

25 November 2009

ACCUMULATE

Price **Rs251** Target Price **Rs250**

Sensex **17,199**

Price Performance

(%)	1M	3M	6M	12M
Absolute	0	29	79	264
Rel. to Sensex	(3)	17	47	84

Source: Capitaline

Stock Details

Sector	Construction
Reuters	IRBI.BO
Bloomberg	IRB@IN
Equity Capital (Rs mn)	3324
Face Value (Rs)	10
No of shares o/s (mn)	332
52 Week H/L (Rs)	280/65
Market Cap (Rs bn/USD mn)	83/1,795
Daily Avg Vol (No of shares)	2209763
Daily Avg Turnover (US\$ mn)	11.1

Shareholding Pattern (%)

	S'09	J'09	M'08
Promoters	73.8	73.9	74.4
FII/NRI	11.9	11.2	13.0
Institutions	7.5	8.2	4.1
Private Corp	2.6	2.2	4.0
Public	4.2	4.6	4.6

Source: Capitaline

Ajit Motwaniajit.motwani@emkayshare.com

+91 22 6612 1255

Onkar Damleonkar.damle@emkayshare.com

+91 22 6612 1238

IRB Infrastructure Developers LtdStock
Update**Assessing bull, bear and fair value****Summary**

- Over last 6 months IRB stock has significantly outperformed the broader market as well its peers 1) driven by renewed vigor for gaining momentum in road development in India, aptly propagated by dynamic minister's (for road & surface transport -Mr. kamalnath) ambitious target of constructing 20 km/day 2) IRB's recent big ticket order wins totaling h Rs43 bn 3) Pick up in traffic growth 4) Easing liquidity scenario and softer interest rate regime.
- IRB's management is confident that based cash flows of its current BOT portfolio of 11 operational projects, the company can execute additional projects for Rs15-20bn, over and above the Rs43 bn worth of new projects already bagged in H1FY2010. However, the management has also highlighted that, projects worth Rs120 bn from NHAI are on RFP stage, bids for which are to be called over next 3-6 months. In order to capitalize on this huge opportunity IRB is planning to raise equity resources and the board has passed enabling resolution to raise upto Rs12 bn. This also has been fuelling IRB outperformance.
- However post the recent outperformance, it becomes imperative to assess the range of Bull-Bear case value for IRB stock. We did a sensitivity test for IRB, where we assumed scenarios of 9.5-13.5% interest rates, 12-14% CoE and 5-7% traffic growth for its BOT portfolio. The exercise yielded a Bear-Bull case range of Rs161 – 364. Our bull case value of Rs364/share for IRB is based on assumption of 1) 9.5% interest rate (as compared to 11.5% in base case), 2) 7% traffic growth (as compared to 6% - in base case) 3) COE of 12% and 4) 14X PER for construction business (as compared to 12X in base case).
- Though we see little possibilities of all the favorable value drivers (factored in our bull case), materializing at same time and the stock moving to bull case, we believe the stock can still trade 20% higher than our current fair value of Rs250 for the stock. This is based on realistic assumption of PER of 14X for construction business, interest rates of 10.5%, Traffic growth estimates of 6.5% and 13% COE.
- We believe IRB is an ideal play on India's continued focus on developing road infrastructure through PPP model, is on a verge of steep earnings growth. We expect IRB to register revenue growth of 82% and earnings growth of 63% over FY2009-11E. The proposed fund raising exercise will equip IRB with a war chest of Rs65-70 bn to capitalize on huge opportunity in road BOT space in India and also significantly scale up its construction business. Though we remain directionally positive on road BOTs in general and IRB in particular, our target of Rs250, does not provide significant upsides. Maintain - ACCUMULATE.

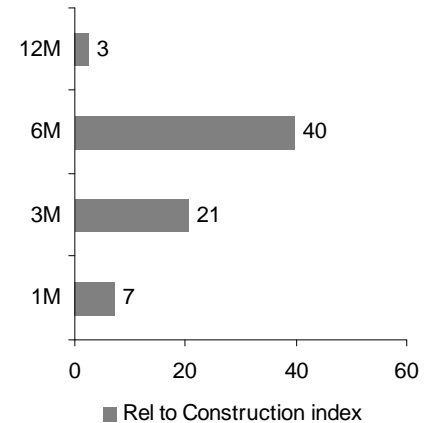
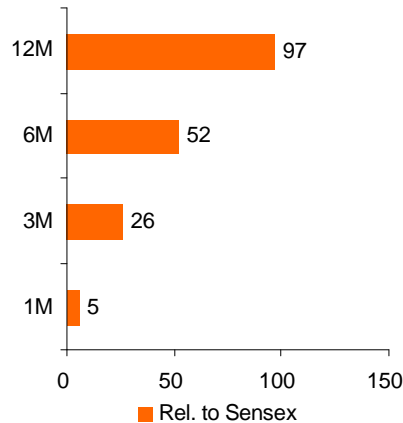
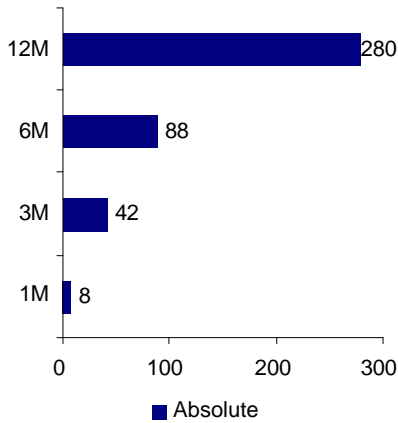
Key Financials

Y/E, Mar (Rs. m)	Net sales	EBIDTA	EBIDTA (%)	PAT	EPS (Rs.)	EPS growth (%)	ROE (%)	PE (x)
FY2008	7,327	4,119	56.2	1,139	3.4	86.4	7.0	73.2
FY2009P	9,919	4,374	44.1	1,759	5.3	54.3	10.2	26.8
FY2010E	18,192	8,474	46.6	3,299	9.9	87.6	16.0	25.3
FY2011E	32,864	12,138	36.9	4,673	14.1	41.6	18.5	17.9

IRB Stock has significantly outperformed

Over last 6 months IRB stock has significantly outperformed the broader market as well its peers (see exhibit below). We attribute such out performance to 1) driven by renewed vigor for gaining momentum in road development in India, aptly propagated by dynamic minister's (for road & surface transport -Mr. kamalnath) ambitious target of constructing 20 km/day 2) IRB's recent big ticket order wins totaling h Rs43 bn 3) Pick up in traffic growth 4) Easing liquidity scenario and softer interest rate regime.

IRB stock has outperformed its peers by 40% and sensx by 52% over last 6 months



Road BOTs gaining traction-NHAI sets target of awarding 13394 km in FY2010

To achieve the Government's ambitious target of constructing 20 kms/day NHAI has set a target of awarding 135 projects covering 13394 kms with investment of close to Rs1000bn in FY2010. Out of these 70 projects covering 7968 kms with investment of close to Rs616 bn NHAI plans to award over next two quarter.

NHAI FY2010 targets

	No of projects	Length (Kms)	Investment (Rs bn)
Phase II	12	700	139
Phase III	96	8825	602
Phase V	18	2403	240
OMTs	9	1466	11
Total	135	13394	992

Source: NHAI

New projects worth Rs120 bn ready for bidding - IRB to raise funds

IRB's management is confident that based on its current BOT portfolio of 11 operational projects and construction order backlog of approximately Rs100 bn, the company can execute additional projects for Rs15-20bn, over and above the Rs43 bn worth of new projects already bagged in H1FY2010. However, the management has also highlighted that, projects worth Rs120 bn from NHAI are on RFP stage, bids for which are to be called over next 3-6 months. In order to capitalize on this huge opportunity IRB is planning to raise equity resources and the board has passed enabling resolution to raise upto Rs12 bn.

IRB potentially can execute new projects worth Rs65-70 bn

With equity funds of Rs12bn, IRB will be able to execute projects worth another Rs50 bn. This means at a time when the road sector in India is about to see significant order traction, IRB will be ready with a war chest of Rs65-70 bn to capitalize on the same and significantly ramp up its BOT portfolio and scale of its construction business. We believe the company's aggressive management would be able to leverage its strong project management and execution skills and exploit significant growth potential in the road BOT space in India, thereby providing a positive tailwind.

Bear-Bull case value range of Rs161-364 per share

However post the recent outperformance, it becomes imperative to assess the range of Bull-Bear case value for IRB stock. We did a sensitivity test on our model for IRB where we have assumed scenarios of 9.5-13.5% interest rate for the BOT projects, 12-14% cost of equity as the discounting rate and 5-7% traffic growth for its BOT portfolio. The exercise yielded a Bear-Bull case range of Rs161 – 364.

Variable	Range
E&C business target PER	10-14X
Cost of equity	12%-14%
Interest rate for projects	9.5%-13.5%
Traffic growth	5%-7%

Rs per share	E&C	BOT	Real estate	PV of loans	Total
Bear Case	66	87	5	4	161
Base Case	79	161	5	5	250
Bull Case	92	262	5	6	364

Sensitivity of interest rate and traffic growth on project NPVs

Since infrastructure developers operate at a very high debt: equity ratio, interest rates significantly impact their project cash flows, and consequently their equity IRRs. For example a 100 bps reduction in interest rate for project like Mumbai – Pune (MPEW) enhances its NPV by 3%. Similarly a 100 bps reduction in discounting rate enhances its Net Present Value (NPV) by 5%. Traffic growth for road BOTs, which is essentially related to GDP growth of a region, also is a significant driver of value for projects. For example a 100 bps improvement in traffic growth impacts value of project like Mumbai Pune Expressway by close to 9%. We have shown the sensitivity on the NPV of IRB's BOT portfolio at various levels of interest rates and discount rates. (We have assigned the value Rs161/share to IRB's BOT portfolio in our price target of Rs250 for IRB).

Sensitivity of interest rate and traffic growth on IRB's BOT portfolio**Sensitivity at 12% CoE**

		Interest Rate					
		182.4	9.5%	10.5%	11.5%	12.5%	13.5%
Traffic Growth	7.0%	261.6	249.7	237.6	225.4	212.8	
	6.5%	232.7	220.9	208.8	196.5	184.0	
	6.0%	206.3	194.5	182.4	170.1	157.5	
	5.5%	182.1	170.3	158.1	145.7	133.1	
	5.0%	159.8	147.9	135.8	123.3	110.8	

Sensitivity at 13% CoE

		Interest Rate					
		161.2	9.5%	10.5%	11.5%	12.5%	13.5%
Traffic Growth	7.0%	230.8	219.8	208.6	197.3	185.7	
	6.5%	206.0	195.1	183.9	172.5	160.9	
	6.0%	183.3	172.4	161.2	149.7	138.1	
	5.5%	162.4	151.5	140.2	128.7	117.0	
	5.0%	143.2	132.2	120.9	109.3	97.7	

Sensitivity at 14% CoE

		Interest Rate					
		143.6	9.5%	10.5%	11.5%	12.5%	13.5%
Traffic Growth	7.0%	205.3	195.1	184.7	174.1	163.3	
	6.5%	183.9	173.7	163.3	152.7	141.8	
	6.0%	164.1	154.0	143.6	132.9	122.0	
	5.5%	146.0	135.8	125.3	114.6	103.6	
	5.0%	129.2	118.9	108.4	97.6	86.7	

Note- 1) Our CoE assumption is higher by 1% point for under construction project.

2) Traffic growth shown in the table are estimates of growth in initial phase i.e. from FY2011-17, post which we have assumed a gradual decline in growth rates.

Stock can trade 20% higher than our fair value estimates

Our bull case value of Rs364/share for IRB is based on assumption of 1) 9.5% interest rate (as compared to 11.5% in base case), 2) 7% traffic growth (as compared to 6% - in base case) 3) COE of 12% and 4) 14X PER for construction business (as compared to 12X factored in base case). Though we see little possibilities of all the favorable value drivers (factored in our bull case), materializing at same time and the stock moving to bull case, we believe the stock can still trade at Rs297 or 20% higher than our current fair value of Rs250 for the stock. This is based on realistic bull case assumption of PER of 14X for construction business, interest rates of 10.5%, Traffic growth estimates of 6.5% and 13% COE. In the following exhibit we have discussed probabilities of all these value drivers to see how far the stock can trade from our fair value estimates.

Variable	Range	Comment
E&C business target PER	10-14X	Best case multiple of 14X for IRB's construction business, same as the multiple we have assigned to IVRCL's construction business. (30% discount to L&T)
Cost of equity	12%-14%	We see little room for reduction in CoE, as the implied 6% risk premium ideally factors traffic growth and interest rate risks.
Interest rate for projects	9.5%-13.5%	The new reset of interest rates is due for IRB's key project and we see a maximum of 100 bps reduction from current rate of 11.5%.
Traffic growth	5%-7%	The company saw traffic average growth of 5% in H1FY2010. We believe though our estimates of 6% growth are reasonable, the same can have marginal upsides since they are bouncing back from low base of FY2009. Hence we can expect traffic growth to inch up a bit higher to 6.5%.

IRB SoTP

SPV	Asset Operated	Holding	Valuation Measure	Disc rate	Bull Case*	Base case
Modern Road Makers	EPC & O&M Business	100%	PER	12	91.8	78.7
Mhaiskar Infrastructure	Mumbai Pune Expressway & NH4	100%	FCFE	12%	49.3	45.7
Surat Dahisar SPV	Surat Dahisar	80%	FCFE	13%	4.8	1.6
IDAA Infrastructure	Bharuch Surat	100%	FCFE	13%	20.7	16.9
MMK Toll Road	Mohol-Mandrup Road	100%	FCFE	13%	2.9	2.9
IRB Infrastructure	Karpada-Patalganga Bridge	100%	FCFE	13%	1.0	1.0
NKT Road & Toll	Ahmednagar Tembhurni Road	100%	FCFE	13%	1.9	1.8
Thane Ghodbunder Toll Road	Thane Ghodbunder	100%	FCFE	13%	5.5	5.3
ATR Infrastructure	Pune Nashik	100%	FCFE	13%	6.9	6.6
Aryan Toll Road	Pune Sholapur	100%	FCFE	13%	3.5	3.3
Ideal Road Builders	Thane Bhiwandi Bypass Kaman Paygon	100%	FCFE	13%	6.8	6.7
IRB Kolhapur IRDC	Kolhapur City Roads	100%	FCFE	14%	7.4	6.1
Goa (Panji) -Karnataka	Goa (Panji) -Karnataka	100%	FCFE	14%	6.5	4.1
Amritsar Pathankot	Amritsar Pathankot	100%	FCFE	14%	13.3	9.8
Jaipur - Deoli	Jaipur - Deoli	100%	FCFE	14%	18.3	13.3
Amravati Talegaon	Amravati Talegaon	100%	FCFE	14%	7.7	5.7
Total Value of existing BOT Portfolio					156.6	130.7
Terminal value of firm		100%	FCFE	15.0%	38.4	30.3
Aryan Infra Investment	Real Estate JV	66%	Book value		5.0	5.0
Add: PV of Loans to SPV					5.4	5.0
Total					297	250

*Note-Bull Case based on realistic assumption discussed in exhibit earlier.

Maintain ACCUMULATE

We believe IRB, an ideal play on India's continued focus on developing road infrastructure through PPP model, is on a verge of steep earnings growth trajectory with two of its biggest BOT projects Surat -Dahisar and Bharuch Surat contributing to revenues and earnings in FY2010. Also the construction business with existing E&C order backlog of Rs74 bn (and Rs8 bn order from Goa - Karnataka project to be added to backlog) will fuel IRB earnings growth. Overall we expect IRB to register revenue growth of 82% and earnings growth (after minority interest) of 63% over FY2009-11E. Also the proposed fund raising exercise will equip IRB with a war chest of Rs65-70 bn to capitalize on huge opportunity in road BOT space in India and also significantly scale up its construction business.

Though we remain directionally positive on road BOTs in general and IRB in particular, our target of Rs250, does not provide significant upsides. We maintain our ACCUMULATE rating on the stock with a target of Rs250.

Income Statement

Y/E, Mar (Rs. m)	FY2008	FY2009P	FY2010E	FY2011E
Net Sales	7327.1	9918.8	18192.1	32864.2
Growth (%)	39.5	35.4	83.4	80.7
Total Expenditure	3208.2	5544.9	9717.9	20725.9
Growth (%)	31.0	72.8	75.3	113.3
Direct Expenses	2532.8	4682.5	8376.3	18092.4
% of sales	34.6	47.2	46.0	55.1
Periodic Maintainance	0.0	0.0	160.6	160.6
% of sales	0.0	0.0	0.9	0.5
Personnel expenses	341.0	424.8	683.5	1446.1
% of sales	4.7	4.3	3.8	4.4
Office admin & other exp	334.4	437.6	497.4	1026.7
% of sales	4.6	4.4	2.7	3.1
EBIDTA	4118.9	4374.0	8474.3	12138.3
Growth (%)	47.0	6.2	93.7	43.2
EBIDTA %	56.2	44.1	46.6	36.9
Other income	520.3	296.0	561.9	547.6
Interest	1957.5	1376.6	2581.3	3803.9
Depreciation / Amortization	1016.1	1143.8	1889.5	2393.0
EBT	1665.5	2149.5	4565.4	6489.0
Prov for Tax	399.8	377.8	985.5	1602.9
EAT	1265.7	1771.7	3579.9	4886.0
Growth (%)	59.3	40.0	102.1	36.5
EAT (%)	17.3	17.9	19.7	14.9
Minority Interest	126.4	13.2	280.9	213.3
Adjusted PAT	1139.3	1758.5	3299.0	4672.7

Cash Flow

Y/E, Mar (Rs. m)	FY2008	FY2009P	FY2010E	FY2011E
Profit before Tax	1665.5	2149.5	4565.4	6489.0
Add : Depreciation	1016.1	1143.8	1889.5	2393.0
Add : Non Cash	0.0	52.7	0.0	0.0
Less: Tax Paid	-399.8	-377.8	-985.5	-1602.9
Net changes in WC	-431.2	-1200.4	438.6	743.3
Operational Cash Flows	1850.6	1767.8	5908.0	8022.3
Capital expenditure	-3605.8	-6953.6	-9900.0	-25039.3
Investments	-1571.4	876.5	0.0	0.0
Investing Cash Flows	-5177.2	-6077.1	-9900.0	-25039.3
Borrowings	-4967.2	4646.4	12569.2	14322.0
Issue of shares	9445.7	0.0	0.0	0.0
Add/Redn of Reserves	0.0	-13.1	0.0	0.0
Dividend paid	0.0	0.0	0.0	0.0
Pymt to / from Min Int				
Financing Cash Flows	4478.5	4633.3	12569.2	14322.0
changes in cash	1151.9	324.1	8577.2	-2694.9
Opening balance	3703.4	5221.5	4147.3	12724.5
Closing balance	4855.3	5545.5	12724.5	10029.6

Balance Sheet

Y/E, Mar (Rs. m)	FY2008	FY2009P	FY2010E	FY2011E
Equity share capital	3323.6	3323.6	3323.6	3323.6
Share Premium	10048.3	10035.2	10035.2	10035.2
Reserves & surplus	2835.1	3941.9	7240.9	11913.6
Shareholders Funds	16207.0	17300.7	20599.7	25272.4
Minority Interest	281.1	599.2	880.1	1093.4
Secured Loans	17436.4	22082.8	34652.0	48974.0
Unsecured Loans	2776.0	2776.0	2776.0	2776.0
Loan Funds	20212.4	24858.8	37428.0	51750.0
Total Liabilities	36700.5	42758.7	58907.8	78115.8
Gross Block	1483.1	7578.1	4524.5	5524.5
Less: Acc Depreciation	533.9	4439.7	1456.4	2069.3
Net block	949.2	3138.4	3068.0	3455.2
Capital WIP	8888.5	14545.4	8900.0	32939.3
Intangible Assets	17898.8	17022.9	30505.5	28725.3
Investment	1984.9	1108.3	1108.3	1108.3
Current Assets	9589.0	10326.1	21687.2	22673.4
Inventories	502.1	2054.0	852.5	1929.5
Sundry Debtors	117.6	129.8	1461.7	4065.9
Cash and Bank	5221.5	4147.3	12724.5	10029.6
Loans and Advances	3747.8	3994.9	6648.5	6648.5
Current Liab & Prov	2599.5	3210.4	6433.0	10857.4
Current liabilities	1048.9	1302.7	4615.9	9035.3
Provisions	1550.6	1907.7	1817.1	1822.1
Net current assets	6989.5	7115.7	15254.2	11816.0
Net Deferred Taxes	-26.3	-181.6	-181.6	-181.6
Miscellaneous Exps	15.9	9.6	9.6	9.6
Total Assets	36700.5	42758.7	58664.1	77872.1

Key ratios

	FY2008	FY2009P	FY2010E	FY2011E
EPS (Rs)	3.4	5.3	9.9	14.1
CEPS (Rs)	6.9	8.8	16.5	21.9
BV/Share (Rs)	48.8	52.1	62.0	76.0
DPS (Rs)	0.0	0.0	0.0	0.0
Valuations Ratios (x)				
PER	73.2	47.4	25.3	17.9
P/CEPS	36.6	28.6	15.3	11.5
P/BV	5.1	4.8	4.0	3.3
EV/EBIDTA	23.9	23.8	12.8	10.3
EV/Sales	13.4	10.5	5.9	3.8
M-Cap/EBIDTA	20.3	19.1	9.8	6.9
M-Cap/sales	11.4	8.4	4.6	2.5
Financial ratios				
RoCE (%)	10.9%	8.9%	14.1%	15.0%
RoNW (%)	7.0%	10.2%	16.0%	18.5%
Debt/Equity	1.2	1.4	1.8	2.0
Dividend yield (%)	0.0	0.0	0.0	0.0

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Emkay Global Financial Services Ltd.,
Paragon Center, H -13 -16, 1st Floor, Pandurang Budhkar Marg, Worli, Mumbai – 400 013.
Tel: +91-22-66121212, Fax: +91-22-66242410