :: Plant & Machineries(All calculation are given in Annexure 32)

E-Waste Recycling Plant

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ANNEXURE - 32

DEPRECIATION CHARGES AS PER INCOME TAX ACT(WDV) (P&M)

(Amount in lacs)

Operating Year	F.Assets Type B-1	F.Assets Type B-2	F.Assets Type B-3	F.Assets Type B-4	F.Assets Type B-5	F.Assets Type B-6	Total
PLANT & MACHINERY	Imported Machineries	Indigenous Machineries	Erection & Installation	Laboratory/ Te sting Equipments	Miscellaneous Material Handling Equipments	Maintenance Equipments	
1-2	0.00	66.60	15.36	2.05	3.07	2.05	
	0.00	16.65	3.84	0.51	0.77	0.51	22.28
2-3	0.00	49.95	11.52	1.54	2.30	1.54	
	0.00	12.49	2.88	0.38	0.58	0.38	16.71
3-4	0.00	37.46	8.64	1.15	1.73	1.15	
	0.00	9.37	2.16	0.29	0.43	0.29	12.53
4-5	0.00	28.10	6.48	0.86	1.30	0.86	
	0.00	7.02	1.62	0.22	0.32	0.22	9.40
5-6	0.00	21.07	4.86	0.65	0.97	0.65	
	0.00	5.27	1.21	0.16	0.24	0.16	7.05
	0.00	15.80	3.64	0.49	0.73	0.49	21.15

Depreciation hereinabove is calculated as per WDV at rates prescribed under I.T.Act

E-Waste Recycling Plant

[NPCS/5242/23749]

Particulars	Method	Dep.Rate	Part Consideration, if any
Imported Machineries	WDV	0.25	0.50
Indigenous Machineries	WDV	0.25	0.50
Maintenance Equipments	WDV	0.25	0.50
Laboratory Equipments	WDV	0.25	0.50
Miscellaneous Equipments	WDV	0.25	0.50
Foundation, Installation etc.	WDV	0.25	0.50

E-Waste Recycling Plant

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ANNEXURE - 33

INTEREST AND REPAYMENT ON TERM LOANS

(‘Amount in lacs)

A	Name of Institution-Bank	ABC BANK	
B	Term Borrowing Amount	399.53	Lacs
C	Repayment Term (Years)	5	Years
D	Repayment Instalments	20.00	Instalments
E	Repayment Commencement	Year - 0; 3rd Qtr.	
F	Rate of Interest(General)	12.00%	p.a.
F	Rate of Interest(Initial)	0.00%	p.a.
G	Apply Gen. Int. Rate from Year	1 Quarter :: 1	
H	Interest Calculation	Quarterly	

Operating Year	Period Ended Quarter Ended	Repayment	Outstanding	Interest
1-2	1.00	19.98	379.56	11.99
	2.00	19.98	359.58	11.39
	3.00	19.98	339.60	10.79
	4.00	19.98	319.63	10.19
	TOTAL :		79.91		44.35
2-3	1.00	19.98	299.65	9.59
	2.00	19.98	279.67	8.99
	3.00	19.98	259.70	8.39
	4.00	19.98	239.72	7.79
	TOTAL :		79.91	
3-4	1.00	19.98	219.74	7.19
	2.00	19.98	199.77	6.59
	3.00	19.98	179.79	5.99
	4.00	19.98	159.81	5.39
	TOTAL :		79.91	

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4-5	1.00	19.98	139.84	4.79
	2.00	19.98	119.86	4.20
	3.00	19.98	99.88	3.60
	4.00	19.98	79.91	3.00
	TOTAL :	79.91		15.58
5-6	1.00	19.98	59.93	2.40
	2.00	19.98	39.95	1.80
	3.00	19.98	19.98	1.20
	4.00	19.98	0.00	0.60
	TOTAL :	79.91		5.99
Total Loan amount		399.53		

Note : Repayment is considered as being made at the end of the period

E-Waste Recycling Plant

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ANNEXURE - 34

TAX ON PROFITS

(Amount in lacs)

Particulars	Operating Years				
	1-2	2-3	3-4	4-5	5-6
Net Profit Before Taxes	132.36	195.85	257.88	317.56	374.68
Adjustments to NPBT					
Add : Depreciation as provided	38.96	34.28	30.19	26.61	23.48
Less : Depreciation as per IT	48.47	39.98	33.25	27.88	23.55
Recomputed NPBT	122.86	190.14	254.82	316.29	374.60
Taxable Profits	122.86	190.14	254.82	316.29	374.60
(%)	36.75%	36.75%	36.75%	36.75%	36.75%
Tax on Profits	45.15	69.88	93.64	116.24	137.67

E-Waste Recycling Plant

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Particulars	Operating Years					Total
	1-2	2-3	3-4	4-5	5-6	
IN-FLOW of Funds						
Net Profit After Taxes	87.21	125.97	164.24	201.32	237.01	
Added Back						
Depreciation Charges	38.96	34.28	30.19	26.61	23.48	
P & P Expenses W/off	1.50	1.50	1.50	1.50	1.50	
Interest Charges	44.35	34.76	25.17	15.58	5.99	
Revenue Inflow of Funds	172.03	196.51	221.09	245.01	267.98	
Residual Value-M/Money	0.00	0.00	0.00	0.00	40.46	
Total Inflow of Funds	172.03	196.51	221.09	245.01	308.45	1143.08
OUT-FLOW of Funds						
Capital Out-flow of Funds	532.71	0.00	0.00	0.00	0.00	532.71

Particulars	Projected Pay Back Period				
	Operating Years				
	1-2	2-3	3-4	4-5	5-6
Year	1	2	3	4	5
Initial Investment	532.71				
Total Initial Investment	532.71				
Yearly Cash Flow	172.03	196.51	221.09	245.01	308.45
Accumulated Cash Flow	172.03	368.53	589.63	834.64	1143.08
Pay Back Period	2 Years 3 Months		2 Years 9 months	77months	

E-Waste Recycling Plant

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ANNEXURE - 35

PROJECTED PAY-BACK PERIOD AND IRR

(Amount in lacs)

Projected IRR			
Year	CFAT	PV factor @15%	0.15
Initial Investment	-532.71	1.0000	-532.71
1-2	172.03	0.8696	149.59
2-3	196.51	0.7561	148.58
3-4	221.09	0.6575	145.37
4-5	245.01	0.5718	140.10
5-6	308.45	0.4972	153.36
Total PV	1143.08		737.00
IRR	28.70%		11.91%

E-Waste Recycling Plant

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PROJECT AT A GLANCE

COST OF PROJECT				MEANS OF FINANCE			
Particulars	Existing	Proposed	Total	Particulars	Existing	Proposed	Total
Land & Site Development Exp.	0.00	135.00	135.00	Capital	0.00	133.18	133.18
Buildings	0.00	205.00	205.00	Share Premium	0.00	0.00	0.00
Plant & Machineries	0.00	87.05	87.05	Other Type Share Capital	0.00	0.00	0.00
Motor Vehicles	0.00	8.00	8.00	Reserves & Surplus	0.00	0.00	0.00
Office Automation Equipments	0.00	32.00	32.00	Cash Subsidy	0.00	0.00	0.00
Technical Knowhow Fees & Exp.	0.00	15.00	15.00	Internal Cash Accruals	0.00	0.00	0.00
Franchise & Other Deposits	0.00	0.00	0.00	Long/Medium Term Borrowings	0.00	399.53	399.53
Preliminary& Pre-operative Exp	0.00	3.00	3.00	Debentures / Bonds	0.00	0.00	0.00
Provision for Contingencies	0.00	7.20	7.20	Unsecured Loans/Deposits	0.00	0.00	0.00
Margin Money - Working Capital	0.00	40.46	40.46				
TOTAL	0.00	532.71	532.71	TOTAL	0.00	532.71	532.71

E-Waste Recycling Plant

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Year	Annualised		Book Value	Debt	Dividend	Retained Earnings		Payout	Probable Market Price	P/E Ratio	Yield Price/ Book Value
	EPS	CEPS	Per Share		Per Share	Per Share				No.of Times	
						%		%			%
1-2	6.55	9.59	16.55	24.00	0.00	100.00	6.55	0.00	6.55	1.00	0.00
2-3	9.46	12.15	26.01	18.00	0.00	100.00	9.46	0.00	9.46	1.00	0.00
3-4	12.33	14.71	38.34	12.00	0.00	100.00	12.33	0.00	12.33	1.00	0.00
4-5	15.12	17.23	53.46	6.00	0.00	100.00	15.12	0.00	15.12	1.00	0.00
5-6	17.80	19.67	71.25	0.00	0.00	100.00	17.80	0.00	17.80	1.00	0.00

Year	D. S. C. R.			Debt / - Deposits Debt	Equity as- Equity	Total Net Worth	Return on Net Worth	Profitability Ratio					Assets Turnover Ratio	Current Ratio
	Individual	Cumulative	Over all					GPM	PBT	PAT	Net Contrib ution	P/V Ratio		
	(Number of times)			(Number of times)		%	%	%	%	%	%	%	%	
Initial				3.00	3.00									
1-2	1.38	1.38		1.45	1.45	2.51		11.63%	7.10%	4.68%	450.60	24.19%	2.45	1.03
2-3	1.71	1.54		0.69	0.69	1.47		12.72%	9.01%	5.80%	521.50	23.99%	2.58	1.26
3-4	2.10	1.71	2.10	0.31	0.31	0.91		13.45%	10.38%	6.61%	595.90	23.99%	2.57	1.53
4-5	2.57	1.90		0.11	0.11	0.60		13.95%	11.36%	7.20%	670.30	23.99%	2.48	1.84
5-6	3.12	2.10		0.00	0.00	0.40		14.27%	12.07%	7.63%	744.70	23.98%	2.34	2.61

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BEP	
BEP - Maximum Utilisation Year	5
Cash BEP (% of Installed Capacity)	46.24%
Total BEP (% of Installed Capacity)	49.59%
IRR, PAYBACK and FACR	
Internal Rate of Return .. (In %age)	28.70%
Payback Period of the Project is (In Years)	2 Years 3 Months
Fixed Assets Coverage Ratio (No. of times)	9.256