

India

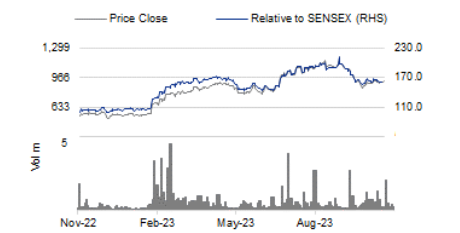
REDUCE (no change)

Consensus ratings*:	Buy 5	Hold 2	Sell 2
Current price:	Rs926		
Target price:	Rs809		
Previous target:	Rs841		
Up/downside:	-12.6%		
InCred Research / Consensus:	-31.1%		
Reuters:	FNXC.NS		
Bloomberg:	FNXC IN		
Market cap:	US\$1,699m	Rs141,637m	
Average daily turnover:	US\$6.8m	Rs567.6m	
Current shares o/s:	152.9m		
Free float:	64.1%		

*Source: Bloomberg

Key changes in this note

- FY24F revenue/EBITDA/PAT raised by 1.4%/3.7%/3.4%.
- FY25F revenue/EBITDA/PAT raised by 3.1%/5%/2.2%.



Source: Bloomberg

Price performance	1M	3M	12M
Absolute (%)	(0.8)	(13.3)	63.2
Relative (%)	(1.6)	(14.2)	52.0

Major shareholders	% held
Promoters	35.9
Finolex Industries Limited	14.5
Nippon India MF	3.5

Research Analyst(s)



Rahul AGARWAL
T (91) 22 4161 1553
E rahul.agarwal@incredresearch.com

Harshit SARAWAGI
T (91) 22 4161 0000
E harshit.sarawagi@incredresearch.com

Finolex Cables

Steady 2Q; looming family conflict not good

- 2QFY24 actuals largely in line with expectations. Gross margin recovery aided margins. Electrical wire sales volume: +10% yoy; power cables: +37% yoy.
- Capex of ~Rs5bn across electrical & communication cable segments on track & will be incurred by Mar 2025F. The additional revenue potential is ~Rs20bn.
- Given the C&W upcycle, we expect core business FY23-26F EPS CAGR of 20%. However, the looming promoter family row bothers us. Retain REDUCE.

No surprises in 2Q; wire volume grows 10% yoy, gross margin better

Finolex Cables' (FCL) 2QFY24 consol. revenue/EBITDA/PAT stood at Rs11.8bn/Rs1.5bn/Rs1.4bn, +9%/48%/156% yoy, respectively, albeit on an eroded base quarter. EBITDA beat our estimate by 10% owing to better gross margin. Electrical cable/communication cable revenue stood at Rs9.8bn/Rs1.4bn, +13%/ (14%) yoy, respectively. The electrical cable segment's EBIT margin was at 14.2%, +418bp yoy. Consol. gross/EBITDA margin stood at 22.3%/12.3%, +351bp/+326bp yoy, respectively. Electrical wire sales volume grew 10% yoy while power cable sales volume grew 37% yoy. Sales volume of metal-based communication cables was flat yoy while optical fibre volume fell yoy due to the delay in order inflow. The FMEG segment's revenue stood at Rs549m, +14% yoy, with the EBIT margin at 1.6%, +53bp yoy. Other income was at Rs388m, 2.3x yoy, which included one-time profit from the sale of equity stake in a joint venture (optic fibre JV with Corning) of Rs126m. Net working capital improved significantly to 34 days of TTM sales. Net cash (incl. liquid investments) was ~Rs28bn as of end-Sep 2023.

Incremental Rs4bn of capex outlay across segments

Most of the capex announced for electrical cables (electron beam cables) and communication cable (optic fibre preform, cable drawing towers) is on track to be incurred by Mar 2025F. New orders for optic fibre cable from private telcos and Indian government are delayed, and the bidding is expected to start in Jan 2024F, as per management. The company aims to create new OFC capacity on time and be ready to capitalize on very large new orders likely related to 5G rollout and Bharat Net connectivity program over the next two years in India. We expect a higher operating margin on incremental capex but RoCE could be at risk, given the payment delay associated with government business.

Change in our estimates, valuation and risks

We increase our revenue/EBITDA/PAT estimates by 1-5% over FY24F-25F and introduce FY26F estimates. Higher optic fibre salience increases business cyclicality, and the stock could structurally trade at a meaningful discount to its electrical C&W peers, in our view. We retain our REDUCE rating on it with a lower target price of Rs809 {Rs603 based on a P/E of 14x (25% discount to five-year mean+1SD of 18x) core FY25F EPS + Rs207/share for a 32.4% stake in Finolex Industries at a 25% discount to CMP} vs. Rs841 earlier. Upside risks: Faster and amicable settlement of promoter family's legal dispute and a sudden rise in optic fibre prices.

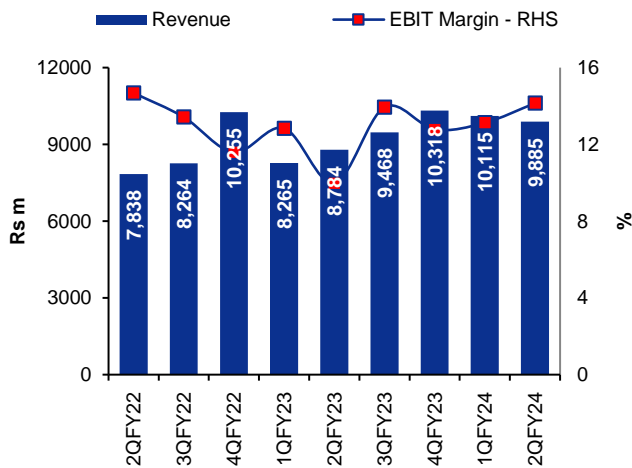
Financial Summary	Mar-22A	Mar-23A	Mar-24F	Mar-25F	Mar-26F
Revenue (Rsm)	37,681	44,811	51,710	59,005	66,915
Operating EBITDA (Rsm)	4,285	5,094	6,593	7,671	8,833
Net Profit (Rsm)	5,991	5,043	7,250	8,533	9,451
Core EPS (Rs)	33.1	33.0	43.4	53.8	61.8
Core EPS Growth	9.7%	(0.4%)	31.7%	23.9%	14.9%
FD Core P/E (x)	23.64	28.09	19.54	16.60	14.99
DPS (Rs)	6.0	7.0	8.0	9.0	10.0
Dividend Yield	0.65%	0.76%	0.86%	0.97%	1.08%
EV/EBITDA (x)	28.49	23.11	17.33	14.24	11.56
P/FCFE (x)	153.64	0.00	38.41	26.01	18.54
Net Gearing	(49.9%)	(54.8%)	(55.1%)	(57.0%)	(61.0%)
P/BV (x)	3.61	3.24	2.85	2.49	2.19
ROE	13.8%	12.2%	14.2%	15.4%	15.5%
% Change In Core EPS Estimates			(3.78%)	(5.25%)	
InCred Research/Consensus EPS (x)					

SOURCE: INCRED RESEARCH, COMPANY REPORTS

2QFY24 earnings-call highlights

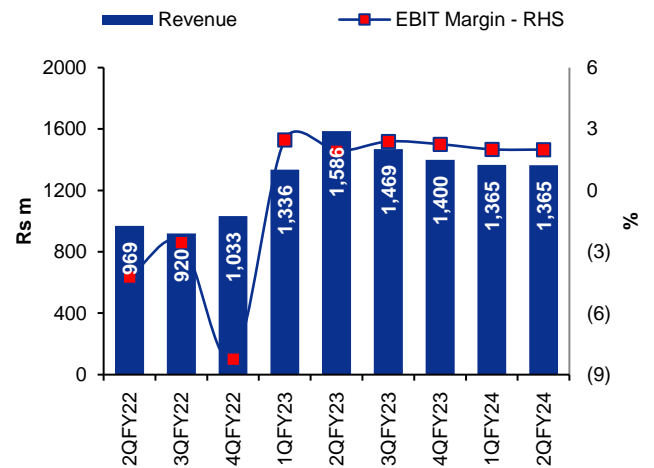
- **Growth and margin outlook:** Management expects 2HFY24F to be better vs. 1H, like the past trends. The demand for construction, industrial, agriculture and automotive cable and wires is expected to sustain its strong momentum going ahead, as per management. If input prices stay at the 2Q level, gross margin could expand by a further ~100bp in the 23-24% range. The electrical cable segment's EBIT margin is expected to sustain the 13.5-14% range going ahead.
- **Change in the board of directors:** The reappointment of Mr. Deepak Chhabria (part of the promoter family) as the whole-time director and designated also as the executive chairman of the board was voted against by the shareholders at the 55th annual general meeting or AGM of the company. Pursuant to orders passed by the Honourable Supreme Court of India and National Company Law Appellate Tribunal (NCLAT) in this regard, Mr. Deepak Chhabria has ceased to be whole-time director designated as 'executive chairman' of the company with effect from 16 Oct 2023. The board, at its meeting held on 19 Oct 2023, appointed Mr. Nikhil Naik, non-executive director of the company, as chairman of the board with immediate effect and until conclusion of the next AGM of the company.
- **Capacity utilization:** The overall capacity utilization stood at ~60% across product segments, as per management's estimate, in 2QFY24.
- **Price cuts:** FCL made price cuts in the range of 3-4% for electrical cables in Oct 2023, given the softening copper prices.
- **FMEG segment update:** Lighting, switches and conduit product sales did well while appliances, including fans, had a soft 2Q. FCL intends to increase the spending on branding in the festive season in 2HFY24F. Meaningful EBIT breakeven of the segment can be achieved at a revenue run-rate of ~Rs200m/month.
- **Optic fibre business outlook:** Communication cable revenue declined by 14% yoy in 2Q due to the delay in government and private telco tenders related to the layout of optic fibre for 5G rollout and better internet connectivity in smaller towns (via Bharat Net program). Management expects the tender bidding to start around Dec 2023F/Jan 2024F. The anti-dumping duty levied on optical fibre cable or OFC imports from China, Indonesia and Vietnam has not yielded meaningful benefits in 2Q. The OFC pricing remains at ~US\$3.15/fkm and management expects it to recover over the next six months, leading to higher margins.
- **OFC JV final exit:** FCL has fully exited its long-standing joint venture with Corning for the manufacture of optic fibre in 2Q. The liquidation proceeds of Rs142m were received and the company recognized profit on the sale to the tune of Rs126m as one-time income in 2QFY24.
- **Distribution network:** FCL had ~700 distributors and 66k active retailers at the end of Sep 2023.
- **Cash conversion cycle:** Net working capital cycle improved significantly to 34 days of TTM sales at end of Sep 2023 vs. 55 days at the end of Mar 2023. Management indicated this to be a result of the benefits accruing from the engagement with consultants focused on improving inventory management. However, the company expects 50 days of sales as the normalized cash conversion cycle to sustain in the long term. Net cash, including liquid investments, stood at ~Rs28bn at the end of Sep 2023.

Figure 1: Electrical cable revenue and margin trend



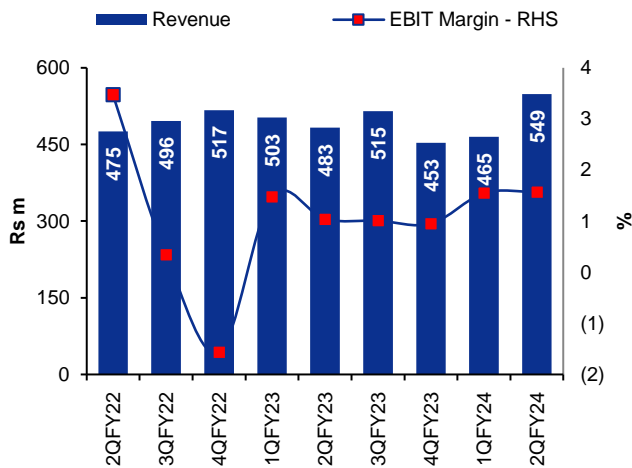
SOURCE: INCRED RESEARCH, COMPANY REPORTS

Figure 2: Communication cable revenue and margin trend



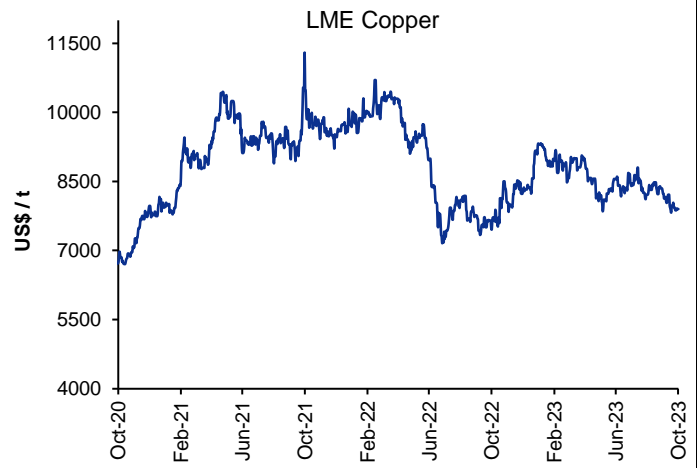
SOURCE: INCRED RESEARCH, COMPANY REPORTS

Figure 3: Others (FMEG) revenue and margin trend



SOURCE: INCRED RESEARCH, COMPANY REPORTS

Figure 4: Copper price trend



SOURCE: INCRED RESEARCH, COMPANY REPORTS

Figure 5: 2QFY24 results snapshot

Y/E Mar (Rs m)	2QFY24	2QFY23	yoy (%)	1QFY24	qoq (%)	H1FY24	H1FY23	yoy (%)
Revenue	11,874	10,908	8.9	12,043	(1.4)	23,917	21,065	13.5
EBITDA	1,461	987	48.1	1,465	(0.3)	2,926	2,178	34.4
EBITDA margin (%)	12.3	9.0	326 bp	12.2	14 bp	12.2	10.3	190 bp
Adj. PAT	1,416	554	155.7	1,604	(11.7)	3,020	1,750	72.6
Diluted EPS (Rs)	9.3	3.6		10.5		19.8	11.4	

SOURCE: INCRED RESEARCH, COMPANY REPORTS

Figure 6: 2QFY24 segmental results snapshot

YE Mar (Rs m)	2QFY24	2QFY23	yoy (%)	1QFY24	qoq (%)	H1FY24	H1FY23	yoy (%)
Revenue								
Electrical Cables	9,885	8,784	12.5	10,115	(2.3)	20,000	17,049	17.3
Communication Cables	1,365	1,586	(14.0)	1,365	(0.0)	2,730	2,922	(6.6)
Copper rods	4,473	2,616	71.0	3,831	16.7	8,303	5,609	48.1
Others(FMEG)	549	483	13.7	465	18.0	1,013	985	2.9
Inter-segment revenues	4,397	2,561	71.7	3,733	17.8	8,130	5,500	47.8
Total	11,874	10,908	8.9	12,043	(1.4)	23,917	21,065	13.5
EBIT								
Electrical Cables	1,399	876	59.7	1,328	5.3	2,727	1,937	40.8
Communication Cables	27	30	(10.3)	27	(0.7)	54	63	(13.9)
Copper rods	9	5	69.8	8	16.9	17	20	(17.7)
Others(FMEG)	9	5	72.0	7	19.4	16	12	27.4
Total	1,444	916	57.5	1,370	5.4	2,814	2,033	38.4
EBIT margin (%)								
Electrical Cables	14.2	10.0	418 bps	13.1	102 bps	13.6	11.4	227 bps
Communication Cables	2.0	1.9	8 bps	2.0	-1 bps	2.0	2.2	-17 bps
Copper rods	0.2	0.2	0 bps	0.2	0 bps	0.2	0.4	-16 bps
Others(FMEG)	1.6	1.0	53 bps	1.5	2 bps	1.6	1.3	30 bps
Total	8.9	6.8	207 bps	8.7	19 bps	11.8	9.7	211 bps

SOURCE: INCRED RESEARCH, COMPANY REPORTS

Figure 7: Actuals vs. our estimates

Rs m	2QFY24	2QFY24F	Var (%)
Revenue	11,874	11,790	0.7
EBITDA	1,461	1,326	10.2
EBITDA margin (%)	12.3	11.3	105 bp
Adj. PAT	1,416	1,416	(0.0)

SOURCE: INCRED RESEARCH ESTIMATES, COMPANY REPORTS

Figure 8: Actuals vs. Bloomberg consensus

Rs m	2QFY24	2QFY24C	Var (%)
Revenue	11,874	12,408	(4.3)
EBITDA	1,461	1,494	(2.2)
EBITDA margin (%)	12.3	12.0	27 bp
Adj. PAT	1,416	1,665	(14.9)

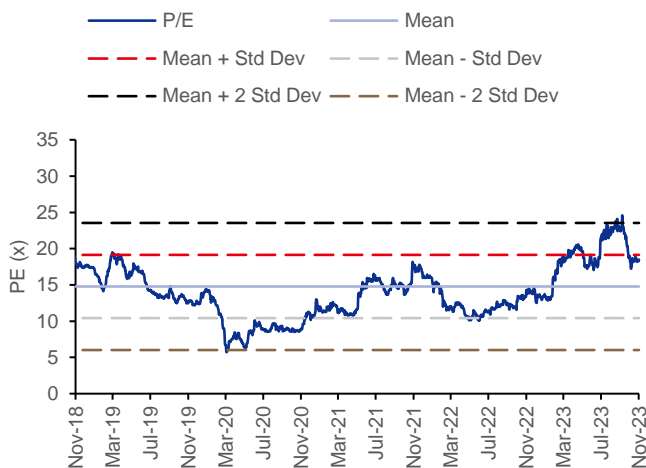
SOURCE: INCRED RESEARCH, COMPANY REPORTS, BLOOMBERG

Figure 9: Our revised earnings estimates

	New estimates			Old estimates			Change (%)		
	FY24F	FY25F	FY26F	FY24F	FY25F	FY26F	FY24F	FY25F	FY26F
Revenue	51,710	59,005	66,915	50,991	57,211	NA	1.4	3.1	NA
EBITDA	6,593	7,671	8,833	6,356	7,303	NA	3.7	5.0	NA
EBITDA margin (%)	12.8	13.0	13.2	12.5	12.8	NA	28 bp	23 bp	NA
Adjusted consol. PAT	6,440	8,128	9,451	6,227	7,954	NA	3.4	2.2	NA
EPS	42.1	53.1	61.8	40.7	52.0	NA	3.4	2.2	NA

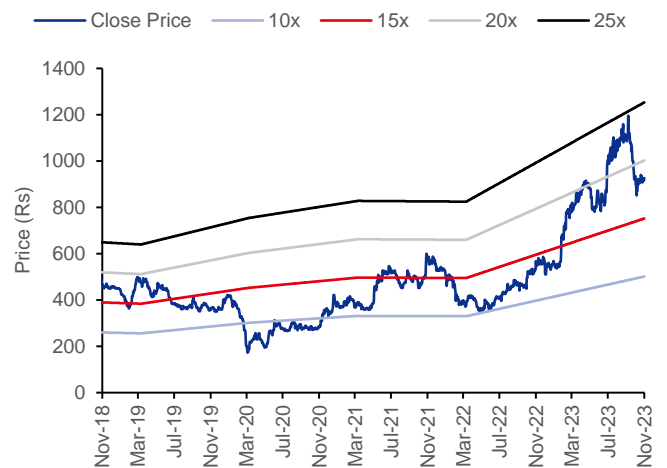
SOURCE: INCRED RESEARCH ESTIMATES, COMPANY REPORTS

Figure 10: P/E standard deviation (five-year mean)



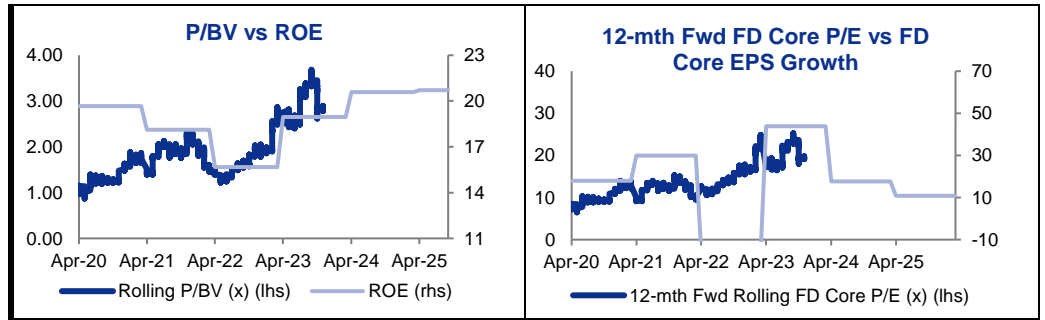
SOURCE: INCRED RESEARCH, COMPANY REPORTS, BLOOMBERG

Figure 11: P/E band (one-year forward EPS)



SOURCE: INCRED RESEARCH, COMPANY REPORTS, BLOOMBERG

BY THE NUMBERS



Profit & Loss

(Rs mn)	Mar-22A	Mar-23A	Mar-24F	Mar-25F	Mar-26F
Total Net Revenues	37,681	44,811	51,710	59,005	66,915
Gross Profit	8,019	9,366	11,376	13,335	15,190
Operating EBITDA	4,285	5,094	6,593	7,671	8,833
Depreciation And Amortisation	(389)	(464)	(492)	(654)	(775)
Operating EBIT	3,897	4,630	6,101	7,017	8,058
Financial Income/(Expense)	659	1,065	1,308	1,979	2,221
Pretax Income/(Loss) from Assoc.	2,053	700	1,348	1,871	2,212
Non-Operating Income/(Expense)	40	100	100	105	110
Profit Before Tax (pre-EI)	6,648	6,495	8,856	10,972	12,601
Exceptional Items	1,218		810	405	
Pre-tax Profit	7,866	6,495	9,666	11,377	12,601
Taxation	(1,875)	(1,452)	(2,417)	(2,844)	(3,150)
Exceptional Income - post-tax					
Profit After Tax	5,991	5,043	7,250	8,533	9,451
Minority Interests					
Preferred Dividends					
FX Gain/(Loss) - post tax					
Other Adjustments - post-tax					
Net Profit	5,991	5,043	7,250	8,533	9,451
Recurring Net Profit	5,064	5,043	6,642	8,229	9,451
Fully Diluted Recurring Net Profit	5,064	5,043	6,642	8,229	9,451

Cash Flow

(Rs mn)	Mar-22A	Mar-23A	Mar-24F	Mar-25F	Mar-26F
EBITDA	4,285	5,094	6,593	7,671	8,833
Cash Flow from Invt. & Assoc.					
Change In Working Capital	1,495	(330)	(324)	(999)	(1,084)
(Incr)/Decr in Total Provisions					
Other Non-Cash (Income)/Expense					
Other Operating Cashflow	929	596	3,566	4,360	4,544
Net Interest (Paid)/Received	(659)	(479)	(1,308)	(1,979)	(2,221)
Tax Paid	(1,320)	(1,318)	(2,417)	(2,844)	(3,150)
Cashflow From Operations	4,731	3,563	6,110	6,208	6,922
Capex	(671)	(310)	(2,750)	(1,763)	(526)
Disposals Of FAs/subsidiaries	3	(3,245)			
Acq. Of Subsidiaries/Investments	(4,302)	810	(1,000)	(1,000)	(1,000)
Other Investing Cashflow	1,187		1,328	2,000	2,243
Cash Flow From Investing	(3,783)	(2,435)	(2,422)	(762)	717
Debt Raised/(repaid)	(25)	(12)			
Proceeds From Issue Of Shares		(39)			
Shares Repurchased					
Dividends Paid	(838)		(1,224)	(1,377)	(1,530)
Preferred Dividends					
Other Financing Cashflow	(6)	(915)	(20)	(21)	(22)
Cash Flow From Financing	(869)	(927)	(1,244)	(1,398)	(1,552)
Total Cash Generated	78		2,444	4,048	6,087
Free Cashflow To Equity	922	3,688	5,445	5,445	7,639
Free Cashflow To Firm	932	3,668	3,668	5,424	7,617

SOURCE: INCRED RESEARCH, COMPANY REPORTS

BY THE NUMBERS...cont'd

Balance Sheet					
(Rs mn)	Mar-22A	Mar-23A	Mar-24F	Mar-25F	Mar-26F
Total Cash And Equivalents	19,569	23,943	27,387	32,435	39,523
Total Debtors	1,772	2,178	2,550	2,910	3,300
Inventories	6,531	6,746	7,792	8,891	10,083
Total Other Current Assets	1,020	1,001	708	808	917
Total Current Assets	28,891	33,868	38,438	45,045	53,822
Fixed Assets	3,697	4,218	4,935	7,544	7,295
Total Investments	10,954	10,935	10,935	10,935	10,935
Intangible Assets	3	14	14	14	14
Total Other Non-Current Assets	1,399	770	2,310	810	810
Total Non-current Assets	16,052	15,937	18,194	19,303	19,053
Short-term Debt					
Current Portion of Long-Term Debt					
Total Creditors	1,901	2,087	2,550	2,910	3,300
Other Current Liabilities	1,017	1,078	1,417	1,617	1,833
Total Current Liabilities	2,918	3,165	3,967	4,526	5,133
Total Long-term Debt	3	3	3	3	3
Hybrid Debt - Debt Component					
Total Other Non-Current Liabilities	185	238	238	238	238
Total Non-current Liabilities	187	240	240	240	240
Total Provisions	2,617	2,695	2,695	2,695	2,695
Total Liabilities	5,723	6,101	6,902	7,462	8,069
Shareholders Equity	39,221	43,704	49,730	56,886	64,807
Minority Interests					
Total Equity	39,221	43,704	49,730	56,886	64,807

Key Ratios					
	Mar-22A	Mar-23A	Mar-24F	Mar-25F	Mar-26F
Revenue Growth	36.1%	18.9%	15.4%	14.1%	13.4%
Operating EBITDA Growth	15.8%	18.9%	29.4%	16.3%	15.2%
Operating EBITDA Margin	11.4%	11.4%	12.7%	13.0%	13.2%
Net Cash Per Share (Rs)	127.92	156.53	179.06	212.06	258.40
BVPS (Rs)	256.43	285.75	325.16	371.95	423.74
Gross Interest Cover	256.35	373.35	305.03	334.14	365.43
Effective Tax Rate	23.8%	22.4%	25.0%	25.0%	25.0%
Net Dividend Payout Ratio	13.8%	16.5%	13.8%	12.5%	12.1%
Accounts Receivables Days	17.13	16.08	16.69	16.89	16.94
Inventory Days	86.66	68.36	65.78	66.67	66.95
Accounts Payables Days	22.52	20.53	20.98	21.82	21.91
ROIC (%)	30.9%	40.2%	51.9%	48.9%	49.0%
ROCE (%)	11.7%	12.9%	15.0%	16.1%	16.2%
Return On Average Assets	14.3%	11.5%	14.2%	14.9%	15.1%

SOURCE: INCRED RESEARCH, COMPANY REPORTS

DISCLAIMER

This report (including the views and opinions expressed therein, and the information comprised therein) has been prepared by Incred Research Services Private Ltd. (formerly known as Earnest Innovation Partners Private Limited) (hereinafter referred to as "IRSPL"). IRSPL is registered with SEBI as a Research Analyst vide Registration No. INH000011024. Pursuant to a trademark agreement, IRSPL has adopted "Incred Equities" as its trademark for use in this report.

The term "IRSPL" shall, unless the context otherwise requires, mean IRSPL and its affiliates, subsidiaries and related companies. This report is not directed or intended for distribution to or use by any person or entity resident in a state, country or any jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject IRSPL and its affiliates/group companies to registration or licensing requirements within such jurisdictions.

This report is being supplied to you strictly on the basis that it will remain confidential. No part of this report may be (i) copied, photocopied, duplicated, stored or reproduced in any form by any means; or (ii) redistributed or passed on, directly or indirectly, to any other person in whole or in part, for any purpose without the prior written consent of IRSPL.

The information contained in this report is prepared from data believed to be correct and reliable at the time of issue of this report.

IRSPL is not required to issue regular reports on the subject matter of this report at any frequency and it may cease to do so or change the periodicity of reports at any time. IRSPL is not under any obligation to update this report in the event of a material change to the information contained in this report. IRSPL has not any and will not accept any, obligation to (i) check or ensure that the contents of this report remain current, reliable or relevant; (ii) ensure that the content of this report constitutes all the information a prospective investor may require; (iii) ensure the adequacy, accuracy, completeness, reliability or fairness of any views, opinions and information, and accordingly, IRSPL and its affiliates/group companies (and their respective directors, associates, connected persons and/or employees) shall not be liable in any manner whatsoever for any consequences (including but not limited to any direct, indirect or consequential losses, loss of profits and damages) of any reliance thereon or usage thereof.

Unless otherwise specified, this report is based upon reasonable sources. Such sources will, unless otherwise specified, for market data, be market data and prices available from the main stock exchange or market where the relevant security is listed, or, where appropriate, any other market. Information on the accounts and business of company(ies) will generally be based on published statements of the company(ies), information disseminated by regulatory information services, other publicly available information and information resulting from our research. Whilst every effort is made to ensure that statements of facts made in this report are accurate, all estimates, projections, forecasts, expressions of opinion and other subjective judgments contained in this report are based on assumptions considered to be reasonable as of the date of the document in which they are contained and must not be construed as a representation that the matters referred to therein will occur. Past performance is not a reliable indicator of future performance. The value of investments may go down as well as up and those investing may, depending on the investments in question, lose more than the initial investment. No report shall constitute an offer or an invitation by or on behalf of IRSPL and its affiliates/group companies to any person to buy or sell any investments.

The opinions expressed are based on information which are believed to be accurate and complete and obtained through reliable public or other non-confidential sources at the time made. (Information barriers and other arrangements may be established where necessary to prevent conflicts of interests arising. However, the analyst(s) may receive compensation that is based on his/their coverage of company(ies) in the performance of his/their duties or the performance of his/their recommendations. In reviewing this report, an investor should be aware that any or all of the foregoing, among other things, may give rise to real or potential conflicts of interest. Additional information is, subject to the duties of confidentiality, available on request. The report is not a "prospectus" as defined under Indian Law, including the Companies Act, 2013, and is not, and shall not be, approved by, or filed or registered with, any Indian regulator, including any Registrar of Companies in India, SEBI, any Indian stock exchange, or the Reserve Bank of India. No offer, or invitation to offer, or solicitation of subscription with respect to any such securities listed or proposed to be listed in India is being made, or intended to be made, to the public, or to any member or section of the public in India, through or pursuant to this report.

The research analysts, strategists or economists principally responsible for the preparation of this research report are segregated from the other activities of IRSPL. Information barriers and other arrangements have been established, as required, to prevent any conflicts of interests.

The research analysts, strategists or economists principally responsible for the preparation of this research report are segregated from the other activities of IRSPL. Information barriers and other arrangements have been established, as required, to prevent any conflicts of interests.

IRSPL may have issued other reports (based on technical analysis, event specific, short term views etc.) that are inconsistent with and reach different conclusion from the information presented in this report.

Holding of Analysts/Relatives of Analysts, IRSPL and Associates of IRSPL in the covered securities, as on the date of publishing of this report

	Analyst/ Relative	Entity/ Associates
any financial interests in the company covered in this report (subject company) and nature of such financial interest	NO	NO
actual/beneficial ownership of 1% or more in securities of the subject company at the end of the month immediately preceding the date of publication of the research report or date of the public appearance;	NO	NO
any other material conflict of interest at the time of publication of the research report or at the time of public appearance	NO	NO
received any compensation from the subject company in the past twelve months for investment banking or merchant banking or brokerage services or investment advisory or depository or distribution from the subject company in the last twelve months for products/services other than investment banking or merchant banking or broker- age services or investment advisory or depository or distribution from the subject company in the last twelve months	NO	NO
managed or co-managed public offering of securities for the subject company in the last twelve months	NO	NO
received any compensation or other benefits from the subject company or third party in connection with the research report	NO	NO
served as an officer, director or employee of the subject company	NO	NO
been engaged in market making activity for the subject company	NO	NO

Analyst declaration

- The analyst responsible for the production of this report hereby certifies that the views expressed herein accurately and exclusively reflect his or her personal views and opinions about any and all of the issuers or securities analysed in this report and were prepared independently and autonomously in an unbiased manner.
- No part of the compensation of the analyst(s) was, is, or will be directly or indirectly related to the inclusion of specific recommendations(s) or view(s) in this report or based any specific investment banking transaction.
- The analyst(s) has(have) not had any serious disciplinary action taken against him/her(them).
- The analyst, strategist, or economist does not have any material conflict of interest at the time of publication of this report.
- The analyst(s) has(have) received compensation based upon various factors, including quality, accuracy and value of research, overall firm performance, client feedback and competitive factors.

IRSPL and/or its affiliates and/or its Directors/employees may own or have positions in securities of the company(ies) covered in this report or any securities related thereto and may from time to time add to or dispose of, or may be materially interested in, any such securities.

IRSPL and/or its affiliates and/or its Directors/employees may do and seek to do business with the company(ies) covered in this research report and may from time to time (a) buy/sell the securities covered in this report, from time to time and/or (b) act as market maker or have assumed an underwriting commitment in securities of such company(ies), and/or (c) may sell them to or buy them from customers on a principal basis and/or (d) may also perform or seek to perform significant investment banking, advisory, underwriting or placement services for or relating to such company(ies) and/or (e) solicit such investment, advisory or other services from any entity mentioned in this report and/or (f) act as a lender/borrower to such company and may earn brokerage or other compensation. However, Analysts are forbidden to acquire, on their own account or hold securities (physical or uncertificated, including derivatives) of companies in respect of which they are compiling and producing financial recommendations or in the result of which they play a key part.