

IT Services

India

Sector View: Neutral NIFTY-50: 23,259 June 11, 2024

CTSH-big bet in core engineering services

CTSH announced the acquisition of Belcan for a consideration of US\$1.29 bn, through a mix of cash and stock. Belcan is a North American ERD services provider, with significant presence in asset-heavy industries such as aerospace, defense and industrial products. Acquisition consideration implies a transaction multiple of 1.6X EV/sales. The acquisition follows moves by large Indian IT peers, adopting the inorganic route to acquire ERD services companies. While the acquisition addresses a white space in CTSH's service offerings, ability to address different purchase centers for ERD and IT services would determine the extent of synergy realization. CTSH expects annual revenue synergies of over US\$100 mn within three years.

Contours of the acquisition

CTSH has entered a definitive agreement to acquire Belcan for US\$1.29bn, with a US\$1.19 bn cash payout and US\$97 mn in stock (1.47 mn shares). Belcan has a revenue run-rate of US\$800 mn and grew at 8% over the past two years (lower organically). The acquisition's strategic rationale is to (1) increase exposure to the ERD services market and play on the shift toward outsourcing of spends, (2) access to top clients in the aerospace, defense and industrial products industries and (3) scale ERD delivery leveraging CTSH's global delivery model. Post-acquisition, Belcan would operate as a unit of Cognizant, with its current CEO Lance Kwasniewski continuing to lead the acquired entity. Cognizant expects annual revenue synergies of US\$100 mn within the next three years.

The acquisition would be EPS dilutive in CY2024 due to the impact of (1) amortization of acquired intangibles and (2) integration and related expenses. CTSH expects 40 bps impact on EBITM in CY2024. We believe Belcan's EBITDA margin might be in the high single-digit/low double-digit range, given its onsite-centric delivery model. The acquisition would be broadly neutral on CY2025 EPS and accretive CY2026 onward, driven by revenue and cost synergies.

Choice of verticals interesting; competition intensifying in ERD services

CTSH has relatively modest presences in ERD services and the acquisition addresses this white space. We concur that ERD services is a fast-growing market, with a shift by enterprises to outsource spends, but growth in the addressable market has few nuances—(1) spends are cyclical and aligned with the innovation cycle in an industry, (2) embedded and software engineering services would grow faster than mechanical (core) engineering services and (3) shift in delivery from onsite and nearshore models toward offshore centers.

We believe sourcing patterns in verticals such as aerospace and automotive are mature in comparison to relatively underpenetrated verticals such as industrial products. Furthermore, services oriented toward embedded and software engineering services, though in mature verticals such as automotive, would grow at a faster rate, given the technology transition underway in the industry. For instance, KPIT and TELX have been among primary beneficiaries, given higher exposure to auto ERD services. Large Indian IT peers such as Infosys and HCLT have also made strategic moves to tap into elevated ERD spends by OEMs in the vertical. Nonetheless, we believe competition is intensifying with the entry of larger peers, but would closely watch the ability to extract synergies from cross-sell, given disparate purchase centers for IT and ERD services and differences in the nature of work.

Related Research

→ IT Services: ERD services - large→ IT Services: ERD growth is set to surge→

Full sector coverage on KINSITE

While Belcan's offerings are diversified, weightage is higher toward traditional engineering processes, lowering the relative attractiveness from a growth standpoint.

Onsite-centric core engineering services provider to asset-heavy industries

Belcan was founded in 1958 and was acquired by AE Industrial Partners in July 2015. The company had revenues of US\$700 mn and 7K employees in CY2016. It has a significant presence in onshore and nearshore, with 85% of delivery professionals based out of North America. The company has 6.5K engineers and tech consultants, and average revenue productivity of over US\$120K. It has higher client concentration than Indian ERD peers, with its top-15 clients contributing 70% of Belcan's revenues (Exhibit 2). Some of its marquee clients include Raytheon, Pratt & Whitney, Rolls-Royce, Boeing, Airbus, Lockheed Martin and GM. Belcan has reported a CAGR of 8% over the past two years and is likely to grow in CY2024E.

CTSH expects revenue synergies from—(1) cross-sell of IT services to Belcan's clients, leveraging CTSH's digital engineering, data, supply-chain and manufacturing operations capabilities, (2) scaling global ERD delivery to address demand from existing clients in sectors such as commercial aerospace and industrial manufacturing and (3) cross-sell Belcan's engineering services to CTSH's automotive and industrial clients. Engineering services require certain level of knowledge of clients' products and success of cross-sell would depend on companies' ability to address the varied requirements of CIO and CTO organizations.

Other highlights

- Outlook. CTSH expects 2QCY24 revenues in the upper-half of earlier guided band of US\$4.75-4.82 bn. CY2024 revenue guide remains unchanged and would be revised based on expected closure timelines of the acquisition. The company currently expects closure in 3QCY24.
- ▶ Share repurchases. CTSH has increased its share repurchase plan for CY2024 to maintain outstanding shares at its current guidance of 497 mn for CY2024.
- Client profile. Belcan works with each of top-10 R&D spenders in aerospace and defense verticals.
 There is minimal overlap of clients between both entities

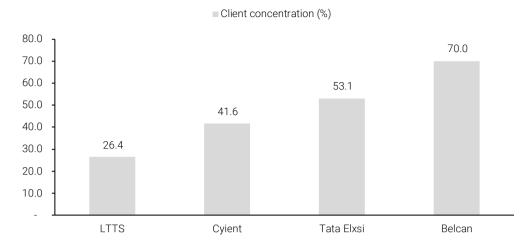
Exhibit 1: Select list of ERD services acquisitions by large IT services providers and transaction multiples (X)

Date	Company	Target	Consideration (US\$ bn)	Revenues (US\$ bn)	EV/sales (X)
Jun-24	Cognizant	Belcan	1.3	0.8	1.6
Apr-24	Infosys	InTech	0.5	0.2	2.6
Jan-24	Infosys	InSemi	0.03	0.02	1.8
Jul-23	HCL Tech	ASAP	0.3	0.2	1.7
Jul-21	Adecco	AKKA	2.4	1.8	1.3
Jun-21	Accenture	Umlaut	1.0	0.5	2.2
Mar-21	Hitachi	GlobalLogic	9.5	1.2	7.9
Jun-19	Capgemini	Altran	5.7	3.6	1.6

Source: Companies, Kotak Institutional Equities

Client concentration of Belcan is higher than Indian pure-play ERD peers such as LTTS and Cyient

Exhibit 2: Client concentration across ERD companies (%)

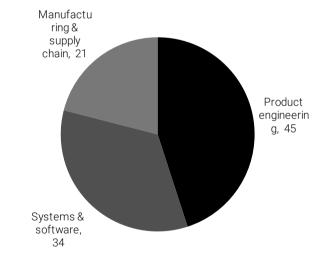


Notes:

(a) Top-10 clients' revenue mix for LTTS, Cyient and TELX; Top 15 clients' revenue contribution for Belcan

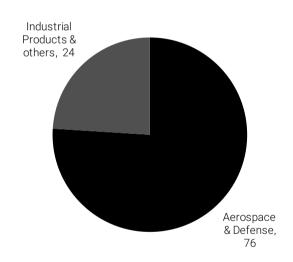
Source: Companies, Kotak Institutional Equities





Source: Company, Kotak Institutional Equities

Exhibit 4: Belcan-vertical revenue mix (%)



Note: Industrial products and others includes space and marine verticals

Source: Company, Kotak Institutional Equities

(2)

Tata Elxsi

Tata Technologies

Tech Mahindra

Exhibit 5: Valuation summary of key Indian technology companies

62 406

3,619

890 5,231 4.9

(44.5)

1.1 12.6 7.6

14.1

20.4

39.3

8.2 20.3 20.5 20.2

9.7 10.6 45.3 33.5

	10-Jun-24		Mkt	сар.		EPS (Rs)			P/E (X)		EV	//EBITDA (X)			RoE (%)	
Company	Price (Rs)	Rating	(Rs m)	(US\$ m)	2024E	2025E	2026E	2024E	2025E	2026E	2024E	2025E	2026E	2024E	2025E	2026E
Cyient	1,887	BUY	209,304	2,506	66.3	79.3	91.0	28.5	23.8	20.7	15.6	13.9	11.9	18.3	18.2	18.8
HCL Technologies	1,419	ADD	3,850,012	46,102	57.9	61.9	68.9	24.5	22.9	20.6	14.8	14.0	12.7	23.8	24.4	26.1
Infosys	1,500	BUY	6,226,805	74,564	58.5	62.6	71.3	25.6	23.9	21.0	16.6	15.5	13.7	29.7	28.4	30.0
KPIT Technologies	1,482	SELL	406,295	4,865	21.3	27.3	36.8	69.6	54.3	40.3	40.2	32.2	24.6	30.4	30.2	32.0
L&T Technology Services	4,799	SELL	507,551	6,078	123.5	129.1	148.6	38.9	37.2	32.3	24.9	24.8	21.4	25.4	23.9	24.1
LTIMindtree	4,903	REDUCE	1,452,222	17,390	155.0	168.0	200.6	31.6	29.2	24.4	21.2	19.9	16.8	25.0	23.3	24.4
Mphasis	2,395	REDUCE	452,664	5,420	82.4	89.6	103.4	29.1	26.7	23.2	18.1	16.8	14.6	18.6	18.8	20.4
Persistent Systems	3,746	REDUCE	576,994	6,909	73.7	83.7	105.9	50.8	44.8	35.4	33.0	28.6	22.8	25.6	24.1	25.9
Rategain	735	ADD	86,631	1,037	12.9	17.9	23.7	57.0	41.1	31.1	42.8	32.0	23.5	13.5	13.6	15.4
Tata Elxsi	7,140	SELL	444,663	5,325	127.2	137.7	165.6	56.1	51.9	43.1	41.0	36.7	30.6	34.5	32.1	33.9
Tata Technologies	1,058	SELL	429,015	5,137	17.0	20.5	24.7	62.0	51.5	42.8	44.4	35.7	29.2	22.3	24.3	25.8
TCS	3,859	ADD	13,961,114	167,179	129.6	142.3	157.3	29.8	27.1	24.5	21.0	19.1	17.1	50.4	52.7	52.4
Tech Mahindra	1,340	REDUCE	1,182,890	14,165	31.6	46.0	61.4	42.4	29.2	21.8	22.6	16.3	12.9	10.3	15.3	19.9
Wipro	475	SELL	2,484,923	29,756	20.9	23.6	25.3	22.7	20.2	18.8	13.1	11.7	10.7	14.3	15.2	14.6
		Target	O/S shares	EPS CAGR (%)	EPS	growth (%)	Ne	t Profit (Rs mn)		EB	ITDA (Rs mn)			Sales (Rs mn)	
Company		Price (Rs)	(mn)	2024-26E	2024E	2025E	2026E	2024E	2025E	2026E	2024E	2025E	2026E	2024E	2025E	2026E
Cyient		2,275	111	17.2	28.6	19.5	14.9	7,349	8,785	10,091	13,029	14,360	16,564	71,473	78,844	91,038
HCL Technologies		1,600	2,716	9.1	5.9	6.9	11.3	157,070	168,017	187,206	241,959	254,995	277,551	1,099,155	1,156,154	1,274,316
Infosys		1,750	4,146	10.3	1.7	7.0	13.8	242,640	259,607	295,384	364,250	388,669	436,031	1,536,710	1,603,967	1,772,330
KPIT Technologies		1,050	273	31.5	51.9	28.1	34.9	5,811	7,448	10,048	9,913	12,329	15,864	48,715	59,501	71,331
L&T Technology Services		4,400	106	9.7	11.4	4.5	15.1	13,036	13,627	15,688	19,189	19,736	22,642	96,472	104,416	118,815
LTIMindtree		4,800	296	13.8	4.0	8.4	19.4	45,821	49,674	59,296	63,874	66,856	77,523	355,170	371,708	418,614
Mphasis		2,400	189	12.0	(5.2)	8.7	15.4	15,549	16,926	19,535	24,190	26,069	29,748	132,785	142,820	162,467
Persistent Systems		3.450	155	19.9	22.2	13.6	26.5	11.421	12.973	16.416	17.243	19.656	24.318	98.216	113.794	134.435

7,924 6,914

28,160

109,720

10,316

54,609

132,539

8,576

8,332

40,917

123,228

10,466

49,645

170,081

11,599 11,642

69,505

178,776

13,841 14,109

86,971

188,975

35,521 51,171

2,408,930

519,955

897,942

38,965 59,453

520,764

900,773

45,977

69,679

563,558

955,775

Source: Bloomberg, Company, Kotak Institutional Equities

5,400

700

1,220

440

"Each of the analysts named below hereby certifies that, with respect to each subject company and its securities for which the analyst is responsible in this report, (1) all of the views expressed in this report accurately reflect his or her personal views about the subject companies and securities, and (2) no part of his or her compensation was, is, or will be, directly or indirectly, related to the specific recommendations or views expressed in this report: Kawalieet Saluia, Sathishkumar S, Vamshi Krishna."

Ratings and other definitions/identifiers

Definitions of ratings

BUY. We expect this stock to deliver more than 15% returns over the next 12 months.

ADD. We expect this stock to deliver 5-15% returns over the next 12 months.

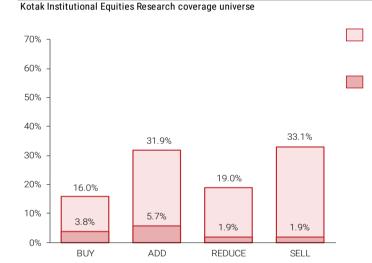
REDUCE. We expect this stock to deliver -5-+5% returns over the next 12 months.

SELL. We expect this stock to deliver <-5% returns over the next 12 months.

Our Fair Value estimates are also on a 12-month horizon basis.

Our Ratings System does not take into account short-term volatility in stock prices related to movements in the market. Hence, a particular Rating may not strictly be in accordance with the Rating System at all times.

Distribution of ratings/investment banking relationships



Percentage of companies covered by Kotak Institutional Equities, within the specified category.

Percentage of companies within each category for which Kotak Institutional Equities and or its affiliates has provided investment banking services within the previous 12 months.

* The above categories are defined as follows: Buy = We expect this stock to deliver more than 15% returns over the next 12 months; Add = We expect this stock to deliver 5-15% returns over the next 12 months; Reduce = We expect this stock to deliver -5-45% returns over the next 12 months; Sell = We expect this stock to deliver less than -5% returns over the next 12 months. Our target prices are also on a 12-month horizon basis. These ratings are used illustratively to comply with applicable regulations. As of 31/03/2024 Kotak Institutional Equities Investment Research had investment ratings on 263 equity securities.

Source: Kotak Institutional Equities

As of March 31, 2024

Coverage view

The coverage view represents each analyst's overall fundamental outlook on the Sector. The coverage view will consist of one of the following designations: Attractive, Neutral, Cautious.

Other ratings/identifiers

NR = Not Rated. The investment rating and fair value, if any, have been suspended temporarily. Such suspension is in compliance with applicable regulation(s) and/or Kotak Securities policies in circumstances when Kotak Securities or its affiliates is acting in an advisory capacity in a merger or strategic transaction involving this company and in certain other circumstances.

CS = Coverage Suspended. Kotak Securities has suspended coverage of this company.

NC = Not Covered. Kotak Securities does not cover this company.

RS = Rating Suspended. Kotak Securities Research has suspended the investment rating and fair value, if any, for this stock, because there is not a sufficient fundamental basis for determining an investment rating or fair value. The previous investment rating and fair value, if any, are no longer in effect for this stock and should not be relied upon.

NA = Not Available or Not Applicable. The information is not available for display or is not applicable.

NM = Not Meaningful. The information is not meaningful and is therefore excluded.

Corporate Office

Kotak Securities Ltd. 27 BKC, Plot No. C-27, "G Block" Bandra Kurla Complex, Bandra (E) Mumbai 400 051, India Tel: +91-22-43360000

Overseas Affiliates

Kotak Mahindra (UK) Ltd. 8th Floor, Portsoken House 155-157 Minories, London EC3N 1LS Tel: +44-20-7977-6900

Kotak Mahindra Inc. PENN 1,1 Pennsylvania Plaza, Suite 1720, New York, NY 10119, USA Tel: +1-212-600-8858

Copyright 2024 Kotak Institutional Equities (Kotak Securities Limited), All rights reserved.

The Kotak Institutional Equities research report is solely a product of Kotak Securities Limited and may be used for general information only. The legal entity preparing this research report is not registered as a broker-dealer in the United States and, therefore, is not subject to US rules regarding the preparation of research reports and/or the independence of research analysts.

- 1. Note that the research analysts contributing to this report are residents outside the United States and are not associates, employees, registered or qualified as research analysts with FINRA or a US-regulated broker dealer; and 2. Such research analysts may not be associated persons of Kotak Mahindra Inc. and therefore, may not be subject to FINRA Rule 2241 restrictions on communications with a subject company, public appearances and trading securities held
- by a research analyst.
- S. Kotak Mahindra Inc. does not accept or receive any compensation of any kind directly from US institutional investors for the dissemination of the Kotak Securities Limited research reports. However, Kotak Securities Limited has entered into an agreement with Kotak Mahindra Inc. which includes payment for sourcing new major US institutional investors and service existing clients based out of the US.

 4. In the United States, this research report is available solely for distribution to major US institutional investors, as defined in Rule 15a 6 under the Securities Exchange Act of 1934. This research report is distributed in the United States by Kotak Mahindra Inc., a US-registered broker-dealer, accepts responsibility for this research report and its dissemination in the United States.
- 5. This Kotak Securities Limited research report is not intended for any other persons in the United States. All major US institutional investors or persons outside the United States, having received this Kotak Securities Limited research report shall neither distribute the original nor a copy to any other person in the United States. Any US recipient of the research who wishes to effect a transaction in any security covered by the report should do so with or through Kotak Mahindra Inc. Please contact a US-registered representative; Vinay Goenka, Kotak Mahindra Inc., PENN 1,1 Pennsylvania Plaza, Suite 1720, New York, NY 10119, Direct +1 212 600 8858, vinay goenka@kotak.com.
- 6. This document does not constitute a no ffer of, or an invitation by or on behalf of Kotak Securities Limited or its affiliates consider to be reliable. None of Kotak Securities Limited accepts any 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 made as of the date of this document. Emerging securities markets may be subject to risks significantly higher than more established markets. In particular, the political and economic environment, company practices and market prices and volumes may be subject to significant variations. The ability to assess such risks may also be limited due to significantly lower information quantity and quality. By accepting this document, you agree to be bound by all the foregoing provisions.

This report is distributed in Singapore by Kotak Mahindra (UK) Limited (Singapore Branch) to institutional investors, accredited investors or expert investors only as defined under the Securities and Futures Act. Recipients of this analysis /report are to contact Kotak Mahindra (UK) Limited (Singapore Branch) (16 Raffles Quay, #35-02/03, Hong Leong Building, Singapore 048581) in respect of any matters arising from, or in connection with, this analysis/report. Kotak Mahindra (UK) Limited (Singapore Branch) is regulated by the Monetary Authority of Singapore.

(UK) Limited (Singapore Branch) is regulated by the Monetary Authority of Singapore. Kotak Securities Limited and its affiliates are a full-service, integrated investment banking, investment management, brokerage and financing group. We along with our affiliates are leading underwriter of securities and participants in virtually all securities trading markets in India. We and our affiliates have investment banking and other business relationships with a significant percentage of the companies covered by our Investment Research Department. Our research professionals provide important input into our investment banking and other business relationships with a significant percentage of the companies covered by our Investment banking or other business from the company or companies that are the subject of this material. Our research professionals are going in part based on the profitability of Kotak Securities Limited, which includes earnings from investment banking and other businesses. Kotak Securities Limited generally prohibits its analysts, persons reporting to analysts, and members of their households from maintaining a financial interest in the securities or derivatives of any companies that the analysts cover. Additionally, Kotak Securities Limited generally prohibits its analysts and persons reporting to analysts from serving as an officer, director, or advisory board member of any companies that the analysts cover. Our salespeople, tradering and other professionals may provide oral or written market commentary or trading strategies to our clients that reflect opinions that are inconsistent with the recommendations expressed herein, and our proprietary trading and investing businesses 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. Additionally, other important information regarding our relationships with the company or companies that are the subject of this material is provided herein.

or companies that are the subject of this material is provided netrain. This material is provided netrain. This material is provided netrain. This material should not be construed as an offer to sell or the solicitation of an offer to buy any security in any jurisdiction where such an offer or solicitation would be illegal. We are not soliciting any action based on this material. It is for the general information of clients of Kotak Securities Limited. It does not constitute a personal recommendation or take into account the particular investment objectives, financial situations, or needs of individual clients. Before acting on any advice or recommendation in this material, clients should consider whether it is suitable for their particular circumstances and, if necessary, seek professional advice. The price and value of the investments referred to in this material and the income from them may go down as well as up, and investors may realize losses on any investments. Past performance is not a guide for future performance, future returns are not guaranteed and a loss of original capital may occur. Kotak Securities Limited does not provide tax advise to its clients, and all investors are strongly advised to consult with their tax advisers regarding any potential investment. Certain transactions – including those involving futures, options, and other derivatives as well as non-investment-grade securities – give rise to substantial risk and are not suitable for all investors. The material is based on information that we consider reliable, but we do not represent that it is accurate or complete, and it should not be relied on as such. Opinions expressed are our current opinions as of the date appearing on this material only. We endeavor to update on a reasonable basis the information discussed in this material, but regulatory, compliance, or other reasons may prevent us from doing so. We and our affiliates, officers, directors, and employees, including persons involved in the preparation or issuance of this materia positions in, out a principal in, and buy or set in the second is a contract of contract in the extent that it relates to non-US issuers, prior to or immediately following its publication. Foreign currency-denominated securities are subject to fluctuations in exchange rates that could have an adverse effect on the value or price of or income derived from the investment. In addition, investors in securities such as ADRs, the value of which are influenced by foreign currency risk. In addition, options involve risks and are not suitable for all investors. Please ensure that you have read and understood the current derivatives risk disclosure document before entering into any derivative transactions.

Kotak Securities Limited established in 1994, is a subsidiary of Kotak Mahindra Bank Limited.

Kotak Securities Limited is a corporate trading and clearing member of BSE Limited (BSE), National Stock Exchange of India Limited (NSE), Metropolitan Stock Exchange of India Limited (MSE), National Commodity and Derivatives Exchange (NCDEX) and Multi Commodity Exchange (MCX). Our businesses include stock broking, services rendered in connection with distribution of primary market issues and financial products like mutual funds and fixed deposits, depository services and portfolio management.

Kotak Securities Limited is also a Depository Participant with National Securities Depository Limited (NSDL) and Central Depository Services (India) Limited (CDSL). Kotak Securities Limited is also registered with Insurance Regulatory and

Development Authority and having composite license acts as Corporate Agent of Kotak Mahindra Life Insurance Company Limited (RSSL) and Central Depository Services (India) Limited (LUSL). Kotak Securities Limited is also registered with Insurance Regulatory and Development Authority and having composite license acts as Corporate Agent of Kotak Mahindra Life Insurance Company Limited and Kotak Mahindra General Insurance Company Limited and so a Mutual Fund Advisor registered with Association of Mutual Funds in India (AMFI). Kotak Securities Limited is registered as a Research Analyst under SEBI (Research Analyst) Regulations, 2014.

We hereby declarer that our activities were neither suspended nor we have defaulted with any stock exchange authority with whom we are registered in last five years. However, SEBI, Exchanges and Depositories have conducted the routine inspection and based on their observations have issued advise letters or levied minor penalty on KSL for certain operational deviations. We have not been debarred from doing business by any stock exchange/SEBI or any other authorities, nor has our certificate of registration been cancelled by SEBI at any point of time.

We offer our research services to primarily institutional investors and their employees, directors, fund managers, advisors who are registered with us. Details of Associates are available on website, i.e. www.kotak.com and https://www.kotak.com/en/investor-relations/governance/subsidiaries.html.

Research Analyst has served as an officer, director or employee of subject company(ies): No.

We or our associates may have received compensation from the subject company(ies) in the past 12 months.

We or our associates have managed or co-managed public offering of securities for the subject company(ies) or acted as a market maker in the financial instruments of the subject company/company (ies) discussed herein in the past 12 months. YES. Visit our website for more details https://kie.kotak.com.

We or our associates may have received compensation for investment banking or merchant banking or brokerage services from the subject company(ies) in the past 12 months. We or our associates may have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company(ies) in the past 12 months. We or our associates may have received compensation or other benefits from the subject company(jes) or third party in connection with the research report.

Our associates may have financial interest in the subject company(ies)

Research Analyst or his/her relative's financial interest in the subject company(ies): No

Kotak Securities Limited has financial interest in the subject company(ies) at the end of the week immediately preceding the date of publication of Research Report: YES, Nature of Financial interest: Holding equity shares or derivatives of the subject company.

Our associates may have actual/beneficial ownership of 1% or more securities of the subject company(ies) at the end of the month immediately preceding the date of publication of Research Report.

Research Analyst or his/her relatives have actual/beneficial ownership of 1% or more securities of the subject company(ies) at the end of the month immediately preceding the date of publication of Research Report: No.

Kotak Securities Limited has actual/beneficial ownership of 1% or more securities of the subject company(ies) at the end of the month immediately preceding the date of publication of Research Report: No

Subject company(ies) may have been client during twelve months preceding the date of distribution of the research report.

A graph of daily closing prices of securities is available at https://www.moneycontrol.com/india/stockpricequote/ and http://economictimes.indiatimes.com/markets/stocks/stock-quotes. (Choose a company from the list on the browser and select the "three years" icon in the price chart).

First Cut notes published on this site are for information purposes only. They represent early notations and responses by analysts to recent events. Data in the notes may not have been verified by us and investors should not act upon any data or views in these notes. Most First Cut notes, but not necessarily all, will be followed by final research reports on the subject.

There could be variance between the First Cut note and the final research note on any subject, in which case the contents of the final research note would prevail. We accept no liability of the First Cut Notes. Analyst Certification

The analyst(s) authoring this research report hereby certifies that the views expressed in this research report accurately reflect such research analyst's personal views about the subject securities and issuers and that no part of his or her compensation was, is, or will be directly or indirectly related to the specific recommendations or views contained in the research report.

This report or any portion hereof may not be reprinted, sold or redistributed without the written consent of Firm. Firm Research is disseminated and available primarily electronically, and, in some cases, in printed form.

Additional information on recommended securities is available on request.

Our research should not be considered as an advertisement or advice, professional or otherwise. The investor is requested to take into consideration all the risk factors including their financial condition, suitability to risk return profile and the like and take professional advice before investing.

Investments in securities market are subject to market risks. Read all the related documents carefully before investing. Registration granted by SEBI and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors.

Derivatives are a sophisticated investment device. The investor is requested to take into consideration all the risk factors before actually trading in derivative contracts. Compliance Officer Details: Mr. Hiren Thakkar. Call: 022 - 4285 8484, or Email: ks.compliance@kotak.com.

Kotak Securities Limited. Registered Office: 27 BKC, C 27, G Block, Bandra Kurla Complex, Bandra (E), Mumbai 400051. CIN: U99999MH1994PLC134051, Telephone No.: +22 43360000, Fax No.: +22 67132430. Website: www.kotak.com / www.kotaksecurities.com. Correspondence Address: Infinity IT Park, Bldg. No 21, Opp. Film City Road, A K Vaidya Marg, Malad (East), Mumbai 400097. Telephone No: 42856825. SEBI Registration No: INZ000200137(Member of NSE, BSE, MSE, MCX & NCDEX), AMFI ARN 0164, PMS INP000000258 and Research Analyst INH000000586. NSDL/CDSL: IN-DP-629-2021. Compliance Officer Details: Mr. Hiren Thakkar. Call: 022 - 4285 8484, or Email: ks.compliance@kotak.com

Details of	Contact Person	Address	Contact No.	Email ID
Customer Care/ Complaints	Mr. Ritesh Shah	Kotak Towers, 8th Floor, Building No.21, Infinity	18002099393	ks.escalation@kotak.com
Head of Customer Care	Mr. Tabrez Anwar	Park, Off Western Express Highway, Malad (East),	022-42858208	ks.servicehead@kotak.com
Compliance Officer	Mr. Hiren Thakkar	Mumbai, Maharashtra - 400097	022-42858484	ks.compliance@kotak.com
CEO	Mr. Shripal Shah		022-42858301	ceo.ks@kotak.com

In absence of response/complaint not addressed to your satisfaction, you may lodge a complaint with SEBI at SEBI, NSE, BSE, Investor Service Center | NCDEX, MCX. Please quote your Service Ticket/Complaint Ref No. while raising your complaint at SEBI SCORES/Exchange portal. Kindly refer https://www.kotaksecurities.com/contact-us/ and for online dispute Resolution platform - Smart ODR