

Bharat Electronics

BSE Sensex 80,426 S&P CNX 24,655



Bloomberg	BHE IN
Equity Shares (m)	7310
M.Cap.(INRb)/(USDb)	2893.9 / 32.6
52-Week Range (INR)	436 / 240
1, 6, 12 Rel. Per (%)	8/27/42
12M Avg Val (INR M)	7561

Financials Snapshot (INR b)

Y/E March	2026E	2027E	2028E
Sales	276.7	325.5	386.4
Sales Gr. (%)	17.0	17.6	18.7
EBITDA	77.4	91.0	108.1
EBITDA Margin	28.0	28.0	28.0
Adj. PAT	60.1	71.8	85.6
Adj. EPS (INR)	8.2	9.8	11.7
EPS Gr. (%)	13.6	19.6	19.2
BV/Sh.(INR)	34.2	42.8	53.1

Ratios

RoE (%)	24.0	22.9	22.1
RoCE (%)	26.9	25.5	24.4
Payout (%)	12.4	12.4	12.4

Valuations

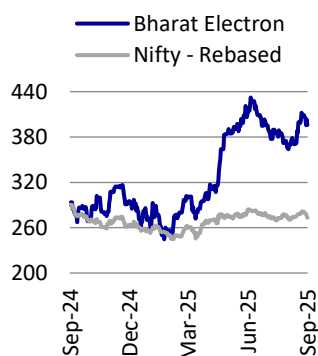
P/E (x)	48.2	40.3	33.8
P/BV (x)	11.6	9.2	7.5
EV/EBITDA (x)	35.2	29.3	24.1
Div. Yield (%)	0.3	0.3	0.4

Shareholding pattern (%)

As On	Jun-25	Mar-25	Jun-24
Promoter	51.1	51.1	51.1
DII	20.6	20.9	20.6
FII	18.6	17.6	17.4
Others	9.7	10.4	10.8

FII Includes depository receipts

Stock's performance (one-year)



CMP: INR396 TP: INR490 (+24%) Buy

RFP issued for much-awaited QRSAM project

As per press reports, the Indian Army has issued a tender to Bharat Electronics (BHE) for the QRSAM project, also known as Anant Shastra, worth INR300b. The Indian Army will procure 5-6 regiments of the indigenously developed 'Anant Shastra' surface-to-air missile weapon systems and BHE will be the lead integrator. This order enhances BHE's order book to more than INR1t now. Along with this order, we also expect BHE to benefit from orders for next-generation corvettes, electronics warfare, follow-on orders for electronics for 97 Tejas Mk1A, loitering munition programs, and export opportunities. We maintain our estimates and reiterate BUY on BHE with a TP of INR490, based on 45x Sep'27E earnings.

Key Investment Thesis

Award of Anant Shastra (QRSAM) project

The Indian Army has issued a tender to BHE for the much-awaited QRSAM project, which was developed by DRDO. The Defence Acquisition Council had cleared the procurement proposal for this project shortly after Operation Sindoor in May'25. This project is worth nearly INR300b and would strengthen the Indian Army's air defense system. This mobile system can search, track and engage targets on the move, with a firing range of around 30km, complementing existing MRSAM and Akash systems. BHE will be the lead integrator for this project. We also expect the award of missiles for QRSAM to flow through to Bharat Dynamics (BDL). Our estimates already factor in the award of this project, and we expect the execution to commence primarily from FY27 onward.

Other projects in pipeline for BHE

Beyond this QRSAM project, over the next 12-18 months, we expect the company to benefit from the finalization of orders for next-generation corvettes, multiple subsystem orders for the MF-STAR radar program, which are currently under configuration and pricing discussions with shipyards, Shatrughat and Samaghat electronic warfare (EW) systems, follow-on order for 97 LCA Mk1A, aircraft and loitering munition programs such as MALE-class drones. BHE is also well positioned across 8-10 items for an emergency procurement program and has also tied up with players for EoI for AMCA program. These orders, coupled with its existing strong order book of more than INR1t, now will help BHE sustain 15-17% revenue growth over the next 5-7 years.

BHE can potentially target large number of items from TPCR 2025 roadmap

From the recently announced technology and capability road map, TPCR 2025, we expect BHE can target wide-ranging opportunities across all three services, with the Army focusing on EW systems, radios, radar modules, and drone-countering solutions; the Navy seeking advanced radars, sonar suites, ESM systems, integrated masts, maritime communication networks, and tactical 4G/5G systems; and the Air Force requiring secure communication networks, surveillance radars, EW suites, IFF systems, and AI/ML-based data fusion. Under TPCR 2025, annual potential ordering for the sector can be USD25-30b over the next couple of years.

Teena Virmani - Research Analyst (Teena.Virmani@MotilalOswal.com)

Prerit Jain - Research Analyst (Prerit.Jain@MotilalOswal.com)

Investors are advised to refer through important disclosures made at the last page of the Research Report.

Motilal Oswal research is available on www.motilaloswal.com/Institutional-Equities, Bloomberg, Thomson Reuters, Factset and S&P Capital.

Financial outlook

Our estimates already factor in large-sized order inflows from QRSAM and next-generation corvettes to materialize between FY26 and FY27. We also bake in longer gestation period for these orders and expect a sales/EBITDA/PAT CAGR of 18%/17%/17% over FY25-28. We expect OCF/FCF to remain strong over FY26-28, led by control over working capital. Further, the company has a cash surplus of INR94b (as of FY25), providing scope for further capacity expansion.

Valuation and view

BHE is currently trading at 48.2x/40.3x/33.8x on FY26E/FY27E/FY28E EPS. We maintain our BUY rating and two-year forward TP of INR490, based on 45x Sep'27E earnings.

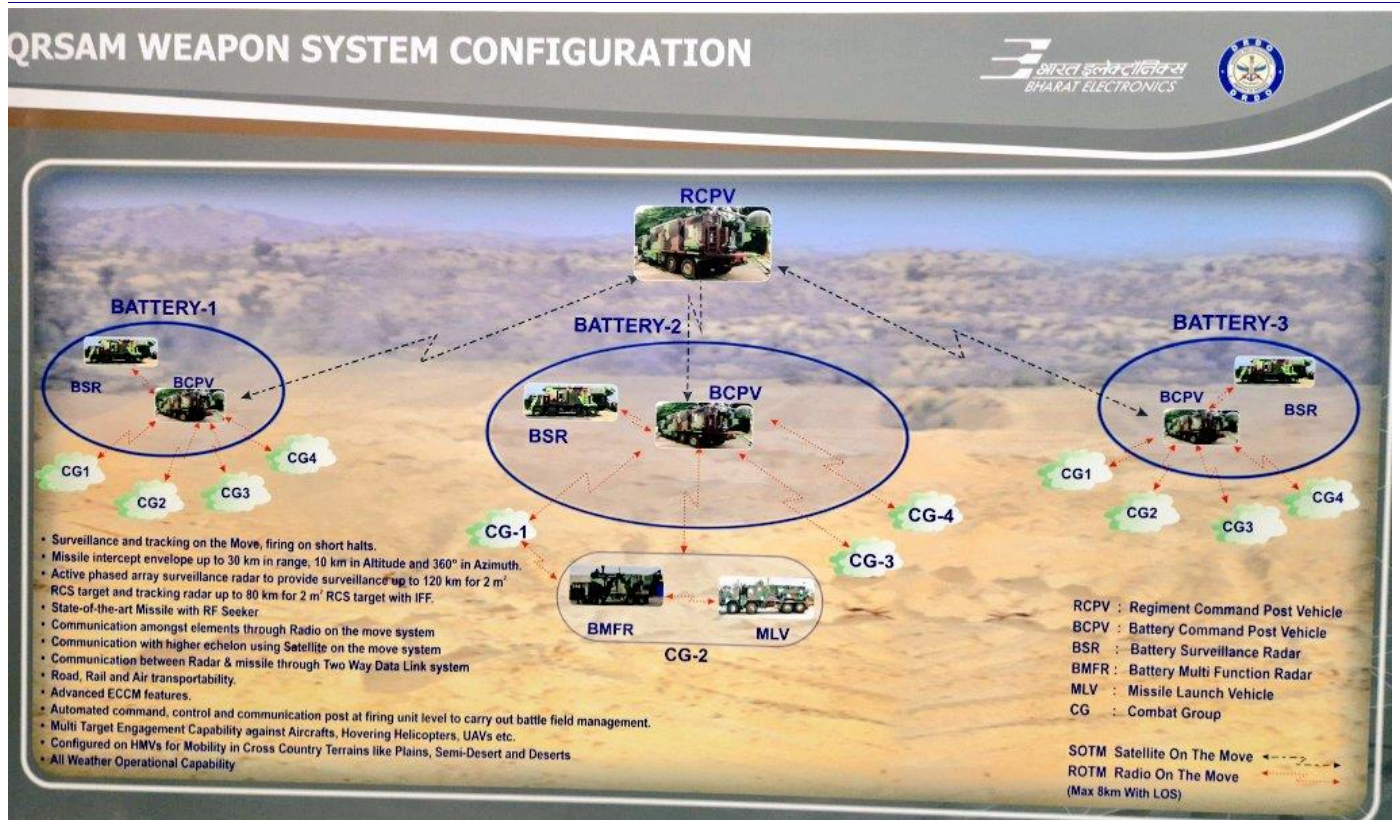
Key risks and concerns

A slowdown in order inflows from the defense and non-defense segments, intensified competition, further delays in the finalization of large tenders, a sharp rise in commodity prices, and delays in payments from the MoD can adversely impact our estimates on revenue, margins, and cash flows.

Quick reaction surface-to-air missile (QRSAM)

The QRSAM is a short-range, mobile air defense system developed by India's DRDO in association with BHE and BDL, with both firms participating in development and manufacturing. The QRSAM system has a high level of indigenization, with a current level of 90% indigenous components. It is designed to protect the moving armored columns from aerial threats, offering a rapid response against aircraft, helicopters, UAVs, and cruise missiles. The QRSAM system is highly mobile, capable of searching, tracking, and firing on the move or with short halts.

Exhibit 1: QRSAM – system configuration



Source: Company, MOFSL

Components of QRSAM:

- **Regiment Command Post Vehicle (RCPV):** A QRSAM weapon system comprises one RCPV, which acts as the central system controlling three guided-weapon batteries via SOTM (satellite on the move).
- **Battery Command Post Vehicle (BCPV):** The heart of the battery system is the BCP, which is capable of commanding up to six combat groups (CG).
- **Battery Multi-Function Radar (BMFR):** Each CG, in its two-vehicle configuration, consists of one BMFR vehicle, which can track 64 targets simultaneously at a distance of up to 80km.
- **Battery Surveillance Radar (BSR):** BCP also receives target data from BSR vehicle with a tracking range of 120km.
- **Missile Launch Vehicle:** The vehicle to which the launchers are attached.
- **Missile:** For the missiles meant for the Indian Armed Forces, **BDL** is the lead integrator of the missile.
- **Mobile Launcher Vehicle:** There is a transporter erector launcher (TEL), which is a six-tube canisterized launcher mounted heavy mobility vehicles. Each launcher has six missiles and can target six different targets. The launcher has all-round firing capability, 10-16 degrees in elevation, and 360-degree azimuth.
- **BMFR and BSR:** The BMFR & BSR, developed by **BHE**, are four-walled and configured to provide 360-degree coverage. The radar uses Quad TR modules based on gallium nitride.
- **RF Seeker:** QRSAM uses an indigenous RF seeker developed by **RCI**, which is also used in the Astra BVR air-to-air missile and Akash 1s SAM. DRDO has also developed a ceramic radome for QRSAM.
- **Laser proximity fuze:** The missile has a laser proximity fuze developed by the **Instruments Research and Development Establishment (IRDE)** to enhance accuracy and reduce its susceptibility to jamming.
- **Avionics:** The IRDE has developed a stabilized electro-optical sight (SEOS) with two-axis stabilization and an integrated automatic video tracker facility. The indigenous SEOS has three electro-optical sensors, a third-generation 3-5 μm (640 x 512 FPA) thermal imager (TI) with optical zoom, a color day TV with optical zoom camera, and an eye-safe laser range finder (ELRF).

Financials and valuation

Income statement								(INR M)	
Y/E March	2020	2021	2022	2023	2024	2025	2026E	2027E	2028E
Net Sales	1,29,211	1,40,638	1,53,138	1,76,462	2,01,694	2,36,580	2,76,738	3,25,492	3,86,417
Change (%)	6.9	8.8	8.9	15.2	14.3	17.3	17.0	17.6	18.7
Raw Materials	71,052	78,278	89,025	98,088	1,05,659	1,21,810	1,42,486	1,67,588	1,98,958
Gross Profit	58,160	62,360	64,113	78,374	96,035	1,14,770	1,34,252	1,57,903	1,87,460
Staff Cost	20,575	19,407	21,094	22,977	24,667	27,344	33,762	39,710	47,143
Other expenses	10,283	11,142	9,926	14,921	21,386	19,751	23,103	27,174	32,260
EBITDA	27,301	31,811	33,092	40,475	49,982	67,676	77,386	91,020	1,08,057
% of Net Sales	21.1	22.6	21.6	22.9	24.8	28.6	28.0	28.0	28.0
Depreciation	3,496	3,663	3,802	4,079	4,124	4,356	4,968	5,551	6,185
Interest	33	61	49	148	70	96	96	96	96
Other Income	1,019	1,261	2,336	3,600	7,558	7,676	8,198	10,911	12,981
PBT	24,792	29,348	31,578	39,849	53,346	70,900	80,520	96,283	1,14,757
Tax	6,853	8,694	8,089	9,782	13,146	18,017	20,462	24,468	29,163
Rate (%)	27.6	29.6	25.6	24.5	24.6	25.4	25.4	25.4	25.4
Adjusted PAT	17,938	20,654	23,489	30,067	40,200	52,883	60,058	71,815	85,595
Reported PAT	17,938	20,654	23,489	30,067	40,200	52,883	60,058	71,815	85,595
Change (%)	-6.9	15.1	13.7	28.0	33.7	31.5	13.6	19.6	19.2

Balance sheet								(INR M)	
Y/E March	2020	2021	2022	2023	2024	2025	2026E	2027E	2028E
Share Capital	2,437	2,437	2,437	7,310	7,310	7,310	7,310	7,310	7,310
Reserves	96,824	1,06,331	1,18,055	1,29,146	1,54,116	1,90,237	2,42,823	3,05,704	3,80,650
Net Worth	99,261	1,08,768	1,20,492	1,36,455	1,61,426	1,97,546	2,50,133	3,13,014	3,87,960
Loans	-	-	-	-	-	-	-	-	-
Deferred Tax Liability	(4,974)	(4,634)	(6,207)	(5,034)	(5,742)	(5,341)	(5,341)	(5,341)	(5,341)
Capital Employed	94,287	1,04,134	1,14,285	1,31,422	1,55,684	1,92,205	2,44,791	3,07,673	3,82,619
Gross Fixed Assets	42,815	45,103	50,090	55,847	60,414	70,287	78,787	87,787	97,787
Less: Depreciation	12,784	16,448	20,250	24,328	28,453	32,808	37,776	43,328	49,512
Net Fixed Assets	30,030	28,655	29,840	31,518	31,962	37,479	41,011	44,459	48,275
Capital WIP	1,994	3,507	3,986	3,616	4,538	4,688	4,688	4,688	4,688
Investments	12,233	13,313	15,543	6,645	7,678	8,204	8,204	8,204	8,204
Curr. Assets	1,89,879	2,40,423	2,78,924	3,03,732	3,41,637	3,48,469	4,65,592	5,73,420	7,05,028
Inventory	39,628	49,547	55,669	64,121	74,076	90,697	1,06,092	1,24,782	1,48,139
Debtors	40,055	65,515	61,034	70,220	73,622	90,920	1,06,352	1,25,089	1,48,503
Cash & Bank Balance	15,562	50,082	74,991	80,090	1,09,681	93,973	1,70,467	2,26,302	2,92,937
Loans & Advances	400	527	88	83	84	81	17	20	24
Other Current Assets	94,235	74,752	87,142	89,219	84,174	72,799	82,663	97,226	1,15,425
Current Liab. & Prov.	1,39,850	1,81,764	2,14,008	2,14,089	2,30,131	2,06,635	2,74,703	3,23,099	3,83,576
Liabilities	1,25,091	1,64,265	1,91,851	1,99,468	2,13,630	1,90,387	2,55,697	3,00,744	3,57,037
Provisions	14,759	17,499	22,157	14,621	16,500	16,248	19,006	22,355	26,539
Net Current Assets	50,029	58,659	64,916	89,643	1,11,506	1,41,834	1,90,889	2,50,321	3,21,452
Application of Funds	94,287	1,04,134	1,14,285	1,31,422	1,55,684	1,92,205	2,44,791	3,07,673	3,82,619

Financials and valuation

Ratios

Y/E March	2020	2021	2022	2023	2024	2025	2026E	2027E	2028E
Adjusted EPS	7.4	8.5	9.6	4.1	5.5	7.2	8.2	9.8	11.7
Growth (%)	-6.9	15.1	13.7	-57.3	33.7	31.5	13.6	19.6	19.2
Cash EPS	8.8	10.0	11.2	4.7	6.1	7.8	8.9	10.6	12.6
Book Value	40.7	44.6	49.5	18.7	22.1	27.0	34.2	42.8	53.1
DPS	3.1	3.4	4.2	1.7	0.8	0.9	1.0	1.2	1.5
Payout (incl. Div. Tax.)	42	40	44	41	15	12	12	12	12
Valuation (x)									
P/E (standalone)	53.8	46.7	41.1	96.3	72.0	54.7	48.2	40.3	33.8
Cash P/E	45.0	39.7	35.3	84.8	65.3	50.6	44.5	37.4	31.5
EV/EBITDA	34.8	28.7	26.9	69.5	55.7	41.4	35.2	29.3	24.1
EV/Sales	7.5	6.6	5.9	16.2	13.8	11.8	9.8	8.2	6.7
Price/Book Value	9.7	8.9	8.0	21.2	17.9	14.6	11.6	9.2	7.5
Dividend Yield (%)	0.8	0.9	1.1	0.4	0.2	0.2	0.3	0.3	0.4
Profitability Ratios (%)									
RoE	18.1	19.0	19.5	22.0	24.9	26.8	24.0	22.9	22.1
RoCE	18.9	19.9	20.5	23.5	27.0	29.5	26.9	25.5	24.4
RoIC	26.7	38.9	76.5	90.3	92.3	79.3	73.6	98.1	104.6
Turnover Ratios									
Debtors (Days)	113	170	145	145	133	140	140	140	140
Inventory (Days)	112	129	133	133	134	140	140	140	140
Fixed Asset Turnover (x)	2.9	3.1	3.0	3.1	3.3	3.4	3.5	3.7	4.0

Cash flow statement

Y/E March	2020	2021	2022	2023	2024	2025	2026E	2027E	2028E
PBT before Extraordinary Items	24,792	29,348	31,578	39,849	53,346	70,900	80,520	96,283	1,14,757
Add : Depreciation	3,496	3,663	3,802	4,079	4,124	4,356	4,968	5,551	6,185
Interest and others	(292)	750	(1,241)	(2,046)	5,516	(6,437)	96	96	96
Less : Direct Taxes Paid	5,684	5,323	8,024	9,150	14,130	16,674	20,462	24,468	29,163
(Inc)/Dec in WC	3,013	22,597	15,498	(21,179)	(2,376)	(47,341)	27,440	(3,598)	(4,496)
CF from Operations	25,325	51,035	41,612	11,552	46,480	4,804	92,562	73,865	87,379
CF from Operations after EOI	25,325	51,035	41,612	11,552	46,480	4,804	92,562	73,865	87,379
(Inc)/Dec in FA	(7,264)	(4,664)	(5,461)	(5,621)	(6,423)	(10,010)	(8,500)	(9,000)	(10,000)
Free Cash Flow	18,062	46,371	36,151	5,931	40,057	(5,206)	84,062	64,865	77,379
(Pur)/Sale of Investments	(731)	(1,094)	(43,145)	33,442	(52,465)	17,494	-	-	-
CF from Investments	(7,995)	(5,758)	(48,606)	27,820	(58,888)	7,484	(8,500)	(9,000)	(10,000)
(Inc)/Dec in Networth	(250)	(83)	-	-	-	-	0	-	-
(Inc)/Dec in Debt	(13)	(16)	-	-	-	-	-	-	-
Less : Interest Paid	552	431	539	697	128	156	96	96	96
Dividend Paid	9,793	10,227	10,233	12,424	14,615	16,806	7,471	8,934	10,648
CF from Fin. Activity	(10,608)	(10,757)	(10,772)	(13,121)	(14,743)	(16,961)	(7,568)	(9,030)	(10,744)
Inc/Dec of Cash	6,722	34,519	(17,766)	26,251	(27,152)	(4,673)	76,494	55,835	66,635
Add: Beginning Balance	8,840	15,562	50,082	74,991	80,090	98,646	93,973	1,70,467	2,26,302
Other adjustments	-	-	42,675	(21,153)	56,743	(11,035)	-	-	-
Closing Balance	15,562	50,082	74,991	80,090	1,09,681	93,973	1,70,467	2,26,302	2,92,937

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

Explanation of Investment Rating	
Investment Rating	Expected return (over 12-month)
BUY	>=15%
SELL	< - 10%
NEUTRAL	< - 10 % to 15%
UNDER REVIEW	Rating may undergo a change
NOT RATED	We have forward looking estimates for the stock but we refrain from assigning recommendation

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

Disclosures

The following Disclosures are being made in compliance with the SEBI Research Analyst Regulations 2014 (herein after referred to as the Regulations).

Motilal Oswal Financial Services Ltd. (MOFSL) is a SEBI Registered Research Analyst having registration no. INH000000412. MOFSL, the Research Entity (RE) as defined in the Regulations, is engaged in the business of providing Stock broking services, Depository participant services & distribution of various financial products. MOFSL is a listed public company, the details in respect of which are available on www.motilaloswal.com. MOFSL (erstwhile Motilal Oswal Securities Limited - MOSL) is registered with the Securities & Exchange Board of India (SEBI) and is a registered Trading Member with National Stock Exchange of India Ltd. (NSE) and Bombay Stock Exchange Limited (BSE), Multi Commodity Exchange of India Limited (MCX) and National Commodity & Derivatives Exchange Limited (NCDEX) for its stock broking activities & is Depository participant with Central Depository Services Limited (CDSL) National Securities Depository Limited (NSDL), NERL, COMRIS and CCRL and is member of Association of Mutual Funds of India (AMFI) for distribution of financial products and Insurance Regulatory & Development Authority of India (IRDA) as Corporate Agent for insurance products. Details of associate entities of Motilal Oswal Financial Services Limited are available on the website at <http://online.reports.motilaloswal.com/Dormant/documents/List%20of%20Associate%20companies.pdf>

MOFSL and its associate company(ies), their directors and Research Analyst and their relatives may; (a) from time to time, have a long or short position in, act as principal in, and buy or sell the securities or derivatives thereof of companies mentioned herein. (b) be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the company(ies) discussed herein or act as an advisor or lender/borrower to such company(ies) or may have any other potential conflict of interests with respect to any recommendation and other related information and opinions; however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of MOFSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report.

MOFSL and / or its affiliates do and seek to do business including investment banking with companies covered in its research reports. As a result, the recipients of this report should be aware that MOFSL may have a potential conflict of interest that may affect the objectivity of this report. Compensation of Research Analysts is not based on any specific merchant banking, investment banking or brokerage service transactions. Details of pending Enquiry Proceedings of Motilal Oswal Financial Services Limited are available on the website at

<https://galaxy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx>

A graph of daily closing prices of securities is available at www.nseindia.com, www.bseindia.com. Research Analyst views on Subject Company may vary based on Fundamental research and Technical Research. Proprietary trading desk of MOFSL or its associates maintains arm's length distance with Research Team as all the activities are segregated from MOFSL research activity and therefore it can have an independent view with regards to Subject Company for which Research Team have expressed their views.

Regional Disclosures (outside India)

This report is not directed or intended for distribution to or use by any person or entity resident in a state, country or any jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject MOFSL & its group companies to registration or licensing requirements within such jurisdictions.

For Hong Kong:

This report is distributed in Hong Kong by Motilal Oswal capital Markets (Hong Kong) Private Limited, a licensed corporation (CE AYY-301) licensed and regulated by the Hong Kong Securities and Futures Commission (SFC) pursuant to the Securities and Futures Ordinance (Chapter 571 of the Laws of Hong Kong) "SFO". As per SEBI (Research Analyst Regulations) 2014 Motilal Oswal Securities (SEBI Reg. No. INH000000412) has an agreement with Motilal Oswal capital Markets (Hong Kong) Private Limited for distribution of research report in Hong Kong. This report is intended for distribution only to "Professional Investors" as defined in Part I of Schedule 1 to SFO. Any investment or investment activity to which this document relates is only available to professional investor and will be engaged only with professional investors." Nothing here is an offer or solicitation of these securities, products and services in any jurisdiction where their offer or sale is not qualified or exempt from registration. The Indian Analyst(s) who compile this report is/are not located in Hong Kong & are not conducting Research Analysis in Hong Kong.

For U.S.

Motilal Oswal Financial Services Limited (MOFSL) is not a registered broker - dealer under the U.S. Securities Exchange Act of 1934, as amended (the "1934 act") and under applicable state laws in the United States. In addition MOFSL is not a registered investment adviser under the U.S. Investment Advisers Act of 1940, as amended (the "Advisers Act" and together with the 1934 Act, the "Acts"), and under applicable state laws in the United States. Accordingly, in the absence of specific exemption under the Acts, any brokerage and investment services provided by MOFSL, including the products and services described herein are not available to or intended for U.S. persons. This report is intended for distribution only to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the Exchange Act and interpretations thereof by SEC (henceforth referred to as "major institutional investors"). This document must not be acted on or relied on by persons who are not major institutional investors. Any investment or investment activity to which this document relates is only available to major institutional investors and will be engaged in only with major institutional investors. In reliance on the exemption from registration provided by Rule 15a-6 of the U.S. Securities Exchange Act of 1934, as amended (the "Exchange Act") and interpretations thereof by the U.S. Securities and Exchange Commission ("SEC") in order to conduct business with Institutional Investors based in the U.S., MOFSL has entered into a chaperoning agreement with a U.S. registered broker-dealer, Motilal Oswal Securities International Private Limited. ("MOSIPL"). Any business interaction pursuant to this report will have to be executed within the provisions of this chaperoning agreement.

The Research Analysts contributing to the report may not be registered /qualified as research analyst with FINRA. Such research analyst may not be associated persons of the U.S. registered broker-dealer, MOSIPL, and therefore, may not be subject to NASD rule 2711 and NYSE Rule 472 restrictions on communication with a subject company, public appearances and trading securities held by a research analyst account.

For Singapore

In Singapore, this report is being distributed by Motilal Oswal Capital Markets (Singapore) Pte. Ltd. ("MOCMSPL") (UEN 201129401Z), which is a holder of a capital markets services license and an exempt financial adviser in Singapore. This report is distributed solely to persons who (a) qualify as "institutional investors" as defined in section 4A(1)(c) of the Securities and Futures Act of Singapore ("SFA") or (b) are considered "accredited investors" as defined in section 2(1) of the Financial Advisers Regulations of Singapore read with section 4A(1)(a) of the SFA. Accordingly, if a recipient is neither an "institutional investor" nor an "accredited investor", they must immediately discontinue any use of this Report and inform MOCMSPL.

In respect of any matter arising from or in connection with the research you could contact the following representatives of MOCMSPL. In case of grievances for any of the services rendered by MOCMSPL write to grievances@motilaloswal.com.

Nainesh Rajani

Email: nainesh.rajani@motilaloswal.com

Contact: (+65) 8328 0276

Specific Disclosures

- Research Analyst and/or his/her relatives do not have a financial interest in the subject company(ies), as they do not have equity holdings in the subject company(ies).
MOFSL has financial interest in the subject company(ies) at the end of the week immediately preceding the date of publication of the Research Report: Yes.
Nature of Financial interest is holding equity shares or derivatives of the subject company
- Research Analyst and/or his/her relatives do not have actual/beneficial ownership of 1% or more securities in the subject company(ies) at the end of the month immediately preceding the date of publication of Research Report.
MOFSL 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
- Research Analyst and/or his/her relatives have not received compensation/other benefits from the subject company(ies) in the past 12 months.
MOFSL may have received compensation from the subject company(ies) in the past 12 months.
- Research Analyst and/or his/her relatives do not have material conflict of interest in the subject company at the time of publication of research report.
MOFSL does not have material conflict of interest in the subject company at the time of publication of research report.
- Research Analyst has not served as an officer, director or employee of subject company(ies).
- MOFSL has not acted as a manager or co-manager of public offering of securities of the subject company in past 12 months.
- MOFSL has not received compensation for investment banking /merchant banking/brokerage services from the subject company(ies) in the past 12 months.
- MOFSL 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.
- MOFSL may have received compensation or other benefits from the subject company(ies) or third party in connection with the research report.
- MOFSL has not engaged in market making activity for the subject company.

The associates of MOFSL may have:
financial interest in the subject company

actual/beneficial ownership of 1% or more securities in the subject company at the end of the month immediately preceding the date of publication of the Research Report or date of the public appearance.

received compensation/other benefits from the subject company in the past 12 months

any other potential conflict of interests with respect to any recommendation and other related information and opinions.; however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of MOFSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report.

acted as a manager or co-manager of public offering of securities of the subject company in past 12 months

be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the company(ies) discussed herein or act as an advisor or lender/borrower to such company(ies)

received compensation from the subject company in the past 12 months for investment banking / merchant banking / brokerage services or from other than said services.

Served subject company as its clients during twelve months preceding the date of distribution of the research report.

The associates of MOFSL has not received any compensation or other benefits from third party in connection with the research report

Above disclosures include beneficial holdings lying in demat account of MOFSL which are opened for proprietary investments only. While calculating beneficial holdings, It does not consider demat accounts which are opened in name of MOFSL for other purposes (i.e holding client securities, collaterals, error trades etc.). MOFSL also earns DP income from clients which are not considered in above disclosures.

Analyst Certification

The views expressed in this research report accurately reflect the personal views of the analyst(s) about the subject securities or issues, and no part of the compensation of the research analyst(s) was, is, or will be directly or indirectly related to the specific recommendations and views expressed by research analyst(s) in this report.

Terms & Conditions:

This report has been prepared by MOFSL and is meant for sole use by the recipient and not for circulation. The report and information contained herein is strictly confidential and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent of MOFSL. The report is based on the facts, figures and information that are considered true, correct, reliable and accurate. The intent of this report is not recommendatory in nature. The information is obtained from publicly available media or other sources believed to be reliable. Such information has not been independently verified and no guaranty, representation of warranty, express or implied, is made as to its accuracy, completeness or correctness. All such information and opinions are subject to change without notice. The report is prepared solely for informational purpose and does not constitute an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments for the clients. Though disseminated to all the customers simultaneously, not all customers may receive this report at the same time. MOFSL will not treat recipients as customers by virtue of their receiving this report.

Disclaimer:

The report and information contained herein is strictly confidential and meant solely for the selected recipient and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent. This report and information herein is solely for informational purpose and may 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. Nothing in this report constitutes investment, legal, accounting and tax advice or a representation that any investment or strategy is suitable or appropriate to your specific circumstances. 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. This may not be taken in substitution for the exercise of independent judgment by any recipient. 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. The investment discussed or views expressed may not be suitable for all investors. Certain transactions -including those involving futures, options, another derivative products as well as non-investment grade securities - involve substantial risk and are not suitable for all investors. No representation or warranty, express or implied, is made as to the accuracy, completeness or fairness of the information and opinions contained in this document. The Disclosures of Interest Statement incorporated in this document is provided solely to enhance the transparency and should not be treated as endorsement of the views expressed in the report. This information is subject to change without any prior notice. The Company reserves the right to make modifications and alternations to this statement as may be required from time to time without any prior approval. MOFSL, its associates, 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 report. Each of these entities functions as a separate, distinct and independent of each other. The recipient should take this into account before interpreting the document. This report has been prepared on the basis of information that is already available in publicly accessible media or developed through analysis of MOFSL. The views expressed are those of the analyst, and the Company may or may not subscribe to all the views expressed therein. This document is being supplied to you solely for your information and may not be reproduced, redistributed or passed on, directly or indirectly, to any other person or published, copied, in whole or in part, for any purpose. This report 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 MOFSL to any registration or licensing requirement within such jurisdiction. The securities described herein may or may not be eligible for sale in all jurisdictions or to certain category of investors. Persons in whose possession this document may come are required to inform themselves of and to observe such restriction. Neither the Firm, not its directors, employees, agents or representatives shall be liable for any damages whether direct or indirect, incidental, special or consequential including lost revenue or lost profits that may arise from or in connection with the use of the information. The person accessing this information specifically agrees to exempt MOFSL or any of its affiliates or employees from, any and all responsibility/liability arising from such misuse and agrees not to hold MOFSL or any of its affiliates or employees responsible for any such misuse and further agrees to hold MOFSL or any of its affiliates or employees free and harmless from all losses, costs, damages, expenses that may be suffered by the person accessing this information due to any errors and delays.

This report is meant for the clients of Motilal Oswal only.

Investment 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.

Registered Office Address: Motilal Oswal Tower, Rahimtullah Sayani Road, Opposite Parel ST Depot, Prabhadevi, Mumbai-400025; Tel No.: 022 - 71934200 / 71934263; www.motilaloswal.com.

Correspondence Address: Palm Spring Centre, 2nd Floor, Palm Court Complex, New Link Road, Malad (West), Mumbai- 400 064. Tel No: 022 71881000. Details of Compliance Officer: Neeraj Agarwal, Email Id: na@motilaloswal.com, Contact No.:022-40548085.

Grievance Redressal Cell:

Contact Person	Contact No.	Email ID
Ms. Hemangi Date	022 40548000 / 022 67490600	query@motilaloswal.com
Ms. Kumud Upadhyay	022 40548082	servicehead@motilaloswal.com
Mr. Ajay Menon	022 40548083	am@motilaloswal.com

Registration details of group entities.: Motilal Oswal Financial Services Ltd. (MOFSL): INZ000158836 (BSE/NSE/MCX/NCDEX); CDSL and NSDL: IN-DP-16-2015; Research Analyst: INH000000412 . AMFI: ARN : 146822. IRDA Corporate Agent – CA0579. Motilal Oswal Financial Services Ltd. is a distributor of Mutual Funds, PMS, Fixed Deposit, Insurance, Bond, NCDs and IPO products.

Customer having any query/feedback/ clarification may write to query@motilaloswal.com. In case of grievances for any of the services rendered by Motilal Oswal Financial Services Limited (MOFSL) write to grievances@motilaloswal.com, for DP to dp@grievances@motilaloswal.com.