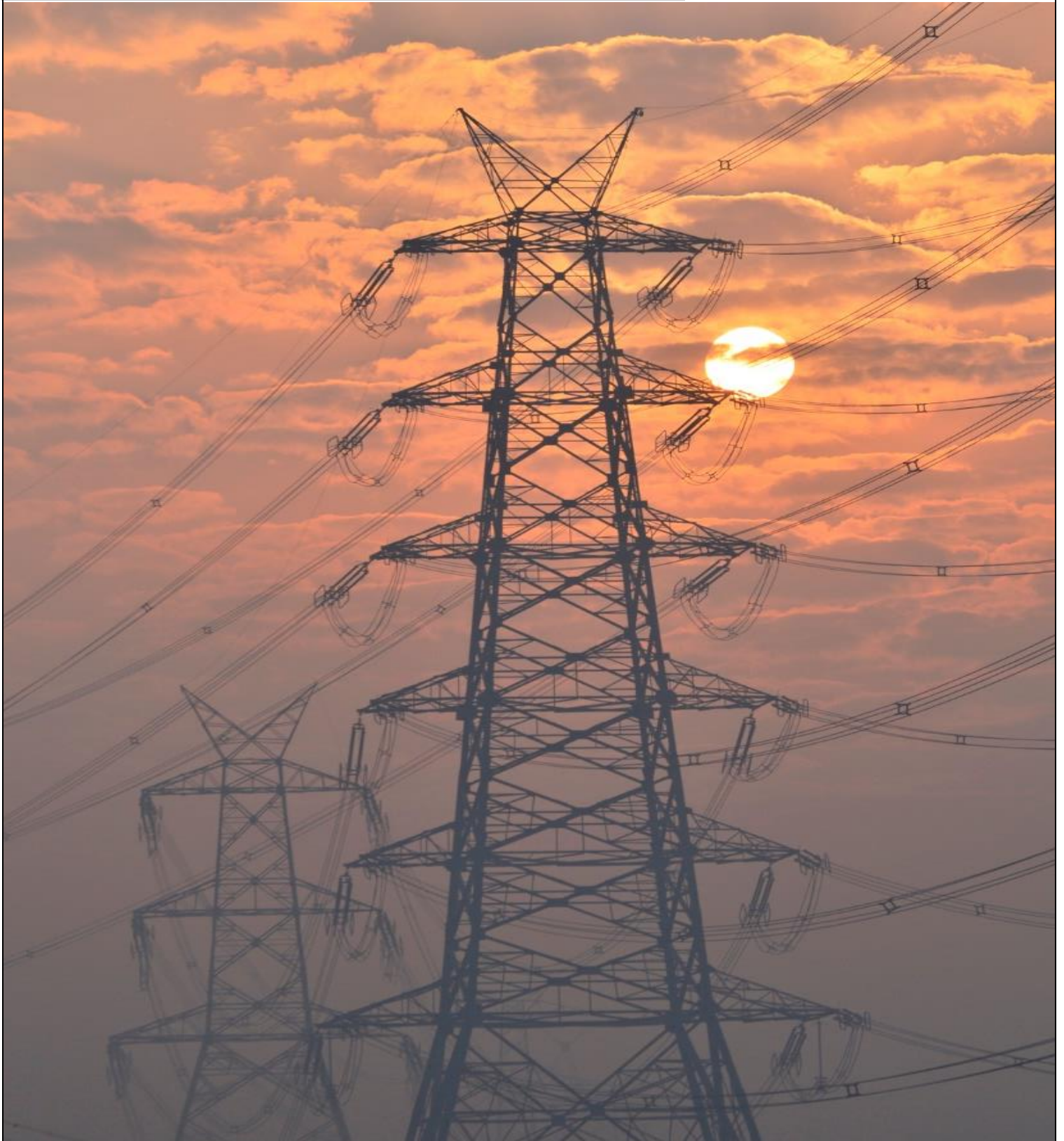


Edelweiss Professional Investor Research  
Insightful. Independent. Decisive.

**Kalpataru Power Transmission Ltd.**

Edelweiss  
**PROFESSIONAL INVESTOR  
RESEARCH**

PMS • AIF • Prop Funds • Family offices



**Debashish Mazumdar**  
Research Analyst

debashish.mazumdar@edelweissfin.com

Date: 24th November 2020

This page is intentionally left blank

## Kalpataru Power Transmission Ltd.

### Five factors that make it a compelling Tactical BUY

Kalpataru Power Transmission (KPTL), the global leader offering integrated solutions in T & D space, has over the years diversified into segments like Railways and Oil & Gas pipeline to capture bigger opportunity and grow faster. It has an exposure to the construction space with a 67% stake in JMC Projects, which reported strong order inflow in H1FY21, leading the management to revise upwards its FY21E guidance. On the standalone side, KPTL's strong order book and healthy bid pipeline offers high revenue visibility with higher profitability potential. We believe, Transmission Asset sales, deleveraging, merger of KPTL & JMC, and strategic stake divestment in Logistic business will result in a significant re-rating for KPTL over the medium term. Most importantly, management has guided for 40% pledge reduction over next one year which was a major hangover on the stock price over the recent past. We recommend 'Tactical Buy' with a target price of INR 500.

#### Healthy revenue visibility, deleveraging a key trigger

KPTL has an order book of INR 12,292 crore and is L1 in tenders worth INR 2,400 crore which offers healthy revenue visibility of ~1.7 years. The management indicated a healthy bid pipeline across businesses and guided for 5% Revenue growth in FY21E. KPTL has decided to shift from the asset ownership model and started selling its T&D assets. It expects to close divestiture of all 4 T&D assets in FY21E and post that, the standalone operation is expected to be debt free. KPTL is expected to maintain ROCE in the healthy 18-19% range over FY20-23E.

#### JMC sitting on a record high order book

In H1FY21, JMC's order inflow crossed INR 6,000 crore and the management revised its FY21 order inflow guidance to INR 7,000 crore. It is confident of achieving 0-5% revenue growth and 11% EBITDA margin in FY21E. Disciplined approach in managing the EPC business is visible in the way leverage remained under check even after significant growth over the last 5 years and continuous investment in BOT road assets. Standalone ROCE increased to 17% from 8% over FY15-20. After a flat FY21E, we see 23% revenue growth to INR 4,580 crore in FY22E followed by 14% revenue growth in FY23E. EBITDA margin is expected to reach to 11.3% in FY23E as compared 11.1% Reported in FY20.

#### Expect deleveraging, Asset sale & Pledge reduction to drive re-rating

At CMP of INR 295, KPTL's standalone operation is trading at 8x/7x FY22/23E EPS of INR 38/44, a huge discount to its peers, providing a margin of safety. *We believe, multiple triggers like T&D asset sales, deleveraging, merger of JMC & KPTL, strategic stake sale in logistic business and promoter pledge reduction will result in a significant re-rating in stock price over the medium term. We recommend 'Tactical Buy' with a target price of INR 500.*

Debashish Mazumdar  
Research Analyst  
debashish.mazumdar@edelweissfin.com

CMP INR: 295

Rating: Tactical BUY

Target Price INR: 500

Upside: 70%

Bloomberg:	KPP:IN
52-week range (INR):	170 / 477
Share in issue (cr):	15
M cap (INR cr):	4,760
Promoter Holding (%)	55.29

Year to March	FY20	FY21E	FY22E	FY23E
Revenue (INR cr)	7,904	8,422	9,572	10,691
Revenue growth (%)	11.1	6.6	13.7	11.7
EBITDA (INR cr)	860	908	1035	1160
Adjusted PAT (INR cr)	439	503	585	667
P/E (x)	10.3	9.0	7.7	6.7
Price-to-book value (x)	1.2	1.1	1.0	0.8
EV-to-EBITDA (x)	6.2	5.8	5.0	4.3
RoACE (%)	19.0	17.7	18.8	19.1
RoAE (%)	13.8	13.4	13.7	13.7

Date: November 24, 2020

This page is intentionally left blank

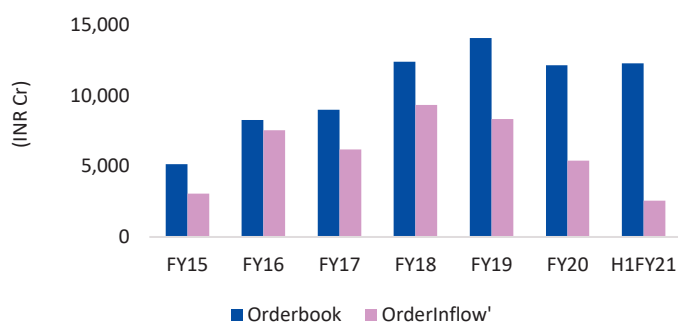
**I. KPTL Standalone operation: Healthy revenue visibility, deleveraging a key trigger**

**Healthy bid pipeline gives us confidence**

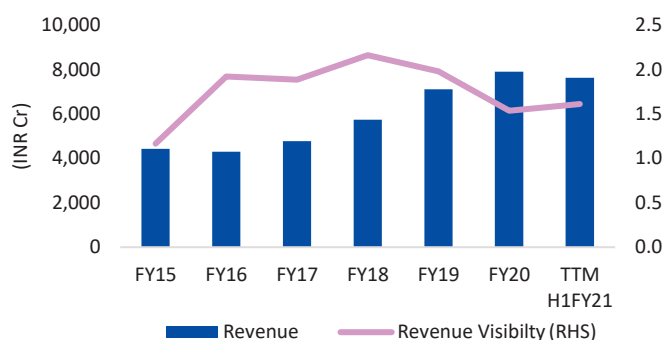
KPTL, under its standalone umbrella, has 3 business divisions: transmission line, railways and O&G EPC. It has an order book of INR 12,292 crore and is L1 in tenders worth INR 2,400 crore, which offers healthy revenue visibility for ~1.7 years. After a muted FY20, order inflow started picking up and stood at INR 2,557 crore in H1FY21 as against INR 1,750 crore YOY.

The management indicated healthy bid pipeline across businesses. Domestic transmission orders earlier got deferred, but have started to return in August. Domestic T&D segments bid for INR 10,000-15,000 crore of orders and Railways segment bid for INR 1,500-2,000 crore worth of orders recently. Railway electrification orders worth INR 3,000-5,000 crore may accrue to the company over the next 3-5 months. O&G division is expected to win INR 8,000-10,000 crore worth of orders in the next 6-8 months.

**Exhibit 1: Order book at INR 12,292 crore, strong additions even in H1FY21**



**Exhibit 2: KPTL has a revenue visibility of ~1.7 years**

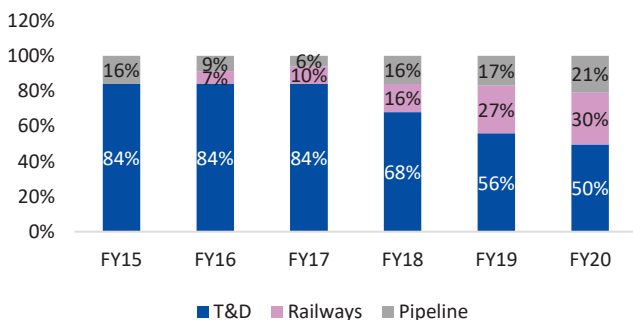


Source: Company, Edelweiss Professional Investor Research

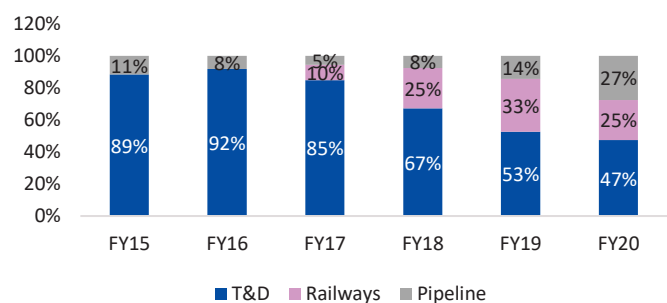
**Diversification will help KPTL garner higher market share in the non-T&D space**

Over the last few years, KPTL has diversified its presence by venturing into newer segments. For long, the company has been seen as a proxy play on Power Grid Corporation of India's (PGCIL) capex, which is now slowing down, leading to concerns around its growth outlook. However, the management has been able to successfully reduce dependency on its traditional single-largest client. Non-T&D business share has increased to 40% of order book in H1FY21 from 16% in FY15.

**Exhibit 3: 50% of order book is from railways and O&G**



**Exhibit 4: Order inflow has significantly diversified over the last 2 years**

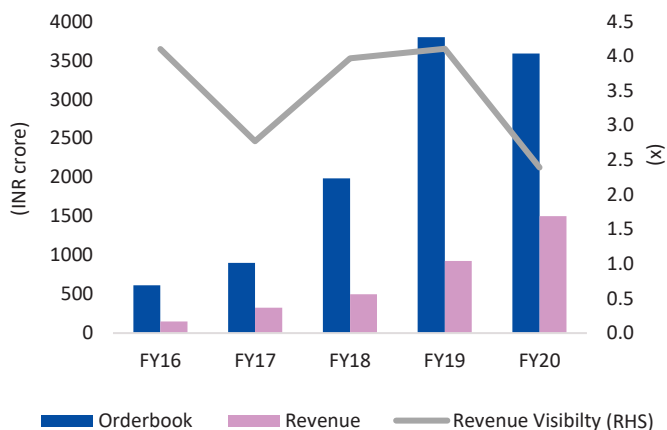


Source: Company, Edelweiss Professional Investor Research

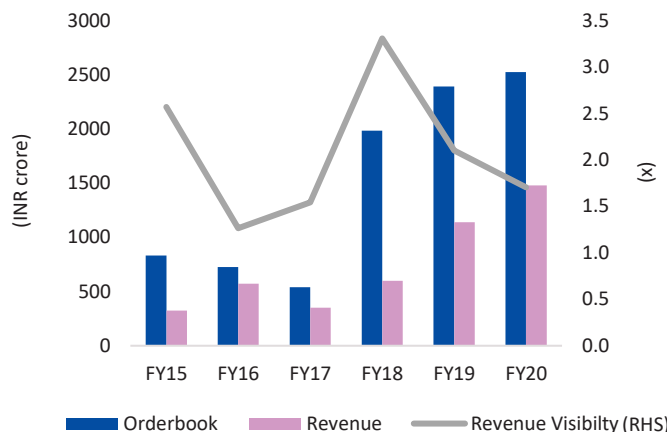
**Railways and O&G verticals reported exponential growth over the last few years**

The railways and O&G verticals have seen exponential growth over last few years. Railway's order book and revenue grew 6x and 10x, respectively, between FY16 and FY20. The same for O&G grew 3x and 5x, respectively. With a strong order book and healthy bid pipeline, these 2 businesses will be the key growth drivers for the company going forward.

**Exhibit 5: Order book from railways grew 6x over FY16-20**



**Exhibit 6: O&G order book grew 5x over FY15-20**

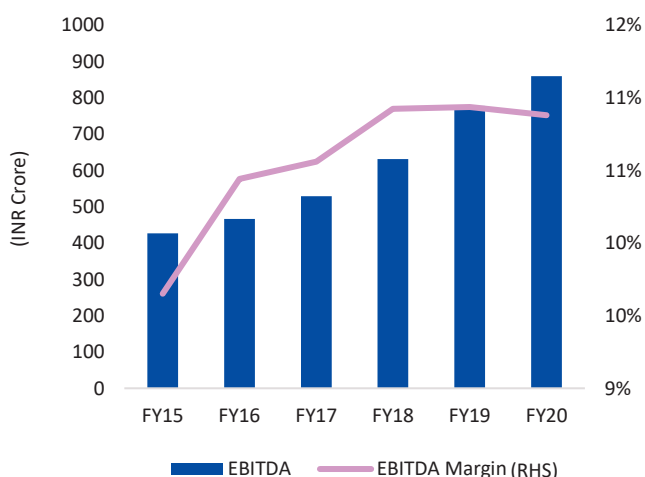


Source: Company, Edelweiss Professional Investor Research

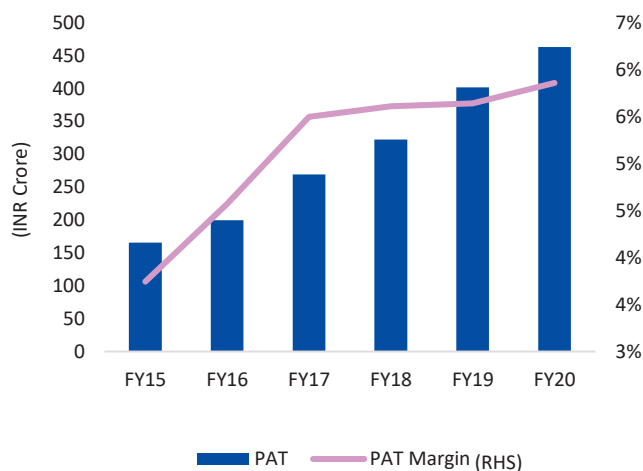
**Operating efficiencies, cost control measures boosted margin performance**

Operating profit margin has consistently improved to 11% in FY20 from a low of 10% in FY15. Despite flattish revenue growth over FY19 and FY20, this surge was led by operating efficiencies and cost control measures. Due to financial leverage, net profit over the last 5 years received a significant fillip and net profit margin improved to 6% from 4% between FY15 and FY20.

**Exhibit 7: EBITDA improved from 10% to 11% over FY15-20**



**Exhibit 8: Net Profit Margin improved from 4% to 6% over FY15-20**



Source: Company, Edelweiss Professional Investor Research

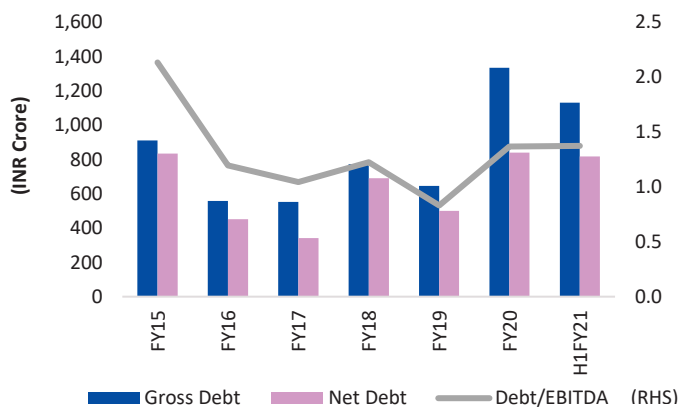


**Leverage remains under control, return ratios improve despite macro uncertainties**

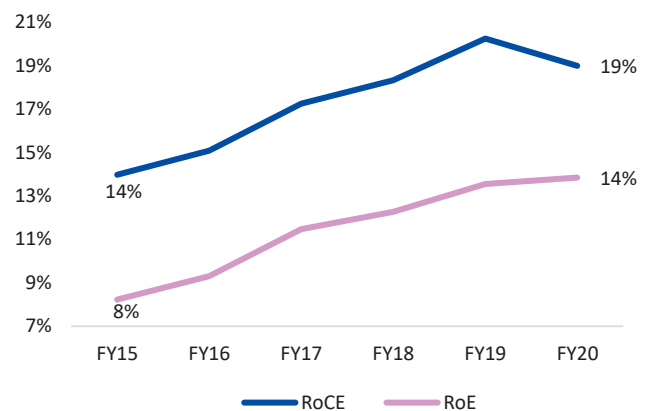
KPTL will face some working capital challenges due to the current economic situation. However, the management’s focus continues to remain on reducing its leverage and on better allocation of capital, which gives us confidence that it will continue with its low leverage over FY20-23E.

Higher profitability, better capital allocation and lowering of debt have aided improvement in ROCE by 500bps over the last 5 years. Return ratios have remained healthy despite high macro uncertainties.

**Exhibit 9: Leverage remains under control**



**Exhibit 10: ROCE improved by 500bps over the last 5 years**



Source: Company, Edelweiss Professional Investor Research

**Higher order book to drive revenue growth; margin to remain healthy**

With an order book of INR 12,292 crore, L1 position of INR 2,400 crore, and incremental order inflows especially in the railways and O&G space, we expect 10% revenue CAGR over FY20-23E and EBITDA margin of 10.8-11%. With conscious steps to reduce leverage, KPTL is expected to maintain ROCE in the 18-19% range over FY20-23E.

(INR cr)	FY18	FY19	FY20	FY21E	FY22E	FY23E	CAGR FY20-23E
Revenue	5,741	7,115	7,904	8,422	9,572	10,691	10%
- YOY growth		24%	11%	7%	14%	12%	
EBITDA	631	778	860	907	1,035	1,160	10%
- EBITDA margin	11%	10.9%	10.9%	10.8%	10.8%	10.9%	
PAT	322	401	463	502	585	667	12%
- PAT margin	5.6%	5.6%	5.9%	6.0%	6.1%	6.2%	
ROCE	18%	20%	19%	18%	19%	19%	

Source: Company, Edelweiss Professional Investor Research

**Sale of T&D BOOT assets is expected to make standalone Balance Sheet debt free by FY21E**

The management has decided to shift from the asset ownership model and started selling its T&D BOOT assets over the last 1 year. It expects to close sale of all 4 assets in FY21E, subject to approval.

- Kalpataru Satpura Transco already transferred to CLP India. Cash proceeds received in FY20.
- Alipurduar Transmission: A definitive agreement has been signed with Adani Transmission for a total enterprise value (EV) of INR 1,130 crore. All approvals for sale received and management expects to receive cash proceeds in November, 2020.
- Jhajjar KT Transco: Completed sale of Jhajjar KT Transco (JKTPL) for enterprise value of INR 310 crore and entire proceeds already received.
- Kohima Mariani Transmission: Deal inked with CLP. It has already commissioned element 1 and 3; element 2 construction work completed and commissioning is expected in Q3FY21. Post which, the deal is expected to be finalised.

After all 4 T&D assets are sold, the ~INR 1,600 crore of SPV debt will go away. Equity inflow of ~INR 1,100 crore will be used to repay standalone debt, making it debt free by FY21-end. Group level debt is expected to fall by ~INR 2,000 crore over the next 1 – 1.5 years. However, to remain conservative, we did not consider complete benefit of deleveraging in our assumptions.

**Exhibit 11: KPTL's T&D BOOT assets, going asset light in the next 6-8 months**

Projects (INR cr)	Total project cost	KPTL's share	Invested equity	Debt	Sold at EV	Net inflow	P/B	Buyer
Satpura Transco	280	100%	60	110	200	90	1.5	CLP India
Jhajjar KT Transco	350	51%	42	0	118	60	1.43	IndiGrid
Alipurduar Transmission	1,080	100%	250	630	1,130	520	2.08	Adani
Kohima Mariani Transmission	1,283	74%	220	900	1,120	440	2	CLP India
<b>Total</b>	<b>2,993</b>		<b>572</b>	<b>1,640</b>	<b>2,568</b>	<b>1,110</b>	<b>1.9</b>	

Source: Company, Edelweiss Professional Investor Research

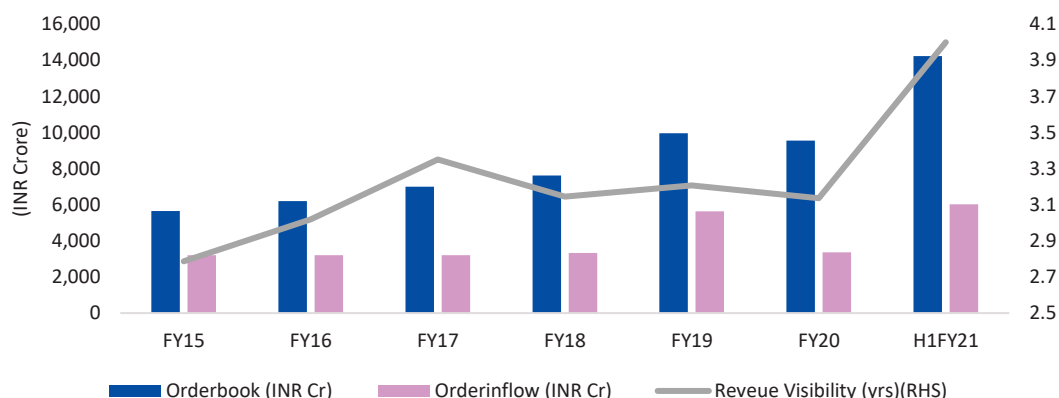


## II. JMC Projects sitting on a record high order book

### Reports healthy order addition in H1FY21, revenue visibility at fresh high

JMC continued to report strong order inflow even during the lockdown period. In H1FY21, order inflow crossed INR 6,000 crore and the management revised its FY21 order inflow guidance to INR 7,000 crore. At INR 14,227 crore at the end of H1FY21, the company has the highest order book and record revenue visibility. After the lockdown, manpower availability and site execution has improved and the revenue de growth in H1FY21 is only 10% compared to that of H1FY20. The management is confident of achieving 0-5% revenue growth and 11% EBITDA margin in FY21E.

Exhibit 12: JMC's order book and revenue visibility is at record highs



Source: Company, Edelweiss Professional Investor Research

### Internal efficiency and cost savings resulted in higher profitability

Besides reporting industry leading revenue growth over the last 5 years, JMC's EBITDA margin improved to 11% from 7% over FY15-20. Due to higher operating profit and financial leverage, PAT jumped 5x over the same period.

Exhibit 13: EBITDA improved from 7% to 11% over FY15-FY20

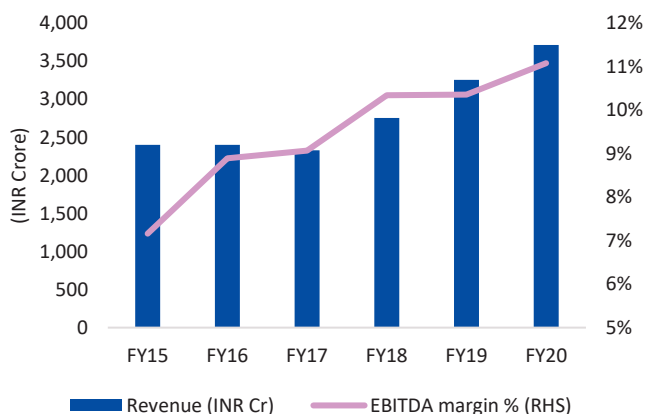
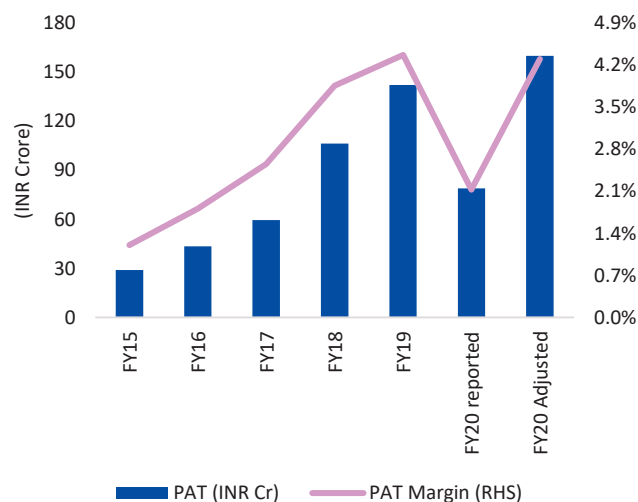


Exhibit 14: PAT margin increased to 4.5% from 1% over FY15-20



Source: Company, Edelweiss Professional Investor Research

\*FY20 PAT is adjusted for write-off of INR 79 crore taken for investment in a BOT asset

# Kalpataru Power Transmission Ltd.

## Investment hypothesis

### BOT road assets: Debt restructuring will temporarily offer some breathing space

Although JMC's standalone EPC operation is doing significantly well, BOT road assets remained a point of concern. Investments in BOT assets increased o touch INR 821 crore in September, 2020. The company has also made a provision of INR 79 crore due to impairment of loans and advances provided to road assets, which impacted profitability of the EPC business in FY20.

Exhibit 15: BOT road assets are a significant drag on JMC's operations

(INR Cr)	Total Project Cost	JMC's share	Total Equity	Total Investment	Debt
Rohtak Bawal (Kurukshetra Expressway)	1,100	51%	200	275	400
Rewa MP/UP Border (Vindhyachal Expressway)	685	100%	150	300	335
Nagpur Wainganga (Wainganga Expressway)	440	100%	100	145	340
Agra Aligarh (Brij Bhumi Expressway)	250	100%	40	100	160
<b>Total</b>				<b>820</b>	<b>1,235</b>

Source: Company, Edelweiss Professional Investor Research

The management has initiated the restructuring process for Kurukshetra Expressway and Wainganga Expressway Pvt (WEPL), which is expected to get completed in the next 3-6 months. With this restructuring, JMC's yearly investment commitment on all 4 assets will reduce significantly in the medium term and cash generation in standalone operations will improve. It has also appointed advisors/consultant to look for strategic investors/buyers for its road assets. However, considering the current market condition, especially for toll roads, we see a rare possibility of road asset sales happening in the medium term.

### Leverage under check despite constant outlays on road assets; return ratios significantly improve

JMC's disciplined approach in managing its EPC business is clearly visible in the way leverage remained under check even after significant growth over the last 5 five years and continuous investments in BOT road asset. Standalone ROCE also increased to 17% from 8% over FY15-20.

Exhibit 16: Debt-to-EBITDA ratio improved to 1.7x from 4.4x over FY15-20

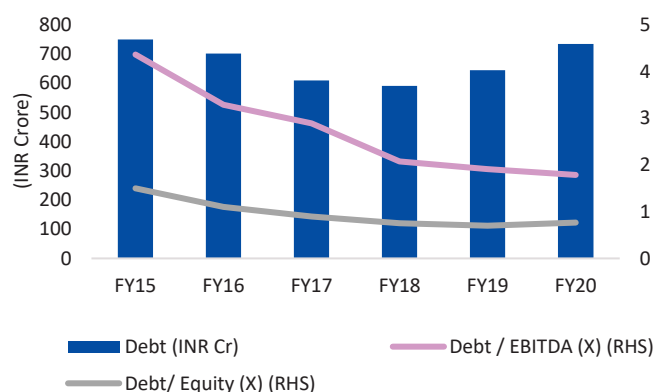
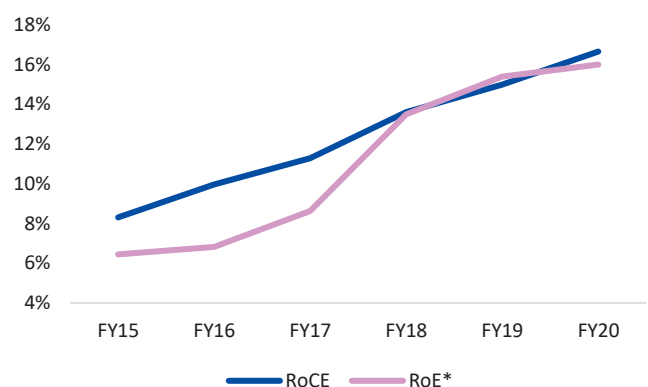


Exhibit 17: ROCE improved to 17% from 8% over FY15-20



Source: Company, Edelweiss Professional Investor Research  
\*FY20 RoE is adjusted for impairment in road assets

**Strong order book to bolster revenue growth in FY21E; EBITDA margin to remain above 11%**

JMC's order book currently stands at INR 14,227 crore, with more than 3 years of revenue visibility. Despite overall slowdown in ordering activity, it managed order inflows of INR 6,000 crore in H1 and revised upward its guidance to INR 7,000 crore in FY21.

After a flat FY21E, we see 23% revenue growth to INR 4,580 crore in FY22E followed by 14% Revenue growth in FY23E. EBITDA margin is expected to reach to 11.3% in FY23E as compared 11.1% Reported in FY20.

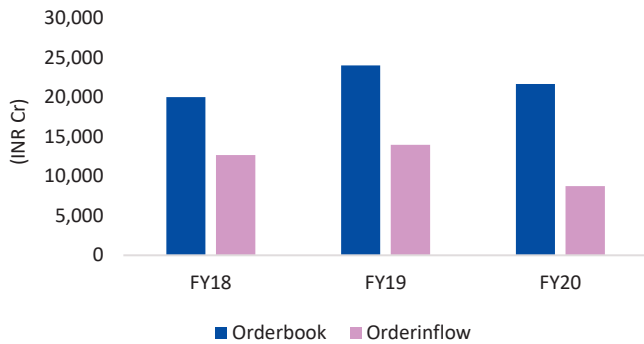
(INR cr)	FY18	FY19	FY20	FY21E	FY22E	FY23E	CAGR FY20-23E
Revenue	2,756	3,253	3,713	3,727	4,579	5,239	12%
- YoY growth		18%	14%	0%	23%	14%	
EBITDA	285	337	411	382	504	589	13%
- EBITDA margin	10.3%	10.4%	11.1%	10.3%	11.0%	11.3%	
PAT (adjusted for extraordinary items)	106	142	158	138	215	264	19%
- PAT margin	3.9%	4.4%	4.3%	4.2%	3.0%	4.1%	
RoCE	14%	15%	17%	13%	17%	17%	

Source: Company, Edelweiss Professional Investor Research

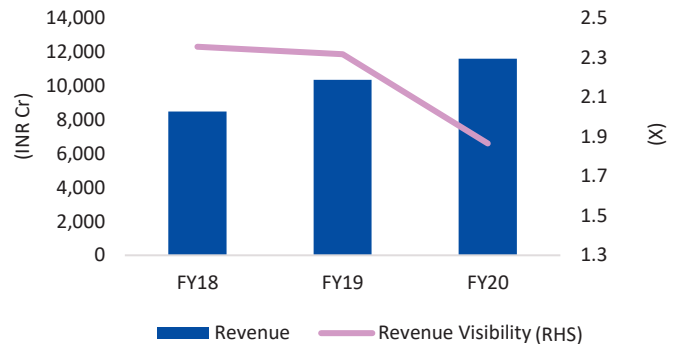
**III. KPTL-JMC merger will create a larger entity with additional growth avenues**

KPTL has initiated the process of merging JMC with itself and process is expected to complete over next one year. The merged entity will be much bigger, with INR 25,000 crore of order book and INR 13,000 crore of revenue (based on FY20 numbers). Moreover, the merged entity will have a bigger and stronger balance sheet, diversified order book, higher revenue visibility and better growth opportunities. Due to the large scale of its operations and diversified presence, the merged entity will be able to claim a higher valuation.

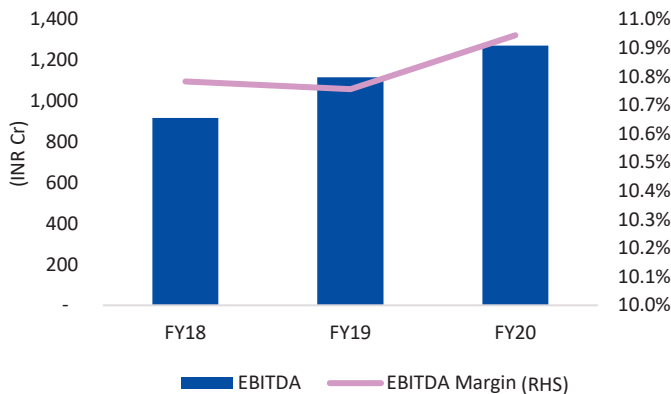
**Exhibit 18: Merged entity will have a higher order book...**



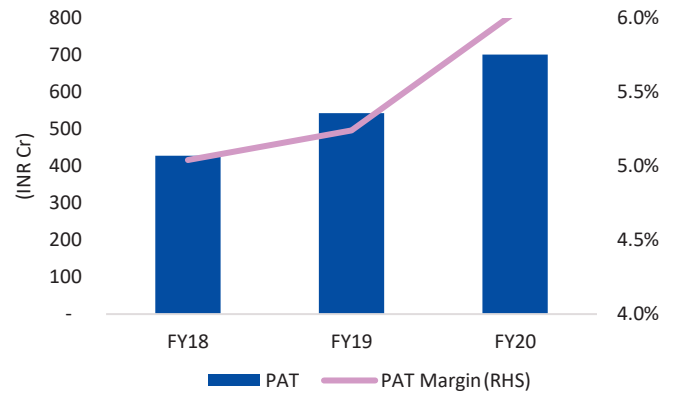
**Exhibit 19: ...with greater revenue visibility**



**Exhibit 20: Merged entity will have a healthy EBITDA margin**



**Exhibit 21: PAT margin is close to industry leaders**



Source: Company, Edelweiss Professional Investor Research

#### IV. Shree Subham Logistics (SSL): Business turnaround and divestment will trigger benefits

SSL started reporting an improvement in performance over the last 1 year, especially on the margin front. EBITDA margin improved to 33% in FY20 from 30% in FY19. Net loss fell to INR 8 crore from INR 15 crore over the same period. Improvement in performance continued in H1FY21, with revenue up 11% YoY and EBITDA margin of 26%. As expected by the management, the PAT has become positive in H1FY21.

KPTL appointed advisors to find a strategic or financial partner in SSL. Total equity investment from the parent is INR 400 crore and we believe it will be able to divest its partial stake at a better price.

(INR cr)	FY18	FY19	FY20	FY21E	FY22E	FY23E	CAGR FY20-23E
Revenue	69	124	132	139	153	168	8%
- YoY growth		80%	7%	5%	10%	10%	
EBITDA	12	36	44	46	50	55	8%
- EBITDA margin	17.3%	29.5%	33.1%	33%	33%	33.0%	
PAT	(41)	(15)	(8)	3	4	8	NA
- PAT margin	(60.5%)	(12.5%)	(6%)	2.3%	2.9%	4.9%	

Source: Company, Edelweiss Professional Investor Research

## V. Expect deleveraging, asset sale to drive re-rating

We believe, multiple triggers like T&D asset sales, deleveraging, merger of JMC & KPTL, strategic stake sale in logistic business and promoter pledge reduction will result in a significant re-rating in KPTL stock price over the medium term. KPTL's promoters intend to pare current pledge (INR 720 crore) by INR 150 crore by March 2021 and further by INR 150 crore before December 2021 and hence pledge could be down from 57% to 30% over the next one year.

At CMP of INR 295, KPTL's standalone operation is trading at 8x/7x FY22/23E EPS of INR 38/44, a huge discount to its peers, providing a margin of safety. **We recommend 'Tactical Buy' with a target price of INR 500.**

### Sum of The Parts (SoTP)-based target price

<b>KPTL: Standalone</b>	
<b>Valuation methodology</b>	<b>P/E</b>
PAT FY22E (INR crore)	585
Multiple (x)	12
Implied value (INR crore)	7,020
Number of shares	15
<b>Value per share (INR)</b>	<b>467</b>
<b>JMC: Standalone (67% stake)</b>	
<b>Valuation methodology</b>	<b>P/E</b>
PAT FY22E (INR crore)	215
Multiple (x)	10
Implied value (INR crore)	1,443
Number of shares of KPTL	15
Value per share (INR) for KPTL	96
<b>Value per share after holding company discount at 30% (INR)</b>	<b>30</b>
<b>Shree Shubham Logistics</b>	
<b>Valuation Methodology</b>	<b>P/E</b>
PAT - March-22E (INR Cr)	4
Multiple (x)	8
Implied value (INR Cr)	36
No of shares	15
<b>Value per share (INR)</b>	<b>2</b>
<b>Total value (INR per share)</b>	<b>500</b>

Source: Company, Edelweiss Professional Investor Research

# Kalpataru Power Transmission

## Financials

### Income Statement (INR Cr)

Year to March	FY20A	FY21E	FY22E	FY23E
Total operating income	7904	8421.8	9572.3	10690.7
Gross profit	2001	2162.3	2375.2	2656.8
Employee costs	526	547.4	574.3	641.4
Other expenses	615	707.4	765.8	855.3
EBITDA	860	907.5	1035.1	1160.1
Depreciation	110	112.7	119	128.7
Less: Interest expense	166	155.1	170.8	175.9
Add: Other income	58	65.7	69.9	73.3
Profit before tax	642	705.4	815.2	928.8
Prov for tax	203	202.9	229.9	261.9
Less: Other adj	-24	-14	0	0
Reported profit	463	516.5	585.3	666.9
Less: Excp.item (net)	24	14	0	0
Adjusted profit	439	502.5	585.3	666.9
Diluted shares o/s	15.3	15.3	15.3	15.3
Adjusted diluted EPS	28.6	32.8	38.2	44
DPS (INR)	0.35	0.3	0.3	0.3
Tax rate (%)	3.16	2.88	2.82	2.82

### Important Ratios (%)

Year to March	FY20A	FY21E	FY22E	FY23E
COGS (% of rev)	74.7	74.3	75.2	75.1
Employee cost (% of rev)	6.7	6.5	6.0	6.0
Other exp (% of rev)	7.8	8.4	8.0	8.0
EBITDA margin (%)	10.9	10.8	10.8	10.9
Net profit margin (%)	5.6	6.0	6.1	6.2
Revenue growth (% YoY)	11.1	6.6	13.7	11.7
EBITDA growth (% YoY)	10.5	5.5	14.1	12.1
Adj. profit growth (%)	4.1	14.5	16.5	13.9

### Valuation Metrics

Year to March	FY20A	FY21E	FY22E	FY23E
Diluted P/E (x)	10.3	9.0	7.7	6.7
Price/BV (x)	1.2	1.1	1.0	0.8
EV/EBITDA (x)	6.2	5.8	5.0	4.3
Dividend yield (%)	1.4	1.2	1.2	1.2



## Kalpataru Power Transmission

## Financials

### Balance Sheet (INR Cr)

Year to March	FY20A	FY21E	FY22E	FY23E
Share capital	31	31	31	31
Reserves	3505	3976	4515	5136
Shareholders funds	3536	4006	4546	5166
Minority interest	0	0	0	0
Borrowings	1177	1001	951	901
Trade payables	3393	3516	4042	4512
Other liabs & prov	1303	1191	1175	954
Total liabilities	9655	9985	11011	11861
Net block	625	635	620	595
Intangible assets	9	7	5	2
Capital WIP	40	41	42	43
Total fixed assets	674	683	666	640
Non current inv	864	864	864	864
Cash/cash equivalent	337	231	302	358
Sundry debtors	3617	3923	4616	5155
Loans & advances	630	662	695	729
Other assets	3533	3622	3869	4115
Total assets	9655	9985	11011	11861

### Free Cash Flow (INR Cr)

Year to March	FY20A	FY21E	FY22E	FY23E
Reported profit	463	517	585	667
Add: Depreciation	110	113	119	129
Interest (net of tax)	102	106	118	122
Others	-99	-106	-118	-122
Less: Changes in WC	-333	-391	-436	-541
Operating cash flow	243	238	268	255
Less: Capex	-170	-122	-102	-102
Free cash flow	73	116	166	153

### Key Ratios

Year to March	FY20A	FY21E	FY22E	FY23E
RoE (%)	13.8	13.4	13.7	13.7
RoCE (%)	19.0	17.7	18.8	19.1
Inventory days	42.0	42.0	37.0	38.0
Receivable days	161.0	163.0	163.0	167.0
Payable days	196.0	201.0	192.0	194.0
Working cap (% sales)	39.1	41.6	41.4	42.4
Gross debt/equity (x)	0.3	0.2	0.2	0.2
Net debt/equity (x)	0.2	0.2	0.1	0.1
Interest coverage (x)	4.5	5.1	5.4	5.9

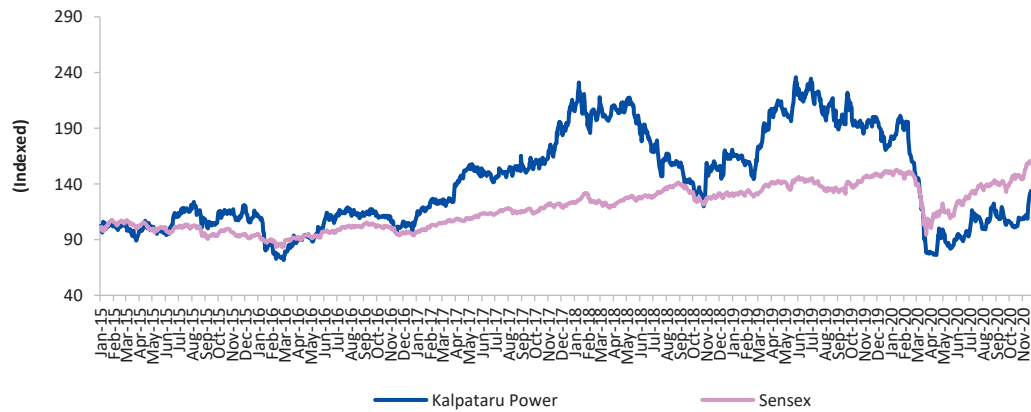
### Valuation Drivers

Year to March	FY20A	FY21E	FY22E	FY23E
EPS growth (%)	4.1	14.5	16.5	13.9
RoE (%)	13.8	13.4	13.7	13.7
EBITDA growth (%)	10.5	5.5	14.1	12.1
Payout ratio (%)	11.6	8.9	7.9	6.9

**Edelweiss Broking Limited**, 1st Floor, Tower 3, Wing B, Kohinoor City Mall, Kohinoor City, Kirool Road, Kurla(W)  
Board: (91-22) 4272 2200

**Vinay Khattar**  
Head Research  
vinay.khattar@edelweissfin.com

Rating	Expected to
<b>BUY</b>	appreciate more than 15% over a 12-month period
<b>HOLD</b>	appreciate between 5% and 15% over a 12-month period
<b>REDUCE</b>	return below 5% over a 12-month period



## Disclaimer

Edelweiss Broking Limited (“EBL” or “Research Entity”) is regulated by the Securities and Exchange Board of India (“SEBI”) and is licensed to carry on the business of broking, depository services and related activities. The business of EBL and its Associates (list available on [www.edelweissfin.com](http://www.edelweissfin.com)) are organized around five broad business groups – Credit including Housing and SME Finance, Commodities, Financial Markets, Asset Management and Life Insurance.

Broking services offered by Edelweiss Broking Limited under SEBI Registration No.: INZ000005231; Name of the Compliance Officer: Mr. Brijmohan Bohra, Email ID: [complianceofficer.ebl@edelweissfin.com](mailto:complianceofficer.ebl@edelweissfin.com) Corporate Office: Edelweiss House, Off CST Road, Kalina, Mumbai - 400098; Tel. 18001023335/022-4272200/022-40094279

This Report has been prepared by Edelweiss Broking Limited in the capacity of a Research Analyst having SEBI Registration No. INH000000172 and distributed as per SEBI (Research Analysts) Regulations 2014. This report does not constitute an offer or solicitation for the purchase or sale of any financial instrument or as an official confirmation of any transaction. The information contained herein is from publicly available data or other sources believed to be reliable. This report is provided for assistance only and is not intended to be and must not alone be taken as the basis for an investment decision. The user assumes the entire risk of any use made of this information. Each recipient of this report should make such investigation 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 his own advisors to determine the merits and risks of such investment. The investment discussed or views expressed may not be suitable for all investors.

This information is strictly confidential and is being furnished to you solely for your information. This information should not be reproduced or redistributed or passed on directly or indirectly in any form 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 EBL and associates / group companies to any registration or licensing requirements within such jurisdiction. The distribution of this report in certain jurisdictions may be restricted by law, and persons in whose possession this report comes, should observe, any such restrictions. The information given in this report is as of the date of this report and there can be no assurance that future results or events will be consistent with this information. This information is subject to change without any prior notice. EBL reserves the right to make modifications and alterations to this statement as may be required from time to time. EBL or any of its associates / group companies shall not be in any way responsible for any loss or damage that may arise to any person from any inadvertent error in the information contained in this report. EBL is committed to providing independent and transparent recommendation to its clients. Neither EBL nor any of its associates, group companies, directors, employees, agents or representatives shall be liable for any damages whether direct, indirect, special or consequential including loss of revenue or lost profits that may arise from or in connection with the use of the information. Our proprietary trading and investment businesses may make investment decisions that are inconsistent with the recommendations expressed herein. Past performance is not necessarily a guide to future performance. The disclosures of interest statements incorporated in this report are provided solely to enhance the transparency and should not be treated as endorsement of the views expressed in the report. The information provided in these reports remains, unless otherwise stated, the copyright of EBL. All layout, design, original artwork, concepts and other Intellectual Properties, remains the property and copyright of EBL and may not be used in any form or for any purpose whatsoever by any party without the express written permission of the copyright holders.

EBL shall not be liable for any delay or any other interruption which may occur in presenting the data due to any reason including network (Internet) reasons or snags in the system, break down of the system or any other equipment, server breakdown, maintenance shutdown, breakdown of communication services or inability of the EBL to present the data. In no event shall EBL be liable for any damages, including without limitation direct or indirect, special, incidental, or consequential damages, losses or expenses arising in connection with the data presented by the EBL through this report.

We offer our research services to clients as well as our prospects. Though this report is disseminated to all the customers simultaneously, not all customers may receive this report at the same time. We will not treat recipients as customers by virtue of their receiving this report.

EBL and its associates, officer, directors, and employees, research analyst (including relatives) worldwide may: (a) from time to time, have long or short positions in, and buy or sell the securities thereof, of company(ies), mentioned herein or (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 subject company/company(ies) discussed herein or act as advisor or lender/borrower to such company(ies) or have other potential/material conflict of interest with respect to any recommendation and related information and opinions at the time of publication of research report or at the time of public appearance. EBL may have proprietary long/short position in the above mentioned scrip(s) and therefore should be considered as interested. The views provided herein are general in nature and do not consider risk appetite or investment objective of any particular investor; readers are requested to take independent professional advice before investing. This should not be construed as invitation or solicitation to do business with EBL.

EBL or its associates may have received compensation from the subject company in the past 12 months. EBL or its associates may have managed or co-managed public offering of securities for the subject company in the past 12 months. EBL or its associates may have received compensation for investment banking or merchant banking or brokerage services from the subject company in the past 12 months. EBL or its associates may have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company in the past 12 months. EBL or its associates have not received any compensation or other benefits from the Subject Company or third party in connection with the research report. Research analyst or his/her relative or EBL’s associates may have financial interest in the subject company. EBL, its associates, research analyst and his/her relative may have other potential/material conflict of interest with respect to any recommendation and related information and opinions at the time of publication of research report or at the time of public appearance.

Participants in foreign exchange transactions may incur risks arising from several factors, including the following: ( i) exchange rates can be volatile and are subject to large fluctuations; ( ii) the value of currencies may be affected by numerous market factors, including world and national economic, political and regulatory events, events in equity and debt markets and changes in interest rates; and (iii) currencies may be subject to devaluation or government imposed exchange controls which could affect the value of the currency. Investors in securities such as ADRs and Currency Derivatives, whose values are affected by the currency of an underlying security, effectively assume currency risk.

Research analyst has served as an officer, director or employee of subject Company: No  
 EBL has financial interest in the subject companies: No

EBL’s Associates may have actual / beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of publication of research report.

Research analyst or his/her relative has actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of publication of research report: No

EBL has actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of publication of research report: No  
 Subject company may have been client during twelve months preceding the date of distribution of the research report.

There were no instances of non-compliance by EBL on any matter related to the capital markets, resulting in significant and material disciplinary action during the last three years. A graph of daily closing prices of the securities is also available at [www.nseindia.com](http://www.nseindia.com)

### Analyst Certification:

The analyst for this report certifies that all of the views expressed in this report accurately reflect his or her personal views about the subject company or companies and its or their securities, and no part of his or her compensation was, is or will be, directly or indirectly related to specific recommendations or views expressed in this report.

## Disclaimer

### Additional Disclaimer for U.S. Persons

Edelweiss 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 Edelweiss 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 Edelweiss, including the products and services described herein are not available to or intended for U.S. persons.

This report does not constitute an offer or invitation to purchase or subscribe for any securities or solicitation of any investments or investment services and/or shall not be considered as an advertisement tool. “U.S. Persons” are generally defined as a natural person, residing in the United States or any entity organized or incorporated under the laws of the United States. US Citizens living abroad may also be deemed “US Persons” under certain rules.

Transactions in securities discussed in this research report should be effected through Edelweiss Financial Services Inc.

### Additional Disclaimer for U.K. Persons

The contents of this research report have not been approved by an authorised person within the meaning of the Financial Services and Markets Act 2000 (“FSMA”).

In the United Kingdom, this research report is being distributed only to and is directed only at (a) persons who have professional experience in matters relating to investments falling within Article 19(5) of the FSMA (Financial Promotion) Order 2005 (the “Order”); (b) persons falling within Article 49(2)(a) to (d) of the Order (including high net worth companies and unincorporated associations); and (c) any other persons to whom it may otherwise lawfully be communicated (all such persons together being referred to as “relevant persons”).

This research report must not be acted on or relied on by persons who are not relevant persons. Any investment or investment activity to which this research report relates is available only to relevant persons and will be engaged in only with relevant persons. Any person who is not a relevant person should not act or rely on this research report or any of its contents. This research report must not be distributed, published, reproduced or disclosed (in whole or in part) by recipients to any other person.

### Additional Disclaimer for Canadian Persons

Edelweiss is not a registered adviser or dealer under applicable Canadian securities laws nor has it obtained an exemption from the adviser and/or dealer registration requirements under such law. Accordingly, any brokerage and investment services provided by Edelweiss, including the products and services described herein, are not available to or intended for Canadian persons.

This research report and its respective contents do not constitute an offer or invitation to purchase or subscribe for any securities or solicitation of any investments or investment services.

### Disclosures under the provisions of SEBI (Research Analysts) Regulations 2014 (Regulations)

Edelweiss Broking Limited (“EBL” or “Research Entity”) is regulated by the Securities and Exchange Board of India (“SEBI”) and is licensed to carry on the business of broking, depository services and related activities. The business of EBL and its associates are organized around five broad business groups – Credit including Housing and SME Finance, Commodities, Financial Markets, Asset Management and Life Insurance. There were no instances of non-compliance by EBL on any matter related to the capital markets, resulting in significant and material disciplinary action during the last three years. This research report has been prepared and distributed by Edelweiss Broking Limited (“Edelweiss”) in the capacity of a Research Analyst as per Regulation 22(1) of SEBI (Research Analysts) Regulations 2014 having SEBI Registration No.INH000000172.