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# **Tube Investments of India**

Estimate changes	<b>←</b>
TP change	<b>←</b>
Rating change	<b>—</b>

Bloomberg	TIINDIA IN
Equity Shares (m)	193
M.Cap.(INRb)/(USDb)	555.8 / 6.8
52-Week Range (INR)	2968 / 1440
1, 6, 12 Rel. Per (%)	0/47/71
12M Avg Val (INR M)	623

### Consol. Financials & Valuations (INR b)

INR b	FY22	FY23E	FY24E
Sales	125.3	149.8	172.6
EBITDA	14.3	18.8	22.7
Adj. PAT	9.7	11.8	15.4
EPS (INR)	50.5	61.1	79.7
EPS Gr. (%)	205.6	21.1	30.4
BV/Sh. (INR)	159	201	257
Ratios			
Net D:E	0.3	0.2	0.2
RoE (%)	37.2	33.9	34.8
RoCE (%)	32.4	37.7	40.1
Payout (%)	6.8	11.2	11.9
Valuations			
P/E (x)	56.4	46.6	35.8
P/BV (x)	17.9	14.2	11.1
Div. Yield (%)	0.1	0.2	0.3
FCF Yield (%)	1.2	1.4	2.8

### Shareholding pattern (%)

As On	Sep-22	Jun-22	Sep-21
Promoter	46.5	46.5	46.5
DII	14.5	14.7	15.7
FII	26.3	25.9	25.2
Others	12.7	13.0	12.6

FII Includes depository receipts

Earnings above our estimates; cost pass-through and currencyrelated benefits drive margin

TP: INR3,250 (+13%)

### Commercial launch of EVs in three segments to begin from Dec'22

- TIINDIA's 2QFY23 performance was driven by benefit of cost pass-through and currency-related benefits, despite lower revenue. The traction in revenue is expected to continue, led by a recovery in underlying Auto volumes, though exports may be subdued in the near term. Its EV program is on track, with e-3W and e-HCV bookings starting from Dec'22.
- We have raised our FY23/FY24 EPS estimate by 4%/1% to reflect the benefit of lower commodity prices and a favorable INR. We maintain our Buy rating with a TP of INR3,250 (Dec'24E SoTP-based).

### **Gross margin improvement drives PAT beat**

CMP: INR2,879

- Standalone revenue/EBITDA/adjusted PAT grew 14%/30%/32% YoY to INR19.1b/INR2.5b/INR1.6b. The same grew 32%/30%/35% YoY in 1HFY23.
- Gross margin improved by 1.8pp YoY and 4.8pp QoQ to 36.8%, driven by settlement of commodity pass-through and a favorable INR. EBITDA rose 30% YoY to INR2.5b (above our estimate). EBITDA margin improved by 1.6pp YoY to 13.2% (est. 10.8%).
- Despite a lower-than-estimated other income and higher tax, adjusted PAT grew 32% YoY to INR1.6b (est. INR1.5b).
- It also reported an exceptional item of INR234.5m for an impairment provision in respect of investments made in its Sri Lankan subsidiary.
- Revenue from the **Engineering** business grew 16% YoY to INR11.9b (est.INR12.3b). PBIT margin stood at 13.8% (est. 10.5%) v/s 10% in 2QFY22.
- Revenue from the **Metal Formed** business grew 13% YoY to INR3.7b (est. INR3.4b). PBIT margin stood at 12.9% (est. 11.5%) v/s 11.9% in 2QFY22.
- Revenue from the **Mobility** business declined by 14% YoY to INR2.3b (est. INR2.8b). PBIT margin stood at 4.4% (est. 5%) v/s 7.6% in 2QFY22.
- CFO improved to INR3.5b in 1HFY23 (v/s INR900m in 1HFY22) due to a reduction in working capital and a strong operating performance. FCFF improved significantly to INR2.55b (from INR358m in 1HFY22), despite a higher capex of INR944m (v/s INR541m in 1HFY22).
- Consolidated revenue/EBITDA/adjusted PAT grew 16%/38%/44% YoY to INR38b/INR5.2b/INR2.9b (est. INR32.6b/INR3.8b/INR2b).

### Highlights from the management commentary

- Volumes in the Engineering business grew 20% YoY. However, exports were impacted due to inventory destocking due to subdued demand in key markets, impacting near-term revenue.
- Volumes in the Metal Formed business grew 12% YoY. The Railway segment didn't see any recovery in 2QFY23, but the management expects this segment to recover in 2HFY23.

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- The initial response of Montra e-3W has been positive. It will commence bookings from Dec'22, starting with 40 dealers in South India (Tamil Nadu, Kerala, Andhra Pradesh, and Telangana). It plans to expand into other markets from 1QFY24. It already has a tie-up with three financiers and will look to expand its financing tie-ups.
- The LEAP project for reducing costs began nine months back and has started yielding results, which was reflected in its 2QFY23 earnings. This is a three-year exercise, with the full benefit accruing in the future.

### Valuation and view

- TIINDIA offers diversified revenue streams, with a strong growth in the core business (~34% standalone PAT CAGR over FY22-25), ramp-up in CGPOWER, and optionality of new businesses incubated under its TI-2 strategy.
- The stock trades at 46.6x/35.8x FY23E/FY24E consolidated EPS. We maintain our Buy rating and TP of ~INR3,250 (premised on Dec'24E SoTP, based on 35x for the standalone business and valuing listed subsidiaries at a 20% holding company discount).

Standalone quarterly performance (INR m) Y/E March FY22 FY23 FY22 FY23E FY23E 2Q **3Q 4Q 1Q** 2Q 3QE 4QE 2QE **1Q Net Sales** 12,567 16,667 17,014 17,345 19,570 19,059 19,358 20,639 63,495 78,625 19,964 Change (YoY %) 231.8 53.3 29.9 17.2 55.7 14.4 13.8 19.0 49.2 23.8 19.8 RM Cost (as a percentage of sales) 61.5 65.0 66.6 66.3 68.0 63.2 0.0 -122.962.5 0.0 0.0 Staff Cost (as a percentage of sales) 9.4 7.7 7.4 7.7 7.0 7.6 0.0 -13.6 8.0 0.0 0.0 Other Expenses (as a percentage of sales) 16.6 15.7 15.0 15.9 14.6 16.0 0.0 0.0 15.8 87.6 0.0 **Total Expenditure** 10,991 14,738 15,150 15,602 17,530 16,547 0 -28,177 54,753 68,882 0 **EBITDA** 1,576 1,928 1,865 1,744 2,040 2,512 2,488 2,703 8,743 9,743 2,159 Margin (%) 12.5 11.6 11.0 10.1 10.4 13.2 12.9 13.1 13.8 12.4 10.8 1,385 Depreciation 354 360 369 367 325 346 355 359 1,450 335 30 29 38 32 10 130 32 Interest 22 36 52 118 109 97 377 175 736 200 Other Income 153 120 145 134 573 1,302 1,611 2,467 1,992 **PBT before EO expense** 1,637 1,731 1,800 2,258 2,276 7,911 8,801 423 406 368 457 599 588 570 1.472 2.213 499 Tax 332 Tax Rate (%) 25.5 25.8 25.2 21.2 25.4 29.6 25.8 23.1 18.6 25.8 25.0 1,214 1,599 **Adjusted PAT** 970 1,204 1,364 1,343 1,688 1,898 4,710 6,527 1,494 Change (YoY %) -284.3 -2.1 38.5 40.2 39.2 62.6 26.6 12.5 31.7 38.6 23.0

	FY23						FY22	FY23E	FY23E		
•	1Q	2Q	3Q	4Q	1Q	2Q	3QE	4QE			2QE
Mobilty business	1,723	2,623	2,802	2,485	2,456	2,261	2,382	2,637	9,633	9,735	2,755
Growth (%)	71.7	23.8	19.8	(17.3)	42.5	(13.8)	(15.0)	6.1	13.8	1.1	5.0
PBIT margin (%)	4.0	7.6	5.5	5.1	3.9	4.4	5.5	5.5	5.7	4.8	5.0
Contribution (%)	13.7	15.7	16.5	14.3	12.6	11.9	12.3	12.8	15.1	12.4	13.8
Engineering business	8,146	10,266	9,964	10,303	12,437	11,924	11,957	12,909	38,680	49,227	12,320
Growth (%)	397.1	81.6	35.9	20.6	52.7	16.1	20.0	25.3	67.0	27.3	20.0
PBIT margin (%)	10.2	10.0	8.8	10.0	9.5	13.8	13.0	13.0	9.7	12.3	10.5
Contribution (%)	64.8	61.6	58.5	59.4	63.5	62.6	61.8	62.5	60.8	62.6	61.7
Metal Formed business	2,452	3,283	3,304	3,365	3,348	3,710	3,634	3,610	12,403	14,302	3,447
Growth (%)	152.6	15.2	5.0	0.3	36.6	13.0	10.0	7.3	20.2	15.3	5.0
PBIT margin (%)	10.7	11.9	9.7	11.5	11.5	12.9	13.0	13.0	11.0	12.6	11.5
Contribution (%)	19.5	19.7	19.4	19.4	17.1	19.5	18.8	17.5	19.5	18.2	17.3
Other business	879	1,192	1,601	1,944	2,226	1,879	2,082	2,333	5,624	8,520	2,146
Growth (%)	192.0	74.2	102.8	136.8	153.2	57.6	30.0	20.0	116.6	51.5	80.0
PBIT margin (%)	11.4	10.0	6.6	2.0	7.6	4.3	4.5	4.8	6.5	5.3	5.0
Contribution (%)	7.0	7.2	9.4	11.2	11.4	9.9	10.8	11.3	8.8	10.8	10.7

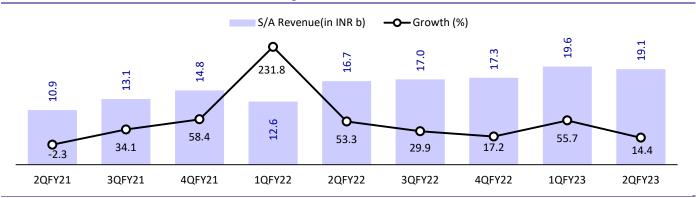
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### Highlights from the management commentary

- Volumes in the Engineering business grew 20% YoY. However, exports were impacted due to inventory destocking due to subdued demand in key markets.
- Volumes in the Metal Formed business grew 12% YoY. The Railway segment didn't see any recovery in 2QFY23, but the management expects this segment to recover in 2HFY23.
- Volumes in the Cycles business declined in 2QFY23, which also impacted margin.
- The initial response of Montra e-3W has been positive. It will commence bookings from Dec'22, starting with 40 dealers in South India (Tamil Nadu, Kerala, Andhra Pradesh, and Telangana). It plans to expand into other markets from 1QFY24. It already has a tie-up with three financiers and will look to expand its financing tie-ups.
- e-HCV (IPL Tech Electric) sales will begin from Dec'22. It initially aims to sell 30-50 Trucks per month, with a ramp-up after the start of the new plant in 1QFY24.
- In the e-Tractor business (Celestial), it plans to launch a small Tractor for niche use by 1QFY24.
- For EV batteries, while it will continue to outsource cells, it plans to eventually insource battery packs and BMS.
- The ramp up in the Optic Lens business has been slower than expected. It has got four out of six processes validated and has begun production for the first customer. Apart from the having a common management, there is limited synergies between the Automotive Optic Lens business and the recently acquired Moshine Electronics (mobile phone camera module).
- Gross margin expanded due to the benefit of the pending settlement of cost pass through and as well as a currency-related benefit.
- The LEAP project for reducing costs began nine months back and has started yielding results, which was reflected in its 2QFY23 earnings. This is a three-year exercise, with the full benefit accruing in the future.

Exhibit 1: Trend in standalone revenue and revenue growth

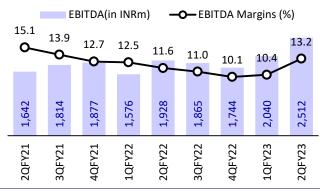


Source: Company, MOFSL

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**Exhibit 2: Trend in consolidated EBITDA margin** 

# 50.8 36.8 6.3



PAT (in INRm ) **—O—** PAT growth (%) 31.7 26.6 12.5 -2.1 1,343 1,393 1,214 1,599 1,071 1,204 1,364 959 -284.3 2QFY22 2QFY21 4QFY21 3QFY22 4QFY22 1QFY23 3QFY21 1QFY22 **2QFY23** 

Source: Company, MOFSL Source: Company, MOFSL

Exhibit 3: Trend in PAT and PAT growth

### Valuation and view

- TIINDIA offers a robust growth story, led by: a) reasonable growth in its core business, b) leveraging the strong cash flows in its core business (TI-1) to systematically incubate future growth platforms (TI-2), and c) the opportunistic acquisition of stressed assets (TI-3) at attractive prices.
- Since Mr. Vellayan Subbiah appointment as Managing Director in Mar'17 (promoted to Executive Vice Chairman in Mar'22), TIINDIA has delivered a strong operating performance (~300bp EBIT margin expansion, ~24% PAT CAGR over FY17-22, and core RoCE improvement of over 9pp to ~47%), despite operating in a challenging environment over the last three years. After delivering on the core business (TI-1), Mr. Subbiah now focuses on new businesses (TI-2 and TI-3), whereas Mr. Mukesh Ahuja (MD since Apr'22, former President of Tube Products of India) will take care of the core business. New acquisitions like IPL Tech Electric and Moshine Electronics are part of its strategy to ramp up in the TI-2 side of the business.
- For the standalone business, we expect 19% revenue CAGR over FY22-25 and 28% EBITDA CAGR, led by EBITDA margin expansion of 290bp to 13.9% (v/s a peak of 12.8% in FY20), driven by improving mix, operating leverage, and 'lean' project initiatives. As a result, we expect 34% PAT CAGR over FY22-25.
- At the consolidated level, we expect a revenue/EBITDA/PAT CAGR of ~17%/23%/25% over FY22-25, on a high base of FY22, where CGPOWER delivered a robust performance. We expect consolidated RoCE to improve by 7.7pp to 40.1% by FY25. We are not building in any benefit from new ventures under TI-2 (except the Lens business, which is part of the Others) in our consolidated performance. Based on our DCF-based estimates, we see a potential value of ~INR84 per share from e-3Ws and the Tractor business.
- Valuation and view: We have raised our FY23/FY24 EPS estimate by 4%/1% to reflect the benefit of lower commodity prices and a favorable INR. TIINDIA offers diversified revenue streams, with a strong growth in the core business (~34% standalone PAT CAGR over FY22-25), ramp-up in CGPOWER, and optionality of new businesses incubated under its TI-2 strategy. The stock trades at 46.6x/35.8x FY23E/FY24E consolidated EPS. We maintain our Buy rating and TP of ~INR3,250 (premised on Dec'24E SoTP, based on 35x for the standalone business and valuing listed subsidiaries at a 20% holding company discount).

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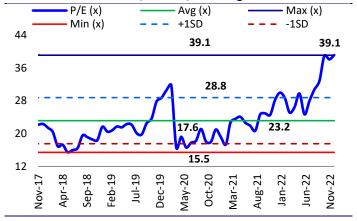
**Exhibit 4: Revised estimates (consolidated)** 

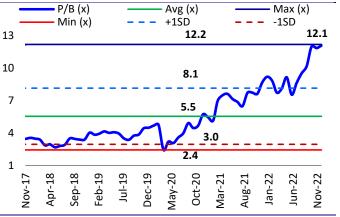
(INR b)		FY23E			FY24E	
	Revised	Old	Change (%)	Revised	Old	Change (%)
Net sales	149.8	151.4	-1.0	172.6	174.1	-0.9
EBITDA margin (%)	12.5	11.9	70bp	13.1	12.9	20bp
PAT	11.8	11.4	3.8	15.4	15.2	1.1
EPS (INR)	61.1	58.9	3.8	79.7	78.9	1.1

**Exhibit 5: SoTP-based TP** 

SoTP (INR/share)		FY23E	FY24E	FY25E
Value of the standalone business at 35x EPS	P/E at 35x	1,195	1,667	2,065
Value of the e-3W business			122	136
Value of the e-Tractor business			93	105
Value of listed subsidiaries post after levying a holding company discount	20%			
Shanthi Gears	394.1	88	88	88
CG Power	253.5	934	934	934
Fair value (INR/share)		2,218	2,904	3,329
TP at Dec'24			3,250	
Upside (%)			13.0	

Exhibit 6: Valuations - P/E and P/B trading band





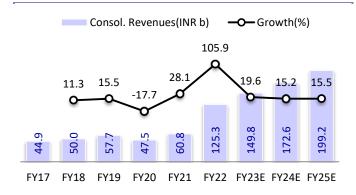
Source: Bloomberg, MOFSL

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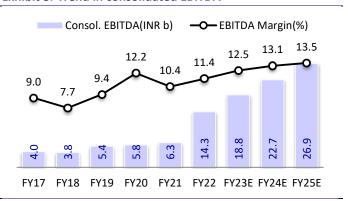
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## **Story in charts**

### **Exhibit 7: Trend in consolidated sales**



### **Exhibit 8: Trend in consolidated EBITDA**



**Exhibit 9: Trend in consolidated PAT** 

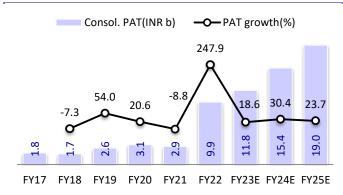


Exhibit 10: Trend in consolidated capital efficiency

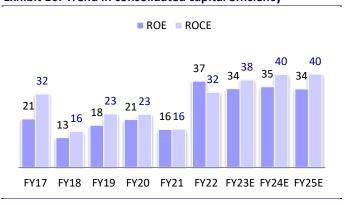


Exhibit 11: Trend in FCF (INR b)

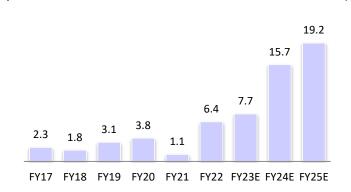
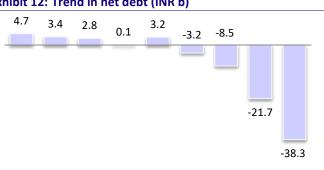


Exhibit 12: Trend in net debt (INR b)



FY17 FY18 FY19 FY20 FY21 FY22 FY23E FY24E FY25E

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### **Financials and valuations**

**Total Investments** 

**Account Receivables** 

Loans and Advances

**Account Payables** 

**Net Current Assets** 

**Deferred Tax assets** 

**Appl. of Funds** 

Curr. Liability & Prov.

Other Current Liabilities

Cash and Bank Balance

Inventory

**Provisions** 

Curr. Assets, Loans&Adv.

Consolidated - Income Statement						(II	NR Million)
Y/E March	FY19	FY20	FY21	FY22	FY23E	FY24E	FY25E
Net Op. Revenues	57,748	47,504	60,833	1,25,253	1,49,815	1,72,551	1,99,227
Change (%)	15.5	-17.7	28.1	105.9	19.6	15.2	15.5
EBITDA	5,447	5,785	6,347	14,338	18,758	22,653	26,871
Margin (%)	9.4	12.2	10.4	11.4	12.5	13.1	13.5
Depreciation	1,616	1,853	2,506	3,492	3,629	3,834	4,046
EBIT	3,831	3,932	3,841	10,846	15,129	18,819	22,825
Interest charges	528	304	459	583	394	422	447
Other Income	532	623	681	1,086	993	2,107	2,981
PBT bef. EO Exp.	3,835	4,252	4,064	11,349	15,727	20,504	25,358
EO Income/(Exp)	30	-220	-419	202	0	0	0
PBT after EO Exp.	3,865	4,032	3,645	11,551	15,727	20,504	25,358
Current Tax	1,228	1,144	1,074	1,731	3,932	5,126	6,339
Deferred Tax	40	-244	-286	-123	0	0	0
Tax Rate (%)	32.8	22.3	21.6	13.9	25.0	25.0	25.0
Reported PAT	2,508	3,133	2,858	9,914	11,796	15,378	19,018
Adjusted PAT	2,488	3,303	3,186	9,740	11,796	15,378	19,018
Change (%)	57.5	32.8	-3.6	205.7	21.1	30.4	23.7
Margin (%)	4.3	7.0	5.2	7.8	7.9	8.9	9.5
Consolidated - Balance Sheet							
Y/E March	FY19	FY20	FY21	FY22	FY23E	FY24E	FY25E
Equity Share Capital	188	188	193	193	193	193	193
Total Reserves	14,566	17,149	21,525	30,518	38,640	49,393	62,722
Net Worth	14,754	17,337	21,718	30,711	38,833	49,586	62,915
Total Loans	5,079	2,694	13,262	8,038	8,038	8,038	8,038
Capital Employed	19,833	20,031	34,979	38,748	46,871	57,624	70,952
Gross Block	17,126	19,753	39,006	40,078	43,990	47,620	51,250
Less: Accum. Deprn.	6,049	7,820	10,353	13,584	17,212	21,047	25,093
Net Fixed Assets	11,077	11,933	28,654	26,494	26,778	26,574	26,157
Capital WIP	689	585	1,353	1,283	1,000	1,000	1,000

1,762

16,989

8,148

6,806

1,474

13,024

9,614

2,675

3,965

20,795

735

211

560

2,266

12,927

5,586

5,246

1,716

9,970

6,959

2,371

2,957

20,939

640

106

378

4,267

37,592

11,094

12,785

5,755

7,958

51,914

22,570

26,312

3,032

7,592

38,447

-14,322

5,537

43,722

13,271

17,853

5,727

6,871

43,432

23,432

17,717

2,283

5,136

45,363

289

5,537

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18,470

22,575

10,971

7,491

48,813

24,057

22,472

2,283

10,694

5,136

55,768

5,537

80,127

21,273

26,001

24,225

8,628

55,682

27,516

25,883

2,283

24,446

5,136

69,315

5,537

1,05,366

24,562

30,021

40,822

9,961

63,805

31,638

29,884

2,283

41,561

5,136

86,014

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## **Financials and valuations**

**CF from Fin. Activity** 

Inc/Dec of Cash

Opening Balance

**Closing Balance** 

Ratios							
Y/E March	FY19	FY20	FY21	FY22	FY23E	FY24E	FY25E
Basic (INR)							
EPS	13.2	17.6	16.5	50.5	61.1	79.7	98.6
Cash EPS	21.9	27.4	29.5	68.6	80.0	99.6	119.6
BV/Share	78.6	92.3	112.6	159.2	201.3	257.1	326.2
DPS	2	4	4	4	7	9	12
Payout (%)	19.9	21.0	23.6	6.8	11.2	11.9	12.2
Valuation (x)							
P/E	215.1	162.1	172.5	56.4	46.6	35.8	28.9
Cash P/E	130.4	103.9	96.5	41.5	35.6	28.6	23.8
P/BV	36.3	30.9	25.3	17.9	14.2	11.1	8.7
EV/Sales	9.3	11.3	9.2	4.4	3.7	3.1	2.6
EV/EBITDA	99.1	93.0	87.8	38.5	29.2	23.6	19.2
Dividend Yield (%)	0.1	0.1	0.1	0.1	0.2	0.3	0.4
FCF per share	16.5	20.1	5.8	33.2	39.8	81.1	99.3
Return Ratios (%)							
RoIC	21.5	27.2	20.4	42.7	46.1	49.4	48.4
RoE	18.1	20.6	16.3	37.2	33.9	34.8	33.8
RoCE	23.0	22.9	16.4	32.4	37.7	40.1	40.1
Working Capital Ratios							
Fixed Asset Turnover (x)	3.4	2.4	1.6	3.1	3.4	3.6	3.9
Asset Turnover (x)	2.8	2.3	1.6	2.8	2.7	2.5	2.3
Inventory (Days)	51	43	67	39	45	45	45
Debtor (Days)	43	40	77	52	55	55	55
Creditor (Days)	61	53	135	68	59	58	58
Working Cap. Turnover (Days)	22	20	-120	-16	-1	0	1
Consolidated - Cash Flow Statement						(INF	R Million)
Y/E March	FY19	FY20	FY21	FY22	FY23E	FY24E	FY25E
OP/(Loss) before Tax	3,865	4,032	3,645	11,518	15,727	20,504	25,358
Depreciation	1,616	1,715	2,506	3,492	3,629	3,834	4,046
Interest & Finance Charges	528	304	459	583	394	422	447
Direct Taxes Paid	-1,182	-1,223	-990	-1,149	-3,932	-5,126	-6,339
(Inc)/Dec in WC	250	1,162	-3,157	-5,209	-5,233	-497	-518
Others	-146	-28	108	-462	719	146	-213
CF from Operating	4,930	5,961	2,572	8,773	11,305	19,283	22,781
(Inc)/Dec in FA	-1,835	-2,191	-1,449	-2,369	-3,630	-3,630	-3,630
Free Cash Flow	3,095	3,770	1,123	6,404	7,675	15,653	19,151
(Pur)/Sale of Investments	-275	-344	-2,169	-883	0	0	0
Others	158	76	170	2,459	993	2,107	2,981
CF from Investments	-1,953	-2,459	-3,448	-793	-2,637	-1,523	-649
Issue of Shares	26	40	3,472	33	0	0	0
Inc/(Dec) in Debt	-1,543	-1,744	439	-6,147	0	0	0
Interest Paid	-631	-281	-337	-591	-394	-422	-447
Dividend Paid	-657	-1,059	-423	-724	-1,318	-1,831	-2,320
Others	0	204	2,658	-1,565	0	0	0

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-2,841

661

-311

350

5,809

4,933

5,282

350

-8,993

-1,014

5,282

4,269

-1,712

6,956

4,269

11,225

-2,253

15,507

11,225

26,732

-2,767

19,364

26,732

46,096

-2,804

174

-485

-311

Explanation of Investment Rating	
Investment Rating	
BUY	
SELL	
NEUTRAL	
UNDER REVIEW	
NOT RATED	ut we refrain from assigning recommendation

\*In case the recommendation given by the Research Analyst is inconsistent with the investment rating legend for a continuous period of 30 days, the Research Analyst shall be within following 30 days take appropriate measures to make the recommendation consistent with the investment rating legend.

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