

Aiming for double-digit growth in FY27

18 January 2026

Tata Technologies' (TATATECH IN) Q3 revenue was aided by non-auto services, while margins were impacted by wage hike and a cybersecurity incident at JLR. The company is aiming for sequential growth of 10% in Q4 in the services segment, led by normalization of revenues at JLR, integration of ES-TEC numbers and continued growth in non-auto services revenues, which should not be challenging in our view. TATATECH is aiming for normalization of margin in Q4 and margin may revert to Q2 level of 16%. We maintain our view that in the medium term, due to planned scaling down of product investments by its anchor clients, JLR and Tata Motors, auto services revenue may come under pressure. We retain **Sell** with a lower TP of INR 490 on 22x FY28E P/E.

Growth driven by non-auto portfolio: TATATECH reported 1.2% QoQ revenue growth in USD terms and 2.3% QoQ in CC terms, while revenue declined 2.0% YoY in USD, down 1.5% YoY CC, in Q3. In terms of INR, revenue grew 3.2% QoQ and 3.7% YoY, led by INR depreciation. Vertical-wise, growth was led by the services segment (78% of overall revenue), up 2.6% QoQ USD (+1% QoQ CC organic growth), supported by earlier deal wins and 10% QoQ growth in aerospace and 19% QoQ growth in Industrial Heavy Machinery (IHM). The Technology Solutions segment declined 3.4% QoQ as a 30% QoQ rise in the products business, mainly due to year-end PLM software renewals, was more than offset by 22% QoQ decline in the education business, reflecting temporary softness in demand and elongated decision cycles, which the management expects to recoup as the pipeline remains healthy.

EBITDA margin down 160bps QoQ: EBITDA margin stood at 14.1% in Q3, impacted by annual wage revisions and a temporary revenue shortfall at a large client following a cybersecurity incident. TATATECH deliberately retained its delivery capacity to support future growth. The company recorded INR 1,398.7mn charge from the impact of new Labor Codes and INR 239.9mn of costs related to ES-Tec integration. With these headwinds largely behind and revenue momentum accelerating, TATATECH expects EBITDA margin in Q4 to recover and exceed Q2 run rate of 16.4%. LTM attrition expanded 70bps to 15.8%, while headcount rose by 178 to 12.6K.

Retain Sell with a lower TP of INR 490: We raise our USD revenue estimates for FY27E-28E by 1.0%-4% on integration of ES-TEC as well as strong growth in non-auto services revenues. The mix of non-auto services revenues (catering to ER&D need of Aerospace and Industrial heavy machinery clients) has increased from 9% to 15% and this segment has been growing at 5%+ CAGR in the past few quarters. This with ES-TEC acquisition (TATATECH is entering into VW ER&D as one of the outsourcing ER&D partners) has helped pare dependency on anchor clients, TML and JLR. However, as per our view, the contribution of anchor clients is still ~50% and this segment may continue to be weak. We thus retain **Sell** with a lower TP of INR 490 from INR 515, based on 22x (unchanged) FY28E P/E. Recovery in anchor client spend and higher-than-expected contribution from BMW JV are key risks to our call.

Key financials

YE March (INR mn)	FY24	FY25	FY26E	FY27E	FY28E
Revenue (INR mn)	51,172	51,685	53,764	60,219	65,777
YoY (%)	1,592.6	100.2	402.3	1,200.5	923.1
EBITDA (INR mn)	9,413	9,341	8,323	9,945	11,506
EBITDA margin (%)	18.4	18.1	15.5	16.5	17.5
Adj PAT (INR mn)	6,794	6,770	6,324	7,403	8,919
YoY (%)	8.9	(0.4)	(24.0)	43.8	20.5
Fully DEPS (INR)	16.7	16.7	15.6	18.2	22.0
RoE (%)	21.9	18.9	13.8	18.7	21.1
RoCE (%)	26.9	23.9	19.2	22.0	23.8
P/E (x)	38.8	39.0	41.8	35.7	29.6
EV/EBITDA (x)	27.2	27.4	30.8	25.8	22.3

Note: Pricing as on 16 January 2026; Source: Company, Elara Securities Estimate

Rating: **Sell**Target Price: **INR 490**Downside: **25%**CMP: **INR 651**

As on 16 January 2026

Key data

Bloomberg	TATATECH IN
Reuters Code	TATE.NS
Shares outstanding (mn)	406
Market cap (INR bn/USD mn)	264/2,905
EV (INR bn/USD mn)	256/2,820
ADTV 3M (INR mn/USD mn)	512/6
52 week high/low	838/592
Free float (%)	42

Note: as on 16 January 2026; Source: Bloomberg

Price chart



Source: Bloomberg

Shareholding (%)	Q3 FY25	Q4 FY25	Q1 FY26	Q2 FY26
Promoter	55.2	55.2	55.2	55.2
% Pledge	0.0	0.0	0.0	0.0
FII	3.1	3.1	4.9	5.3
DII	3.1	2.5	3.3	2.9
Others	38.6	39.2	36.6	36.7

Source: BSE

Price performance (%)	3M	6M	12M
Nifty	(0.1)	2.9	10.7
Tata Technologies	(5.1)	(8.7)	(19.1)
NSE Mid-cap	0.4	1.5	9.4
NSE Small-cap	(5.1)	(9.5)	(3.0)

Source: Bloomberg

Sameer Pardikar

IT Services

+91 22 4204 8692
sameer.pardikar@elaracapital.com



Associate
Yash Kudale
yash.kudale@elaracapital.com

Financials (YE March)

Income Statement (INR mn)	FY24	FY25	FY26E	FY27E	FY28E
Total Revenue	51,172	51,685	53,764	60,219	65,777
Gross Profit	13,498	13,894	13,400	15,535	17,439
EBITDA	9,413	9,341	8,323	9,945	11,506
EBIT	8,354	8,128	7,026	8,445	9,735
Interest expense	189	196	278	426	445
Other income	1,156	1,282	2,054	2,080	2,602
Exceptional/ Extra-ordinary items	-	-	(1,639)	-	-
PBT	9,321	9,214	7,164	10,099	11,893
Tax	2,527	2,445	2,017	2,696	2,973
Minority interest/Associates income	-	-	-	-	-
Reported PAT	6,794	6,770	5,147	7,403	8,919
Adjusted PAT	6,794	6,770	6,324	7,403	8,919
Balance Sheet (INR mn)	FY24	FY25	FY26E	FY27E	FY28E
Shareholders' Equity	32,208	35,794	37,338	39,554	42,224
Minority Interest	-	-	-	-	-
Trade Payables	4,814	4,767	4,787	5,362	5,857
Provisions & Other Current Liabilities	16,415	22,063	24,186	26,793	29,039
Total Borrowings	-	-	-	-	-
Other long term liabilities	2,347	4,018	4,018	4,018	4,018
Total liabilities & equity	55,783	66,642	70,329	75,727	81,138
Net Fixed Assets	3,103	2,609	2,656	2,662	2,535
Goodwill	7,826	8,181	8,181	8,181	8,181
Intangible assets	577	513	513	513	513
Business Investments / other NC assets	4,548	8,612	8,612	8,612	8,612
Cash, Bank Balances & treasury investments	10,637	15,143	16,921	18,476	20,709
Inventories	-	-	-	-	-
Sundry Debtors	11,479	10,056	10,458	11,714	12,795
Other Current Assets	17,614	21,530	22,988	25,570	27,793
Total Assets	55,783	66,642	70,329	75,727	81,138
Cash Flow Statement (INR mn)	FY24	FY25	FY26E	FY27E	FY28E
Cashflow from Operations	2,943	6,993	6,725	8,247	10,126
Capital expenditure	(918)	(315)	(1,344)	(1,505)	(1,644)
Acquisitions / divestitures	-	-	-	-	-
Other Business cashflow	4,855	(571)	-	-	-
Free Cash Flow	2,025	6,678	5,381	6,742	8,482
Cashflow from Financing	(5,568)	(4,864)	(3,603)	(5,187)	(6,249)
Net Change in Cash / treasury investments	1,312	1,243	1,778	1,555	2,232
Key assumptions & Ratios	FY24	FY25	FY26E	FY27E	FY28E
Dividend per share (INR)	10.1	11.7	8.9	12.8	15.4
Book value per share (INR)	79.3	88.1	92.0	97.4	104.0
RoCE (Pre-tax) (%)	26.9	23.9	19.2	22.0	23.8
ROIC (Pre-tax) (%)	40.6	38.5	34.2	40.7	45.7
ROE (%)	21.9	18.9	13.8	18.7	21.1
Asset Turnover (x)	23.6	18.1	20.4	22.6	25.3
Net Debt to Equity (x)	(0.3)	(0.4)	(0.5)	(0.5)	(0.5)
Net Debt to EBITDA (x)	(1.1)	(1.6)	(2.0)	(1.9)	(1.8)
Interest cover (x) (EBITDA/ int exp)	49.8	47.6	30.0	23.4	25.9
Total Working capital days (WC/rev)	42.7	30.0	32.6	34.1	33.2
Valuation	FY24	FY25	FY26E	FY27E	FY28E
P/E (x)	38.8	39.0	41.8	35.7	29.6
P/Sales (x)	5.2	5.1	4.9	4.4	4.0
EV/ EBITDA (x)	27.2	27.4	30.8	25.8	22.3
EV/ OCF (x)	87.0	36.6	38.1	31.1	25.3
FCF Yield	0.8	2.6	2.1	2.6	3.3
Price to BV (x)	8.2	7.4	7.1	6.7	6.3
Dividend yield (%)	1.5	1.8	1.4	2.0	2.4

Note: Pricing as on 16 January 2026; Source: Company, Elara Securities Estimate

Exhibit 1: Quarterly financials

(INR mn)	Q3FY26	Q3FY25	YoY (%)	Q2FY26	QoQ (%)	Q3FY26E	Variance (%)
Revenues (USD mn)	153	156	(1.9)	151	1.2	149	2.2
Revenue (INR mn)	13,657	13,174	3.7	13,233	3.2	13,301	2.7
Operating expenditure	11,729	10,834	8.3	11,155	5.1	11,425	2.7
Employee expenses	6,977	6,393	9.1	6,502	7.3	6,762	3.2
Outsourcing charges	1,066	973	9.5	932	14.3	913	16.7
EBITDA	1,929	2,340	(17.6)	2,078	(7.2)	1,876	2.8
Depreciation	360	305	18.2	309	16.5	314	14.5
EBIT	1,569	2,036	(23.0)	1,769	(11.3)	1,562	0.4
EBIT margin (%)	11.5	15.5	(400) bps	13.4	(190) bps	11.7	(30) bps
Other income	300	226	32.5	489	(38.7)	605	(50.5)
Exceptional items	1,639						
PBT	230	2,262	(89.8)	2,259	(89.8)	2,167	(89.4)
Total tax	163	576	(71.6)	604	(73.0)	579	(71.8)
Reported PAT	66	1,686	(96.1)	1,655	(96.0)	1,588	(95.8)
EPS (INR per share)	0.2	4.2	(96.1)	4.1	(96.1)	3.9	(95.9)

Source: Company, Elara Securities Estimate

Conference call highlights

- ▶ **Outlook:** Management has guided for >10% QoQ revenue growth in Q4FY26, driven by broad-based demand, normalization of impacted accounts, ES-TEC contribution, and deal ramp-ups. For FY27, TATATECH is targeting double-digit organic revenue growth, with any ES-TEC contribution being incremental. Management emphasized that these targets are grounded in a secured pipeline and improved customer decision cycles, and not aspirational optimism
- ▶ **Automotive outlook:** Automotive investments have moderated in the past 18 months amid geopolitical uncertainty, tariffs, and regulatory ambiguity. But H2CY25 is showing improved predictability, driving catch-up investments. TATATECH won its first full vehicle program in 18 months in Q3, signaling early signs of recovery. Long-term outlook for TML and JLR is strong, with accelerating investments in new products and enterprise digitization. Geography-wise, recovery is visible across Europe and North America, while China remains structurally EV-heavy.
- Industrial heavy machinery and aerospace:** Growth in industrial heavy machinery is being driven by commercial vehicles and off-highway segments, supported by Tata Motors CV's IVECO acquisition and new supplier accreditations with global CV OEMs. Defense presents multiple growth vectors, including direct contract opportunities in India, Europe, and the US via localized manufacturing and delivery platforms, alongside an indirect upside as accelerating defense demand reallocates capacity away from commercial aerospace, creating incremental backfill opportunities. Aerospace is emerging as a structurally strong growth pillar, with revenues doubling for four consecutive years and expected to reach ~USD 40mn in FY26, driven by deepening Airbus engagement (including EMES supply chain entry), Design Organization Approval (DOA) certifications enabling safety-critical work, expansion into US engine OEMs, and differentiated digital industrialization and factory digitization capabilities
- ▶ Management highlighted a deliberate 12-18 month effort to reduce concentration risk, diversify customer exposure, and rebalance the portfolio. While ~90% of revenues were from automotive a year ago, that share has reduced to ~80%, with faster growth in aerospace and IHM. The company is migrating from cyclical, program-heavy mechanical work toward embedded software, validation, SDV, and digital engineering.
- ▶ **BMW JV** continues to scale and now employs 1,500+ engineers. It is a cornerstone of BMW's global engineering strategy and has enabled Tata Technologies to secure direct framework agreements in Europe. Share of profit from the JV rose 37% QoQ to INR 72.7mn, contributing INR 156mn to PBT. Management expects continued scale-up across Europe, North America, and China, with increasing offshore delivery from India.

Exhibit 2: Soft USD revenue due to seasonality and a temporary cybersecurity-related billing disruption



Source: Company, Elara Securities Research

Exhibit 3: INR revenue growth supported by currency gains



Source: Company, Elara Securities Research

Exhibit 4: Services segment – Growth led by earlier deal wins



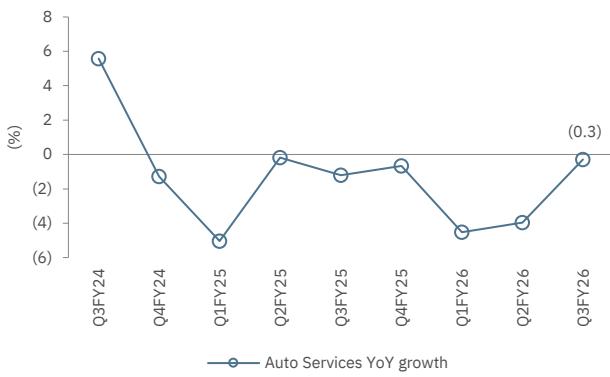
Source: Company, Elara Securities Research

Exhibit 5: Technology solutions subdued



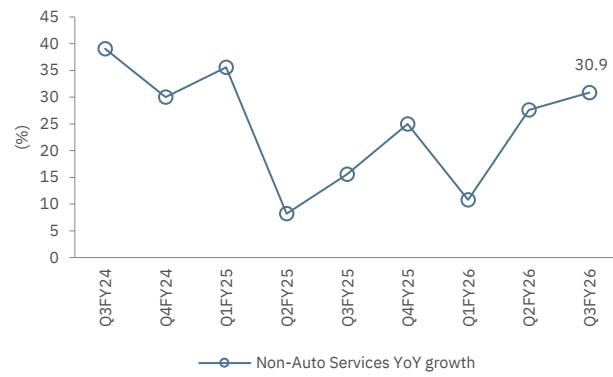
Source: Company, Elara Securities Research

Exhibit 6: Auto services – Growth soft



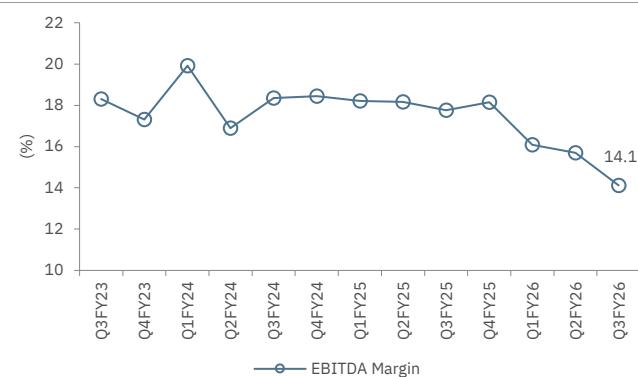
Source: Company, Elara Securities Research

Exhibit 7: Expanding aerospace and industrial heavy machinery



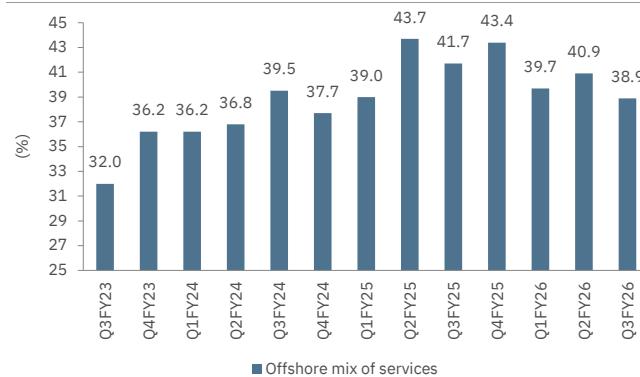
Source: Company, Elara Securities Research

Exhibit 8: EBITDA margin down 160bps sequentially



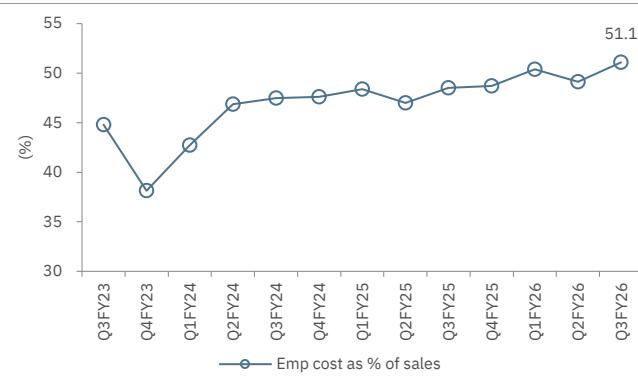
Source: Company, Elara Securities Research

Exhibit 9: Offshore services mix has seen a downtick in Q3



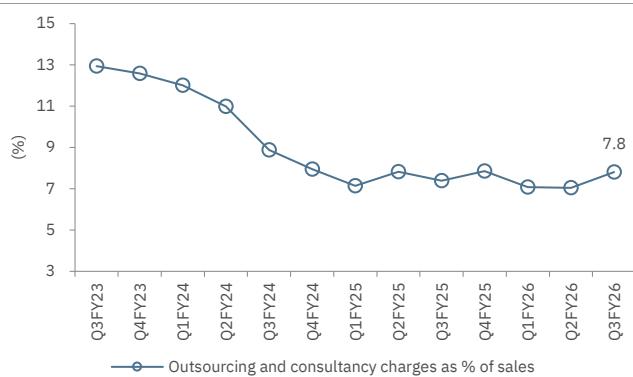
Source: Company, Elara Securities Research

Exhibit 10: Employee cost expanded sequentially



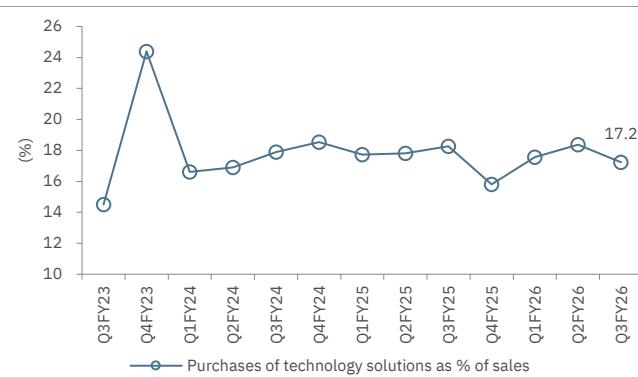
Source: Company, Elara Securities Research

Exhibit 11: Outsourcing cost was up 80bps QoQ



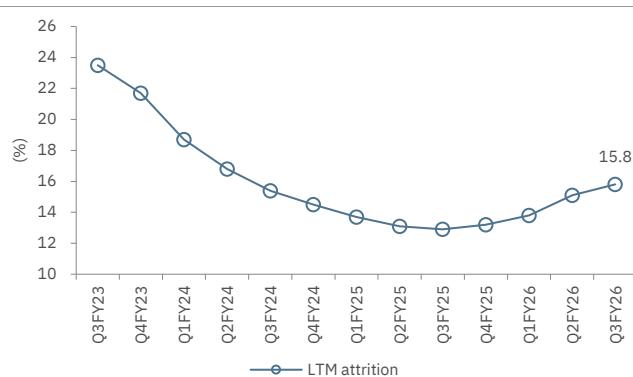
Source: Company, Elara Securities Research

Exhibit 12: Cost of technology solutions contracting



Source: Company, Elara Securities Research

Exhibit 13: LTM attrition has increased 70bps



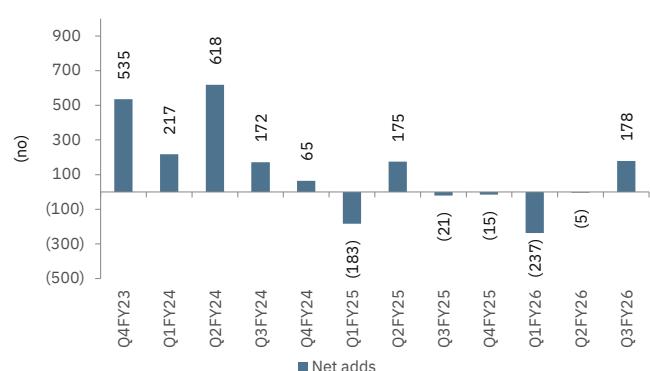
Source: Company, Elara Securities Research

Exhibit 14: Headcount expands modestly



Source: Company, Elara Securities Research

Exhibit 15: Net adds in headcount after four quarters of drop



Source: Company, Elara Securities Research

Exhibit 16: Valuation (FY28E)

(INR)	(FY28E)
TTM EPS	13.1
Target EPS	22.0
Target P/E (x)	22
TP	490
CMP	651
Downside (%)	(25)

Note: Pricing as on 16 January 2026; Source: Elara Securities Estimate

Exhibit 17: Trading at 38.0x FY26E P/E



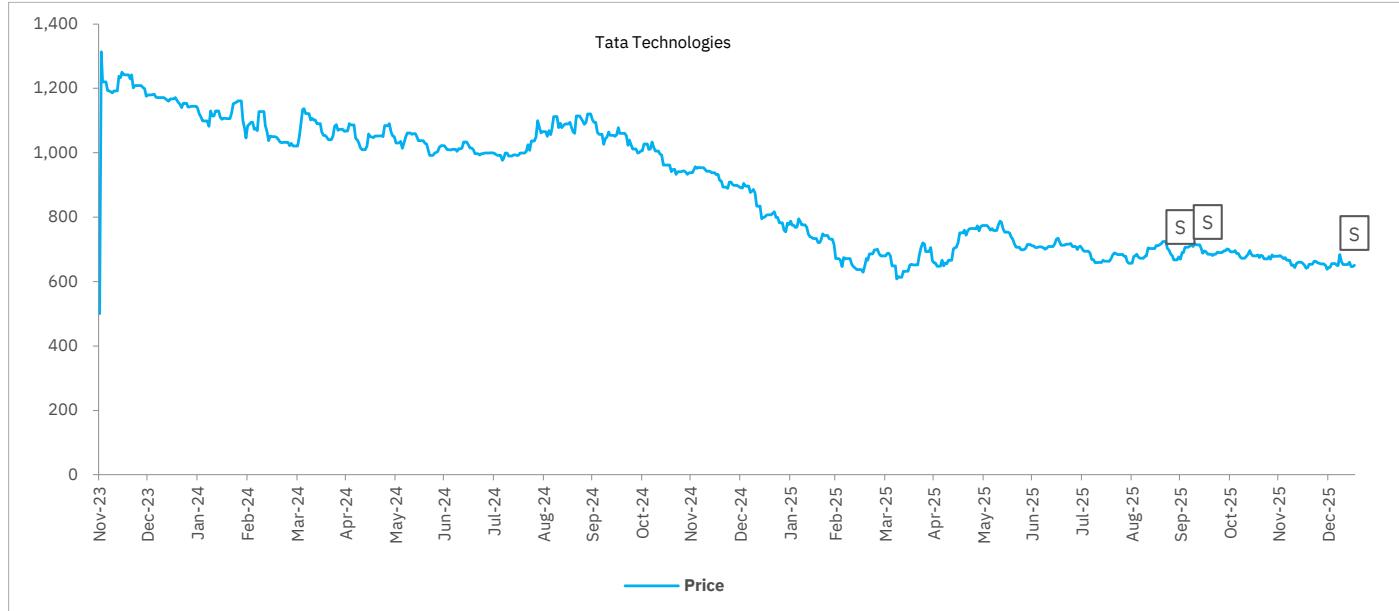
Note: Pricing as on 16 January 2026; Source: Bloomberg, Company, Elara Securities Estimate

Exhibit 18: Change in estimates

(INR mn)	Earlier estimates			Revised estimates			% change		
	FY26E	FY27E	FY28E	FY26E	FY27E	FY28E	FY26E	FY27E	FY28E
Revenue (USD mn)	605	649	729	610	673	735	0.9	3.8	0.8
Revenue (INR mn)	52,209	55,795	62,724	53,764	60,219	65,777	3.0	7.9	4.9
EBITDA	8,567.7	10,048.9	11,543.4	8,323	9,945	11,506	(2.9)	(1.0)	(0.3)
EBITDA margin (%)	16.4	18.0	18.4	15.5	16.5	17.5	(90) bps	(150) bps	(90) bps
PAT	7,078	8,307	9,450	5,146.8	7,402.6	8,919.4	(27.3)	(10.9)	(5.6)
EPS (INR)	17.4	20.5	23.3	12.7	18.2	22.0	(27.3)	(10.9)	(5.6)
Target price (INR)			515			490			(4.9)

Source: Elara Securities Estimate

Coverage History



Date	Rating	Target Price (INR)	Closing Price (INR)
30-Sep-2025	Sell	500	670
17-Oct-2025	Sell	515	685
16-Jan-2026	Sell	490	651

Guide to Research Rating

BUY (B) Absolute Return >+20%

ACCUMULATE (A) Absolute Return +5% to +20%

REDUCE (R) Absolute Return -5% to +5%

SELL (S) Absolute Return < -5%

Disclosures & Confidentiality for non U.S. Investors

The Note is based on our estimates and is being provided to you (herein referred to as the "Recipient") only for information purposes. The sole purpose of this Note is to provide preliminary information on the business activities of the company and the projected financial statements in order to assist the recipient in understanding / evaluating the Proposal. Nothing in this document should be construed as an advice to buy or sell or solicitation to buy or sell the securities of companies referred to in this document. Each recipient of this document should make such investigations as it deems necessary to arrive at an independent evaluation of an investment in the securities of companies referred to in this document (including the merits and risks involved) and should consult its own advisors to determine the merits and risks of such an investment. Nevertheless, Elara Securities (India) Private Limited or any of its affiliates is committed to provide independent and transparent recommendation to its client and would be happy to provide any information in response to specific client queries. Elara Securities (India) Private Limited or any of its affiliates have not independently verified all the information given in this Note and expressly disclaim all liability for any errors and/or omissions, representations or warranties, expressed or implied as contained in this Note. The user assumes the entire risk of any use made of this information. Elara Securities (India) Private Limited or any of its affiliates, their directors and the employees may from time to time, effect or have effected an own account transaction in or deal as principal or agent in or for the securities mentioned in this document. They may perform or seek to perform investment banking or other services for or solicit investment banking or other business from any company referred to in this Note. Each of these entities functions as a separate, distinct and independent of each other. This Note is strictly confidential and is being furnished to you solely for your information. This Note should not be reproduced or redistributed or passed on directly or indirectly in any form to any other person or published, copied, in whole or in part, for any purpose. This Note is not directed or intended for distribution to, or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject Elara Securities (India) Private Limited or any of its affiliates to any registration or licensing requirements within such jurisdiction. The distribution of this document in certain jurisdictions may be restricted by law, and persons in whose possession this document comes, should inform themselves about and observe, any such restrictions. Upon request, the Recipient will promptly return all material received from the company and/or the Advisors without retaining any copies thereof. The Information given in this document is as of the date of this report and there can be no assurance that future results or events will be consistent with this information. This Information is subject to change without any prior notice. Elara Securities (India) Private Limited or any of its affiliates reserves the right to make modifications and alterations to this statement as may be required from time to time. However, Elara Securities (India) Private Limited is under no obligation to update or keep the information current. Neither Elara Securities (India) Private Limited nor any of its affiliates, group companies, directors, employees, agents or representatives shall be liable for any damages whether direct, indirect, special or consequential including lost revenue or lost profits that may arise from or in connection with the use of the information. This Note should not be deemed an indication of the state of affairs of the company nor shall it constitute an indication that there has been no change in the business or state of affairs of the company since the date of publication of this Note. The disclosures of interest statements incorporated in this document are provided solely to enhance the transparency and should not be treated as endorsement of the views expressed in the report. Elara Securities (India) Private Limited generally prohibits its analysts, persons reporting to analysts and their family members from maintaining a financial interest in the securities or derivatives of any companies that the analysts cover. The analyst for this report certifies that all of the views expressed in this report accurately reflect his or her personal views about the subject company or companies and its or their securities, and no part of his or her compensation was, is or will be, directly or indirectly related to specific recommendations or views expressed in this report.

Any clarifications / queries on the proposal as well as any future communication regarding the proposal should be addressed to Elara Securities (India) Private Limited. It is important to note that any dispute with respect to this research report, would not have access to stock exchange investor redressal forum or arbitration mechanism.

Elara Securities (India) Private Limited was incorporated in July 2007 as a subsidiary of Elara Capital (India) Private Limited.

Elara Securities (India) Private Limited is a SEBI registered Stock Broker in the Capital Market and Futures & Options Segments of National Stock Exchange of India Limited [NSE] and BSE Limited [BSE] and a Depository Participant registered with Central Depository Services (India) Limited [CDSL].

Elara Securities (India) Private Limited's business, amongst other things, is to undertake all associated activities relating to its broking business.

The activities of Elara Securities (India) Private Limited were neither suspended nor has it defaulted with any stock exchange authority with whom it is registered in last five years. However, during the routine course of inspection and based on observations, the exchanges have issued advise letters or levied minor penalties on Elara Securities (India) Private Limited for minor operational deviations in certain cases. Elara Securities (India) Private Limited has not been debarred from doing business by any Stock Exchange / SEBI or any other authorities; nor has the certificate of registration been cancelled by SEBI at any point of time.

Elara Securities (India) Private Limited offers research services primarily to institutional investors and their employees, directors, fund managers, advisors who are registered or proposed to be registered.

Details of Associates of Elara Securities (India) Private Limited are available on group company website www.elaracapital.com

Elara Securities (India) Private Limited is maintaining arms-length relationship with its associate entities.

Research Analyst or his/her relative(s) may have financial interest in the subject company. Elara Securities (India) Private Limited does not have any financial interest in the subject company, whereas its associate entities may have financial interest. Research Analyst or his/her relative does not have actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of publication of Research Report. Elara Securities (India) Private Limited does not have actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of publication of Research Report. Associate entities of Elara Securities (India) Private Limited may have actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of publication of Research Report. Research Analyst or his/her relative or Elara Securities (India) Private Limited or its associate entities does not have any other material conflict of interest at the time of publication of the Research Report.

Artificial Intelligence (AI) tools may have been used only for compilation or collating publicly available research data or internally generated research data during the information gathering and/or summarizing the final report.

Research Analyst or his/her relative(s) has not served as an officer, director or employee of the subject company.

Research analyst or Elara Securities (India) Private Limited have not received any compensation from the subject company in the past twelve months. Associate entities of Elara Securities (India) Private Limited may have received compensation from the subject company in the past twelve months. Research analyst or Elara Securities (India) Private Limited or its associate entities have not managed or co-managed public offering of securities for the subject company in the past twelve months. Research analyst or Elara Securities (India) Private Limited or its associates have not received any compensation for investment banking or merchant banking or brokerage services from the subject company in the past twelve months. Research analyst or Elara Securities (India) Private Limited or its associate entities may have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company or third party in connection with the Research Report in the past twelve months.

Disclaimer & Standard warning

Registration granted by SEBI and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors.

Investment in securities market are subject to market risks. Read all the related documents carefully before investing.

Disclaimer for non U.S. Investors

The information contained in this note is of a general nature and is not intended to address the circumstances of any particular individual or entity. Although we endeavor to provide accurate and timely information, there can be no guarantee that such information is accurate as of the date it is received or that it will continue to be accurate in the future. No one should act on such information without appropriate professional advice after a thorough examination of the particular situation.

Disclosures for U.S. Investors

Rule 15a6 Disclosure: This research report ("Report") was prepared, approved, published, and distributed by Elara Securities (India) Private Limited a company located outside of the United States (the "Foreign Counterparty"). Avior Capital Markets US LLC ("Avior US"), a US registered broker-dealer, distributes this Report in the US on behalf of the Foreign Counterparty. Only major U.S. institutional investors (as defined in Rule 15a-6 under the US Securities Exchange Act of 1934 (the "Exchange Act")) may receive this Report under the exemption in Rule 15a-6. A US institutional investor must effect any transaction in the securities described in this Report through Avior US.

Neither the Report nor any analyst who prepared or approved the Report is subject to US legal requirements or the Financial Industry Regulatory Authority, Inc. ("FINRA") or other US regulatory requirements concerning research reports or research analysts. The Foreign Counterparty is not a registered broker-dealer under the Exchange Act nor is it a member of the Financial Industry Regulatory Authority, Inc., or any other US self-regulatory organization.

Disclosures on Subject Companies: Analysts of the Foreign Counterparty produced this material solely for informational purposes and the use of the intended recipient. No person may reproduce, this Report under any circumstances. No person may copy or make this Report available to any other person other than the intended recipient.

Avior US distributes this Report in the United States of America. The Foreign Counterparty distributes this Report elsewhere in the world. This document is not an offer, or invitation by or on behalf of Avior US, the Foreign Counterparty, their affiliates, or any other person, to buy or sell any security.

Avior US and the Foreign Counterparty and their affiliates obtained the information contained herein from published information and other sources, which Avior US and the Foreign Counterparty and their affiliates reasonably consider to be reliable.

Avior US and the Foreign Counterparty accept no liability or responsibility whatsoever for the accuracy or completeness of any such information. All estimates, expressions of opinion and other subjective judgments contained herein are valid as of the date of this document. Avior US assumes responsibility for the Report content with regards to research distributed in the US.

Neither Avior US nor the Foreign Counterparty has managed or co-managed a public offering of securities for the subject company in the past 12 months, have not received compensation for investment banking services from the subject company in the past 12 months and do not expect to receive and does not intend to seek compensation for investment banking services from the subject company in the next three months. Avior US and the Foreign Counterparty have not owned any class of equity securities of the subject company. There are no other actual, material conflicts of interest of Avior US and the Foreign Counterparty at the time of the publication of this Report. As of the publication of this Report, Avior US nor the Foreign Counterparty makes a market in the subject securities.

Avior US and its affiliates, to the fullest extent permissible by law, accept no liability of any nature whatsoever for any claims, damages or losses arising from, or in connection with, the contents of this Report or the use, reliance, publication, distribution, dissemination, disclosure, alteration or reproduction of this Report, or any views or recommendations recorded therein.

Participants in foreign exchange transactions may incur risks arising from several factors, including the following: (i) exchange rates can be volatile and are subject to large fluctuations; (ii) the value of currencies may be affected by numerous market factors, including world and national economic, political and regulatory events, events in equity and debt markets and changes in interest rates; and (iii) currencies may be subject to devaluation or government imposed exchange controls which could affect the value of the currency. Investors in securities such as ADRs, whose values are affected by the currency of an underlying security, effectively assume currency risk.

Subject to the applicable laws, all transactions should be executed through Avior US. Aside from within this Report, important conflict disclosures can also be found at <https://aviorcapital.us/us-regulatory-disclosures/> and Investors are strongly encouraged to review this information before investing.

Additional Disclaimer for UK Investors

Note that Elara Securities (India) Private Limited ("Foreign Counterparty") has concluded a MiFID II research intermediary agreement with Avior Capital Markets International Limited ("Avior UK"), regulated by the Financial Conduct Authority (FRN: 191074), pursuant to which Avior UK distributes the Foreign Counterparty's research in the UK, in return for which the Foreign Counterparty pays Avior UK a percentage of the income received in relation to such research. This research report including any recommendations recorded therein ("Report") have been prepared by the Foreign Counterparty, and not by Avior UK.

The Report: (a) has been objectively prepared from public sources which are believed to be reliable and therefore constitutes independent investment research and is presented as such; and (b) may only be distributed to, and relied on by, qualifying investors, who are permitted to receive same in the UK.

Securities, money market instruments, strategies, financial or investment instruments mentioned in this Report may not be suitable for all investors. The information and opinions provided in this Report do not constitute a personal recommendation/investment advice and take no account of the investor's individual circumstances. Investors should consider this Report as only a single factor in making any investment decisions and, if appropriate, should seek advice from an investment advisor. This Report is not an offer, or invitation by or on behalf of Avior UK, the Foreign Counterparty, their affiliates, or any other person, to buy or sell any security.

Save as disclosed otherwise, the Foreign Counterparty's relationship with Avior UK is not reasonably expected to impair the objective presentation of the recommendations in the Report, including any interests or conflicts of interest concerning any financial instruments or the issuers to which the recommendations, directly or indirectly, relate. The Report is deemed to be first disseminated at the date and time recorded on the relevant distribution platform, data network or email (as applicable), and which information is available on request. A list of the Foreign Counterparty's research reports disseminated in the UK over the past 12 months is also available on request.

Avior UK does not assume any responsibility or liability of any nature whatsoever arising from or in connection with the content, use, reliance or dissemination of the Report or any recommendation in respect thereof and disclaims any such liability.

Certification by Each of the Authors of this Report

The analyst(s) (singular includes plural) ("Analyst") certifies that the views expressed in this Report are an accurate representation of the Analyst's personal opinions on the stock or sector as covered and reported on by the Analyst hereinabove. The Analyst furthermore certifies that no part of the Analyst's compensation was, is, or will be related, directly or indirectly, to the specific recommendations or views as expressed in this document. The Analyst is principally responsible for the preparation of this Report and does not have any material conflict of interest at the time of publication of this Report. The Analyst(s) has not served as an officer, director or employee of the subject company in the last 12-month period ending on the last day of the month immediately preceding the date of publication of the Report.

Analyst Certification: In connection with the companies or securities that; each analyst identified in this Report certifies that: The views expressed on the subject companies and securities in this Report reflect their personal views. No part of his or her compensation was, is or will be directly or indirectly dependent on the specific recommendations or views expressed in this Report.

Note that:

- (i) The Foreign Counterparty is the employer of the research analyst(s) responsible for the content of this Report, and
- (ii) Research analysts preparing this Report are resident outside the United States and are not associated persons of any US regulated broker-dealer. Therefore, the analyst(s) are not subject to supervision by a US broker-dealer and are not required to satisfy the regulatory licensing requirements of FINRA or required to otherwise comply with US rules or regulations regarding, among other things, communications with a subject company, public appearances and trading securities held by a research analyst account.

Avior Capital Markets US, LLC is a FINRA registered broker-dealer (CRD # 172595) formed for that purpose in the State of Delaware with its principal office at 45 Rockefeller Plaza, Suite 2335, New York, New York 10111.

Avior Capital Markets International Limited is regulated by the Financial Conduct Authority (FRN: 191074), with its principal office at 10 South Street, Elgin, Scotland IV30 1LE.

Elara Securities (India) Private Limited is a SEBI-registered Research Analyst (Regn. No.: INH000000933), Stock Broker (Regn. No.: INZ000238236) and Depository Participant (Regn. No.: IN-DP-370-2018). Its registered address is One International Center, Tower 3, 21st Floor, Senapati Bapat Marg, Elphinstone Road (West) Mumbai – 400 013, India

India

Elara Securities (India) Private Limited
 One International Center, Tower 3,
 21st Floor, Senapati Bapat Marg,
 Elphinstone Road (West)
 Mumbai – 400 013, India
 Tel : +91 22 6164 8500

Europe

Elara Capital Plc.
 6th Floor, The Grove,
 248A Marylebone Road,
 London, NW1 6JZ,
 United Kingdom
 Tel : +44 20 7486 9733

USA

Elara Securities Inc.
 230 Park Avenue, Suite 2415,
 New York, NY 10169, USA
 Tel: +1 212 430 5870
 Fax: +1 212 208 2501

Asia / Pacific

Elara Capital (Asia) Pte.Ltd.
 One Marina Boulevard,
 Level 20,
 Singapore 018989
 Tel : +65 6978 4047



**Managing
Director**

Harendra Kumar | harendra.kumar@elaracapital.com | +91 22 6164 8571



**Head of
Research**

Dr Bino Pathiparampil | bino.pathiparampil@elaracapital.com | +91 22 6164 8572

Sales Team



India

Hitesh Danak - hitesh.danak@elaracapital.com - +91 22 6164 8543
Ashok Agarwal - ashok.agarwal@elaracapital.com - +91 22 6164 8558
Himani Sanghavi - himani.sanghavi@elaracapital.com - +91 22 6164 8586



India, APAC & Australia

Sudhanshu Rajpal - sudhanshu.rajpal@elaracapital.com - +91 22 6164 8508
Joshua Saldanha - joshua.saldanha@elaracapital.com - +91 22 6164 8541
Shraddha Shrikhande - shraddha.shrikhande@elaracapital.com - +91 22 6164 8567
Suyash Maheshwari - suyash.maheshwari@elaracapital.com - +91 22 4204 8698



India & UK

Prashin Lalvani - prashin.lalvani@elaracapital.com - +91 22 6164 8544



India & US

Karan Rathod - karan.rathod@elaracapital.com - +91 22 6164 8570



**Corporate
Access,
Conference &
Events**

Anita Nazareth - anita.nazareth@elaracapital.com - +91 22 6164 8520
Tina D'souza - tina.dsouza@elaracapital.com - +91 22 6164 8595

By clicking this link, you acknowledge and agree to the [Terms and Conditions of Research Services](#)

Access our reports on Bloomberg: Type **RESP ESEC <GO>**

Also available on **Thomson & Reuters**

Elara Securities (India) Private Limited

Registered Office Address: One International Center, Tower 3, 21st Floor, Senapati Bapat Marg, Elphinstone Road (West) Mumbai – 400 013, India Tel : +91 22 6164 8500
 CIN: U74992MH2007PTC172297 | SEBI Research Analyst Registration No.: INH000000933
 Member of BSE Limited and National Stock Exchange of India Limited | SEBI REGN. NO.: INZ000238236
 Member of Central Depository Services (India) Limited | SEBI REGN. NO.: IN-CP-370-2018
 Investor Grievance Email ID: investor.grievances@elaracapital.com - Tel. +91 22 6164 8509
 Compliance Officer: Mr. Anand Rao - Email ID: anand.rao@elaracapital.com - Tel. +91 22 6164 8509