

HOLD TP: Rs 340 | ▲ 10%

**JSW INFRA** 

Logistics

17 October 2025

# Muted port volumes, eyes on stronger 2H pickup

- Q2 revenue up 26% YoY, ports revenue grew 10% YoY, led by volume/ realisation growth of 3%/7% YoY
- Higher cargo volume at Jaigarh, Dharamtar and South-West Goa was offset by iron-ore decline; ex-interim ops volume declined 3% YoY
- Guides 8-10% volume growth; we tweak FY26–28E by 1–2%, roll forward to Sept-27EPS to arrive at TP of Rs 340

Vineet Shanker Research Analyst Amey Tupe Research Associate research@bobcaps.in

Weak volume growth at ports (+3% YoY): JSWINFRA reported marginally better-than-expected performance in Q2FY26, with revenue and EBITDA 3% above expectation. Consolidated revenue rose 26% YoY to Rs 12.7bn, driven by the Navkar acquisition. Ex-Navkar, revenue grew 10% YoY (+2% QoQ), supported by 3% YoY volume growth (-2% QoQ) and 7% YoY improvement in realisations (3% QoQ). EBITDA grew 17% YoY to Rs 6.1bn, though margins contracted 380bps YoY to 48%, given the inclusion of the lower-margin Navkar business. Reported PAT stood at Rs 3.7bn (-1% YoY).

**Ex-interim operations at Tuticorin & JNPT liquid volume declined 3% YoY (-2% QoQ):** Q2FY26 volumes grew 3% YoY to 28.9mnt, driven by higher cargo handling at Jaigarh, Dharamtar and SWPL along with incremental contribution from Tuticorin and JNPA liquid terminals (~1.4mn tons). Excluding interim operation, volume declined 3% YoY, largely on account of lower offtake at Paradip Iron ore terminal. Third-party cargo volumes declined by 2% YoY to 12.5mn tons, whereas group cargo volume grew 6% YoY. Group cargo share remained elevated at 57% (vs 55% in Q2FY25).

Guidance intact despite tepid volume growth, capacity expansion target (~400mnt by FY30) on track: Management has guided for ~8-10% volume growth in FY26 (vs ~10% earlier), driven by the ramp-up at Paradip, capacity expansion at Southwest Port, Goa (from 8.5mnt to 11mnt in Q4), and interim operations at Tuticorin and JNPA liquid terminals. The plan to scale capacity from 177mnt (FY25) to 400mnt by FY30E remains on track, with key projects including Tuticorin (Q4FY26), JNPA liquid (Q2FY26), Jaigarh LPG (Q1FY27), and Dharamtar/Jaigarh expansions (Q4FY27).

**Maintain HOLD:** We tweak FY26–28E estimates by 1–2% on sustained weakness in iron ore volumes, we factor in slightly lower volume growth (7%) vs guidance (8-10%). Rolling forward to Sept-27 EBITDA and valuing at 25x to arrive at a TP of Rs 340. Maintain HOLD.

# Key changes

Target	Rating	
<b>∢</b> ▶	< ▶	

Ticker/Price	JSWINFRA IN/Rs 309
Market cap	US\$ 7.2bn
Free float	13%
3M ADV	US\$ 5.6mn
52wk high/low	Rs 349/Rs 218
Promoter/FPI/DII	86%/4%/3%
Source: NSE   Price as of 16 Oct 20	25

.....

# **Key financials**

Y/E 31 Mar	FY25A	FY26E	FY27E
Total revenue (Rs mn)	44,761	52,949	59,087
EBITDA (Rs mn)	22,622	25,528	28,613
Adj. net profit (Rs mn)	15,031	14,761	15,828
Adj. EPS (Rs)	7.3	7.1	7.6
Consensus EPS (Rs)	0.0	0.0	0.0
Adj. ROAE (%)	17.0	14.3	13.6
Adj. P/E (x)	42.5	43.6	40.6
EV/EBITDA (x)	26.3	22.9	19.4
Adj. EPS growth (%)	21.0	(2.5)	7.2

Source: Company, Bloomberg, BOBCAPS Research

# Stock performance



Source: NSE





Fig 1 - Q2FY26 and H1FY26 snapshot

Particulars (Rs mn)	Q2FY26	Q2FY25	YoY (%)	Q1FY26	QoQ (%)	H1FY26	H1FY25	YoY (%)	Q2FY26E	Var %
Revenue	12,656	10,014	26	12,239	3	24,894	20,111	24	12,296	3
Revenue (ex Navkar)	11,029	10,014	10	10,857	2	21,886	18,935	16	10,777	2
Volume (mnt)	28.9	28.2	3	29.4	(2)	58	56	4	29	
Realisation (Rs/t)	382	356	7	369	3	376	338	11	369	
EBITDA	6,097	5,205	17	5,812	5	11,908	10,352	15	5,927	3
EBITDA Margin (%)	48.2	52.0	(381bps)	47.5	70bps	48bps	51bps	(364bps)	48.2	0bps
Depreciation	1,485	1,339		1,435		2,920	2,684.4		1,340	
EBIT	4,612	3,867	19	4,377	5.4	8,989	7,667	17.2	4,587	1
Finance Costs	1,046	(804)		550		1,596	19		740	
PBT	3,566	4,671	(24)	3,827	(7)	7,393	7,648	(3)	3,847	(7)
Other Income	1,067	868		899		1,966	1,808		900	
PBT incl Other Income	4,633	5,539	(16)	4,726		9,359	9,456	(1.0)	4,747	(2)
Tax	945	1,802		830		1,775	2,753		1,187	
Adjusted PAT	3,688	3,715	(1)	3,847	(4)	7,535	6,640	13	3,501	5
Adj. PAT Margin (%)	29.1	37.1	(796bps)	31.4	(230bps)	30.3	33.0	(275bps)	28.5	70bps
EPS (Rs)	1.7	1.8	(3)	1.9	(6)	1.8	1.6	11	1.7	

Source: Company, BOBCAPS Research

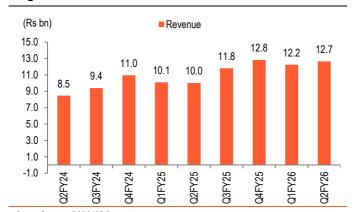
Fig 2 - Q2FY26 and H1FY26 segment performance

(mn tonnes)	Q2FY26	Q2FY25	YoY (%)	Q1FY26	QoQ (%)	H1FY26	H1FY25	YoY (%)	Q2FY26E	Var %
India Port Volume (mnt)	28.9	28.2	3	29.4	(2)	58	56	4	29.2	(1)
Jaigarh	5.5	5.2	5	4.3	27	10	10	0	4.5	21
Dharamtar	6.2	5.9	4	5.5	12	12	11	6	5.5	12
South West Goa	2.2	1.3	76	1.9	17	4	3	39	1.9	17
Paradip Coal Terminal	4.2	4.2	0	4.9	(14)	9	9	5	4.9	(14)
Paradip Iron Ore	1.0	3.1	(69)	2.1	(54)	3	6	(52)	2.1	(54)
Ennore coal	2.4	2.6	(7)	3.0	(19)	5	5	9	2.7	(10)
Ennore Bulk	0.3	0.3	7	0.4	(20)	1	1	3	0.5	(37)
Mangalore coal	1.2	1.2	6	1.6	(24)	3	3	(1)	1.5	(19)
JSW Mangalore container	0.6	0.6	0	0.7	(10)	1	1	8	0.6	5
Tuticorin (interim)	1.1	0.0	NA	1.1	NA	2	0	NA	0.9	NA
JNPA (interim)	0.4	0.0	NA	0.3	NA	1	0	NA	0.2	NA
Others	5.3	3.8	39	5.0	6	10	7	39	5.0	6
Port Volume Mix (%)										
Jaigarh	19	18	2	15	29	17	17	(4)	15	23bps
Dharamtar	21	21	1	19	14	20	20	2	19	13bps
South West Goa	8	4	72	6	19	7	5	34	7	18bps
Paradip Coal Terminal	15	15	(2)	17	(13)	16	15	1	17	(13bps)
Paradip Iron Ore	3	11	(70)	7	(53)	5	12	(54)	7	(54bps)
Ennore coal	8	9	(9)	10	(18)	9	9	4	9	(9bps)
Ennore Bulk	1	1	4	1	(19)	1	1	(1)	2	(36bps)
Mangalore coal	4	4	3	5	(22)	5	5	(5)	5	(18bps)
JSW Mangalore container	2	2	(2)	2	(8)	2	2	4	2	6bps
Others	18	13	36	17	8	18	13	34	17	7bps

Source: Company, BOBCAPS Research

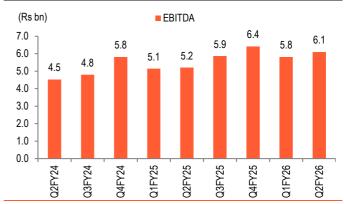


Fig 3 - Revenue trend



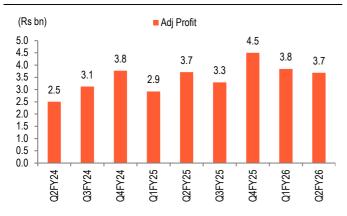
Source: Company, BOBCAPS Research

Fig 4 - EBITDA trend



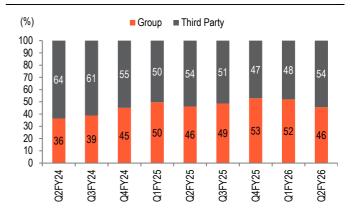
Source: Company, BOBCAPS Research

Fig 5 - Profit trend



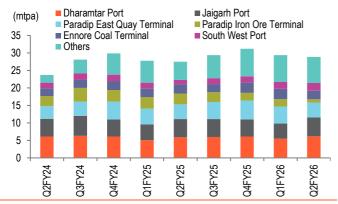
Source: Company, BOBCAPS Research

Fig 6 - Cargo mix



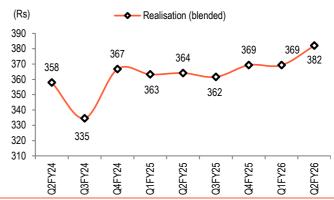
Source: Company, BOBCAPS Research

Fig 7 - Portwise volume breakup



Source: Company, BOBCAPS Research

Fig 8 - Realisation (blended)



Source: Company, BOBCAPS Research



# **Earnings Call Highlights**

**Tonnage tax benefit:** Management highlighted that the effective tax rate for Q2FY26 declined to ~20% (vs 33% YoY), driven by the adoption of tonnage tax regime for four mini bulk carriers operating out of Jaigarh Port. These vessels are expected to generate around Rs 500mn EBITDA in FY26, resulting in Rs 170mn in annual tax savings.

**Ballari (Kudathini) logistics park:** Management announced the development of a Multi-modal logistics park (MMLP) at Kudathini (Ballari, Karnataka), spread across ~86 acres. The project, acquired for Rs 0.57 bn, entails a total investment of Rs 3.8 bn, covering a rail-siding, ICD, and container-handling facilities. Logistics park is expected to commence operations within the next 2-3 months, followed by a phased capacity ramp-up.

Capital commitments and capex: Management indicated the total capital commitments of Rs 33bn across ongoing and upcoming projects. Capex spend during H1FY26 stood at Rs 9.0 bn, with the full-year guidance maintained at Rs 40 bn for ports and Rs 15 bn for logistics. As of September 2025, net debt stood at Rs 18.1 bn, with a net debt-to-EBITDA ratio of ~0.75x, broadly in line with the company's stated capital structure targets.

**Revenue uptick and source of growth:** Management explained that the Rs 2.65 bn YoY increase in consolidated revenue was primarily driven by Rs 1.62 bn from Navkar Corporation, Rs 0.27 bn from tariff hikes at SWPL and Ennore, and Rs 0.68 bn from higher volumes at SWPL, Jatadhar, and Dharamtar, aided by improved realisations and cargo mix optimization.

**Slurry pipeline progress**: Management stated that the 303 km iron-ore slurry pipeline is progressing as planned, with ~218 km welded and ~94 km lowered as of Q2FY26. While execution slowed during the monsoon due to waterlogging, activity is expected to accelerate from November onwards, and the project completion target remains March 2027.

**Logistics segment update:** Management reported that Navkar Corporation delivered strong performance with EXIM volumes of 79,000 TEUs (+20% YoY), domestic cargo of 0.39 mt (+46% YoY), revenue of Rs 1.63 bn (+20% YoY), and EBITDA of Rs 0.25 bn, compared to a loss in the prior year. For FY26, management guided logistics revenue of Rs 7-8 bn and EBITDA of ~Rs 1 bn.

Looking ahead, the company reiterated its FY30 logistics roadmap, targeting Rs 80 bn revenue and 25% EBITDA margin, supported by total investments of Rs 90 bn, including Rs 10 bn already deployed at Navkar and ~Rs 3.5 bn allocated for Kudathini.

Management reiterated its plan to scale the logistics platform through both organic capacity additions and selective acquisitions to deepen multimodal capabilities across rail and port-linked assets

International operations (Fujairah and Dibba performance): Management highlighted that the Fujairah and Dibba terminals (UAE) continued to perform well, with



Fujairah expected to exceed its minimum cargo commitment for the year and Dibba recording healthy throughput.

**Greenfield and brownfield project updates**: Management highlighted ongoing progress at new projects - Keni and Murbe (public hearings completed; EIA filed) and continued dredging work at Jatadhar, with completion expected by March 2027. Interim operations have commenced at Kolkata (NSD container terminal) and JNPA Liquid Terminal.

**Outlook:** Management reiterated confidence in sustained growth through FY27–28, underpinned by new port additions at Jatadhar, Keni, and Murbe, expansion across logistics assets, and continued financial discipline. Incremental EBITDA contribution from the new capacities is expected to begin reflecting from FY27 onward.



# **Valuation Methodology**

We cut our FY26–28E estimates by 1–2% to factor in lower volumes on account of weakness in iron ore volumes at Paradip. While management maintains a guidance of 10% volume growth in FY26—citing stronger 2H seasonality—we have moderated our volume assumptions for FY26–27 to reflect the 1H weakness. However, we factor in improved realisation (higher realisation at private ports).

Rolling forward to Sep-27 EBITDA and valuing at an unchanged 25x multiple, we revise TP to Rs 340. Given the limited upside, we maintain HOLD.

Fig 9 – JSW Infra 1FY EV/EBITDA band chart

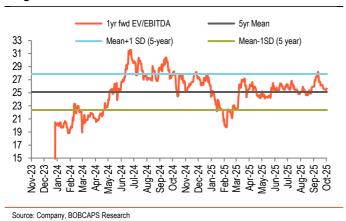
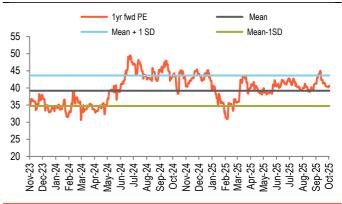


Fig 10 - JSW Infra 1FY PE band chart



Source: Company, BOBCAPS Research

Fig 11 - Revised estimates

9										
(Rs mn)		New			Old			Change (%)		
	FY26E	FY27E	FY28E	FY26E	FY27E	FY28E	FY26E	FY27E	FY28E	
Volume	125	135	162	127	139	166	(2.0)	(3.0)	(2.0)	
Revenue	52,949	59,087	73,352	52,919	59,251	73,117	0.0	0.0	0.0	
EBITDA	25,528	28,613	35,571	25,401	28,477	35,911	1.0	0.0	(1.0)	
PAT	14,761	15,828	20,444	14,449	15,410	20,351	2.0	3.0	0.0	

Source: BOBCAPS Research



# **Financials**

Income Statement					
Y/E 31 Mar (Rs mn)	FY24A	FY25A	FY26E	FY27E	FY28E
Total revenue	37,629	44,761	52,949	59,087	73,352
EBITDA	19,646	22,622	25,528	28,613	35,571
Depreciation	4,365	5,466	5,982	7,022	8,877
EBIT	15,281	17,156	19,546	21,591	26,694
Net interest inc./(exp.)	(3,325)	(2,657)	(4,200)	(5,500)	(5,430)
Other inc./(exp.)	2,694	3,530	4,630	5,130	5,899
Exceptional items	0	0	0	0	0
EBT	14,650	18,028	19,975	21,220	27,163
Income taxes	3,043	2,814	4,994	5,167	6,232
Extraordinary items	0	0	0	0	0
Min. int./Inc. from assoc.	48	184	221	226	487
Reported net profit	11,559	15,031	14,761	15,828	20,444
Adjustments	0	0	0	0	0
Adjusted net profit	11,559	15,031	14,761	15,828	20,444
Balance Sheet					
Y/E 31 Mar (Rs mn)	FY24A	FY25A	FY26E	FY27E	FY28E
Accounts payables	3,562	3,494	3,627	4,047	8,039
Other current liabilities	0	0	0	0	0,000
Provisions	1.739	1.745	2,611	2,914	6,029
Debt funds	43,807	46,588	61,390	99,390	96,390
Other liabilities	5,518	11,356	12,366	13,066	13,766
Equity capital	4,103	4,147	4,147	4,147	4,147
Reserves & surplus	78,207	1,00,741	1,13,641	1,27,613	1,44,834
Shareholders' fund	82,310	1,04,888	1,17,788	1,31,760	1,48,981
Total liab. and equities	1,36,936	1,68,071	1,97,782	2,51,177	2,73,204
Cash and cash eq.	40,902	24,821	2,701	1,347	2,249
Accounts receivables	6,768	8,090	10,590	8,904	9,043
Inventories	1,117	1,338	1,451	1,619	2,010
Other current assets	4,893	13,187	13,187	13,187	13,187
Investments	2,445	3,128	4,128	4,128	4,128
Net fixed assets	77,806	93,929	1,08,149	1,17,627	1,66,450
CWIP	1,089	20,202	55,000	1,02,500	74,800
Intangible assets	0	0	0	0	0 14,000
Deferred tax assets, net	1,916	3,375	2,576	1,866	1,338
Other assets	0	0,373	2,370	0	1,330
Total assets	1,36,936	1,68,071	1,97,782	2,51,177	2,73,204
Total accord	1,00,000	1,00,011	1,01,102	2,01,111	2,10,204
Cash Flows					
Y/E 31 Mar (Rs mn)	FY24A	FY25A	FY26E	FY27E	FY28E
Cash flow from operations	18,032	21,004	19,720	26,398	36,443
Capital expenditures	(20,712)	(20,756)	(55,000)	(64,000)	(30,000)
Change in investments	(14,741)	1,394	(1,000)	0	0
Other investing cash flows	0	0	0	0	0
Cash flow from investing	(42,047)	(16,969)	(51,370)	(58,870)	(24,101)
Equities issued/Others	28,000	0	0	0	0
Debt raised/repaid	1,126	(714)	14,802	38,000	(3,000)
Interest expenses	0	0	0	0	0
Dividends paid	0	(1,155)	(2,081)	(2,081)	(3,711)
Other financing cash flows	(4,088)	(3,344)	(4,200)	(5,500)	(5,430)
Cash flow from financing	25,039	(5,213)	8,520	30,419	(12,141)
Chg in cash & cash eq.	1,024	(1,178)	(23,130)	(2,054)	201
	7,211	6,113	1,691	647	1,549

Per Share					
Y/E 31 Mar (Rs)	FY24A	FY25A	FY26E	FY27E	FY28E
Reported EPS	6.0	7.3	7.1	7.6	9.8
Adjusted EPS	6.0	7.3	7.1	7.6	9.8
Dividend per share	0.0	0.8	1.0	1.0	1.8
Book value per share	39.1	46.8	52.9	59.5	67.6
Valuations Ratios					
Y/E 31 Mar (x)	FY24A	FY25A	FY26E	FY27E	FY28E
EV/Sales	15.9	13.3	11.0	9.4	7.3
EV/EBITDA	30.4	26.3	22.9	19.4	15.1
Adjusted P/E	51.4	42.5	43.6	40.6	31.5
P/BV	7.9	6.6	5.8	5.2	4.6
DuPont Analysis					
Y/E 31 Mar (%)	FY24A	FY25A	FY26E	FY27E	FY28E
Tax burden (Net profit/PBT)	78.9	83.4	73.9	74.6	75.3
Interest burden (PBT/EBIT)	95.9	105.1	102.2	98.3	101.8
EBIT margin (EBIT/Revenue)	40.6	38.3	36.9	36.5	36.4
Asset turnover (Rev./Avg TA)	34.2	30.4	29.9	27.1	29.1
Leverage (Avg TA/Avg Equity)	1.6	1.6	1.7	2.0	1.8
Adjusted ROAE	19.2	17.0	14.3	13.6	15.5
Ratio Analysis					
Y/E 31 Mar	FY24A	FY25A	FY26E	FY27E	FY28E
YoY growth (%)		-			
Revenue	17.8	19.0	18.3	11.6	24.1
EBITDA	21.3	15.1	12.8	12.1	24.3
Adjusted EPS	45.9	21.0	(2.5)	7.2	29.2
Profitability & Return ratios (%)			( - /		
EBITDA margin	52.2	50.5	48.2	48.4	48.5
EBIT margin	40.6	38.3	36.9	36.5	36.4
Adjusted profit margin	30.7	33.6	27.9	26.8	27.9
Adjusted ROAE	19.2	17.0	14.3	13.6	15.5
·	13.3	12.7	11.2	10.0	10.7
ROCE	13.3				
	13.3				
	66	66	73	55	45
Working capital days (days)			73 10	55 10	
Working capital days (days) Receivables	66	66			45 10 40
Working capital days (days) Receivables Inventory	66 11	66 11	10	10	10
Working capital days (days) Receivables Inventory Payables	66 11	66 11	10	10	10

9.1

8.5

0.3

4.5

6.1

0.6

3.6

5.2

0.8

1.9

6.6

0.7

10.1

5.9

0.1

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

Current ratio

Net interest coverage ratio

Adjusted debt/equity



NOT FOR DISTRIBUTION, DIRECTLY OR INDIRECTLY, IN OR INTO THE UNITED STATES OF AMERICA ("US") OR IN OR INTO ANY OTHER JURISDICTION IF SUCH AN ACTION IS PROHIBITED BY APPLICABLE LAW.

## **Disclaimer**

Name of the Research Entity: BOB Capital Markets Limited

Registered office Address: 1704, B Wing, Parinee Crescenzo, G Block, BKC, Bandra East, Mumbai 400051

SEBI Research Analyst Registration No: INH000000040 valid till 03 February 2025

Brand Name: BOBCAPS

Trade Name: www.barodaetrade.com CIN: U65999MH1996GOI098009





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.

#### Recommendation scale: Recommendations and Absolute returns (%) over 12 months

BUY - Expected return >+15%

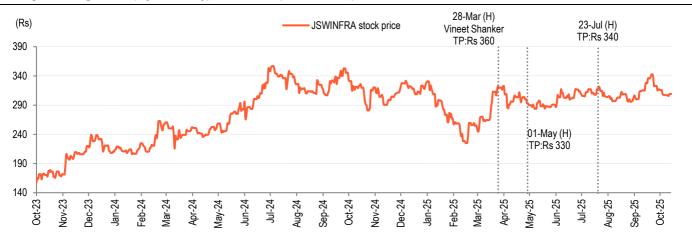
HOLD - Expected return from -6% to +15%

SELL - Expected return <-6%

Note: Recommendation structure changed with effect from 21 June 2021

Our recommendation scale does not factor in short-term stock price volatility related to market fluctuations. Thus, our recommendations may not always be strictly in line with the recommendation scale as shown above.

### Ratings and Target Price (3-year history): JSW INFRA (JSWINFRA IN)



 $B-Buy,\,H-Hold,\,S-Sell,\,A-Add,\,R-Reduce$ 

# **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 BOB Capital Markets Limited (BOBCAPS).

## General disclaimers

BOBCAPS is engaged in the business of 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 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. 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. BOBCAPS research reports follow rules laid down by Securities and Exchange Board of India and Individuals employed as research analysts are separate from other employees who are performing sales trading, dealing, corporate finance advisory or any other activity that may affect the independence of its research reports.

### **JSW INFRA**



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 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.

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 or third party in the past 12 months in connection with research report/activities. 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 merchant transaction. Bobcaps or the subject company in the past 12 months. banking or brokerage services from the subject company in the past 12 months.

Other disclaimers

BOBCAPS and MAYBANK (as defined below) make no representation or warranty, express or implied, as to the accuracy or completeness of any information obtained from third parties and expressly disclaim the merchantability, suitability, quality and fitness of this report. The information in this report has not been independently verified, is provided on an "as is" basis, should not be relied on by you in connection with any contract or commitment, and should not be used as a substitute for enquiries, procedures and advice which ought to be undertaken by you. This report also does not constitute an offer or solicitation to buy or sell any securities referred to herein and you should not construe this report as investment advice. All opinions and estimates contained in this report constitute BOBCAPS's judgment as of the date of this report and are subject to change without notice, and there is no obligation on BOBCAPS or MAYBANK to update this report upon issuance. This report and date of this report and are subject to change without notice, and there is no obligation on BOBCAPS or MAYBANK to update this report upon issuance. This report an the information contained herein may not be reproduced, redistributed, disseminated or copied by any means without the prior consent of BOBCAPS and MAYBANK.

To the full extent permitted by law neither BOBCAPS, MAYBANK nor any of their respective affiliates, nor any other person, accepts any liability howsoever arising, whether in contract, tort, negligence, strict liability or any other basis, including without limitation, direct or indirect, special, incidental, consequential or punitive damages arising from any use of this report or the information contained herein. By accepting this report, you agree and undertake to fully indemnify and hold harmless BOBCAPS and MAYBANK from and against claims, charges, actions, proceedings, losses, liabilities, damages, expenses and demands (collectively, the "Losses") which BOBCAPS and/or MAYBANK may incur or suffer in any jurisdiction including but not limited to those Losses incurred by BOBCAPS and/or MAYBANK as a result of any proceedings or actions brought against them by any regulators and/or authorities, and which in any case are directly or indirectly occasioned by or result from or are attributable to anything done or omitted in relation to or arising from or in connection with this report.

### Distribution into the United Kingdom ("UK"):

This research report will only be distributed in the United Kingdom, in accordance with the applicable laws and regulations of the UK, by Maybank Securities (London) Ltd) ("MSL") who is authorised and regulated by the Financial Conduct Authority ("FCA") in the United Kingdom (MSL and its affiliates are collectively referred to as "MAYBANK"). BOBCAPS is not authorized to directly distribute this research report in the UK.

This report has not been prepared by BOBCAPS in accordance with the UK's legal and regulatory requirements.

This research report is for distribution only to, and is solely directed at, selected persons on the basis that those persons: (a) are eligible counterparties and professional clients of MAYBANK as selected by MAYBANK solely at its discretion; (b) have professional experience in matters relating to investments falling within Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005, as amended from time to time (the "Order"), or (c) fall within Article 49(2)(a) to (d) (high net worth companies, unincorporated associations, etc. as mentioned in the stated Article) of the Order; (all such persons together being referred to as "relevant persons").

This research report is directed only at relevant persons and must not be acted on or relied on by any persons who are not relevant persons. Any investment or investment activity to which this material relates is available only to relevant persons and will be engaged in only with relevant persons.

The relevant person as recipient of this research report is not permitted to reproduce, change, remove, pass on, distribute or disseminate the data or make it available to third parties without the written permission of BOBCAPS or MAYBANK. Any decision taken by the relevant person(s) pursuant to the research report shall be solely at their costs and consequences and BOBCAPS and MAYBANK shall not have any liability of whatsoever nature in this regard.

### No distribution into the US:

This report will not be distributed in the US and no US person may rely on this communication.

This report has been prepared in accordance with SEBI (Research Analysts) Regulations and not in accordance with local regulatory requirements of any other jurisdiction. In any other jurisdictions, this report is only for distribution (subject to applicable legal or regulatory restrictions) to professional, institutional or sophisticated investors as defined in the laws and regulations of such jurisdictions by Maybank Securities Pte Ltd. (Singapore) and / or by any broker-dealer affiliate or such other affiliate as determined by Malayan Banking Berhad.

If the recipient of this report is not as specified above, then it should not act upon this report and return the same to the sender.

By accepting this report, you agree to be bound by the foregoing limitations.