

NCC

Performance Highlights

Quarterly Highlights – Standalone

Y/E March (₹ cr)	2QFY16	2QFY15	1QFY16	% chg (yoy)	% chg (qoq)
Net sales	2,096	2,246	1,723	(6.6)	(21.7)
EBITDA	184	181	158	1.6	(16.4)
Net profit	55	22	41	148.4	(33.4)

Source: Company, Angel Research;

For 2QFY2016, NCC reported a favorable standalone earnings performance, reflecting better than expected execution, and lower yoy interest expenses owing to decline in debt.

On the top-line front, NCC (standalone) reported a 6.6% yoy decline to ₹2,096cr. On a sequential basis, the top-line grew 21.7%. Stronger execution seen across Water, Environment & Railways (WER) and the Buildings and Roads (B&R) segment, and sale of a land parcel (worth ₹29.9cr), contributed to the better-than-expected 2QFY2016 revenues.

NCC reported a 72bp yoy EBITDA margin improvement to 8.8%, owing to 21.3% yoy decline in raw material expenses and real estate transaction. Expansion in EBITDA margin on yoy basis coupled with lower yoy interest expenses led to PAT coming in at ₹55cr for the quarter as against ₹22cr in 2QFY2015.

NCC's outstanding order book as of 2QFY2016 stands at ₹17,487cr (exc. international business, order book to LTM sales ratio stands at 1.8x), indicating a 14.3% yoy decline.

Outlook and valuation: NCC's stock price has run-up by 36.9% in the last 12 months, mainly owing to the balance sheet de-leveraging exercise pursued by the company. NCC aims to repay debt by around ₹200-300cr through proceeds of stake sale. However stretched working capital cycle will likely inhibit the company from cutting down its debt in FY2016E. We are of the view that the next leg of re-rating in the stock would come from improvement in the EBITDA margin, and further compression in working capital cycle. Since we estimate this to happen in FY2017E only, we assign a 14.0x P/E multiple to the standalone EPC business, which in-turn has restricted the target price at ₹90/share. Given that all positives are captured in the current market price, **we assign a Neutral rating on the stock.**

Key financials (Standalone)

Y/E March (₹ cr)	FY13	FY14	FY15	FY16E	FY17E
Net Sales	5,725	6,117	8,297	7,892	8,842
% chg	9.0	6.9	35.6	(4.9)	12.0
Net Profit	63	41	112	165	297
% chg	74.2	(35.3)	175.9	47.5	79.9
EBITDA (%)	8.2	6.6	7.8	8.8	9.1
EPS (₹)	2.4	1.6	2.0	3.0	5.3
P/E (x)	31.7	49.0	38.5	26.1	14.5
P/BV (x)	0.8	0.8	1.3	1.3	1.2
RoE (%)	2.6	1.6	3.9	5.0	8.5
RoCE (%)	8.4	6.7	10.8	11.0	12.7
EV/Sales (x)	0.7	0.7	0.7	0.8	0.7
EV/EBITDA (x)	8.4	10.4	9.4	8.9	7.2
OB/ LTM Sales (x)	3.3	3.4	2.3	2.4	2.1
Order Inflows	4,017	8,512	6,659	7,900	9,600
% chg	(56.6)	111.9	(21.8)	18.6	21.5

Source: Company, Angel Research; Note: CMP as of November 11, 2015

NEUTRAL

CMP ₹77
 Target Price -

Investment Period -

Stock Info

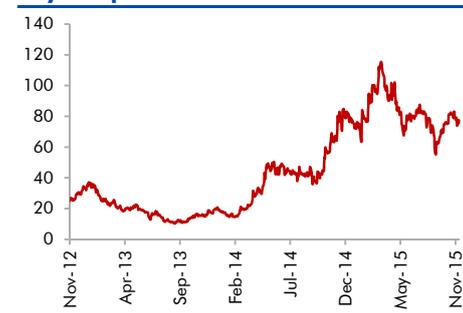
Sector	Infrastructure
Market Cap (₹ cr)	4,303
Net Debt (₹ cr)	1,813
Beta	1.7
52 Week High / Low	118/53
Avg. Daily Volume	730,596
Face Value (₹)	2
BSE Sensex	25,867
Nifty	7,825
Reuters Code	NGCN.BO
Bloomberg Code	NJCC@IN

Shareholding Pattern (%)

Promoters	20.5
MF / Banks / Indian Fls	14.5
FII / NRIs / OCBs	26.6
Indian Public / Others	38.4

Abs. (%)	3m	1yr	3yr
Sensex	(6.0)	(7.6)	38.5
NCC	6.3	36.9	208.6

3-year price chart



Source: Company, Angel Research

Santosh Yellapu

022-39357800 Ext: 6811

santosh.yellapu@angelbroking.com

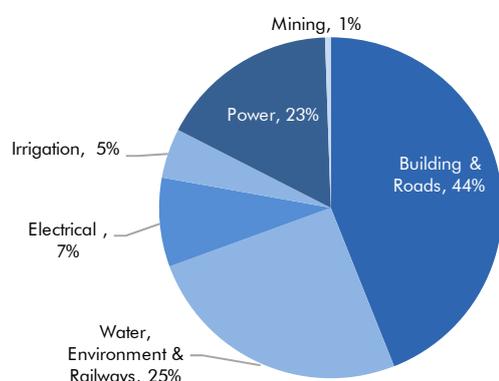
Exhibit 1: Quarterly performance (Standalone)

Particulars (₹ cr)	2QFY16	1QFY16	% chg (qoq)	2QFY15	% chg (yoy)	1HFY2016	1HFY2015	% chg
Net Sales	2,096	1,723	21.7	2,246	(6.6)	3,819	3,735	2.2
Total Expenditure	1,912	1,564	22.2	2,064	(7.4)	3,476	3,445	0.9
Cost of materials consumed	1,074	758	41.7	1,365	(21.3)	1,833	2,000	(8.4)
Construction & Sub-Contracting exp.	703	690	1.8	585	20.2	1,393	1,216	14.5
Employee benefits Expense	77	69	11.6	66	16.2	146	127	15.1
Other Expenses	58	46	25.0	48	20.4	104	102	2.7
EBITDA	184	158	16.4	181	1.6	343	290	18.0
EBITDA %	8.8	9.2		8.1		9.0	7.8	
Depreciation	28	27	3.2	28	(0.8)	55	57	(2.7)
EBIT	156	131	19.1	153	2.1	288	234	23.1
Interest and Financial Charges	131	126	3.7	158	(17.1)	257	296	(13.0)
Other Income	52	52	(0.9)	39	33.3	104	84	22.8
PBT before Exceptional Items	77	57	34.9	34	127.6	134	22	500.0
Exceptional Items	0	0		0		0	0	
PBT	77	57	34.9	34	127.6	134	22	500.0
Tax	22	16	39.0	12		38	3	
% of PBT	28.6	27.7		34.5		28.2	14.5	
PAT	55	41	33.4	22	148.4	96	19	403.7
PAT %	2.6	2.4		1.0		2.5	0.5	
Dil. EPS	0.99	0.74	33.8	0.86	15.1	1.73	0.74	133.8

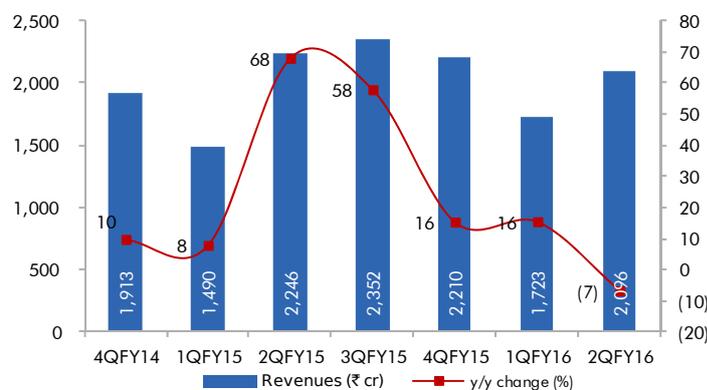
Note: nmf- not meaningful; Source: Company, Angel Research

Revenues de-grew 6.6% yoy

For 2QFY2016, NCC reported a 6.6% yoy decline in its revenues to ₹2,096cr. However, the reported revenues were ahead of our estimate of ₹1,979cr. Reported revenues for the quarter include, (1) ₹312cr of in-house power project execution (v/s ₹389cr in 1QFY2016 and ₹288cr in 2QFY2015), and (2) ₹29.9cr from sale of a land parcel. On adjusting for real estate transaction, adj. revenues in 2QFY2016 de-grew 8.0% yoy.

Exhibit 2: BR segment leads quarterly revenues...


Source: Company, Angel Research

Exhibit 3: Revenues de-grow 6.6% yoy...


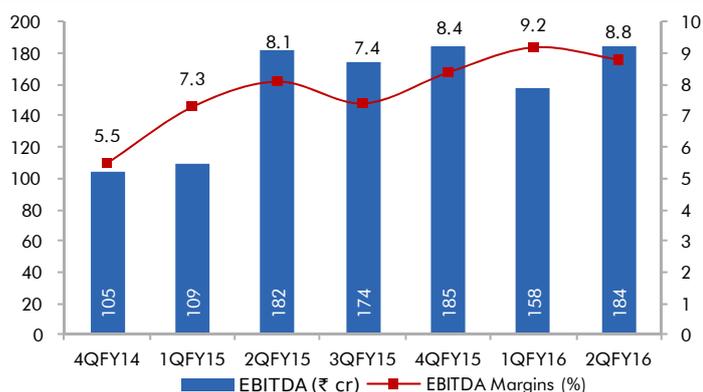
Source: Company, Angel Research

In 2QFY2016, the Buildings and Roads (B&R) and Water, Environment, & Railways (WER) segment, accounted for 44% and 25% of standalone revenues booked, respectively.

EBITDA margins expand on yoy basis

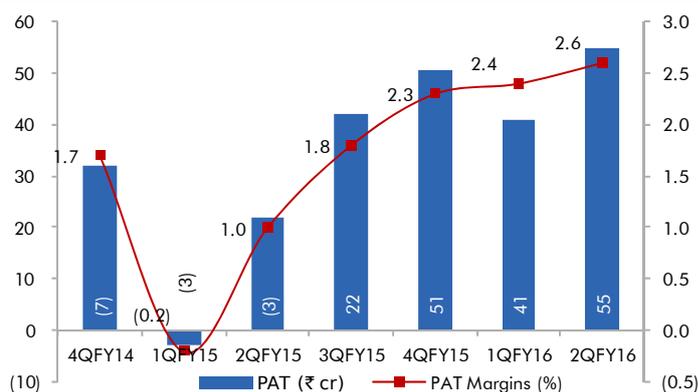
NCC reported an EBITDA of ₹184cr for the quarter, up 1.6% yoy. For the quarter NCC reported EBITDA margin of 8.8%, against our expectation of 8.5% and year ago levels of 8.1%. Surge in the yoy EBITDA margins is on account of (1) profit of ₹29.9cr from a real estate transaction, and (2) 21.3% decrease in construction and sub-contracting expenses. On adjusting for the real estate transaction (reported under revenues), EBITDA margins would stand at 7.5%.

Exhibit 4: EBITDA margin at 8.8%



Source: Company, Angel Research

Exhibit 5: PAT margin aided by lower interest exp.



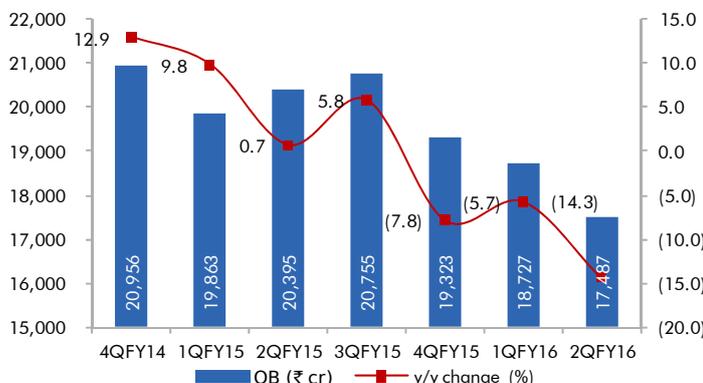
Source: Company, Angel Research

NCC reported a PAT of ₹55cr in 2QFY2016, ahead of our estimates of ₹44cr. EBITDA margin expansion and decline in interest expenses led to a sharp PAT margin expansion, from 1.0% in 2QFY2015 to 2.6% in 2QFY2016. On adjusting for the real estate transaction, the adj. PAT margin would stand at 1.2%. Decline in yoy interest expenses is attributable to decline in the average cost of borrowings and decline in debt to ₹2,100.9cr (vs ₹2,675.2cr in 2QFY2015).

Order book analysis

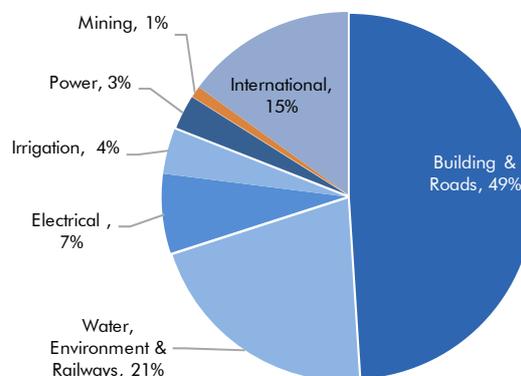
NCC's order book (including international business) stands at ₹17,487cr as of 2QFY2016, indicating a 14.3% yoy decline.

Exhibit 6: Order book stands at ₹18,727cr



Source: Company, Angel Research

Exhibit 7: B&R contribute 49% of the current order book



Source: Company, Angel Research

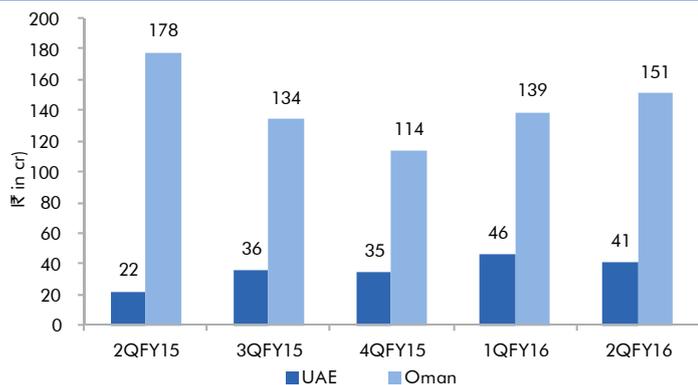
NCC has secured orders worth ₹1,015cr in 2QFY2016. On excluding the international business, the current order book to Last Twelve Month (LTM) sales

ratio stands at 1.8x. Out of the current order book, ₹536cr is from the company's in-house power project, which is expected to be completed in 2HFY2016.

International business update

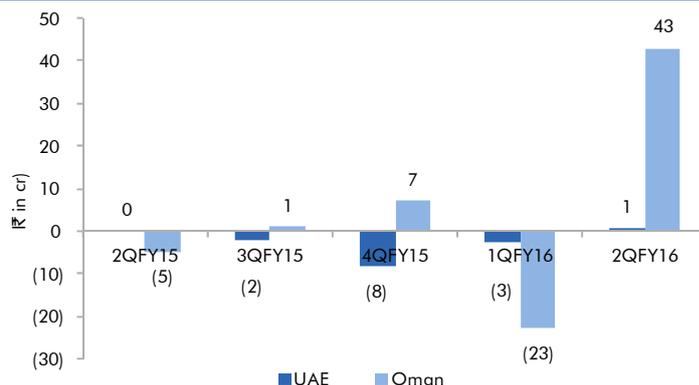
NCC International LLC (Oman), NCC's largest international subsidiary, reported a 15.2% yoy decline in revenue to ₹151cr, as Batinah Express project (Package-II, worth ₹2,287.6cr) is yet to gain traction from operations.

Exhibit 8: Muted Revenues in 2QFY2016



Source: Company, Angel Research

Exhibit 9: Oman subsidiaries reports profit



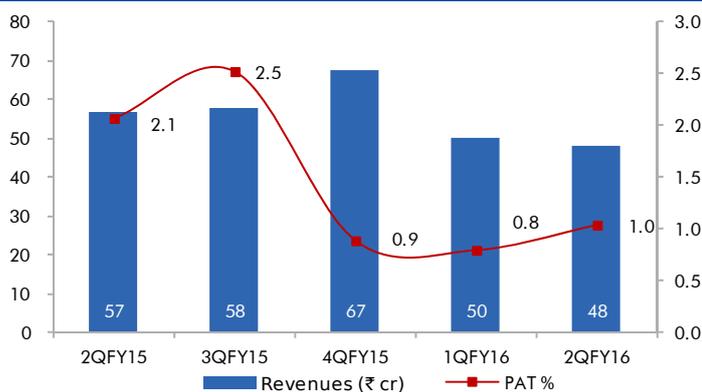
Source: Company, Angel Research

Notably, only the Omanese subsidiary reported a PAT of ₹43cr for 2QFY2016, on account of higher revenue booking.

Real Estate business update

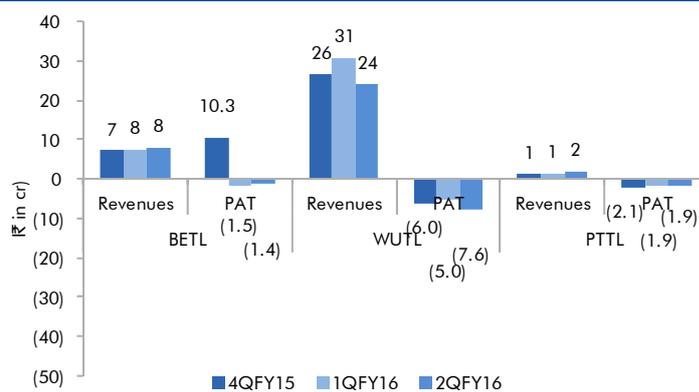
NCC Urban Infra, the company's real estate subsidiary, reported a 15.8% yoy decline in segment revenues to ₹48cr. Decline in yoy Real Estate segment revenues led to PAT margin compression to 1.0% in 2QFY2016 (vs 2.1% in 2QFY2015).

Exhibit 10: Real Estate Business financials



Source: Company, Angel Research

Exhibit 11: BOT projects' performance



Source: Company, Angel Research

BOT Projects Update

For the quarter, BETL (Bangalore Elevated Tollway Ltd) reported a revenue of ~₹8cr (up 14.3% yoy) and a PAT loss of ₹1.4cr (higher than year ago level losses of ₹1.2cr), respectively.

WUTL (Western UP Tollway Ltd) reported a 7.7% yoy decline in revenues to ₹24cr, for the quarter. Losses at WUTL widened from ₹5cr to ₹7.6cr on a yoy basis.

Management Guidance & Our View

The company's Management has maintained its order inflow guidance at ₹8,000cr for FY2016, reflecting a 20% yoy growth. Considering ₹2,293cr of order inflows in 1HFY2016, and another ₹2,058cr of order inflows in the current quarter (3QFY2016) (takes the YTD total to ₹4,351cr), when coupled with uptick in the awarding activity, indicates that NCC should attain its order inflow guidance for FY2016E. Accordingly, we modeled ₹7,900cr/₹9,600cr of order inflows for FY2016E/FY2017E, respectively.

The Management has given a revenue guidance of ₹7,800-₹7,900cr for FY2016E. Considering the bid pipeline, income from strategic sale of real estate and execution cycle of current order book, we expect NCC to report a 3.2% revenue CAGR during FY2016-17E, to ₹8,842cr.

NCC has guided for an EBITDA margin of 8.8-9% for FY2016E (reflecting 92-117bp yoy improvement), and 9-9.25% for FY2017E. Considering 1HFY2016's performance and declining share of the low margin Power segment in the order book, we model 127bp EBITDA margin expansion during FY2015-17E to 9.1%.

Other Key developments

NCC earlier announced sale of its stake in the 1,320MW Krishnapatnam Power plant to Sembcorp. NCC's Management has confirmed that it has received ₹468.6cr of mobilization advances and another ₹317.8cr of retention money.

NCC is exploring to monetize its already operational BOT assets. The Management highlighted that due diligence for Western UP Tollways is ongoing and deal should get closed in the next few months. Further, the Management also highlighted that it is exploring an alternative to monetize Bangalore Elevated Tollways.

The Management highlighted that they have not made any fresh loans and advances to their subsidiaries. Long-term loans and advances to subsidiaries as of 2QFY2016 stand at ₹135.9cr. On a qoq basis, loans and advances have increased as interest from one of the subsidiaries has accrued but is not paid to the parent. NCC Urban Infra, the real estate subsidiary, has repaid ₹71cr of debt to the parent entity during YTFY2016 and expects ~₹29cr to be paid in 2HFY2016E.

Revision of Estimates

Considering income booked from Real Estate transactions (expected to contribute in 3Q also), we are increasing our EBITDA and PAT estimates for FY2016E.

Exhibit 12: Revised Earnings Estimates

	FY2016E			FY2017E		
	Old	New	Chg. (%)	Old	New	Chg. (%)
Net Sales	7,892	7,892	0.0%	8,842	8,842	0.0%
EBITDA	651	695	6.8%	805	805	0.0%
EBITDA %	8.2	8.8		9.1	9.1	
PAT	136	165	21.3%	297	297	0.0%
PAT %	1.7	2.1		3.4	3.4	

Source: Company, Angel Research

Outlook and Valuation

Considering the bid pipeline and emerging award activity environment, we are optimistic that NCC should be able to report its targeted ₹8,000cr of order inflows for FY2016E. Accordingly, we expect NCC to report ₹7,900cr/₹9,600cr of order inflows for FY2016E/ FY2017E, respectively.

Considering declining contribution of in-house power project, we have modeled a 4.9% yoy decline in revenues to ₹7,892cr in FY2016E. Higher contribution from new projects should translate to 12% yoy revenue growth in FY2017E to ₹8,842cr. On the whole, we expect NCC to report a 3.2% top-line CAGR during FY2015-17E, respectively.

Considering (1) higher contribution from recently won projects (and declining contribution from their low margin captive power project), and (2) better cost management, we expect NCC to report a 127bp EBITDA margin expansion during FY2015-17E to 9.1%.

Even though the Management expects NCC to repay ₹200-300cr of debt in FY2016E, stretch in working capital (WC) cycle in our view should delay the debt repayment cycle. We expect debt to decline by ₹290cr in FY2017E (reflecting compression in the working capital cycle). This when coupled with lower interest rates, should help the company report 15.5% negative CAGR in interest expenses during FY2015-17E to ₹410cr. EBITDA margin expansion and decline in interest expenses should lead to 201bp PAT margin expansion during FY2015-17E to 3.4%.

NCC's stock price in the last 12 months has run up by 36.9%, mainly on account of the company's exercise of de-leveraging its balance sheet. Currently, NCC lags behind its smaller peers on the execution front. On considering their declining dependency on in-house power projects, we expect execution to gradually catch-up from here on. With shift in execution mix towards higher margin orders, we expect EBITDA margins to expand in FY2016-17E. Also, we see some leg-room for improvement in WC as % of sales, going forward. On the whole, we expect the next round of re-rating in the stock to come from (1) EBITDA margin expansion, and (2) further compression in the working capital cycle.

We recommend Neutral with a price target of ₹90

We have valued NCC using the sum-of-the-parts method. NCC's EPC business (both, standalone entity and international subsidiaries) has been valued using FY2017E P/E multiple, whereas BOT projects have been valued using "Free Cash flow to Equity holders" method; the company's real estate projects are valued using Book Value.

Value of Core EPC business

We have valued NCC's domestic EPC business (standalone entity) and Middle East business (international subsidiaries) using P/E multiple of 14.0x and 10.0x, respectively to arrive at an EPC business value of ₹81 per share.

Value of BOT projects

BOT projects are valued at “Free Cash flow to Equity holders” method. Our value for all 4 ongoing BOT projects comes to ₹6/share, which is 7% of the overall SOTP value for the company.

Exhibit 13: Derivation of SOTP-based target price for NCC

Particulars	Segment	FY17E PAT (₹ cr)	Target Multiple	Target Value (₹ cr)	Value/ share (₹)	% of SoTP	Basis
NCC's Domestic EPC business	Construction	297	14.0	4,155	75	83	P/E of 14x
NCC's International EPC business	Construction	32	10.0	323	6	6	P/E of 10x
Total		329		4,477	81	89	

Particulars	Proj. Type	Discounted FCFE (₹ cr)	Project Stake	Adj. FCFE Value (₹ cr)	Value/ share (₹)	% of SoTP	Basis
Road BOT projects							
OB Infrastructure (OBIL)	Annuity	110	64%	71	1	1	K _e of 16%
Bangalore Elevated Tollway (BETL)	Toll	474	26%	123	2	2	K _e of 16%
Western UP Tollway (WUTL)	Toll	223	51%	114	2	2	K _e of 16%
Pondicherry-Tindivanam Tollway (PTTL)	Toll	107	40%	43	1	1	K _e of 16%
Total		915		350	6	7	

Particulars	Proj. Type	Book Value (₹ cr)	Target Multiple	Adj. Book Value (₹ cr)	Value/ share (₹)	% of SoTP	Basis
Other projects							
Inv. in Real Estate proj. (inc. NCC Urban Infra)	Real Estate	355	0.5	178	3	4	P/BV of 0.5x
Total		355		178	3	4	

Grand Total				5,005	90	100	
--------------------	--	--	--	--------------	-----------	------------	--

Source: Company, Angel Research

Value of Real Estate business

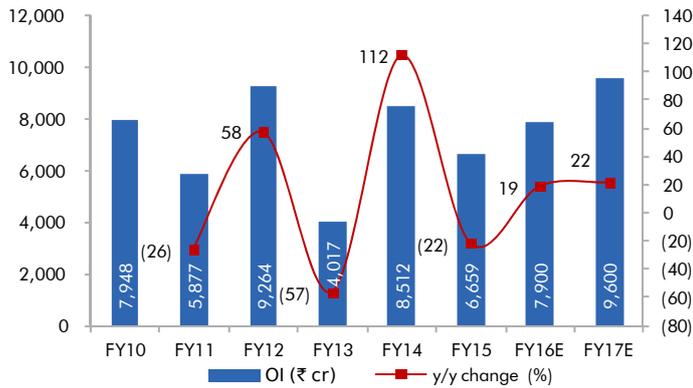
Real Estate business has been valued using the “Book Value” method. We have valued the Real Estate business at 0.5x the FY2017E book value to arrive at ₹4/share, which is 4% of the overall SOTP value for the company.

On combining the value of EPC business, BOT projects, and Real Estate business, we arrive at a combined business value of ₹90/share. Given all the positives captured in the stock price, we maintain our NEUTRAL rating on the stock.

Company background

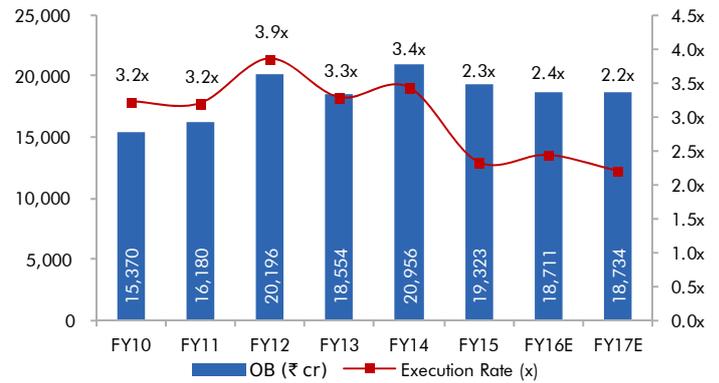
NCC, having started off as a building/industrial construction company, has emerged as an EPC contractor with a diversified portfolio. NCC's presence across all key Infrastructure verticals: 1) roads; 2) buildings; 3) irrigation; 4) electrical; 5) water; 6) power; 7) oil and gas; and 8) metals, endows it with relatively de-risked business model. NCC has also ventured in international geographies such as Oman and UAE, which further indicates business diversification.

Exhibit 14: Order Inflows to report strong growth..



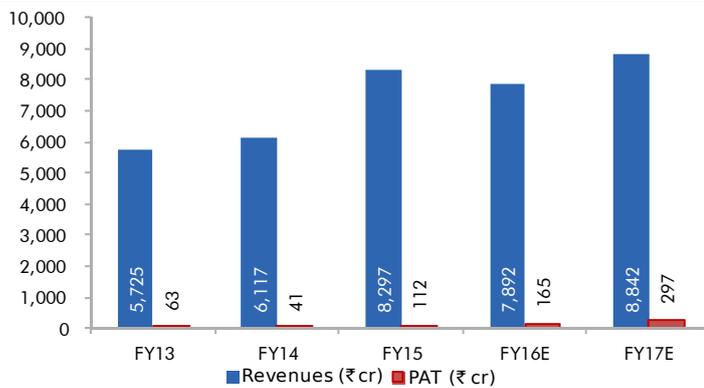
Source: Company, Angel Research

Exhibit 15: Order Book to see increased traction..



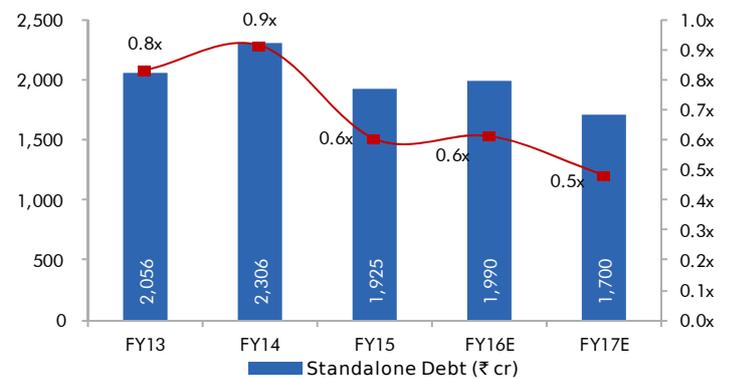
Source: Company, Angel Research

Exhibit 16: Profitability to see sharp improvement...



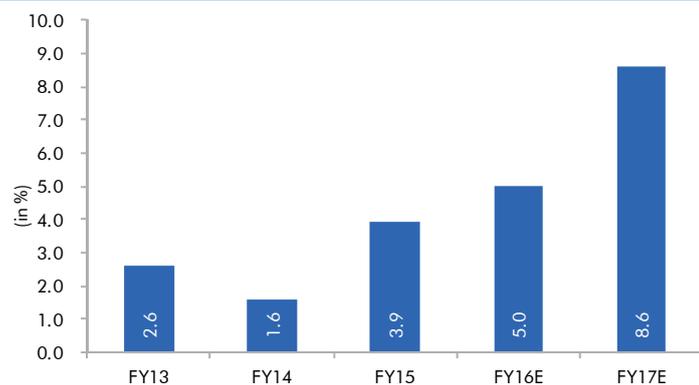
Source: Company, Angel Research

Exhibit 17: Std. D/E (to decline to 0.5x by FY2017E)



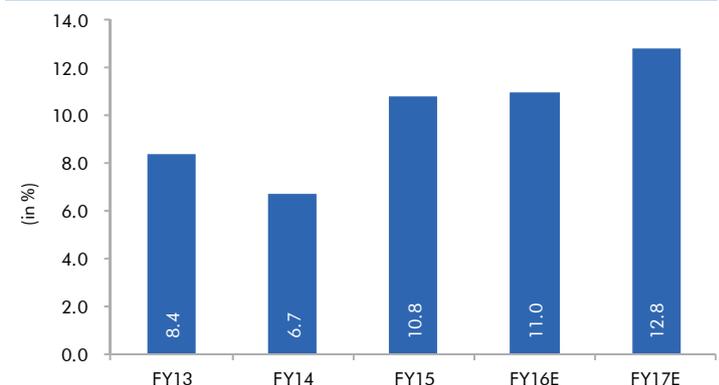
Source: Company, Angel Research

Exhibit 18: RoEs set of expand to 8.6% by FY2017E



Source: Company, Angel Research

Exhibit 19: RoCE set of expand to 12.8% by FY2017E



Source: Company, Angel Research

Profit & loss statement (Standalone)

Y/E March (₹ cr)	FY13	FY14	FY15	FY16E	FY17E
Net Sales	5,725	6,117	8,297	7,892	8,842
% Chg	9.0	6.9	35.6	(4.9)	12.0
Total Expenditure	5,254	5,712	7,648	7,197	8,038
Cost of RM Consumed	2,080	2,609	4,453	3,891	4,377
Const. & Sub-contracting Exp.	2,743	2,665	2,693	2,809	3,104
Employee benefits Expense	243	240	265	292	327
Other Expenses	188	198	237	205	230
EBITDA	471	405	649	695	805
% Chg	18.0	(14.0)	60.4	7.0	15.8
EBIDTA %	8.2	6.6	7.8	8.8	9.1
Depreciation	92	90	112	119	127
EBIT	379	315	538	575	678
% Chg	19.9	(16.8)	70.5	7.0	17.7
Interest and Fin. Charges	407	466	574	499	410
Other Income	126	154	195	170	175
PBT	98	3	159	246	443
Exceptional Items	0	0	0	0	0
Prior Period Adjustments	0	0	0	0	0
Tax	35	(38)	47	81	146
% of PBT	35.9	<i>nmf</i>	29.7	33.0	33.0
PAT	63	41	112	165	297
% Chg	74.2	(35.3)	175.9	47.5	79.9
PAT %	1.1	0.7	1.3	2.1	3.4
Basic EPS	2.4	1.6	2.0	3.0	5.3
Diluted EPS	2.4	1.6	2.0	3.0	5.3
% Chg	74.2	(35.3)	27.4	47.5	79.9

Balance sheet (Standalone)

Y/E March (₹ cr)	FY13	FY14	FY15	FY16E	FY17E
SOURCES OF FUNDS					
Equity Capital	51	51	111	111	111
Reserves Total	2,417	2,469	3,093	3,229	3,493
Shareholders Funds	2,468	2,520	3,204	3,340	3,604
Total Debt	2,056	2,306	1,925	1,990	1,700
Other Long-term Liabilities	54	63	53	63	66
Long-term Provision & Def. Tax Liab.	41	32	35	38	40
Total Liabilities	4,619	4,922	5,218	5,431	5,409
APPLICATION OF FUNDS					
Gross Block	1,107	1,155	1,215	1,305	1,413
Accumulated Depreciation	389	463	575	694	822
Net Block	719	692	640	610	592
Capital WIP	6	10	1	6	7
Investments	1,254	1,164	1,157	1,157	1,157
Inventories	1,426	1,599	1,803	1,862	1,927
Sundry Debtors	1,143	1,444	1,363	1,424	1,522
Cash and Bank Balance	80	69	113	134	199
Short-term Loans & Advances	2,113	2,817	2,755	2,785	2,810
Other Current Assets	916	957	1,314	1,335	1,384
Trade Payables	1,399	1,539	1,766	1,731	1,915
Other Current Liabilities	2,070	2,654	2,415	2,410	2,528
Short-term Provisions	40	13	34	22	25
Net Current Assets	2,170	2,680	3,134	3,378	3,374
Long-term Loans & Advances	320	256	140	130	130
Other Assets	151	119	148	150	150
Total Assets	4,619	4,922	5,218	5,431	5,409

Cash flow statement (Standalone)

Y/E March (₹ cr)	FY13	FY14	FY15	FY16E	FY17E
Profit before tax	98	3	159	246	443
Depreciation	92	90	112	119	127
Other Adjustments	(111)	(114)	(203)	(41)	(24)
Change in Working Capital	(59)	(92)	(92)	(204)	73
Interest & Financial Charges	407	466	574	499	410
Direct taxes paid	(58)	17	(36)	(81)	(146)
Cash Flow from Operations	369	370	514	539	883
(Inc)/ Dec in Fixed Assets	(45)	(68)	(50)	(95)	(110)
(Inc)/ Dec in Invest. & Int. received	112	(105)	(29)	83	24
Cash Flow from Investing	67	(173)	(79)	(12)	(86)
Inc./ (Dec.) in Borrowings	(9)	250	(479)	65	(290)
Issue/ (Buy Back) of Equity	0	0	594	0	0
Dividend Paid (Incl. Tax)	(9)	(9)	(6)	(29)	(33)
Finance Cost	(405)	(457)	(518)	(499)	(410)
Cash Flow from Financing	(423)	(217)	(409)	(464)	(732)
Inc./ (Dec.) in Cash	13	(20)	26	63	65
Opening Cash balances	52	65	45	71	134
Closing Cash balances	65	45	71	134	199

Key ratios

Y/E March	FY13	FY14	FY15	FY16E	FY17E
Valuation Ratio (x)					
P/E (on FDEPS)	31.7	49.0	38.5	26.1	14.5
P/CEPS	12.8	15.3	19.2	15.1	10.2
Dividend yield (%)	2.6	3.9	1.9	1.7	1.5
EV/Sales	0.7	0.7	0.7	0.8	0.7
EV/EBITDA	8.4	10.4	9.4	8.9	7.2
EV / Total Assets	0.9	0.9	1.2	1.1	1.1
Per Share Data (₹)					
EPS (Basic)	1.4	1.6	2.0	3.0	5.3
EPS (fully diluted)	1.4	1.6	2.0	3.0	5.3
Cash EPS	6.0	5.1	4.0	5.1	7.6
DPS	0.3	0.2	0.4	0.5	0.5
Book Value	96	98	58	60	65
Returns (%)					
RoCE (Pre-tax)	8.4	6.7	10.8	11.0	12.7
Angel RoIC (Pre-tax)	8.5	6.6	10.7	11.1	13.3
RoE	2.6	1.6	3.9	5.0	8.5
Turnover ratios (x)					
Asset Turnover (Gross Block) (x)	5.1	5.4	7.0	6.3	6.5
Inventory / Sales (days)	86	90	75	85	78
Receivables (days)	79	77	62	64	61
Payables (days)	243	246	201	212	196
NWC days	113	124	108	126	115
Leverage Ratios (x)					
D/E ratio (x)	0.8	0.9	0.6	0.6	0.5
Debt/ EBITDA ratio (x)	4.4	5.7	3.0	2.9	2.1
Interest Coverage Ratio (x)	0.9	0.7	0.9	1.2	1.7

Research Team Tel: 022 - 39357800

 E-mail: research@angelbroking.com

 Website: www.angelbroking.com

DISCLAIMER

Angel Broking Private Limited (hereinafter referred to as "Angel") is a registered Member of National Stock Exchange of India Limited, Bombay Stock Exchange Limited and Metropolitan Stock Exchange of India Limited. It is also registered as a Depository Participant with CDSL and Portfolio Manager with SEBI. It also has registration with AMFI as a Mutual Fund Distributor. Angel Broking Private Limited is a registered entity with SEBI for Research Analyst in terms of SEBI (Research Analyst) Regulations, 2014 vide registration number INH000000164. Angel or its associates has not been debarred/ suspended by SEBI or any other regulatory authority for accessing /dealing in securities Market. Angel or its associates including its relatives/analyst do not hold any financial interest/beneficial ownership of more than 1% in the company covered by Analyst. Angel or its associates/analyst has not received any compensation / managed or co-managed public offering of securities of the company covered by Analyst during the past twelve months. Angel/analyst has not served as an officer, director or employee of company covered by Analyst and has not been engaged in market making activity of the company covered by Analyst.

This document is solely for the personal information of the recipient, and must not be singularly used as the basis of any investment decision. Nothing in this document should be construed as investment or financial advice. Each recipient of this document should make such investigations as they deem necessary to arrive at an independent evaluation of an investment in the securities of the companies referred to in this document (including the merits and risks involved), and should consult their own advisors to determine the merits and risks of such an investment.

Reports based on technical and derivative analysis center on studying charts of a stock's price movement, outstanding positions and trading volume, as opposed to focusing on a company's fundamentals and, as such, may not match with a report on a company's fundamentals.

The information in this document has been printed on the basis of publicly available information, internal data and other reliable sources believed to be true, but we do not represent that it is accurate or complete and it should not be relied on as such, as this document is for general guidance only. Angel Broking Pvt. Limited or any of its affiliates/ 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. Angel Broking Pvt. Limited has not independently verified all the information contained within this document. Accordingly, we cannot testify, nor make any representation or warranty, express or implied, to the accuracy, contents or data contained within this document. While Angel Broking Pvt. Limited endeavors to update on a reasonable basis the information discussed in this material, there may be regulatory, compliance, or other reasons that prevent us from doing so.

This document is being supplied to you solely for your information, and its contents, information or data may not be reproduced, redistributed or passed on, directly or indirectly.

Neither Angel Broking Pvt. Limited, nor its directors, employees or affiliates shall be liable for any loss or damage that may arise from or in connection with the use of this information.

Note: Please refer to the important 'Stock Holding Disclosure' report on the Angel website (Research Section). Also, please refer to the latest update on respective stocks for the disclosure status in respect of those stocks. Angel Broking Pvt. Limited and its affiliates may have investment positions in the stocks recommended in this report.

Disclosure of Interest Statement	NCC
1. Analyst ownership of the stock	No
2. Angel and its Group companies ownership of the stock	No
3. Angel and its Group companies' Directors ownership of the stock	No
4. Broking relationship with company covered	No

Note: We have not considered any Exposure below ₹1 lakh for Angel, its Group companies and Directors

Ratings (Based on expected returns over 12 months investment period):	Buy (> 15%)	Accumulate (5% to 15%) Reduce (-5% to -15%)	Neutral (-5 to 5%) Sell (< -15)
--	-----------------------	--	---