

HOLD Tata Communications

Scale and synergy to improve margin

Telecommunications ▶ Company Update ▶ October 25, 2023

TARGET PRICE (Rs): 1,840

TCom declined by 11%, following Q2FY24 results. Although Q2 results were broadly in-line, the steep correction following the result is largely due to moderation in underlying growth in Q2 with digital portfolio growth at 16.4% YoY (-1.2% QoQ) vs. 28% YoY (+8.6% QoQ) in Q1. Moreover, management's short-term margin guidance below 20% was also taken negatively. However, structurally, we remain positive on TCom. We like TCom's focus on digital services. Digital services (ex-Collaboration) has been delivering good performance. Kaleyra's acquisition will aid growth in collaboration. Focus on gaining scale and synergies can help improve margin faster. We see earnings improving at a fast pace from FY25 post peak investments in FY24, although the stock may consolidate in the interim. We retain our HOLD rating.

Tata Communications: Financial Snapshot (Consolidated)

Y/E March (Rs mn)	FY22	FY23	FY24E	FY25E	FY26E
Revenue	1,67,247	1,78,383	2,11,813	2,45,015	2,67,084
EBITDA	42,267	43,182	43,233	52,185	60,925
Adj. PAT	14,758	16,546	10,142	18,984	25,273
Adj. EPS (Rs)	52.0	60.7	35.6	66.6	88.7
EBITDA margin (%)	25.3	24.2	20.4	21.3	22.8
EBITDA growth (%)	(0.8)	2.2	0.1	20.7	16.7
Adj. EPS growth (%)	18.5	16.8	(41.4)	87.2	33.1
RoE (%)	417.0	170.0	68.0	83.4	69.5
RoIC (%)	21.4	29.1	18.8	27.0	35.0
P/E (x)	31.1	27.7	45.2	24.2	18.1
EV/EBITDA (x)	12.5	11.9	12.4	10.0	8.3
P/B (x)	63.8	37.3	26.1	16.4	10.3
FCFF yield (%)	3.8	4.7	(2.5)	4.0	4.7

Source: Company, Emkay Research

We like improving order book and use of acquisition to enter new markets

We remain positive on TCom in the long term, as (i) Management's commentary on increased order book in the last few quarters is positive, despite the longer conversion cycle of the funnel; (ii) Acquisition of Switch and Kaleyra gives the company greater access to U.S./European markets; (iii) Early consolidation of Kaleyra from Q3FY24 will also aid faster realization of synergy benefits; (iv) TCom has also set a profitability glide path for each platform, which will aid in improving profitability. TCom's strength lies in operating in areas that include Network, Cloud, IoT, Mobility and Security. In our visit to TCom's experience center, the company has showcased its capability and credibility in stitching together platforms to solve customer problems. This can help TCom drive the next phase of growth. ([Link to report](#)).

Margin dilution in the interim; long-term story intact; HOLD

We see short-term margin dilution due to acquisitions (Switch and Kaleyra), with margin below 20% in Q3FY24 (vs. 24.2% in FY23). However, with synergy and operating leverage benefits, margin can recover to 23% by the end of FY26. We expect revenue/EBITDA to register a 14.2%/12% CAGR over FY23-26E. Revenue growth is expected to be led by the digital platform and services (40% CAGR over FY23-26E), which can also benefit from the Switch and Kaleyra's acquisitions as they gain scale. We see the share of digital platform and services revenue (ex-incubation) in data revenue increasing from 29% in FY23 to 48% in FY26, aided by acquisitions and improving scale. However, the stock may consolidate in the interim, before investors see actual signs of synergy benefits or TCom gaining scale in U.S./Europe markets. We retain our HOLD rating with a TP of Rs1,840/share (10.5x Sep-25E EBITDA).

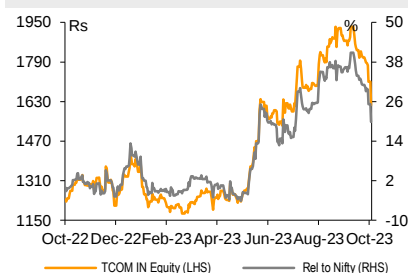
Target Price – 12M	Sep-24
Change in TP (%)	-
Current Reco.	HOLD
Previous Reco.	HOLD
Upside/(Downside) (%)	14.4
CMP (23-Oct-23) (Rs)	1,609.0

Stock Data	Ticker
52-week High (Rs)	1,957
52-week Low (Rs)	1,157
Shares outstanding (mn)	285.0
Market-cap (Rs bn)	459
Market-cap (USD mn)	5,512
Net-debt, FY24E (Rs mn)	75,833
ADTV-3M (mn shares)	1
ADTV-3M (Rs mn)	1,865.1
ADTV-3M (USD mn)	22.4
Free float (%)	-
Nifty-50	19,282
INR/USD	83.2
Shareholding, Sep-23	
Promoters (%)	58.9
FPIs/MFs (%)	17.5/13.6

Price Performance

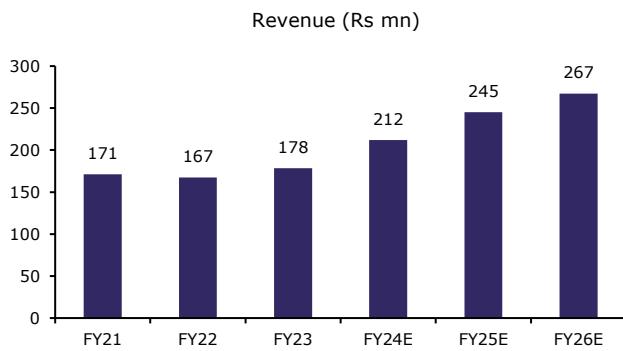
(%)	1M	3M	12M
Absolute	(14.2)	1.2	32.8
Rel. to Nifty	(12.5)	3.6	21.1

1-Year share price trend (Rs)

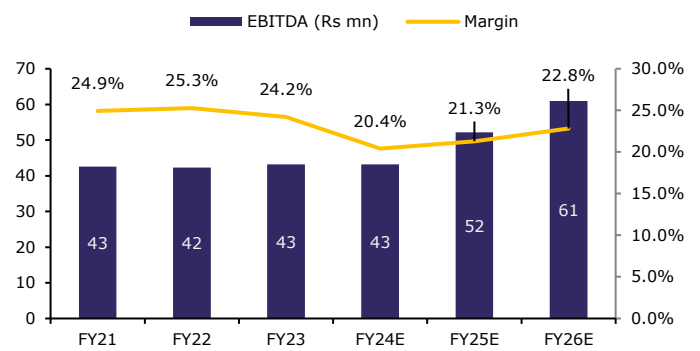


Santosh Sinha

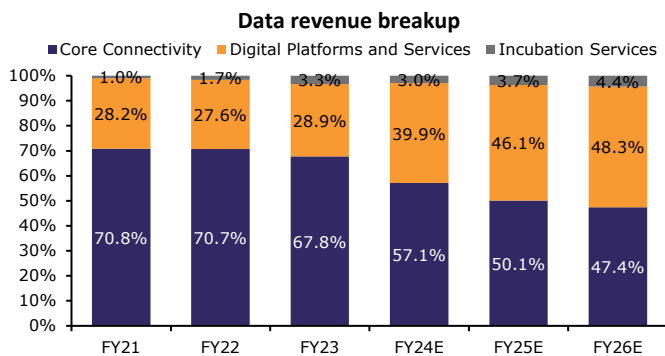
santosh.sinha@emkayglobal.com
+91 22 6624 2414

Exhibit 1: Revenue to register a 14.2% CAGR over FY23-26E

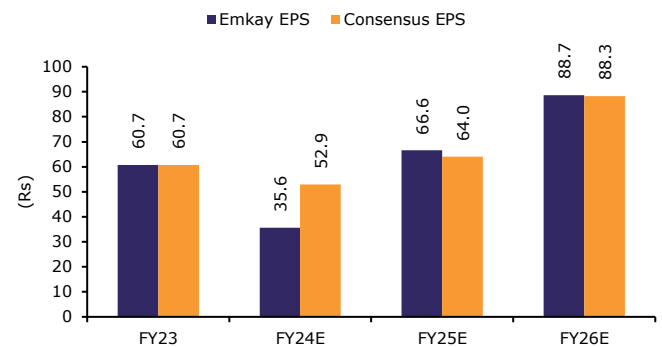
Source: Company, Emkay Research

Exhibit 2: Margin to improve gradually with synergy benefits

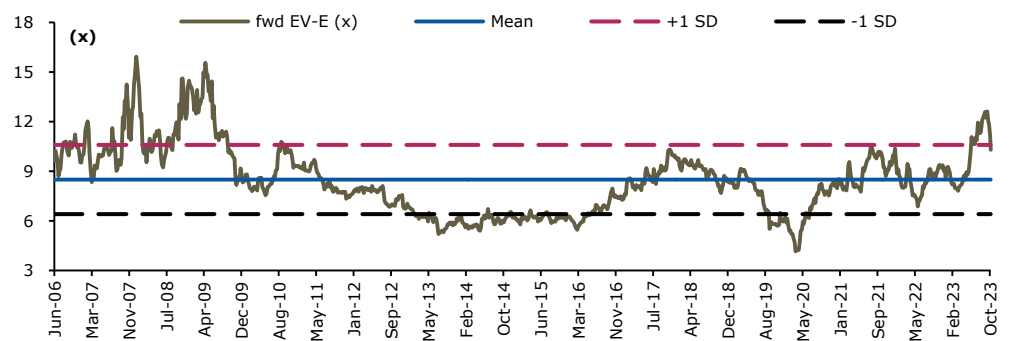
Source: Company, Emkay Research

Exhibit 3: Share of digital platform services in data revenue to increase to ~50% by FY26E

Source: Company, Emkay Research

Exhibit 4: EPS to improve at a fast pace post investment phase in FY24E

Source: Company, Emkay Research

Exhibit 5: EV/EBITDA (One-year forward)

Source: Bloomberg

Tata Communications: Consolidated Financials and Valuations

Profit and Loss					
Y/E March (Rs mn)	FY22	FY23	FY24E	FY25E	FY26E
Revenue	1,67,247	1,78,383	2,11,813	2,45,015	2,67,084
Revenue growth (%)	(2.2)	6.7	18.7	15.7	9.0
EBITDA	42,267	43,182	43,233	52,185	60,925
EBITDA growth (%)	(0.8)	2.2	0.1	20.7	16.7
Depreciation & Amortization	22,061	22,618	27,007	25,879	27,452
EBIT	20,206	20,564	16,226	26,306	33,472
EBIT growth (%)	3.8	1.8	(21.1)	62.1	27.2
Other operating income	0	0	0	0	0
Other income	3,321	3,632	3,000	3,000	3,000
Financial expense	3,603	4,974	6,292	5,985	5,425
PBT	19,924	19,221	12,934	23,322	31,048
Extraordinary items	60	764	0	0	0
Taxes	5,221	2,966	2,973	4,664	6,210
Minority interest	13	49	13	23	31
Income from JV/Associates	68	340	194	350	466
Reported PAT	14,818	17,310	10,142	18,984	25,273
PAT growth (%)	18.5	16.8	(41.4)	87.2	33.1
Adjusted PAT	14,758	16,546	10,142	18,984	25,273
Diluted EPS (Rs)	52.0	60.7	35.6	66.6	88.7
Diluted EPS growth (%)	18.5	16.8	(41.4)	87.2	33.1
DPS (Rs)	20.7	21.0	25.0	30.0	30.0
Dividend payout (%)	39.8	34.6	70.3	45.0	33.8
EBITDA margin (%)	25.3	24.2	20.4	21.3	22.8
EBIT margin (%)	12.1	11.5	7.7	10.7	12.5
Effective tax rate (%)	26.2	15.4	23.0	20.0	20.0
NOPLAT (pre-IndAS)	14,911	17,391	12,496	21,045	26,778
Shares outstanding (mn)	285.0	285.0	285.0	285.0	285.0

Source: Company, Emkay Research

Cash Flows					
Y/E March (Rs mn)	FY22	FY23	FY24E	FY25E	FY26E
PBT	19,924	19,221	12,934	23,322	31,048
Others (non-cash items)	0	0	0	0	0
Taxes paid	(5,221)	(2,966)	(2,973)	(4,664)	(6,210)
Change in NWC	4,062	6,735	4,712	3,120	(3,515)
Operating cash flow	40,724	46,610	43,397	47,959	49,179
Capital expenditure	(19,823)	(21,208)	(57,333)	(26,000)	(24,000)
Acquisition of business	6,681	(3,853)	5,000	0	0
Interest & dividend income	71	71	71	71	71
Investing cash flow	(9,820)	(21,430)	(49,333)	(23,000)	(21,000)
Equity raised/(repaid)	0	0	0	0	0
Debt raised/(repaid)	(22,721)	(5,449)	19,100	2,000	(10,000)
Payment of lease liabilities	(2,104)	(1,816)	0	0	10,432
Interest paid	(3,603)	(4,974)	(6,292)	(5,985)	(5,425)
Dividend paid (incl tax)	(5,900)	(5,985)	(7,125)	(8,550)	(8,550)
Others	(2,425)	11,566	2,571	2,034	2,034
Financing cash flow	(34,647)	(4,842)	8,254	(10,500)	(21,940)
Net chg in Cash	(3,744)	20,338	2,318	14,459	6,239
OCF	40,724	46,610	43,397	47,959	49,179
Adj. OCF (w/o NWC chg.)	44,786	53,345	48,109	51,079	45,664
FCFF	20,901	25,402	(13,936)	21,959	25,179
FCFE	17,370	20,499	(20,157)	16,046	19,826
OCF/EBITDA (%)	96.3	107.9	100.4	91.9	80.7
FCFE/PAT (%)	117.2	118.4	(198.7)	84.5	78.4
FCFF/NOPLAT (%)	140.2	146.1	(111.5)	104.3	94.0

Source: Company, Emkay Research

Balance Sheet					
Y/E March (Rs mn)	FY22	FY23	FY24E	FY25E	FY26E
Share capital	2,850	2,850	2,850	2,850	2,850
Reserves & Surplus	5,810	10,981	14,705	25,139	41,862
Net worth	8,660	13,831	17,555	27,989	44,712
Minority interests	285	303	290	267	236
Deferred tax liability (net)	(1,868)	(2,798)	(2,798)	(2,798)	(2,798)
Total debt	91,215	85,766	1,04,866	1,06,866	96,866
Total liabilities & equity	98,292	97,103	1,19,914	1,32,325	1,39,016
Net tangible fixed assets	81,451	78,568	89,869	91,591	72,578
Net intangible assets	16,225	16,460	18,369	18,762	18,811
Net ROU assets	11,488	9,968	9,085	7,089	22,602
Capital WIP	8,723	11,481	11,481	11,481	11,481
Goodwill	0	0	18,000	18,000	18,000
Investments [JV/Associates]	15,652	19,506	14,506	14,506	14,506
Cash & equivalents	6,820	10,782	14,528	29,938	36,567
Current assets (ex-cash)	52,011	52,803	61,183	66,478	72,280
Current Liab. & Prov.	95,557	1,04,014	1,17,105	1,25,519	1,27,806
NWC (ex-cash)	(43,545)	(51,210)	(55,922)	(59,042)	(55,526)
Total assets	98,292	97,103	1,19,914	1,32,325	1,39,016
Net debt	68,743	55,479	75,833	62,423	45,794
Capital employed	96,814	95,554	1,19,914	1,32,325	1,39,016
Invested capital	65,618	53,786	79,400	76,401	76,464
BVPS (Rs)	25.2	43.1	61.6	98.2	156.9
Net Debt/Equity (x)	9.6	4.5	4.3	2.2	1.0
Net Debt/EBITDA (x)	1.6	1.3	1.8	1.2	0.8
Interest coverage (x)	0.2	0.2	0.3	0.2	0.1
RoCE (%)	22.6	25.2	17.8	23.2	26.9

Source: Company, Emkay Research

Valuations and Key Ratios					
Y/E March	FY22	FY23	FY24E	FY25E	FY26E
P/E (x)	31.1	27.7	45.2	24.2	18.1
P/CE(x)	13.2	12.4	13.1	10.9	9.2
P/B (x)	63.8	37.3	26.1	16.4	10.3
EV/Sales (x)	3.2	2.9	2.5	2.1	1.9
EV/EBITDA (x)	12.5	11.9	12.4	10.0	8.3
EV/EBIT(x)	27.5	26.4	34.7	20.9	15.9
EV/IC (x)	8.5	10.1	7.1	7.2	7.0
FCFF yield (%)	3.8	4.7	(2.5)	4.0	4.7
FCFE yield (%)	3.6	4.2	(4.1)	3.3	4.1
Dividend yield (%)	1.3	1.3	1.6	1.9	1.9
DuPont-RoE split					
Net profit margin (%)	8.8	9.3	4.8	7.7	9.5
Total asset turnover (x)	1.6	1.9	2.0	1.9	2.0
Assets/Equity (x)	29.4	9.9	7.2	5.5	3.7
RoE (%)	417.0	170.0	68.0	83.4	69.5
DuPont-RoIC					
NOPLAT margin (%)	8.9	9.7	5.9	8.6	10.0
IC turnover (x)	0.0	0.0	0.0	0.0	0.0
RoIC (%)	21.4	29.1	18.8	27.0	35.0
Operating metrics					
Core NWC days	(95.0)	(104.8)	(96.4)	(88.0)	(75.9)
Total NWC days	(95.0)	(104.8)	(96.4)	(88.0)	(75.9)
Fixed asset turnover	0.5	0.5	0.5	0.6	0.6
Opex-to-revenue (%)	37.7	40.1	42.3	41.3	40.8

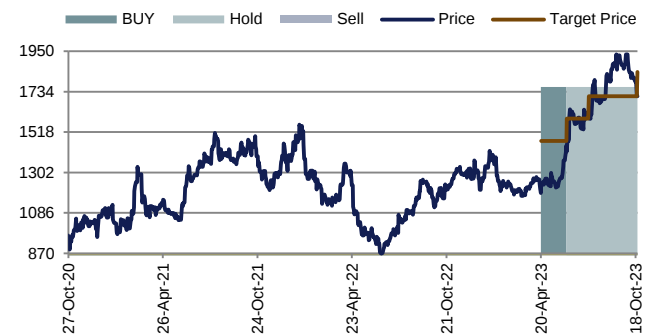
Source: Company, Emkay Research

RECOMMENDATION HISTORY - DETAILS

Date	CMP (INR)	TP (INR)	Rating	Analyst
21-Oct-23	1,710	1,840	Hold	Santosh Sinha
03-Sep-23	1,852	1,710	Hold	Santosh Sinha
20-Jul-23	1,604	1,710	Hold	Santosh Sinha
29-Jun-23	1,583	1,590	Hold	Santosh Sinha
08-Jun-23	1,414	1,590	Hold	Santosh Sinha
20-Apr-23	1,232	1,470	Buy	Santosh Sinha

Source: Company, Emkay Research

RECOMMENDATION HISTORY - TREND



Source: Bloomberg, Company, Emkay Research

GENERAL DISCLOSURE/DISCLAIMER BY EMKAY GLOBAL FINANCIAL SERVICES LIMITED (EGFSL):

Emkay Global Financial Services Limited (CIN-L67120MH1995PLC084899) and its affiliates are a full-service, brokerage, investment banking, investment management and financing group. Emkay Global Financial Services Limited (EGFSL) along with its affiliates are participants in virtually all securities trading markets in India. EGFSL was established in 1995 and is one of India's leading brokerage and distribution house. EGFSL is a corporate trading member of BSE Limited (BSE), National Stock Exchange of India Limited (NSE), MCX Stock Exchange Limited (MCX-SX), Multi Commodity Exchange of India Ltd (MCX) and National Commodity & Derivatives Exchange Limited (NCDEX) (hereinafter referred to be as "Stock Exchange(s)"). EGFSL along with its [affiliates] offers the most comprehensive avenues for investments and is engaged in the businesses including stock broking (Institutional and retail), merchant banking, commodity broking, depository participant, portfolio management and services rendered in connection with distribution of primary market issues and financial products like mutual funds, fixed deposits. Details of associates are available on our website i.e. www.emkayglobal.com.

EGFSL is registered as Research Analyst with the Securities and Exchange Board of India ("SEBI") bearing registration Number INH000000354 as per SEBI (Research Analysts) Regulations, 2014. EGFSL hereby declares that it has not defaulted with any Stock Exchange nor its activities were suspended by any Stock Exchange with whom it is registered in last five years. However, SEBI and Stock Exchanges had conducted their routine inspection and based on their observations have issued advice letters or levied minor penalty on EGFSL for certain operational deviations in ordinary/routine course of business. EGFSL has not been debarred from doing business by any Stock Exchange / SEBI or any other authorities; nor has its certificate of registration been cancelled by SEBI at any point of time.

EGFSL offers research services to its existing clients as well as prospects. 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.

This report is based on information obtained from public sources and sources believed to be reliable, but no independent verification has been made nor is its accuracy or completeness guaranteed. This report and information herein is solely for informational purpose and shall not be used or considered as an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments. Though disseminated to all the clients simultaneously, not all clients may receive this report at the same time. The securities discussed and opinions expressed in this report may not be suitable for all investors, who must make their own investment decisions, based on their own investment objectives, financial positions and needs of specific recipient.

EGFSL and/or its affiliates may seek investment banking or other business from the company or companies that are the subject of this material. EGFSL may have issued or may issue other reports (on technical or fundamental analysis basis) of the same subject company that are inconsistent with and reach different conclusion from the information, recommendations or information presented in this report or are contrary to those contained in this report. Users of this report may visit www.emkayglobal.com to view all Research Reports of EGFSL. The views and opinions expressed in this document may or may not match or may be contrary with the views, estimates, rating, and target price of the research published by any other analyst or by associate entities of EGFSL; our proprietary trading, investment businesses or other associate entities may make investment decisions that are inconsistent with the recommendations expressed herein. In reviewing these materials, you should be aware that any or all of the foregoing, among other things, may give rise to real or potential conflicts of interest including but not limited to those stated herein. Additionally, other important information regarding our relationships with the company or companies that are the subject of this material is provided herein. All material presented in this report, unless specifically indicated otherwise, is under copyright to Emkay. None of the material, nor its content, nor any copy of it, may be altered in any way, transmitted to, copied or distributed to any other party, without the prior express written permission of EGFSL. All trademarks, service marks and logos used in this report are trademarks or registered trademarks of EGFSL or its affiliates. The information contained herein is not intended for publication or distribution or circulation in any manner whatsoever and any unauthorized reading, dissemination, distribution or copying of this communication is prohibited unless otherwise expressly authorized. Please ensure that you have read "Risk Disclosure Document for Capital Market and Derivatives Segments" as prescribed by Securities and Exchange Board of India before investing in Indian Securities Market. In so far as this report includes current or historic information, it is believed to be reliable, although its accuracy and completeness cannot be guaranteed.

This report has not been reviewed or authorized by any regulatory authority. There is no planned schedule or frequency for updating research report relating to any issuer/subject company.

Please contact the primary analyst for valuation methodologies and assumptions associated with the covered companies or price targets.

Disclaimer for U.S. persons only: Research report is a product of Emkay Global Financial Services Ltd., under Marco Polo Securities 15a6 chaperone service, which is the employer of the research analyst(s) who has prepared the research report. The research analyst(s) preparing the research report is/are resident outside the United States (U.S.) and are not associated persons of any U.S. regulated broker-dealer and therefore the analyst(s) is/are not subject to supervision by a U.S. broker-dealer, and is/are not required to satisfy the regulatory licensing requirements of Financial Institutions Regulatory Authority (FINRA) or required to otherwise comply with U.S. rules or regulations regarding, among other things, communications with a subject company, public appearances and trading securities held by a research analyst account.

This report is intended for distribution to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the U.S. Securities and Exchange Act, 1934 (the Exchange Act) and interpretations thereof by U.S. Securities and Exchange Commission (SEC) in reliance on Rule 15a 6(a)(2). If the recipient of this report is not a Major Institutional Investor as specified above, then it should not act upon this report and return the same to the sender. Further, this report may not be copied, duplicated and/or transmitted onward to any U.S. person, which is not the Major Institutional Investor. In reliance on the exemption from registration provided by Rule 15a-6 of the Exchange Act and interpretations thereof by the SEC in order to conduct certain business with Major Institutional Investors. Emkay Global Financial Services Ltd. has entered into a chaperoning agreement with a U.S. registered broker-dealer, Marco Polo Securities Inc. ("Marco Polo"). Transactions in securities discussed in this research report should be effected through Marco Polo or another U.S. registered broker dealer.

RESTRICTIONS ON DISTRIBUTION

This report is not directed to, 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 or regulation. Except otherwise restricted by laws or regulations, this report is intended only for qualified, professional, institutional or sophisticated investors as defined in the laws and regulations of such jurisdictions. Specifically, this document does not constitute an offer to or solicitation to any U.S. person for the purchase or sale of any financial instrument or as an official confirmation of any transaction to any U.S. person. Unless otherwise stated, this message should not be construed as official confirmation of any transaction. No part of this document may be distributed in Canada or used by private customers in United Kingdom.

ANALYST CERTIFICATION BY EMKAY GLOBAL FINANCIAL SERVICES LIMITED (EGFSL)

The research analyst(s) primarily responsible for the content of this research report, in part or in whole, certifies that the views about the companies and their securities expressed in this report accurately reflect his/her personal views. The analyst(s) also certifies that no part of his/her compensation was, is, or will be, directly or indirectly, related to specific recommendations or views expressed in the report. The research analyst (s) primarily responsible of the content of this research report, in part or in whole, certifies that he or his associated persons¹ may have served as an officer, director or employee of the issuer or the new listing applicant (which includes in the case of a real estate investment trust, an officer of the management company of the real estate investment trust; and in the case of any other entity, an officer or its equivalent counterparty of the entity who is responsible for the management of the issuer or the new listing applicant). The research analyst(s) primarily responsible for the content of this research report or his associate may have Financial Interests² in relation to an issuer or a new listing applicant that the analyst reviews. EGFSL has procedures in place to eliminate, avoid and manage any potential conflicts of interests that may arise in connection with the production of research reports. The research analyst(s) responsible for this report operates as part of a separate and independent team to the investment banking function of the EGFSL and procedures are in place to ensure that confidential information held by either the research or investment banking function is handled appropriately. There is no direct link of EGFSL compensation to any specific investment banking function of the EGFSL.

¹ An associated person is defined as (i) who reports directly or indirectly to such a research analyst in connection with the preparation of the reports; or (ii) another person accustomed or obliged to act in accordance with the directions or instructions of the analyst.

² Financial Interest is defined as interest that are commonly known financial interest, such as investment in the securities in respect of an issuer or a new listing applicant, or financial accommodation arrangement between the issuer or the new listing applicant and the firm or analysis. This term does not include commercial lending conducted at the arm's length, or investments in any collective investment scheme other than an issuer or new listing applicant notwithstanding the fact that the scheme has investments in securities in respect of an issuer or a new listing applicant.

COMPANY-SPECIFIC / REGULATORY DISCLOSURES BY EMKAY GLOBAL FINANCIAL SERVICES LIMITED (EGFSL):

Disclosures by Emkay Global Financial Services Limited (Research Entity) and its Research Analyst under SEBI (Research Analyst) Regulations, 2014 with reference to the subject company(s) covered in this report:-

- EGFSL, its subsidiaries and/or other affiliates and Research Analyst or his/her associate/relative's may have Financial Interest/proprietary positions in the securities recommended in this report as of October 25, 2023
- EGFSL, and/or Research Analyst does not market make in equity securities of the issuer(s) or company(ies) mentioned in this Report
- Disclosure of previous investment recommendation produced:**
- EGFSL may have published other investment recommendations in respect of the same securities / instruments recommended in this research report during the preceding 12 months. Please contact the primary analyst listed in the first page of this report to view previous investment recommendations published by EGFSL in the preceding 12 months.
- EGFSL, its subsidiaries and/or other affiliates and Research Analyst or his/her relative's may have material conflict of interest in the securities recommended in this report as of October 25, 2023
- EGFSL, its affiliates and Research Analyst or his/her associate/relative's may have actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the October 25, 2023
- EGFSL or its associates may have managed or co-managed public offering of securities for the subject company in the past twelve months.
- EGFSL, its affiliates and Research Analyst or his/her associate may have received compensation in whatever form including compensation for investment banking or merchant banking or brokerage services or for products or services other than investment banking or merchant banking or brokerage services from securities recommended in this report (subject company) in the past 12 months.
- EGFSL, its affiliates and/or and Research Analyst or his/her associate may have received any compensation or other benefits from the subject company or third party in connection with this research report.

Emkay Rating Distribution

Ratings	Expected Return within the next 12-18 months.
BUY	Over 15%
HOLD	Between -5% to 15%
SELL	Below -5%

Emkay Global Financial Services Ltd.

CIN - L67120MH1995PLC084899

7th Floor, The Ruby, Senapati Bapat Marg, Dadar - West, Mumbai - 400028. India

Tel: +91 22 66121212 Fax: +91 22 66121299 Web: www.emkayglobal.com

OTHER DISCLAIMERS AND DISCLOSURES:**Other disclosures by Emkay Global Financial Services Limited (Research Entity) and its Research Analyst under SEBI (Research Analyst) Regulations, 2014 with reference to the subject company(s) :-**

EGFSL or its associates may have financial interest in the subject company.

Research Analyst or his/her associate/relative's may have financial interest in the subject company.

EGFSL or its associates and Research Analyst or his/her associate/ relative's may have material conflict of interest in the subject company. The research Analyst or research entity (EGFSL) have not been engaged in market making activity for the subject company.

EGFSL or its associates 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 public appearance or publication of Research Report.

Research Analyst or his/her associate/relatives 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 public appearance or publication of Research Report.

Research Analyst may have served as an officer, director or employee of the subject company.

EGFSL or its affiliates may have received any compensation including for investment banking or merchant banking or brokerage services from the subject company in the past 12 months. . Emkay may have issued or may issue other reports that are inconsistent with and reach different conclusion from the information, recommendations or information presented in this report or are contrary to those contained in this report. Emkay Investors may visit www.emkayglobal.com to view all Research Reports. The views and opinions expressed in this document may or may not match or may be contrary with the views, estimates, rating, and target price of the research published by any other analyst or by associate entities of Emkay; our proprietary trading, investment businesses or other associate entities may make investment decisions that are inconsistent with the recommendations expressed herein. EGFSL or its associates may have received compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company in the past 12 months. EGFSL or its associates may have received any compensation or other benefits from the Subject Company or third party in connection with the research report. EGFSL or its associates may have received compensation from the subject company in the past twelve months. Subject Company may have been client of EGFSL or its affiliates during twelve months preceding the date of distribution of the research report and EGFSL or its affiliates may have co-managed public offering of securities for the subject company in the past twelve months.