# Infosys | BUY

# Back in the groove

Infosys (INFO) reported a strong 4.2% QoQ constant currency (CC) revenue growth in 2QFY19 with an impressive operational construct – highest volume growth in the last 10 quarters (+3.2% QoQ) + highest ever large deal wins (USD 2bn) + highest headcount addition in the last 3 years. Management was optimistic about demand momentum sustaining in the core BFSI and Retail verticals. Thus, while the retention of FY19 CC revenue growth guidance could disappoint some, we see it more as a return to the traditional conservatism than a suggestion of any near-term headwind. On margins too, the QoQ flat EBIT margin in 2QFY19 + a static FY19 EBIT margin guidance indicate a preference to use the INR depreciation to build a buffer for managing potential cost pressures. Thus, the net impact on our FY19/FY20 EPS estimates is minimal. We expect the improving execution (CC growth was ahead of TCS after 4 quarters) + the 6.2% dividend + potential buyback yield could help the stock narrow the PER gap (18%) vs. TCS. BUY.

- 2QFY19 Revenue impress, margin compress: Consolidated revenue grew 3.2% QoQ to USD 2.92bn; CC growth (4.2%) was significantly ahead of our/consensus estimates (3%). Volume growth was strong (2.8%) and blended CC pricing was stable (+1% QoQ). However, EBIT margin was flat QoQ (vs. our/street's expectation of an increase) as currency gains (+80bps) and operational efficiencies (+70bps) were offset by wage hike/higher variable payouts (-100bps) and higher subcontracting/planned investments (-50bps). Thus, EBIT was c1% below our estimates. PAT at INR 41.1bn was marginally ahead of estimates due to higher translation gains.
- Demand picture is incrementally better: INFO indicated a strong demand outlook, recovery in large accounts after the softness in recent quarters, and healthy new logo additions, especially in the BFS. Further, 63% of USD 2bn+ TCV win in 2QFY19 was new-business + integration of Fluido acquisition (after WongDoody in 1QFY19) could add a combined c.USD40mn (JMFe). While the FY19 revenue growth guidance was left unchanged and the revenue impact of deal wins would come with a lag, a good FY19 exit could provide a base for a stronger FY20. We have raised our FY19/FY20 USD revenue estimates by c1% each.
- ...But a conservative margin outlook dampens expectations: We believe INFO could be retaining the currency gains to smoothen the impact of potential cost pressures (such as onsite capacity addition, higher subcontracting, and salary pressures for in-demand skill-sets) that typically follow a turnaround in demand recovery. Transition costs in recently won large deals could also pose a headwind. This could impair the recent currency-reset led consensus upgrades even though changes in our FY19/FY20 EPS estimates are minimal (0%/1%) given our conservative margin stance.
- Maintain BUY. We believe a visible return of operational stability + buoyant management commentary should sustain the interest in the stock; expectations for an INR 104bn potential buy-back in early 2019 could also help. Thus, we maintain our preference of INFO over TCS [TCS IN; HOLD] despite the comparable returns over the last 6 months. Our PT moves to 810 and values INFO at 18x 12-month forward PER.

Financial Summary					(INR mn)
Y/E March	FY17A	FY18A	FY19E	FY20E	FY21E
Net Sales	6,84,850	7,05,220	8,35,496	9,32,346	10,17,357
Sales Growth	9.7%	3.0%	18.5%	11.6%	9.1%
EBITDA	1,86,050	1,90,100	2,18,372	2,44,587	2,68,976
EBITDA Margin	27.2%	27.0%	26.1%	26.2%	26.4%
Adjusted Net Profit	1,43,530	1,60,280	1,63,300	1,83,263	2,04,270
Diluted EPS (INR)	31.4	35.5	37.5	42.1	46.9
Diluted EPS Growth	6.4%	13.1%	5.7%	12.2%	11.5%
ROIC	42.6%	43.1%	43.4%	47.1%	49.8%
ROE	22.0%	23.9%	24.5%	25.3%	25.3%
P/E (x)	22.1	19.6	18.5	16.5	14.8
P/B (x)	4.6	4.8	4.4	4.0	3.6
EV/EBITDA (x)	30.7	30.4	26.3	23.2	20.9
Dividend Yield	1.9%	2.4%	1.9%	2.9%	3.3%

Source: Company data, JM Financial. Note: Valuations as of 16/Oct/2018



Pankaj Kapoor pankaj.kapoor@jmfl.com | Tel: (91 22) 66303089 Parth Thakkar parth.thakkar@jmfl.com | Tel: (91 22) 66301880

Recommendation and Price Target	
Current Reco.	BUY
Previous Reco.	BUY
Current Price Target (12M)	810
Upside/(Downside)	16.5%
Previous Price Target	800
Change	1.3%

Key Data – INFO IN	
Current Market Price	INR695
Market cap (bn)	INR3,037.1/US\$41.3
Free Float	77%
Shares in issue (mn)	8,694.1
Diluted share (mn)	4,351.8
3-mon avg daily val (mn)	INR6,405.8/US\$87.2
52-week range	755/454
Sensex/Nifty	35,162/10,585
INR/US\$	73.5

Price Performar	nce		
%	1M	6M	12M
Absolute	-5.2	23.7	49.3
Relative*	2.7	20.7	38.5

\* To the BSE Sensex

JM Financial Research is also available on: Bloomberg - JMFR <GO>, Thomson Publisher & Reuters S&P Capital IQ and FactSet

Please see Appendix I at the end of this report for Important Disclosures and Disclaimers and Research Analyst Certification.

Exhibit 1. Key financials							
(INR mn)	2QFY18	3QFY18	4QFY18	FY18	1QFY19	2QFY19	Comments
Consolidated revenues (USDmn)	2,728	2,755	2,805	10,939	2,831	2,921	
Change (QoQ/ YoY)	2.9%	1.0%	1.8%	7.2%	0.9%	3.2%	
Consolidated revenues (INR mn)	1,75,670	1,77,940	1,80,830	7,05,220	1,91,280	2,06,090	<ul> <li>In terms of cc, revenue grew c.4.2% QoQ in</li> </ul>
Change (QoQ/ YoY)	2.9%	1.3%	1.6%	3.0%	12.0%	7.7%	2QFY19
Cost of revenue	1,07,710	1,09,520	1,10,960	4,32,690	1,18,520	1,28,180	<ul> <li>Growth in revenue was supported by 2.8% QoQ</li> </ul>
Gross profit	67,960	68,420	69,870	2,72,530	72,760	77,910	growth in volume while price realisation was up
Gross margin	38.7%	38.5%	38.6%	38.6%	38.0%	37.8%	+1% QoQ
Total operating expenses	20,940	20,250	20,570	82,430	23,030	24,340	- FRIT margin was flat at 22.70/ Oco Margin
EBITDA	47,020	48,170	49,300	1,90,100	49,730	53,570	EBIT margin was flat at 23.7% QoQ. Margin
EBITDA margin	26.8%	27.1%	27.3%	27.0%	26.0%	26.0%	tailwinds being currency (+80bps), better pricing and improved onsite/offshore mix (+70bps),
Depreciation & amortization	4,560	4,980	4,580	18,620	4,360	4,630	offset by higher subcontracting charges (-50bps)
EBIT	42,460	43,190	44,720	1,71,480	45,370	48,940	and compensation hikes, variable pay and
EBIT margin	24.2%	24.3%	24.7%	24.3%	23.7%	23.7%	employee centric investments (-100bps)
Other income	8,830	9,620	5,340	31,220	4,560	7,390	Adjusted for reduction in Fair value of Panaya
Profit Before Tax	51,290	52,810	50,060	2,02,700	49,930	56,330	investments, PAT rose 6% QoQ.
Income tax expense	14,030	1,520	13,160	42,420	13,810	15,230	
Net income from operations	37,260	51,290	36,900	1,60,280	36,120	41,100	<ul> <li>Adjusted for the Panaya write-off, EPS improved</li> </ul>
Share of minority interest	0	0	0	0	0	0	5.8% QoQ
PAT	37,260	51,290	36,900	1,60,280	36,120	41,100	
Change (QoQ/ YoY)	7.0%	37.7%	-28.1%	11.7%	3.7%	13.8%	
Adjusted Diluted EPS	8.1	11.3	8.5	35.5	8.3	9.4	
Change (QoQ/ YoY)	7.0%	38.3%	-24.7%	13.2%	-2.1%	13.8%	

Source: Company, JM Financial

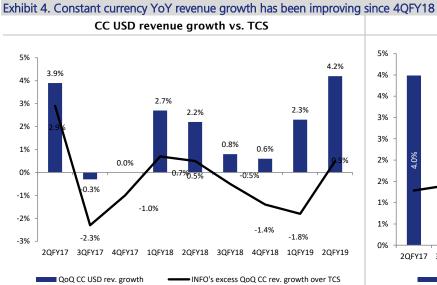
## Management commentary: Key takeaways

- Vertical commentary. BFSI Client-specific issues in FS are behind and INFO sees momentum among clients in both the US and Europe; spending in the US banks is recovering aided by tax cuts and rise in the interest rates.. Retail —2QFY19 growth in retail was driven by digital deals; INFO is seeing strong momentum in Retail despite the structural shifts and notwithstanding the seasonal softness in 3QFY19. Communications INFO expect near-term growth to remain strong due to recent deal wins, though 3QY19 is likely to be impacted by transition and seasonal factors. Energy, utilities, resources and services INFO expressed uptick in growth from Energy side due to ramp-ups in previous deal wins with oil prices working as a tailwind to players in the value chain. Manufacturing INFO highlighted of a momentum witnessed in automotive and industrial manufacturing in Europe and aerospace in America
- Margins outlook. The target margin was retained at 22-24%; the earlier guided investments in digital/onsite capacity built are likely to be higher in 2HFY19. Thus, while there are currency tailwinds + digital deals have a higher margin profile; INFO expects medium-term margins to be stable in 22-24% band given the increased employee-related investments (higher wages for in-demand skills/higher variable pay to retain attrition).
- **Deal wins.** INFO won 12 large deals with combined TCV of USD 2,039 mn in 2QFY19 of which 7 were in North America and 4 was in Europe. Among verticals, 3 were in FS, 3 in Manufacturing; 2 in Hi-tech, one in Retail and Communications.
- Digital. Digital grew c.13.5%QoQ in CC terms in 2QFY19 to 31% revenue share. The company indicated large digital-led deal pipeline. INFO sees a strong demand in cloud, IoT, cybersecurity and data analytics.
- Others. 2QFY19 OCF was affected by the USD 76mn of tax outgo on account of the conclusion of an Advance Pricing Agreement (APA) earlier in the year. INFO maintains the capital allocation policy to return up to 70% of the FCF to the shareholders (an interim dividend of INR 7 per share in 2QFY19) and the allocation of USD 1.6bn for a potential buy-back in early 2019 post the expiry of the 12-month regulatory moratorium.

Exhibit 2. Movement in margin drivers						
	2QFY18	1QFY19	2QFY19	Change	(%)	Comments
				QoQ	YoY	
INR/USD	64.40	67.57	70.55	4.4%	9.6%	
Consolidated revenues (INR mn)	1,75,670	1,91,280	2,06,090	7.7%	17.3%	
IT services revenues (INR mn)	1,57,576	1,71,769	1,84,451	7.4%	17.1%	<ul> <li>Operating margin of 23.7% was flat QoQ at the</li> </ul>
A. EXECUTION METRICS						, , ,
Utilisation (ex-trainees)	84.7%	85.7%	85.6%	-10bp	94bp	upper end of FY19 guided range of 22%-24%
Average realization (USD/person-month)						5740
- Onsite	12,279	12,347	12,322	-0.2%	0.3%	<ul> <li>FY19 operating margin guidance was retained at</li> </ul>
- Offshore	4,081	4,050	4,083	0.8%	0.0%	22%-24% due to planned digital investments
- Blended	6,489	6,423	6,423	0.0%	-1.0%	during the second half of the fiscal.
Billed effort- IT + Cons. (person-month)						
- Onsite	1,11,930	1,14,966	1,14,162	-0.7%	2.0%	<ul> <li>Wage hike was given to remaining c.15% of the</li> </ul>
- Offshore	2,69,202	2,87,013	2,87,817	0.3%	6.9%	employees w.e.f. 1Jul'18 which resulted in
- Total	3,81,132	4,01,980	4,01,980	0.0%	5.5%	100bps impact on the margins
B. COST DRIVERS						
Wage costs	85,830	93,480	99,760	6.7%	16.2%	<ul> <li>Sub-contracting costs increased to 7.4% of the</li> </ul>
As % of revenues	48.9%	48.9%	48.4%	-1.0%	-0.9%	revenue from 6.8% to fulfil short notice client
Other cost of revenues	21,880	25,040	28,420	13.5%	29.9%	
As % of revenues	12.5%	13.1%	13.8%	70bp	133bp	requests in major accounts
Gross profit	67,960	72,760	77,910	7.1%	14.6%	
Gross margin	38.7%	38.0%	37.8%	-23bp	-88bp	<ul> <li>Management expects margins to remain in the</li> </ul>
Sales and marketing expenses	8,460	10,050	10,880	8.3%	28.6%	guided range as the company continues to invest
As % of revenues	4.8%	5.3%	5.3%	3bp	46bp	in new technologies and talent retention.
G&A expenses	12,480	12,980	13,460	3.7%	7.9%	
As % of revenues	7.1%	6.8%	6.5%	-25bp	-57bp	
EBITDA	47,020	49,730	53,570	7.7%	13.9%	
EBITDA margin	26.8%	26.0%	26.0%	-1bp	-77bp	

Source:	Company,	, Jivi Financiai	

	2QFY18	3QFY18	4QFY18	1QFY19	2QFY19	Comments
Manpower base						<ul> <li>Revenue per employee increased to USD 54,700</li> </ul>
Total (Infosys cons)	1,98,440	2,01,691	2,04,107	2,09,905	2,17,739	which was flat QoQ
Cons IT services	1,65,470	1,68,265	1,70,361	1,75,247	1,82,022	Which was hat QoQ
BPO services	32,970	33,426	33,746	34,658	35,717	- Halling for Anning and Annange of Anning Hilling
Net addition	-113	3,251	2,416	5,798	7,834	<ul> <li>Utilisation (ex-trainees) contracted marginally by</li> </ul>
As % of opening base	-0.1%	1.6%	1.2%	2.8%	3.7%	10bps QoQ to 85.6%
Utilisation (IT Services & consulting) – Incl. trainees	81.8%	82.1%	80.8%	81.5%	80.2%	
Utilisation (IT Services & consulting) – Excl. trainees	84.7%	84.9%	84.7%	85.7%	85.6%	<ul> <li>High attrition was partly attributed to seasonality</li> </ul>
Attrition (TTM) - Infosys cons	19.5%	19.5%	20.1%	20.7%	20.9%	with bulk of attrition in the experience range of
Attrition (QA) - Infosys India	17.2%	15.8%	16.6%	20.6%	19.9%	3-5years



QoQ Volume growth + Revenue per FTE

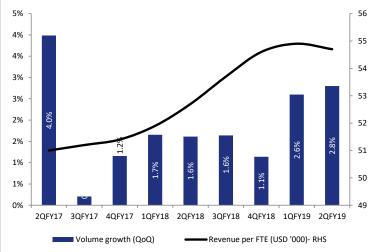
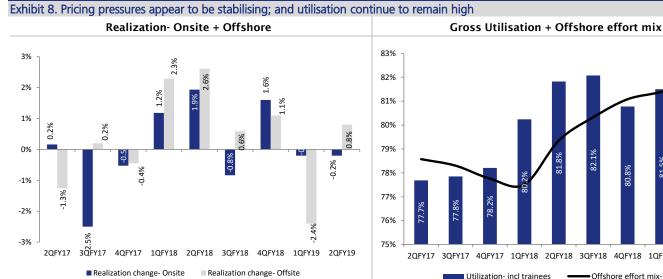


Exhibit 5. Revenue by offering						
	2QFY18	3QFY18	4QFY18	1QFY19	2QFY19	Comments
Revenue share (%)						
Services						
Digital	23.6%	24.2%	25.3%	26.7%	28.9%	
Core	71.2%	70.4%	69.8%	68.5%	66.0%	
Total	94.8%	94.6%	95.1%	95.2%	94.9%	
Products and platforms						
Digital	1.6%	1.9%	1.5%	1.7%	2.1%	<ul> <li>Digital revenues now comprise 31% of the total</li> </ul>
Core	3.6%	3.5%	3.4%	3.1%	3.0%	revenues growing by 13.5% QoQ in cc terms
Total	5.2%	5.4%	4.9%	4.8%	5.1%	
Consolidated						and 33.5% YoY
Digital	25.2%	26.1%	26.8%	28.4%	31.0%	
Core	74.8%	73.9%	73.2%	71.6%	69.0%	<ul> <li>While digital revenues grew 12.6% QoQ on</li> </ul>
Revenue (USD mn and QoQ growth)						reported basis, core services remained flat
Services						
Digital	644	667	710	756	844	<ul> <li>Products and platforms increased by 10% QoQ</li> </ul>
Change QoQ	8.4%	3.6%	6.4%	6.5%	11.7%	on reported basis while Services business grew
Core	1,942	1,940	1,958	1,939	2,772	by 3% in the same period
Change QoQ	1.5%	-0.1%	0.9%	-1.0%	2.9%	,
Total	2,586	2,606	2,668	2,695	3,616	<ul> <li>INFO stated strong deal pipeline and increasing</li> </ul>
Change QoQ	3.1%	0.8%	2.4%	1.0%	4.8%	spend of US banks
Products and Platforms						spend of 03 banks
Digital	44	52	42	48	61	<ul> <li>INFO stated that a large part of the new deal</li> </ul>
Change QoQ	9.8%	19.9%	-19.6%	14.4%	27.5%	5 .
Core	98	96	95	88	88	wins for the quarter involved digital and also
Change QoQ	-5.0%	-1.8%	-1.1%	-8.0%	-0.1%	that the deal sizes are getting bigger
Total	142	149	137	136	149	
Change QoQ	-0.9%	4.9%	-7.6%	-1.1%	9.6%	
Consolidated						
Digital	687	719	752	804	906	
Change QoQ	8.5%	4.6%	4.5%	7.0%	12.6%	
Core	2,041	2,036	2,053	2,027	2,015	
Change QoQ	1.1%	-0.2%	0.9%	-1.3%	-0.6%	
Total	2,728	2,755	2,805	2,831	2,921	
Change QoQ	2.9%	1.0%	1.8%	0.9%	3.2%	

Exhibit 6. Vertical portfolio	2QFY18	3QFY18	4QFY18	1QFY19	20FY19	Comments
Distribution	201110	JQITIO	<del>1</del> Q(110	TQLLIS	201113	Commens
Financial Services	33.1%	32.8%	32.5%	31.8%	32.2%	
Retail and CPG	16.0%	16.2%	15.9%	16.6%	16.8%	
Communications	12.4%	12.4%	12.9%	12.7%	12.3%	
	11.7%	12.4%	12.0%	12.7%	12.3%	5' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '
Energy, Utilities, Resources and Services	9.4%	9.6%	9.6%	9.6%	9.6%	<ul> <li>Financial services increased by 4.6% QoQ mainly</li> </ul>
Manufacturing	7.2%	7.2%	7.4%	7.4%	7.5%	due to recovery in the US BFSI and broadbased
Hi Tech					6.4%	recovery in other geography as well. INFO stated
Life Sciences	6.8%	6.6%	6.7%	6.6%		that 3 out of the 12 large deal wins came from
Others	3.4%	3.2%	2.9%	2.9%	2.9%	Financial services space.
Revenue (USDmn and QoQ growth)			0.4.5			Titalicial services space.
Financial Services	903	904	913	899	941	<ul> <li>Communication was weak, however, INFO stated</li> </ul>
change QoQ	3.3%	0.1%	1.0%	-1.5%	4.6%	that of strong pipeline in the communication
Retail	435	447	447	469	491	segment with 5G being an opportunity
change QoQ	1.1%	2.7%	-0.1%	5.0%	4.6%	segment with 5d being an opportunity
Communications	339	343	362	360	359	<ul> <li>Retail &amp; CPG continues to witness strong growth</li> </ul>
change QoQ	1.6%	1.0%	5.6%	-0.6%	-0.1%	of 4.6% QoQ with with sud segments in retail
Energy, Utilities, Resources and Servcies	320	331	337	351	359	
change QoQ	6.6%	3.4%	1.9%	4.3%	2.3%	continuing to see significant shift
Manufacturing	256	263	269	272	280	Energy vertical grew on account of ramp ups in
change QoQ	3.7%	3.0%	2.2%	1.0%	3.2%	Energy vertical grew on account of ramp aps in
Hi Tech	197	198	207	211	219	some previous deal wins. High crude oil prices
change QoQ	1.4%	0.8%	4.6%	1.6%	4.1%	continue to be a tailwind for the clients.
Life Sciences	185	181	188	186	187	
change QoQ	5.8%	-2.2%	4.1%	-0.9%	0.3%	
Others	93	88	82	83	85	
change QoQ	-4.1%	-5.1%	-7.1%	1.3%	1.9%	

Exhibit 7. Key client metrics						
	2QFY18	3QFY18	4QFY18	1QFY19	2QFY19	Comments
Client base						
Active clients	1,173	1,191	1,204	1,214	1,222	
Net client addition	9	18	13	10	8	
Clients attrition	63	61	60	273	65	
Revenue per active client (USD mn)	2.33	2.31	2.33	2.33	2.39	
Revenue concentration						■ 12 large deals were signed in the quarter with a
Top client	3.4%	3.4%	3.6%	3.7%	3.9%	combined TCV of USD 2.03bn; 7 of these large
Top 10 clients	19.5%	19.2%	19.2%	19.2%	19.4%	deals were in North America
Non-Top10 clients	80.5%	80.8%	80.8%	80.8%	80.6%	
Repeat business	98.7%	98.3%	97.6%	99.5%	98.2%	<ul> <li>Gross client additions were strong at 73</li> </ul>
Revenue growth						• 63% of the large deals signed in the guarter are
Top client	6.0%	1.0%	7.8%	3.7%	8.8%	net-new deals
Top-10 clients	0.3%	-0.6%	1.8%	0.9%	4.3%	net-new deats
Non-top-10 clients	3.5%	1.4%	1.8%	0.9%	2.9%	■ The 10 largest accounts grew at 5%QoQ, faster
Repeat business	2.2%	0.6%	1.1%	2.9%	1.8%	than the company.
Relationship distribution						
USD 1mn+ Clients	620	630	634	627	633	<ul> <li>INFO stated that many clients in the US banking</li> </ul>
Change QoQ	14	10	4	-7	6	space are increasing their spending on account of
USD 10mn+ Clients	159	198	198	200	205	tax cuts and increased interest rates
Change QoQ	-31	39	0	2	5	
USD 50mn+ Clients	55	56	57	56	58	
Change QoQ	-1	1	1	-1	2	
USD 100mn+ Clients	19	20	20	24	23	
Change QoQ	1	1	0	4	-1	

Source: Company, JM Financial



72% 72% 71% 71% 70% 70% 69% 2QFY17 3QFY17 4QFY17 1QFY18 2QFY18 3QFY18 4QFY18 1QFY19 2QFY19 Offshore effort mix- RHS Utilization- incl trainees

# Maintain BUY; target price revised to INR 810

Exhibit 9. What has changed in our forecasts and assumptions?										
		Old			New		Change			
	FY19E	FY20E	FY21E	FY19E	FY20E	FY21E	FY19E	FY20E	FY21E	
Exchange rate (INR/USD)	70.61	72.00	72.00	71.08	73.00	73.00	0.7%	1.4%	1.4%	
Consolidated revenue (USD mn)	11,677	12,674	13,807	11,754	12,772	13,936	0.7%	0.8%	0.9%	
Growth in USD revenues (YoY)	6.7%	8.5%	8.9%	7.4%	8.7%	9.1%	70bp	12bp	18bp	
Consolidated revenue (INR mn)	8,24,481	9,12,527	9,94,106	8,35,496	9,32,346	10,17,357	1.3%	2.2%	2.3%	
EBITDA margin	26.7%	26.7%	26.9%	26.1%	26.2%	26.4%	-55bp	-44bp	-46bp	
EBIT margin	24.4%	24.4%	24.7%	23.9%	24.1%	24.4%	-47bp	-22bp	-24bp	
PAT (INR mn)	1,63,267	1,81,550	2,03,543	1,63,300	1,83,263	2,04,270	0.0%	0.9%	0.4%	
EPS	37.5	41.7	46.8	37.5	42.1	46.9	0.0%	0.9%	0.3%	

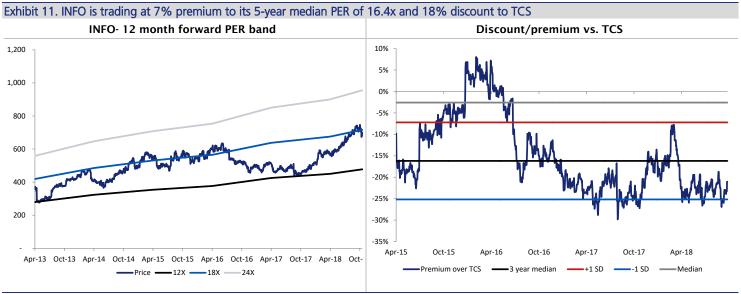
Source: JM Financial

Exhibit 10. How we differ from consensus									
	Consensus estimates		es	JMFe			Difference		
	FY19E	FY20E	FY21E	FY19E	FY20E	FY21E	FY19E	FY20E	FY21E
Sales (INR mn)	8,10,377	8,92,346	9,80,752	8,35,496	9,32,346	10,17,357	3.1%	4.5%	3.7%
EBITDA (INR mn)	2,12,344	2,33,786	2,56,284	2,18,372	2,44,587	2,68,976	2.8%	4.6%	5.0%
EBITDA margin	26.2%	26.2%	26.1%	26.1%	26.2%	26.4%	-7bp	3bp	31bp
Net Income (INR mn)	1,58,252	1,76,648	1,90,136	1,63,300	1,83,263	2,04,270	3.2%	3.7%	7.4%
EPS (INR)	37.0	40.8	45.0	37.5	42.1	46.9	1.4%	3.3%	4.3%

Source: JM Financial, Bloomberg

### **Key Risks**

- Key downside risks to our price target are: (1) INR appreciation beyond the levels we currently assume and/or adverse cross-currency movements; (2) a further economic slowdown in key markets, affecting the corporate IT spending pattern and volumes; (3) higher-than-expected pricing pressures;
- Upside could come from: (1) INR depreciation more than the level we assume; (2) faster-than-anticipated recovery in project awards/ramp-ups or large deal wins ahead of numbers or contract value factored into our estimates; and (3) acquisitions/large deal wins not currently built into our model.



Source: JM Financial, Bloomberg

# Financial Tables (Consolidated)

Income Statement					(INR mn)
Y/E March	FY17A	FY18A	FY19E	FY20E	FY21E
Net Sales	6,84,850	7,05,220	8,35,496	9,32,346	10,17,357
Sales Growth	9.7%	3.0%	18.5%	11.6%	9.1%
Other Operating Income	0	0	0	0	0
Total Revenue	6,84,850	7,05,220	8,35,496	9,32,346	10,17,357
Cost of Goods Sold/Op. Exp	4,15,500	4,32,690	5,18,590	5,79,812	6,31,919
Personnel Cost	0	0	0	0	0
Other Expenses	83,300	82,430	98,534	1,07,948	1,16,462
EBITDA	1,86,050	1,90,100	2,18,372	2,44,587	2,68,976
EBITDA Margin	27.2%	27.0%	26.1%	26.2%	26.4%
EBITDA Growth	8.9%	2.2%	14.9%	12.0%	10.0%
Depn. & Amort.	17,030	18,620	18,700	19,514	20,354
EBIT	1,69,020	1,71,480	1,99,672	2,25,072	2,48,622
Other Income	30,540	31,220	24,506	26,835	32,161
Finance Cost	0	0	0	0	0
PBT before Excep. & Forex	1,99,560	2,02,700	2,24,178	2,51,907	2,80,784
Excep. & Forex Inc./Loss(-)	0	0	0	0	0
PBT	1,99,560	2,02,700	2,24,178	2,51,907	2,80,784
Taxes	55,980	42,420	60,878	68,645	76,514
Extraordinary Inc./Loss(-)	0	0	0	0	0
Assoc. Profit/Min. Int.(-)	50	0	0	0	0
Reported Net Profit	1,43,530	1,60,280	1,63,300	1,83,263	2,04,270
Adjusted Net Profit	1,43,530	1,60,280	1,63,300	1,83,263	2,04,270
Net Margin	21.0%	22.7%	19.5%	19.7%	20.1%
Diluted Share Cap. (mn)	4,572.3	4,512.9	4,351.8	4,352.2	4,352.2
Diluted EPS (INR)	31.4	35.5	37.5	42.1	46.9
Diluted EPS Growth	6.4%	13.1%	5.7%	12.2%	11.5%
Total Dividend + Tax	70,853	90,980	70,710	1,04,765	1,20,479
Dividend Per Share (INR)	12.9	16.7	13.5	20.0	23.0

Balance Sheet					(INR mn)
Y/E March	FY17A	FY18A	FY19E	FY20E	FY21E
Shareholders' Fund	6,89,820	6,49,240	6,85,250	7,63,872	8,47,805
Share Capital	11,440	10,880	21,760	21,760	21,760
Reserves & Surplus	6,78,380	6,38,360	6,63,490	7,42,112	8,26,045
Preference Share Capital	0	0	0	0	0
Minority Interest	0	0	0	0	0
Total Loans	0	0	0	0	0
Def. Tax Liab. / Assets (-)	-3,330	-7,410	-8,860	-8,860	-8,860
Total - Equity & Liab.	6,86,490	6,41,830	6,76,390	7,55,012	8,38,945
Net Fixed Assets	1,61,440	1,46,010	1,50,860	1,56,276	1,61,518
Gross Fixed Assets	2,10,730	2,24,530	2,44,219	2,69,151	2,94,746
Intangible Assets	36,520	22,110	24,960	24,960	24,960
Less: Depn. & Amort.	85,810	1,00,630	1,18,320	1,37,834	1,58,188
Capital WIP	0	0	0	0	0
Investments	64,530	57,560	51,650	51,650	51,650
Current Assets	6,02,180	5,82,510	6,52,689	7,42,020	8,35,215
Inventories	0	0	0	0	0
Sundry Debtors	1,59,700	1,74,030	2,11,976	2,32,017	2,53,172
Cash & Bank Balances	3,25,950	2,62,250	2,92,817	3,57,166	4,24,144
Loans & Advances	0	0	0	0	0
Other Current Assets	1,16,530	1,46,230	1,47,896	1,52,837	1,57,899
Current Liab. & Prov.	1,41,660	1,44,250	1,78,808	1,94,935	2,09,438
Current Liabilities	5,200	10,140	16,000	16,000	16,000
Provisions & Others	1,36,460	1,34,110	1,62,808	1,78,935	1,93,438
Net Current Assets	4,60,520	4,38,260	4,73,880	5,47,086	6,25,777
Total – Assets	6,86,490	6,41,830	6,76,390	7,55,012	8,38,945

Source: Company, JM Financial

Dupont Analysis
Y/E March

Net Margin

RoE

Asset Turnover (x)

Leverage Factor (x)

**Key Ratios** 

Inventory days

Creditor days

Source: Company, JM Financial

Cash Flow Statement					(INR mn)
Y/E March	FY17A	FY18A	FY19E	FY20E	FY21E
Profit before Tax	1,43,530	1,60,290	1,63,300	1,83,263	2,04,270
Depn. & Amort.	17,030	18,630	18,700	19,514	20,354
Net Interest Exp. / Inc. (-)	-3,480	-8,290	-7,130	-7,413	-8,798
Inc (-) / Dec in WCap.	-19,440	-1,060	-15,886	-11,428	-14,321
Others	59,520	44,310	60,878	68,645	76,514
Taxes Paid	-56,530	-68,290	-66,966	-75,509	-84,165
Operating Cash Flow	1,40,630	1,45,590	1,52,896	1,77,071	1,93,854
Capex	-27,600	-19,980	-23,549	-24,931	-25,596
Free Cash Flow	1,13,030	1,25,610	1,29,347	1,52,140	1,68,258
Inc (-) / Dec in Investments	-1,43,620	48,440	0	0	0
Others	480	2,650	0	0	0
Investing Cash Flow	-1,70,740	31,110	-23,549	-24,931	-25,596
Inc / Dec (-) in Capital	0	50	0	0	0
Dividend + Tax thereon	-69,390	-74,640	0	0	0
Inc / Dec (-) in Loans	0	0	0	0	0
Others	0	-1,30,460	0	0	0
Financing Cash Flow	-69,390	-2,05,050	0	0	0
Inc / Dec (-) in Cash	-99,500	-28,350	1,29,347	1,52,140	1,68,258
Opening Cash Balance	3,27,720	3,25,950	2,62,250	2,92,817	3,57,166
Closing Cash Balance	2,28,220	2,97,600	3,91,597	4,44,957	5,25,424

Y/E March	FY17A	FY18A	FY19E	FY20E	FY21E
BV/Share (INR)	150.9	143.5	157.5	175.5	194.8
ROIC	42.6%	43.1%	43.4%	47.1%	49.8%
ROE	22.0%	23.9%	24.5%	25.3%	25.3%
Net Debt/Equity (x)	-0.5	-0.4	-0.4	-0.5	-0.5
P/E (x)	22.1	19.6	18.5	16.5	14.8
P/B (x)	4.6	4.8	4.4	4.0	3.6
EV/EBITDA (x)	30.7	30.4	26.3	23.2	20.9
EV/Sales (x)	8.3	8.2	6.9	6.1	5.5
Debtor days	85	90	93	91	91

0

3

FY17A

21.0%

22.0%

1.0

1.0

FY18A

22.7%

23.9%

1.0

1.0

0

5

FY19E

19.5%

24.5%

1.2

1.0

0

FY20E

19.7%

25.3%

1.3

1.0

0

6

FY21E

20.1%

25.3%

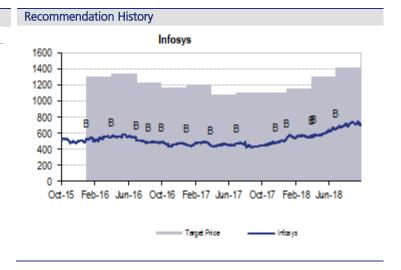
1.2

1.0

0

Source: Company, JM Financial

History of Earnings Estimate and Target Price					
Date	Recommendation	Target Price	% Chg.		
14-Jan-16	Buy	655			
15-Apr-16	Buy	670	2.3		
15-Jul-16	Buy	615	-8.2		
6-Oct-16	Buy	585	0.0		
14-Oct-16	Buy	585	-4.9		
13-Jan-17	Buy	605	3.4		
13-Apr-17	Buy	540	-10.7		
4-Dec-17	Buy	555	2.8		
12-Jan-18	Buy	575	0.0		
20-Mar-18	Buy	650	3.6		
14-Apr-18	Buy	650	13.0		
23-Apr-18	Buy	650	0.0		
18-Jun-18	Buy	710	9.2		
13-Jul-18	Buy	710	0.0		
3-Oct-18	Buy	800	9.0		



### **APPENDIX I**

# JM Financial Institutional Securities Limited

(formerly known as JM Financial Securities Limited)

Corporate Identity Number: U67100MH2017PLC296081

Member of BSE Ltd., National Stock Exchange of India Ltd. and Metropolitan Stock Exchange of India Ltd. SEBI Registration Nos.: Stock Broker - INZ000163434, Research Analyst - INH000000610 Registered Office: 7th Floor, Cnergy, Appasaheb Marathe Marg, Prabhadevi, Mumbai 400 025, India. Board: +9122 6630 3030 | Fax: +91 22 6630 3488 | Email: jmfinancial.research@jmfl.com | www.jmfl.com Compliance Officer: Mr. Sunny Shah | Tel: +91 22 6630 3383 | Email: sunny.shah@imfl.com

Definition of ratings					
Rating	Meaning				
Buy	Total expected returns of more than 15%. Total expected return includes dividend yields.				
Hold	Price expected to move in the range of 10% downside to 15% upside from the current market price.				
Sell	Price expected to move downwards by more than 10%				

#### Research Analyst(s) Certification

The Research Analyst(s), with respect to each issuer and its securities covered by them in this research report, certify that:

All of the views expressed in this research report accurately reflect his or her or their personal views about all of the issuers and their securities; and

No part of his or her or their compensation was, is, or will be directly or indirectly related to the specific recommendations or views expressed in this research report.

### **Important Disclosures**

This research report has been prepared by JM Financial Institutional Securities Limited (JM Financial Institutional Securities) to provide information about the company(ies) and sector(s), if any, covered in the report and may be distributed by it and/or its associates solely for the purpose of information of the select recipient of this report. This report and/or any part thereof, may not be duplicated in any form and/or reproduced or redistributed without the prior written consent of JM Financial Institutional Securities. This report has been prepared independent of the companies covered herein.

JM Financial Institutional Securities is registered with the Securities and Exchange Board of India (SEBI) as a Research Analyst and a Stock Broker having trading memberships of the BSE Ltd. (BSE), National Stock Exchange of India Ltd. (NSE) and Metropolitan Stock Exchange of India Ltd. (MSEI). No material disciplinary action has been taken by SEBI against JM Financial Institutional Securities in the past two financial years which may impact the investment decision making of the investor.

JM Financial Institutional Securities renders stock broking services primarily to institutional investors and provides the research services to its institutional clients/investors. JM Financial Institutional Securities and its associates are part of a multi-service, integrated investment banking, investment management, brokerage and financing group. JM Financial Institutional Securities and/or its associates might have provided or may provide services in respect of managing offerings of securities, corporate finance, investment banking, mergers & acquisitions, broking, financing or any other advisory services to the company(ies) covered herein. JM Financial Institutional Securities and/or its associates might have received during the past twelve months or may receive compensation from the company(ies) mentioned in this report for rendering any of the above services.

JM Financial Institutional Securities and/or its associates, their directors and employees may; (a) from time to time, have a long or short position in, and buy or sell the securities of the 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 company(ies) covered under this report or (c) act as an advisor or lender/borrower to, or may have any financial interest in, such company(ies) or (d) considering the nature of business/activities that JM Financial Institutional Securities is engaged in, it may have potential conflict of interest at the time of publication of this report on the subject company(ies).

Neither JM Financial Institutional Securities nor its associates or the Research Analyst(s) named in this report or his/her relatives individually own one per cent or more securities of the company(ies) covered under this report, at the relevant date as specified in the SEBI (Research Analysts) Regulations, 2014.

The Research Analyst(s) principally responsible for the preparation of this research report and members of their household are prohibited from buying or selling debt or equity securities, including but not limited to any option, right, warrant, future, long or short position issued by company(ies) covered under this report. The Research Analyst(s) principally responsible for the preparation of this research report or their relatives (as defined under SEBI (Research Analysts) Regulations, 2014); (a) do not have any financial interest in the company(ies) covered under this report or (b) did not receive any compensation from the company(ies) covered under this report, or from any third party, in connection with this report or (c) do not have any other material conflict of interest at the time of publication of this report. Research Analyst(s) are not serving as an officer, director or employee of the company(ies) covered under this report.

While reasonable care has been taken in the preparation of this report, it does not purport to be a complete description of the securities, markets or developments referred to herein, and JM Financial Institutional Securities does not warrant its accuracy or completeness. JM Financial Institutional Securities may 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. This report is provided for information only and is not an investment advice and must not alone be taken as the basis for an investment decision.

The investment discussed or views expressed or recommendations/opinions given herein may not be suitable for all investors. The user assumes the entire risk of any use made of this information. The information contained herein may be changed without notice and JM Financial Institutional Securities reserves the right to make modifications and alterations to this statement as they may deem fit from time to time.

This report is neither an offer nor solicitation of an offer to buy and/or sell any securities mentioned herein and/or not an official confirmation of any transaction.

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 JM Financial Institutional Securities and/or its affiliated company(ies) to any registration or licensing requirement within such jurisdiction. The securities described herein may or may not be eligible for sale in all jurisdictions or to a certain category of investors. Persons in whose possession this report may come, are required to inform themselves of and to observe such restrictions.

Persons who receive this report from JM Financial Singapore Pte Ltd may contact Mr. Ruchir Jhunjhunwala (ruchir.jhunjhunwala@jmfl.com) on +65 6422 1888 in respect of any matters arising from, or in connection with, this report.

Additional disclosure only for U.S. persons: JM Financial Institutional Securities has entered into an agreement with JM Financial Securities, Inc. ("JM Financial Securities"), a U.S. registered broker-dealer and member of the Financial Industry Regulatory Authority ("FINRA") in order to conduct certain business in the United States in reliance on the exemption from U.S. broker-dealer registration provided by Rule 15a-6, promulgated under the U.S. Securities Exchange Act of 1934 (the "Exchange Act"), as amended, and as interpreted by the staff of the U.S. Securities and Exchange Commission ("SEC") (together "Rule 15a-6").

This research report is distributed in the United States by JM Financial Securities in compliance with Rule 15a-6, and as a "third party research report" for purposes of FINRA Rule 2241. In compliance with Rule 15a-6(a)(3) this research report is distributed only to "major U.S. institutional investors" as defined in Rule 15a-6 and is not intended for use by any person or entity that is not a major U.S. institutional investor. If you have received a copy of this research report and are not a major U.S. institutional investor, you are instructed not to read, rely on, or reproduce the contents hereof, and to destroy this research or return it to JM Financial Institutional Securities or to JM Financial Securities.

This research report is a product of JM Financial Institutional Securities, which is the employer of the research analyst(s) solely responsible for its content. The research analyst(s) preparing this research report is/are resident outside the United States and are not associated persons or employees of any U.S. registered broker-dealer. Therefore, the analyst(s) are not subject to supervision by a U.S. broker-dealer, or otherwise required to satisfy the regulatory licensing requirements of FINRA and may not be subject to the Rule 2241 restrictions on communications with a subject company, public appearances and trading securities held by a research analyst account.

JM Financial Institutional Securities only accepts orders from major U.S. institutional investors. Pursuant to its agreement with JM Financial Institutional Securities, JM Financial Securities effects the transactions for major U.S. institutional investors. Major U.S. institutional investors may place orders with JM Financial Institutional Securities directly, or through JM Financial Securities, in the securities discussed in this research report.

Additional disclosure only for U.K. persons: Neither JM Financial Institutional Securities nor any of its affiliates is authorised in the United Kingdom (U.K.) by the Financial Conduct Authority. As a result, this report is for distribution only to persons who (i) 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, the "Financial Promotion Order"), (ii) are persons falling within Article 49(2)(a) to (d) ("high net worth companies, unincorporated associations etc.") of the Financial Promotion Order, (iii) are outside the United Kingdom, or (iv) are persons to whom an invitation or inducement to engage in investment activity (within the meaning of section 21 of the Financial Services and Markets Act 2000) in connection with the matters to which this report relates may otherwise lawfully be communicated or caused to be communicated (all such persons together being referred to as "relevant persons"). This report is directed only at relevant persons and must not be acted on or relied on by persons who are not relevant persons. Any investment or investment activity to which this report relates is available only to relevant persons and will be engaged in only with relevant persons.

Additional disclosure only for Canadian persons: This report is not, and under no circumstances is to be construed as, an advertisement or a public offering of the securities described herein in Canada or any province or territory thereof. Under no circumstances is this report to be construed as an offer to sell securities or as a solicitation of an offer to buy securities in any jurisdiction of Canada. Any offer or sale of the securities described herein in Canada will be made only under an exemption from the requirements to file a prospectus with the relevant Canadian securities regulators and only by a dealer properly registered under applicable securities laws or, alternatively, pursuant to an exemption from the registration requirement in the relevant province or territory of Canada in which such offer or sale is made. This report is not, and under no circumstances is it to be construed as, a prospectus or an offering memorandum. No securities commission or similar regulatory authority in Canada has reviewed or in any way passed upon these materials, the information contained herein or the merits of the securities described herein and any representation to the contrary is an offence. If you are located in Canada, this report has been made available to you based on your representation that you are an "accredited investor" as such term is defined in National Instrument 45-106 Prospectus Exemptions and a "permitted client" as such term is defined in National Instrument 31-103 Registration Requirements, Exemptions and Ongoing Registrant Obligations. Under no circumstances is the information contained herein to be construed as investment advice in any province or territory of Canada nor should it be construed as being tailored to the needs of the recipient. Canadian recipients are advised that JM Financial Securities, Inc., JM Financial Institutional Securities Limited, their affiliates and authorized agents are not responsible for, nor do they accept, any liability whatsoever for any direct or consequential lo