

**BUY**TP: Rs 365 | ▲ 27%

# TRANSPORT CORP OF INDIA

Logistics

06 November 2019

#### Growth subdued across segments

Transport Corp (TRPC) saw muted consolidated revenue/EBITDA growth of 1%/2% YoY in Q2FY20 as the weak demand climate weighed on segmental performance. Higher contribution from the Transystem JV (+50% YoY) and restatement of deferred tax boosted adj. PAT (48% YoY). Though near-term headwinds persist, client addition in the SCS segment, growing LTL share, and steady growth in seaways are key positives. We trim FY20-FY22 EBITDA by 2-4%; on rolling valuations over to Mar'22, we retain our TP of Rs 365.

Sayan Das Sharma +91 22 6138 9381 sayan.sharma@bobcaps.in

**Sedate growth across segments:** TRPC's freight division grew at a modest 3% YoY due to subdued demand and a high base of Q2FY19. In seaways, increased competitive pressure dented volumes and realisations on the west coast, capping growth at 8% YoY. SCS revenue declined 3% YoY but was resilient compared to the plummeting volumes of key auto clients, with non-auto verticals lending support (+15-20% YoY). Considering the challenges, management lowered FY20 topline growth guidance to 8-10% from 11-12%.

Margins buoyant: Despite a muted topline, EBITDA margin was steady at 8.6% (+7bps YoY). EBIT margins in seaways/freight expanded 230bps/17bps YoY, while that of SCS fell 80bps YoY due to lower revenue.

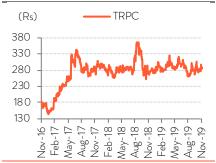
**Key developments:** TRPC has added several new clients in the SCS segment across FMCG, e-commerce and auto verticals. Warehousing revenue is also growing steadily. A new ~28,400dwt ship will bolster its presence in the southwest coast, which is expected to contribute revenues from Q4.

**Maintain TP:** We trim FY20-FY22 revenue and EBITDA estimates by 2-4%. On rollover, our SOTP-based Mar'21 TP remains at Rs 365. Retain BUY.

# Ticker/Price TRPC IN/Rs 288 Market cap US\$ 310.8mn Shares o/s 77mn 3M ADV US\$ 0.1mn 52wk high/low Rs 330/Rs 250 Promoter/FPI/DII 67%/2%/10%

Source: NSE

#### STOCK PERFORMANCE



Source: NSE

#### **KEY FINANCIALS**

Y/E 31 Mar	FY18A	FY19A	FY20E	FY21E	FY22E
Total revenue (Rs mn)	23,499	27,536	29,433	34,312	40,109
EBITDA (Rs mn)	2,165	2,495	2,741	3,305	3,935
Adj. net profit (Rs mn)	1,238	1,460	1,647	1,902	2,322
Adj. EPS (Rs)	16.2	19.0	21.5	24.8	30.3
Adj. EPS growth (%)	52.4	17.7	12.8	15.5	22.0
Adj. ROAE (%)	17.6	17.7	17.1	17.0	17.9
Adj. P/E (x)	17.8	15.1	13.4	11.6	9.5
EV/EBITDA (x)	11.9	10.6	9.7	7.9	6.6





FIG 1 - QUARTERLY PERFORMANCE - CONSOLIDATED

Y/E Mar (Rs mn)	Q2FY20	Q2FY19	Y <sub>0</sub> Y (%)	Q1FY20	Q <sub>0</sub> Q (%)	H1FY20	H1FY19	Y <sub>0</sub> Y (%)
Total revenues	6,846	6,752	1.4	6,592	3.8	13,438	13,002	3.4
Operating expenses	5,576	5,555	0.4	5,369	3.8	10,945	10,677	2.5
% of sales	81.5	82.3	(81bps)	81.5	Obps	81.5	82.1	(67bps)
Employee expenses	386	357	8.1	384	0.6	770	702	9.7
% of sales	5.6	5.3	35bps	5.8	(18bps)	5.7	5.4	33bps
Other expenses	297	266	11.5	255	16.3	552	525	5.0
% of sales	4.3	3.9	39bps	3.9	46bps	4.1	4.0	6bps
Total expenditure	6,258	6,178	1.3	6,008	4.2	12,266	11,903	3.0
EBITDA	587	575	2.2	584	0.5	1,171	1,098	6.7
EBITDA margin (%)	8.6	8.5	7bps	8.9	(28bps)	8.7	8.4	27bps
Depreciation	203	194	5.0	199	2.0	403	365	10.4
EBIT	384	381	0.8	385	(0.2)	769	734	4.8
Interest expenses	82	97	(15.2)	87	(5.2)	169	171	(1.1)
Other income	41	53	(22.2)	35	16.5	76	96	(20.5)
РВТ	343	336	1.9	333	2.9	676	658	2.7
PBT margin (%)	5.0	5.0	2bps	5.1	(5bps)	5.0	5.1	(3bps)
Share of profit/(loss) from JV	92	61	49.5	84	9.8	175	114	54.0
PBT - after share of profit/(loss) from JV	435	398	9.2	417	4.3	851	772	10.2
Extraordinary income/(expense)	(99)	-	NM	-	NM	(99)	-	NM
Tax rate	(47)	72	NM	72	NM	26	149	(82.9)
Tax rate (%) – total	(10.7)	18.2	NM	17.3	NM	3.8	22.7	(1,891bps)
Reported PAT	382	326	17.5	344	11.0	727	623	16.7
Adjustment	99	-	NM	-	NM	99	-	NM
Adjusted PAT	481	326	47.8	344	39.7	826	623	32.6
Adjusted PAT margin (%)	7.0	4.8	221bps	5.2	180bps	6.1	4.8	135bps
Adjusted EPS	6.3	4.2	47.7	4.5	39.7	10.8	8.1	32.6

Source: Company, BOBCAPS Research

#### FIG 2 - SEGMENTAL PERFORMANCE - CONSOLIDATED

Y/E Mar (Rs mn)	Q2FY20	Q2FY19	Y <sub>0</sub> Y (%)	Q1FY20	Q <sub>0</sub> Q (%)	H1FY20	H1FY19	Y <sub>0</sub> Y (%)
Freight segment								
Revenue	3,548	3,450	2.8	3,386	4.8	6,934	6,666	4.0
EBIT	101	93	9.3	90	12.3	192	171	12.3
EBIT margin	2.9	2.7	17bps	2.7	19bps	2.8	2.6	20bps
Supply chain management segment								
Revenue	2,478	2,552	(2.9)	2,439	1.6	4,918	4,927	(0.2)
EBIT	158	184	(14.0)	168	(5.4)	326	347	(6.1)
EBIT margin	6.4	7.2	(83bps)	6.9	(47bps)	6.6	7.0	(41bps)
Seaways segment								
Revenue	854	788	8.3	789	8.3	1,643	1,503	9.3
EBIT	145	116	25.1	157	(7.1)	302	253	19.5
EBIT margin	17.0	14.7	229bps	19.8	(282bps)	18.4	16.8	158bps

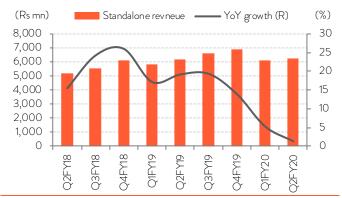


FIG 3 - QUARTERLY PERFORMANCE - STANDALONE

Y/E Mar (Rs mn)	Q2FY20	Q2FY19	Y <sub>0</sub> Y (%)	Q1FY20	Q <sub>0</sub> Q (%)	H1FY20	H1FY19	Y <sub>0</sub> Y (%)
Total revenues	6,282	6,203	1.3	6,121	2.6	12,403	12,018	3.2
Operating expenses	5,062	5,066	(0.1)	4,942	2.4	10,004	9,781	2.3
% of sales	80.6	81.7	(111bps)	80.7	(16bps)	80.7	81.4	(73bps)
Employee expenses	374	347	7.8	372	0.3	746	680	9.7
% of sales	5.9	5.6	36bps	6.1	(14bps)	6.0	5.7	36bps
Other expenses	281	259	8.7	245	15.0	526	513	2.5
% of sales	4.5	4.2	31bps	4.0	48bps	4.2	4.3	(3bps)
Total expenditure	5,717	5,672	0.8	5,559	2.8	11,276	10,974	2.8
EBITDA	566	531	6.5	562	0.6	1,128	1,044	8.0
EBITDA margin (%)	9.0	8.6	44bps	9.2	(18bps)	9.1	8.7	40bps
Depreciation	190	191	(0.3)	186	2.1	376	359	4.9
EBIT	376	341	10.3	376	(0.1)	752	686	9.6
Interest expenses	77	93	(17.2)	82	(6.6)	159	163	(2.4)
Other income	84	81	2.8	75	10.9	159	164	(2.9)
PBT	382	329	16.3	369	3.6	751	646	16.3
PBT margin (%)	6.1	5.3	78bps	6.0	6bps	6.1	5.4	68bps
Extraordinary income/(expense)	(99)	-	NM	-	NM	(99)	-	NM
Tax rate	(49)	70	NM	72	NM	22	145	(84.6)
Tax rate (%) – total	(12.8)	21.3	NM	19.4	NM	3.0	22.5	(1,951bps)
Reported PAT	333	259	28.5	297	11.8	630	501	25.8
Adjustment	99	-	NM	-	NM	99	-	NM
Adjusted PAT	431	259	66.7	297	45.0	729	501	45.5
Adjusted PAT margin (%)	6.9	4.2	269bps	4.9	201bps	5.9	4.2	171bps
Adjusted EPS	5.6	3.4	66.7	3.9	45.0	9.5	6.5	45.5

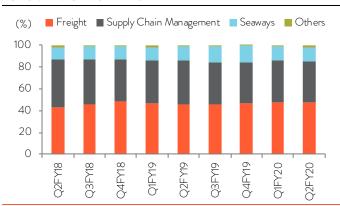
Source: Company, BOBCAPS Research

FIG 4 – STANDALONE REVENUE GROWTH DECELERATED TO 1.3% YOY IN Q2



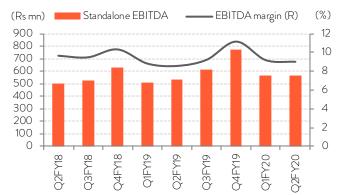
Source: Company, BOBCAPS Research

FIG 5 – SHARE OF FREIGHT AND SEAWAYS SEGMENTS INCHED UP



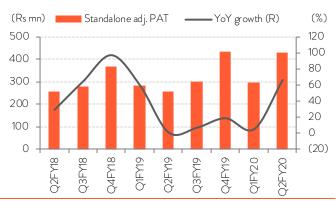


# FIG 6 – STANDALONE EBITDA MARGIN EXPANDED 44BPS YOY TO 9%



Source: Company, BOBCAPS Research

# FIG 7 – DEFFERED TAX ADJUSTMENT BOOSTED ADJ. PAT BY 67% YOY



Source: Company, BOBCAPS Research

## Earnings call highlights

- Subdued economic conditions continued to weigh on TRPC's performance across business segments.
- Management has lowered FY20 topline growth guidance to 8-10% from 11-12% earlier.

#### Freight segment

- The industrial slowdown affected tonnage growth in Q2FY20. However, benign diesel prices, higher contribution from LTL (less-than-truckload) business, and cost reduction initiatives aided margin expansion.
- LTL share currently stands at ~33% of total freight revenue and is increasing steadily.
- Management expects freight revenue growth to improve in H2FY20.

#### Supply chain solutions (SCS) segment

- Plummeting sale volumes and a consequent reduction in production days by auto OEMs has translated into lower growth in the SCS segment – auto accounts for ~80% of segmental revenue.
- Auto weakness (revenue from auto vertical down 4-5% YoY) has been partially offset by (1) growth in other industry verticals (mainly e-commerce, up 15-20%); (2) a diversified presence within auto two-wheelers, passenger and commercial vehicles, tractors and earth-moving equipment; and (3) the addition of new clients in both auto and non-auto verticals.



- TRPC has won transportation contracts from an auto OEM that is a recent entrant in India, and added FMCG brands and e-commerce companies in its clientele.
- The company expects some uptick in SCS revenue in H2 (0-5% growth in FY20), triggered by pre-BS-IV auto sales.

#### Seaways segment

- Revenue and margins in seaways have been affected by lower realisations on the west coast owing to higher competition, dry docking and the sluggish demand climate.
- TRPC added one 28,400dwt ship in Oct'19, which was purchased at a lower cost than anticipated. Material revenue contribution should begin from Q4 after the initial stabilisation period.
- IMO 2020 regulations are expected to have minimal impact.
- The company has transitioned to the new corporate tax regime. Q2 profits had a one-off positive impact from restatement of deferred tax liabilities.
- The FY20 capex target has been cut to Rs 1.3bn-1.4bn vs. Rs 2.8bn earlier due to the lower ship acquisition cost and a reduction in truck and container addition plans amidst the economic slowdown. The annual capex run rate would be ~Rs 1.5bn going ahead.
- Receivable days have improved to ~60 days in H1FY20 from 68 in FY19 owing to tighter control and recovery of pending dues.



## Valuation methodology

We pare our FY20-FY22 revenue and EBITDA estimates by 2-4% considering the difficult external environment. The impact on earnings is lower due to a downward revision in capex estimates. We value TRPC using the SOTP method, ascribing an EV/EBITDA multiple for the core businesses and P/E multiple for the Transystem JV. Post estimate revision, rollover to Mar'22 valuations, and a reduction in target multiples for the freight/SCS segments (to 6x/8x vs. 7x/10x earlier), our Mar'21 target price remains unchanged at Rs 365. Maintain BUY.

FIG 8 - REVISED ESTIMATES - CONSOLIDATED

(P)		FY20E			FY21E			FY22E	
(Rs mn)	Old	New	Change (%)	Old	New	Change (%)	Old	New	Change (%)
Revenues	30,790	29,433	(4.4)	35,576	34,312	(3.6)	41,106	40,109	(2.4)
EBITDA	2,857	2,741	(4.1)	3,429	3,305	(3.6)	4,035	3,935	(2.5)
EBITDA margin (%)	9.3	9.3	3bps	9.6	9.6	Obps	9.8	9.8	Obps
PAT	1,692	1,647	(2.7)	1,960	1,902	(2.9)	2,324	2,322	(0.1)
PAT margin (%)	5.5	5.6	10bps	5.5	5.5	4bps	5.7	5.8	14bps

Source: Company, BOBCAPS Research

FIG 9 - VALUATION ASSUMPTIONS

Segment-wise valuation	(Rs mn)
Freight segment	
FY22E EBITDA	832
EV/EBITDA multiple applied (x)	6.0
Total EV for the segment	4,991
Supply chain segment	
FY22E EBITDA	1,513
EV/EBITDA multiple applied (x)	8.0
Total EV for the segment	12,104
Seaways segment	
FY22E EBITDA	1,605
EV/EBITDA multiple applied (x)	7.0
Total EV for the segment	11,235
Total EV of the consolidated business (ex. JV)	28,329
Net debt	3,819
Equity value of the consolidated business (ex. JV)	24,510
FY22E EPS of Transystem Logistics	784
P/E multiple applied (x)	9.0
Fair value of Transystem Logistics	7,060
Share of TRPC (%)	49
Valuation attributed to TRPC	3,459
Total equity value including JV	27,969
No. of shares	76.7
Target price	365
Source: Company, BOBCAPS Research	



#### FIG 10 - RELATIVE STOCK PERFORMANCE



Source: NSE

# Key risks

The main downside risks to our estimates are:

- a sharp increase in diesel prices,
- delay in demand recovery in the key auto sector,
- high client attrition in the SCS business, and
- lower-than-expected utilisation in the seaways segment.



#### **FINANCIALS**

#### Income Statement

Y/E 31 Mar (Rs mn)	FY18A	FY19A	FY20E	FY21E	FY22E
Total revenue	23,499	27,536	29,433	34,312	40,109
EBITDA	2,165	2,495	2,741	3,305	3,935
Depreciation	687	774	919	1,057	1,194
EBIT	1,478	1,721	1,822	2,248	2,742
Net interest income/(expenses)	(322)	(374)	(341)	(341)	(328)
Other income/(expenses)	144	195	178	181	190
Exceptional items	0	0	0	0	0
EBT	1,301	1,542	1,659	2,087	2,604
Income taxes	(287)	(333)	(348)	(534)	(667)
Extraordinary items	0	(7)	0	0	0
Min. int./Inc. from associates	224	251	336	349	384
Reported net profit	1,238	1,453	1,647	1,902	2,322
Adjustments	0	7	0	0	0
Adjusted net profit	1,238	1,460	1,647	1,902	2,322

#### **Balance Sheet**

Y/E 31 Mar (Rs mn)	FY18A	FY19A	FY20E	FY21E	FY22E
Accounts payables	597	674	631	736	862
Other current liabilities	805	1,336	1,613	1,880	2,198
Provisions	55	65	70	81	95
Debt funds	4,411	4,722	4,362	4,162	3,562
Other liabilities	0	0	0	0	0
Equity capital	153	153	153	153	153
Reserves & surplus	7,511	8,819	10,267	11,940	13,842
Shareholders' fund	7,664	8,972	10,420	12,093	13,995
Total liabilities and equities	13,533	15,770	17,095	18,952	20,711
Cash and cash eq.	142	155	279	342	190
Accounts receivables	4,249	5,151	5,645	6,580	7,692
Inventories	33	53	57	66	77
Other current assets	1,198	1,583	1,683	1,962	2,293
Investments	1,044	1,168	1,168	1,168	1,168
Net fixed assets	6,252	7,263	7,884	8,327	8,634
CWIP	563	40	0	0	0
Intangible assets	6	5	5	5	5
Deferred tax assets, net	(445)	(390)	(390)	(390)	(390)
Other assets	491	741	764	891	1,041
Total assets	13,533	15,770	17,095	18,952	20,711



#### Cash Flows

Y/E 31 Mar (Rs mn)	FY18A	FY19A	FY20E	FY21E	FY22E
Net income + Depreciation	1,925	2,234	2,566	2,959	3,515
Interest expenses	322	374	341	341	328
Non-cash adjustments	50	(55)	0	0	0
Changes in working capital	(832)	(940)	(383)	(966)	(1,148)
Other operating cash flows	0	0	0	0	0
Cash flow from operations	1,465	1,613	2,523	2,334	2,695
Capital expenditures	(1,523)	(1,261)	(1,500)	(1,500)	(1,500)
Change in investments	(177)	(124)	0	0	0
Other investing cash flows	0	0	0	0	0
Cash flow from investing	(1,700)	(1,386)	(1,500)	(1,500)	(1,500)
Equities issued/Others	0	0	0	0	0
Debt raised/repaid	595	312	(361)	(200)	(600)
Interest expenses	(322)	(374)	(341)	(341)	(328)
Dividends paid	(123)	(138)	(199)	(229)	(420)
Other financing cash flows	40	(14)	0	0	0
Cash flow from financing	191	(214)	(900)	(770)	(1,348)
Changes in cash and cash eq.	(44)	13	123	64	(153)
Closing cash and cash eq.	142	155	279	342	190

#### Per Share

Y/E 31 Mar (Rs)	FY18A	FY19A	FY20E	FY21E	FY22E
Reported EPS	16.2	19.0	21.5	24.8	30.3
Adjusted EPS	16.2	19.0	21.5	24.8	30.3
Dividend per share	1.6	1.8	2.6	3.0	5.5
Book value per share	99.5	116.4	135.2	157.1	181.9

#### Valuations Ratios

Y/E 31 Mar (x)	FY18A	FY19A	FY20E	FY21E	FY22E
EV/Sales	1.1	1.0	0.9	0.8	0.6
EV/EBITDA	11.9	10.6	9.7	7.9	6.6
Adjusted P/E	17.8	15.1	13.4	11.6	9.5
P/BV	2.9	2.5	2.1	1.8	1.6

#### **DuPont Analysis**

Y/E 31 Mar (%)	FY18A	FY19A	FY20E	FY21E	FY22E
Tax burden (Net profit/PBT)	95.2	94.7	99.3	91.1	89.2
Interest burden (PBT/EBIT)	88.0	89.6	91.1	92.9	95.0
EBIT margin (EBIT/Revenue)	6.3	6.2	6.2	6.6	6.8
Asset turnover (Revenue/Avg TA)	2.0	2.1	2.0	2.2	2.3
Leverage (Avg TA/Avg Equity)	1.7	1.6	1.5	1.4	1.3
Adjusted ROAE	17.6	17.7	17.1	17.0	17.9
6 6 80804868	I INI TA	T 1 A			

Source: Company, BOBCAPS Research | Note: TA = Total Assets



### Ratio Analysis

Y/E 31 Mar	FY18A	FY19A	FY20E	FY21E	FY22E
YoY growth (%)					
Revenue	21.0	17.2	6.9	16.6	16.9
EBITDA	33.6	15.3	9.8	20.6	19.1
Adjusted EPS	52.4	17.7	12.8	15.5	22.0
Profitability & Return ratios (%)					
EBITDA margin	9.2	9.1	9.3	9.6	9.8
EBIT margin	6.3	6.2	6.2	6.6	6.8
Adjusted profit margin	5.3	5.3	5.6	5.5	5.8
Adjusted ROAE	17.6	17.7	17.1	17.0	17.9
ROCE	12.7	12.9	12.5	14.1	15.9
Working capital days (days)					
Receivables	67	66	68	70	70
Inventory	1	1	1	1	1
Payables	10	10	9	9	9
Ratios (x)					
Gross asset turnover	3.4	3.2	2.9	3.0	3.1
Current ratio	3.9	3.3	3.3	3.3	3.3
Net interest coverage ratio	4.6	4.6	5.3	6.6	8.4
Adjusted debt/equity	0.6	0.5	0.4	0.3	0.2



#### Disclaimer

#### Recommendations and Absolute returns (%) over 12 months

BUY - Expected return >+15%

ADD - Expected return from >+5% to +15%

REDUCE - Expected return from -5% to +5%

SELL - Expected return <-5%

Note: Recommendation structure changed with effect from 1 January 2018 (Hold rating discontinued and replaced by Add / Reduce)

#### HISTORICAL RATINGS AND TARGET PRICE: TRANSPORT CORP OF INDIA (TRPC IN)



B - Buy, A - Add, R - Reduce, S - Sel

#### Rating distribution

As of 31 October 2019, out of 79 rated stocks in the BOB Capital Markets Limited (BOBCAPS) coverage universe, 48 have BUY ratings, 18 are rated ADD, 7 are rated REDUCE and 6 are rated SELL. None of these companies have been investment banking clients in the last 12 months.

#### Analyst certification

The research analyst(s) authoring this report hereby certifies that (1) all of the views expressed in this research report accurately reflect his/her personal views about the subject company or companies and its or their securities, and (2) no part of his/her compensation was, is, or will be, directly or indirectly, related to the specific recommendation(s) or view(s) in this report. Analysts are not registered as research analysts by FINRA and are not associated persons of BOBCAPS.

#### General disclaimers

BOBCAPS is engaged in the business of Institutional Stock Broking and Investment Banking. BOBCAPS is a member of the National Stock Exchange of India Limited and BSE Limited and is also a SEBI-registered Category I Merchant Banker. BOBCAPS is a wholly owned subsidiary of Bank of Baroda which has its various subsidiaries engaged in the businesses of stock broking, lending, asset management, life insurance, health insurance and wealth management, among others.

BOBCAPS's activities have neither been suspended nor has it defaulted with any stock exchange authority with whom it has been registered in the last five years. BOBCAPS has not been debarred from doing business by any stock exchange or SEBI or any other authority. No disciplinary action has been taken by any regulatory authority against BOBCAPS affecting its equity research analysis activities.

BOBCAPS has obtained registration as a Research Entity under SEBI (Research Analysts) Regulations, 2014, having registration No.: INH000000040 valid till 03 February 2020. BOBCAPS is also a SEBI-registered intermediary for the broking business having SEBI Single Registration Certificate No.: INZ000159332 dated 20 November 2017.

BOBCAPS 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, BOBCAPS 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, traders, and other professionals may provide oral or written market commentary or trading strategies to our clients that reflect opinions contrary to the opinions 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.

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 BOBCAPS's clients. 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. BOBCAPS does not provide tax advice to its clients, and all investors are strongly advised to consult with their tax advisers regarding any potential investment in certain transactions — including those involving futures, options, and other derivatives as well as non-investment-grade securities —that 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 endeavour 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 material, may from time to time have "long" or "short" positions in, act as principal in, and buy or sell the securities or derivatives thereof of companies mentioned herein and may from time to time add to or dispose of any such securities (or investment). We and our affiliates may act as market makers or assume an underwriting commitment in the securities of companies discussed in this document (or in related investments), may sell them to or buy them from customers on a principal basis, and may also perform or seek to perform investment banking or advisory services for or relating to these companies and may also be represented in the supervisory board or any other committee of these companies.

For the purpose of calculating whether BOBCAPS and its affiliates hold, beneficially own, or control, including the right to vote for directors, one per cent or more of the equity shares of the subject company, the holdings of the issuer of the research report is also included.

BOBCAPS and its non-US affiliates may, to the extent permissible under applicable laws, have acted on or used this research to 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 currencies, effectively assume currency risk. In addition, options involve risks and are not suitable for all investors. Please ensure that you have read and understood the Risk disclosure document before entering into any derivative transactions.

In the US, this material is only for Qualified Institutional Buyers as defined under rule 144(a) of the Securities Act, 1933. No part of this document may be distributed in Canada or used by private customers in the United Kingdom.

No part of this material may be (1) copied, photocopied, or duplicated in any form by any means or (2) redistributed without BOBCAPS's prior written consent.

#### Company-specific disclosures under SEBI (Research Analysts) Regulations, 2014

The research analyst(s) or his/her relatives do not have any material conflict of interest at the time of publication of this research report.

BOBCAPS or its research analyst(s) or his/her relatives do not have any financial interest in the subject company. BOBCAPS or its research analyst(s) or his/her relatives do not have actual/beneficial ownership of one per cent or more securities in the subject company at the end of the month immediately preceding the date of publication of this report.

The research analyst(s) has not received any compensation from the subject company in the past 12 months. Compensation of the research analyst(s) is not based on any specific merchant banking, investment banking or brokerage service transactions.

BOBCAPS or its research analyst(s) is not engaged in any market making activities for the subject company.

The research analyst(s) has not served as an officer, director or employee of the subject company.

BOBCAPS or its associates may have material conflict of interest at the time of publication of this research report.

BOBCAPS's associates may have financial interest in the subject company. BOBCAPS's associates may hold actual / beneficial ownership of one per cent or more securities in the subject company at the end of the month immediately preceding the date of publication of this report.

BOBCAPS or its associates may have managed or co-managed a public offering of securities for the subject company or may have been mandated by the subject company for any other assignment in the past 12 months.

BOBCAPS may have received compensation from the subject company in the past 12 months. BOBCAPS may from time to time solicit or perform investment banking services for the subject company. BOBCAPS or its associates may have received compensation from the subject company in the past 12 months for services in respect of managing or co-managing public offerings, corporate finance, investment banking or merchant banking, brokerage services or other advisory services in a merger or specific transaction. BOBCAPS 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.