



# TATA PROJECTS LIMITED

## ACCELERATING INDIA'S PROGRESS



India's Largest Blast Furnace - SAIL - Rourkela



Lucknow Metro Underground - LMRC - Lucknow



Transmission Lines Construction using Helicrane - J&K



Trade Facilitation Centre - NBCC - Varanasi



Dravyavati River Rejuvenation Project - Jaipur



Dedicated Freight Corridor Lot 103 - DFCCIL - Aligarh

39<sup>th</sup> Annual Report 2017-18



Tata Projects Limited is one of India's fastest growing and most admired infrastructure companies, involved in executing complex urban and industrial infrastructure projects. The company operates through its 4 Strategic Business Groups (SBGs) namely Industrial Systems (Plant & Systems and Construction & Environment), Core Infra (Transmission & Distribution and Transportation), Urban Infra (Heavy Civil Infra and Urban Built Form) and Services (Quality Services and Utility Services). Tata Projects strives to deliver projects 'On-Time', meeting client expectations, using world-class project management and execution techniques. It adheres to uncompromising standards of quality and safety. We take pride that our diverse projects have been contributing to the nation's rapid progress.



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### Annual General Meeting

Date : Wednesday, 27<sup>th</sup> June, 2018

Time : 11.30 a.m.

Venue : Mithona Towers 1, 1-7-80 to 87,  
Prenderghast Road, Secunderabad - 500 003 (Registered Office)

**TATA PROJECTS LIMITED****BOARD OF DIRECTORS**

Chairman	S Ramakrishnan
Directors	Pradeep N Dhume Parashuram G Date Padmanabh Sinha Rajit H Desai Banmali Agrawala (w.e.f.03-02-2018)
Independent Directors	Neera Saggi Samir Kumar Barua
Managing Director	Vinayak K Deshpande
Executive Director	Arabinda Guha (w.e.f.01-07-2017)
Observer	Bobby Pauly
Company Secretary & Head Legal	Dr. A Raja Mogili (upto 31-08-2017)
Company Secretary	B S Bhaskar (w.e.f.03-02-2018)

**CORPORATE GOVERNING COUNCIL**

Vinayak K Deshpande Managing Director	Arabinda Guha Executive Director	Anil Khandelwal Chief Financial Officer	Ganesh Chandan Chief Human Resource Officer
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**LEADERSHIP TEAM**

Vinayak K Deshpande Managing Director	Arabinda Guha Executive Director	Anil Khandelwal Chief Financial Officer
K Satyanarayana Chief Operating Officer SBG - Industrial Systems	Vivek Gautam Chief Operating Officer SBG - Core Infra	Vivek Singhal Chief Operating Officer SBG - Urban Infra
Tenny Koshy Cherian Chief Operating Officer SBG – Services	R Ravi Sankar Chief Commercial Officer	Ganesh V Chandan Chief Human Resource Officer
Ganesh K Iyer Chief Procurement Officer	Pralhad Pawar Chief Technology & Engineering Officer	Himanshu Chaturvedi Chief Strategy Officer

## OFFICES IN INDIA

Registered Office	SBU-Quality Services	Mumbai	Noida
Mithona Towers-1, 1-7-80 to 87, Prenderghast Road, Secunderabad-500 003	Splendid Towers, 1-8-437,438,364 & 445 S.P. Road, Begumpet Hyderabad-500 003	One Boulevard Street, Lake Boulevard Road, Powai, Mumbai-400 076	Okaya Centre, B-5, Sector-62, Noida-201307 (U.P.)

## OVERSEAS OFFICES

UAE	South Korea	Kenya	Thailand
Nepal	Sierra Leone	South Africa	Ethiopia

## MANUFACTURING UNITS

<b>Tower Manufacturing Unit</b> Plot No.D1, Krupa Nagar, MIDC, Umed, Nagpur – 441 203, Maharashtra	<b>Water Purification Plant Development Centre</b> 2-69/2, Kandlakoya, Medchal Mandal, R.R. Dist -501 401
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## BANKERS

State Bank of India Corporation Bank	Canara Bank Bank of Baroda	Indian overseas Bank Abu Dhabi Commercial Bank
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## SOLICITORS

M/s. Mulla & Mulla &  
Craigie Blunt & Caroe, Mumbai  
  
Vakils Associated, Hyderabad  
  
Parekh & Co., Delhi

## AUDITORS

Price Waterhouse & Co.,  
Chartered Accountants LLP

## INTERNAL AUDITORS

M/s. Ernst & Young LLP

## TRANSFER AGENTS

TSR Darashaw Ltd.

## SUBSIDIARIES / JVCs / ASSOCIATE COMPANIES

### Subsidiaries

Artson Engineering Ltd., India  
Ujjwal Pune Limited, India  
TQ Cert Services Private Ltd. India  
TQ Services (Mauritius) Pty Ltd.,  
Mauritius  
TQ Services Europe GmbH, Germany  
Ind Project Engineering (Shanghai)  
Co Ltd., China

### JV Companies

TPL-TQA Quality Services South Africa  
(Proprietary), South Africa  
TPL-Asara Engineering South Africa  
(Proprietary) Ltd., South Africa  
Industrial Quality Services, LLC,  
Sultanate of Oman  
Nesma Tata Projects Limited Co  
(Mixed LLC), Jeddah, Saudi Arabia

### Associates

Arth DesignBuild  
India Private Ltd.

**TATA PROJECTS LIMITED**
**REPORT OF THE BOARD OF DIRECTORS**

To

**The Members**

Your Board takes pleasure in presenting the Thirty Ninth (39<sup>th</sup>) Annual Report and audited statements of accounts of your Company for the financial year ended March 31, 2018.

**FINANCIAL RESULTS**

Financial highlights of your Company for the year ended March 31, 2018 are summarized below.

(₹ in Crore)

Consolidated		Particulars	Standalone	
2016-17	2017-18		2017-18	2016-17
6,270.03	9,223.21	Gross Income	9,060.51	6,236.35
5,846.10	8,668.85	Operating expenditure	8,517.69	5,820.70
423.93	554.36	Operating Profit (PBDIT)	542.82	415.65
25.16	52.59	Other Income	42.00	25.63
262.27	309.56	Interest & Depreciation	300.01	258.57
186.82	297.39	Profit Before Tax (PBT)	284.81	182.71
51.35	110.43	Provision for taxes	101.07	71.55
135.47	186.96	Profit After Tax (PAT)	183.74	111.16
7.12	(0.32)	Less: Minority interest	-	-
128.35	187.28	Profit attributable to owners	183.74	111.16
(3.99)	(0.17)	Other Comprehensive Income	(0.20)	(4.00)
124.36	187.11	Total Comprehensive Income attributable to owners	183.54	107.16
608.14	627.34	Balance brought forward	665.81	663.77
732.50	814.45	Amount available for appropriations	849.35	770.93
		(-) Appropriations		
12.19	18.22	Dividend paid and Tax thereon	18.23	12.19
92.93	-	General Reserve	-	92.93
-	(0.05)	Addition to reserves due to further acquisition of shares in subsidiary	-	-
0.04	0.04	Legal Reserve	-	-
627.34	796.24	Balance carried to reserves & surplus to Balance Sheet	831.12	665.81

**DIVIDEND**

Board of Directors recommend payment of dividend of Rs. 100/- per share (100%) for the year ended March 31, 2018 [Previous Year: Rs. 75/- per share (75%)], subject to approval of the shareholders at the ensuing Annual General Meeting.

**TRANSFERTO RESERVES**

During the year, amount transferred to General Reserve is Nil (previous year Rs.92.93 crore). Thus, the total comprehensive Income attributable to owners i.e., Rs. 183.54 crore is transferred to Reserves and Surplus of Balance Sheet.

**OPERATING STRUCTURE**

Company business is classified into two segments viz., "EPC Projects" and "Services". EPC Projects business is pursued through three Strategic Business Groups (SBGs) handling two Strategic Business Units (SBUs) each, supported by Enabling Services and Corporate Shared Services. Services business as an SBG is also pursued through two SBUs.

- SBG – “Industrial Systems” with SBUs “Plant & Systems” (P&S) and “Construction & Environment” (C&E)
- SBG – “Core Infra” with SBUs “Transmission & Distribution” (T&D) and “Transportation”
- SBG – “Urban Infra” with SBUs “Heavy Civil Infra” and “Urban Built Form”
- SBG – “Services” with SBUs “Quality Services” and “Utility Services”
- Enabling Services supporting SBGs are: “Human Resource” (HR), “Supply Chain Management” (SCM) and “Information Technology” (IT).

Company’s operations for EPC Projects segment are largely in India, with selective presence in Middle East, South East and parts of Africa. Whereas operations for Services SBG are spread across 40 countries including China, Middle East, Europe etc.,

## ORDER BOOKING POSITION

The details of Order Booking position as on end of March 2018 is as follows

(₹ in crore)

Sl.No.	Unit	Order Booking (includes TPL share in case of Jvs)	
		As on 31.03.2018	As on 31.03.2017
1	EPC Projects	11,353	20,101
2	Services	217	168
	<b>TOTAL</b>	<b>11,570</b>	<b>20,269</b>

## PERFORMANCE ANALYSIS

- During the year, Order Booking of your Company aggregated to Rs. 11,570 crore (Previous Year: Rs 20,269 crore) resulting in the total order backlog of Rs 34,025 crore. Secured L1 position of orders worth Rs.6,745 crore.
- Total income of your Company aggregated to Rs. 9,060.51 crore (Previous Year: Rs. 6,236.35 crore) registering a growth of about 45.28%.
- The Quality Services revenue during the year was Rs 191 crore (Previous Year: Rs 152 crore).
- The operating profit of the Company was Rs. 542.82 crore (Previous Year: Rs 415.65 crore) resulting in a Profit Before Tax (PBT) of Rs.284.81 crore (Previous Year: Rs 182.71 crore). The PBT for current year recorded a growth of about 55.88% over last year.

## OPERATIONS OVERVIEW

### EPC Projects Business

#### SBG - Industrial Systems

**‘Plant and Systems’ (P&S):** P&S - SBU handles projects related to Power Generation, Oil & Gas and Metal & Minerals in domestic as well as international markets.

A few of the prestigious projects are from APPDCL<sup>1</sup>, NMDC<sup>2</sup>, NTPC<sup>3</sup>, SAIL<sup>4</sup>, ONGC<sup>5</sup>, Hazel and Takreer. This year P&S - SBU entered into new segments by emerging as lowest bidder in ISRO<sup>6</sup> and KRIBHCO<sup>7</sup>. P&S - SBU plans to cater the new adjacent segments like Nuclear, Waste to energy, Bio ethanol, coal gasification etc.

**Construction & Environment (C&E):** C&E - SBU handles projects related to factories and buildings, nuclear fuel fabrication factory, industrial structures, high rise apartments, residential townships and mass housing. Projects in environment sector like river rejuvenation, sewage treatment plants, integrated water treatment and desalination projects are also handled by C&E - SBU. Dravyavati river rejuvenation Project in Jaipur is a highly appreciated work done by C&E – SBU, which is adopting technology oriented Project Management Systems by use of software like BIM<sup>8</sup>, Wrench<sup>9</sup>, Candy<sup>10</sup>, drone based project monitoring system etc.

1 Andhra Pradesh Power Distribution Corporation Limited  
2 National Mineral Development Corporation  
3 National Thermal Power Corporation  
4 Steel Authority of India Limited

5 Oil & Natural Gas Corporation  
6 Indian Space Research Organization  
7 Krishak Bharati Cooperative Limited

8 Building Information Modelling  
9 A software used in civil engineering  
10 A software to monitor Cost to Completion

## SBG - Core Infra

**Transmission & Distribution (T&D):** T&D - SBU has laid power transmission lines more than 12,500 km since its inception. T&D - SBU has experience in working in all types of terrains, such as Himalayan ranges, forests and deserts to install high voltage lines ranging from 440 to 765 kV and upto 1200 kV DC. T&D - SBU uses latest technology such as helicrane, to accelerate construction of transmission lines in hilly areas. T&D - SBU also has projects in Ethiopia, Thailand, Ivory Coast, Kenya and Nepal and has plans to enter into Saudi Arabia and Mali. T&D - SBU also ventured into new line of business in Smart-Grid Power Distribution. T&D - SBU plans to consolidate its expertise and capitalize opportunities in Middle East, Africa and CIS<sup>1</sup> Countries, Latin American countries like Brazil & Mexico.

**Transportation:** Transportation - SBU is executing approximately 2000 track KM of railway lines in the Eastern and Western Dedicated Freight Corridors (EDFC and WDFC). It has deployed two automated track laying machines (being used for the first time in India) and work is progressing wherever land is handed over. The project has achieved 20 million safe man hours which has been appreciated by the World Bank. In addition, all works related to launching of a massive Open Web Girder Type bridge, which is a unique bridge design for railway transportation, have been successfully completed. This bridge is a railway flyover over the existing Indian Railways track. Execution of EDFC projects of Lot 301 and Lot 302 and WDFC projects of Ctp -13 and Ctp-11 have also commenced. Lot 301 and Lot 302 have recently been duly recognized for their safety initiatives by the Construction Industry Development Council (CIDC).

## SBG - Urban Infrastructure

**Heavy Civil Infra:** Heavy Civil Infra - SBU handles mega infrastructure projects such as underground tunneling and elevated metros, highways, sea bridges, ropeways, ports involving high technology, expertise and precision. A few of the mega projects include four Metros in Lucknow, Mumbai, Delhi and Ahmedabad, highway in Udaipur, ropeway in Dharamshala under difficult terrain, 500-meter cable-stayed bridge in Karimnagar and construction of Mumbai Trans Harbour Link, an ambitious sea link project of 32 Km long.

**Urban Built Form:** Urban Built Form - SBU handles Mega infrastructure projects such as IT SEZ<sup>2</sup> Parks, Commercial and Office Buildings, High Rise Segment and Commercial Retail space, airports and various schemes under Smart Cities Project of Gol<sup>3</sup>.

## Major Contracts awarded/ L1 position during the year

- Secured L1 position in two packages of prestigious project: Mumbai Trans Harbour Link, worth Rs. 13,000 crore and awarded Package 2 worth Rs. 5,612 crore in JV with Daewoo Engineering & Construction, South Korea
- Secured order for New Civil Enclave at Allahabad Airport by Airports Authority of India, a fast track design and build project involving construction of Passenger Terminal Building, ancillary buildings with Civil, MEP<sup>4</sup> Firefighting, HVAC<sup>5</sup>, Airport System and IT Systems
- Secured one of its kind 500-meter-long Cable Stayed Bridge at Karimnagar, Telangana and ropeway segment at Dharamshala
- Ventured into Hydropower segment through World Bank funded project for Construction of Additional Spillway at Hirakud Dam in Odisha
- Secured L1 position for two Elevated Metro Packages for Mumbai Metro from Ghatkopar to Thane worth Rs. 1,050 crore.
- Secured repeat order from TRIL<sup>6</sup> for IT City at Gurugram for Rs. 267 crore establishing your Company's footprint in IT Sector
- Secured award for Ludhiana City Smart Street Lighting project for Rs. 178 crore. The project requires replacement of around 1 lac LED<sup>7</sup> Lights and setting up of central command center with 'Operations and Maintenance' (O&M) contract.
- Secured India's first Dial 112 Emergency Response System project for Chhattisgarh Police to be commissioned with an O&M contract.

1 Commonwealth of Independent States

2 Special Economic Zone

3 Government of India

4 Mechanical, Electrical and Plumbing

5 Heating, Ventilation, and Air Conditioning

6 Tata Realty Infrastructure Ltd.,

7 Light Emitting Diode



- CBM<sup>1</sup> and Pipeline project for ONGC at Bokaro.
- Aviation Fuel Terminal at Al Bateen Executive Airport for ADNOC<sup>2</sup>
- Mussafah Fire System Upgrade for Takreer
- L1 status in two jobs of ISRO for setting up Semi Cryogenic Integrated Engine Testing Facility at Mahendragiri, state of Tamil Nadu and setting up of a 1.2 MTPA<sup>3</sup> NPK Fertilizer Plant for KRIBHCO

### Major projects completed/ commissioned during the year

The year saw completion of some significant projects:

- 2 X 800 MW Lara Coal Handling Plant Unit-I commissioned.
- Blast Furnace No.4 repair project of RSP<sup>4</sup> SAIL and Kaldo Furnace of HCL<sup>5</sup> are Completed.
- Performance Guarantee test carried out successfully for 1.2 MTPA Pellet Plant at Donimalai, NMDC
- State-of-Art Trade cum Craft Museum at Varanasi was completed and handed over to NBCC<sup>6</sup> a head of schedule. This is first of its kind Museum in the Country.
- Completed and handed over RVNL<sup>7</sup> Yadgir and DLW<sup>8</sup> Varanasi Projects ahead of schedule and has received bonus from customer for early completion of DLW Varanasi project.

## SERVICES BUSINESS

### SBG - Services

**Quality Services:** Quality Services - SBU emerged as one of the leading Quality and Reliability service provider in domestic and overseas markets, leveraging digital platforms and latest software tools for differentiating its value proposition across customer segments. The company has made strategic equity investment into BIM services company to serve customer segments in GCC<sup>9</sup> and European markets. As part of geographical expansion, the company this year has expanded its global footprint to also service customers in Kuwait and Italy. The company has also added international marquee customers, some of them being Canadian Solar, Arcelor Mittal, GE Power, Mitsubishi, Hitachi Power Systems, etc.

**Utility Services:** Utility Services - SBU deals with development of Reverse Osmosis (RO), Ultra Filtration (UF) and desalination water systems of different capacities for rural communities of India. It provides affordable safe drinking water through a fully self-sustaining operating model to the 'Bottom of Pyramid' communities in rural and semi-urban areas, leveraging Women and Affirmative Action entrepreneurs using products with lowest manufacturing cost, high technological sophistication and robust services network. During this year, this business unit successfully integrated the next generation Internet of Things (IoT), solutions into its Water Purification Plants. It is continuing its joint research project to develop solar powered desalination plants in collaboration with Massachusetts Institute of Technology (MIT).

## BUSINESS OUTLOOK

Country is working with specific focus on all-round creation of infrastructure facilities, such as smart cities, high-speed transportation systems, dedicated freight corridors, metro rails, ports and airports, mass construction of residential houses, mega commercial spaces, irrigation projects, rejuvenation of rivers/canals, water treatment plants, rural electrification etc. Business opportunities are substantial; and your Company, having gained pre-qualification into almost all sectors of infra domain, stands an edge over many players.

Your Company has plans to expand its operations in identified geographical areas globally with experience and expertise gained in select verticals. Company looks to deliver highly differentiated, value based project implementation experience to its global customers. The global operations hence will be identified and value based than volume business.

Through 'Center of Excellence', digitalization is being implemented in processes and procedures to achieve simplification, speed, perfection and 'institutionalization' of enterprise-wide learning. Technology upgradation,

1 Coal Bed Methane

2 Abu Dhabi National Oil Company

3 Metric Tons Per Annum

4 Rourkela Steel Plant

5 Hindustan Construction Ltd.,

6 National Building Construction Corporation

7 Rail Vikas Nigam Limited

8 Digital Locomotive Works

9 Gulf Cooperation Council

integration and automation are being done, to achieve better control on various processes, on-line MIS<sup>1</sup> reports generation, CTC<sup>2</sup> evaluation, data collation etc. Application of latest software tools and usage of new techniques such as 3D Modeling, Drones, Lidar etc., are being undertaken in areas of operations.

## SUBSIDIARIES, JOINT VENTURE AND ASSOCIATE COMPANIES

Pursuant to IND AS<sup>3</sup>-110 issued by the Institute of Chartered Accountants of India, Consolidated Financial Statements presented by the Company include financial information of subsidiary companies. As per the requirement of section 129(3) of the Companies Act 2013, a separate statement containing the salient features of the financial statements of subsidiaries/ joint ventures in prescribed form AOC-1 is attached to the financial statements of the Company.

Performance and other details of key subsidiaries/ Joint Venture Companies are given below:

### 1. Artson Engineering Limited (AEL)

This subsidiary M/s. Artson Engineering Limited, reported a total income of Rs. 141.72 crore for financial year ended 31<sup>st</sup> March 2018 (Previous Year: Rs. 110.95 crore) with a profit before tax of Rs. 5.44 crore (Previous Year: Rs. 5.68 crore). During the year, the Company has booked Rs 134 crore worth of orders and the total order backlog as on 31<sup>st</sup> March 2018 was Rs 160 crore. The Company is making profits for the last three financial years. Management is pursuing mechanization of manufacturing facilities to cater to advanced and high value requirements in the market. The management is also focusing on building capabilities to become an equipment builder, integrator and end-to-end solution provider to Indian industry.

### 2. Ujjwal Pune Limited (formerly known as Tata Projects Infrastructure Limited)

This subsidiary is executing India's first Smart LED Project in Pune on PPP<sup>4</sup> mode, achieved completion and commissioning of the O&M period. The Project required replacement and installation of 77,800 LED lights, SCADA<sup>5</sup> Panels and commissioning of Central Command and Control Centre. Being the first Smart City PPP Project for Smart Lighting solutions, the Project has set the benchmark for other cities to follow the similar model. The Project was recognized by HUDCO<sup>6</sup> for 'Best Practices Award' to Improve the Living Environment 2017-18 and was also given 'Order of Merit Award' at 49<sup>th</sup> SKOCH<sup>7</sup> Summit.

### 3. TQ Cert Services Private Limited (formerly known as FoodCert India Private Limited)

This company is a wholly owned subsidiary of your company engaged in providing business and management Certifications to various industries and Government organizations.

### 4. TPL-TQA Quality Services South Africa (Proprietary) Limited

This is a Joint Venture (JV) Company created as a strategic business base, to explore opportunities in third party inspection business in South Africa. It is exploring possibilities of identifying new customers in Power Generation, Transmission & Distribution and Water business with Govt. agencies and other segments in the African markets.

### 5. TQ Services (Mauritius) Pty Limited, Mauritius

This was converted into a wholly owned subsidiary of your company in July 2017 and focused on exploring business opportunities into African markets.

### 6. Industrial Quality Services LLC, Oman

This Joint Venture (JV) Company with Al Siraj Holdings LLC, is incorporated in the Sultanate of Oman, to provide services into the country. Having secured approval from Petroleum Development Oman (PDO), it is now poised to emerge as leading service provider in Oman.

### 7. TQ Services Europe GmbH, Germany

This company was formed as a wholly owned subsidiary of your company to provide services to the European markets.

### 8. Ind Projects Engineering (Shanghai) Co. Ltd.

This company was formed as a wholly owned subsidiary of your company to address market opportunities in China.

1 Management Information System

2 Cost To Completion

3 Indian Accounting Standards

4 Public Private Partnership

5 Supervisory Control And Data Acquisition

6 Housing and Urban Development Corporation

7 Smart Governance Award

## 9. Nesma Tata Projects Limited Co (Mixed LLC), Jeddah

Nesma Tata Projects Limited (NTPL), being prequalified by Saudi Electricity Company and Saudi Aramco, commenced bidding operations from September 2017 and has since bid for several contracts for Substations, Transmission Lines, Electro-mechanical Construction, EBoP<sup>1</sup> and Power Plant Projects. The Company was awarded its first contract worth SAR<sup>2</sup> 40.6 Mn (approximately INR 70 Crore) by Nesma Telecom and Technology Co. Ltd. for EPC Work of 380 kV Transmission Line for Marafiq in Yanbu City near Jeddah.

Currently, NTPL also negotiating contracts with Saudi Aramco for Replacement of Gas Compression Facilities at Abqaiq near Al Khobar.

## 10. Arth Design Build India Private Limited

Arth is a BIM services company which also offers services in Design Architecture, Commercial Interiors and software products (LivBIM). Arth has completed many prestigious BIM projects like Al-Jahra Hospital (Kuwait), Olaya Towers (Jeddah), Opera House (Dubai) etc. In domestic markets, this company has executed projects in Hyderabad, Mumbai, Delhi & Bangalore for services in Design Architecture and Commercial Interiors.

## DETAILS OF SUBSIDIARIES AND JOINT VENTURE COMPANIES (JVCs) CEASED AND ACQUIRED DURING THE YEAR

During the year under review none of the existing Subsidiaries and JVCs ceased to be Subsidiaries and JVCs. However, in addition to existing Subsidiaries and JVCs, your company has acquired 100% stake in TQ Services (Mauritius) Pty Limited, Mauritius (previously your company held 70%).

## ENABLING SERVICES

### HUMAN RESOURCE DEVELOPMENT (HRD)

HRD this year has intensely focused on building capacity, developing competency, nurturing culture and containing resource cost. In terms of building capacity, your Company grew from 3,836 to 4,432 head count during the year with an increase of 16% in terms of manpower strength. As a strategic initiative, the Company has inducted 250 trainees from campus this year.

In terms of competency development, your Company achieved 6,393 man-days of training for management and supervisory staff. The focus on project management capability continued during the year as well through EPC Academy. Your Company was recognized as a "Registered Education Provider - REP" by PMI<sup>3</sup>, USA. This year, 12 employees are PMI certified through EPC Academy. All our Senior Leadership Team [SLT] had attended a two days' workshop in the journey of creating High Performing Organization [HPO] - An Enterprise that consistently and continuously produces outstanding results with the highest level of human satisfaction and commitment to success.

In terms of culture building, the focus on AGILE<sup>4</sup> institutionalization continued this year as well. All Senior Management and all the new joiners in the Senior Leadership Team have been covered under a Programme - Tata Culture - Integration Labs to build a strong and aligned culture. Employee engagement survey score of our Company stood at 4.11 for the year 2018 generally in line with previous engagement score of 4.12 for the year 2017 on a 5-point scale, even after induction of new employees.

Manpower productivity during the year increased to 1.87 crore from 1.57 crore in the previous year. The wages as a percentage of turnover during the year reduced to 6.5% from 7.2% in previous year. Overall attrition level was 10.3% during the year while the industry average was around 15.5%. Processes to ensure statutory compliances are in place. Industrial relations at all project sites remained cordial and harmonious during the year.

### SUPPLY CHAIN MANAGEMENT (SCM)

It is the constant endeavour of the SCM Teams to minimize procurement cost, to optimize benefits from identifying reliable sub-contractors / suppliers, effective vendor mix-avoiding monopolistic situations, providing logistics of economic mode of transportation, economies of large scale procurement of cement and steel, fixed price deals to protect against price hike etc. SCM improves these objectives by automating the processes seamlessly from indent to purchase order through procurement modules of ERP<sup>5</sup> business automation tools.

Transition to GST was handled very effectively with the support of all the stakeholders from projects, taxation, finance and SCM teams. In our endeavour towards Green Procurement, preference is given to Green Vendors, Green Awareness Workshop was also conducted with selected Supplier Partners. Likewise, there has been increase in the order value to AA vendors. In Affirmative Action Assessment, the company has achieved encouraging results.

1 Electrical Balance of Plant  
2 Saudi Arabian Riyal

3 Project Management Institute  
4 Always, Genuine, Innovative, Learning, Enterprising

5 Enterprise Risk Process

## CORPORATE SHARED SERVICES

### BUSINESS EXCELLENCE (BE)

Board takes pride in informing that your Company participated in TBEM<sup>1</sup> External Assessment Cycle 2017 and scored 557 points thereby entering the “Emerging Industry Leader Band”. Keeping the target to cross 600 points by 2019, action points are identified to permeate the TBEM concepts into grass root levels to bring in cultural transformation. Your organization has successfully completed ISO 9001:2015 migration audit and certified to this upgraded standard version. The initiative of ISO and EPM<sup>2</sup> integration was well appreciated by the certification agency and this was selected as best practice by APQC (American Productivity and Quality Centre). To build capability in ISO 9001, ISO 14001 and OHSAS 18001 area, your Company developed 38 Internal and 6 lead auditors.

‘Innovays’ initiative is driving continuous improvements and innovations to build a culture of improvements across the organization. Employees are encouraged to participate and present Papers / Case Studies at national and international conferences organized by prestigious Institutions and Organizations.

### SAFETY, HEALTH AND ENVIRONMENT (SHE)

Company aims at providing ‘zero harm’ working environment across all project sites. Substantial initiatives have been taken by creating a ‘Centre of Excellence’ to ensure compliance to checklists for inspection and observations and capturing closure of non-compliance. Sensitization of site teams has been significantly increased by visual felt leadership, safety walk downs, cross functional team audits, weekly safety review meetings, escalation of critical issues with senior management and periodical review of safety by the SLT (Senior Leadership Team). Accident prevention equipment and tools are provided at all project sites. The Company achieved Accident Severity Rate 113.10 against the target of 150; and the Accident Frequency Rate at 0.068 against the targeted 0.090.

### SUSTAINABILITY

Your Company has developed the Sustainability pillars (Economic, Environmental, People and Social) and rolled out the Sustainability Policy. We believe that Sustainability is a very important enabler to exceed stakeholder expectations. As part of the environmental focus we have adopted best practices in areas of:

- (1) Alternate materials (increase in use of M-Sand, fly ash, GGBS<sup>3</sup> and reduce use of plywood),
- (2) Reduction of Green House Gases (Use of renewable energy, LED, engaging energy efficient equipment, bringing in reduction of fuel and energy consumption),
- (3) Modular Construction (increased use of system formwork / steel shuttering, precast, prefab),
- (4) Facilitate Regeneration (water conservation, recycle and ground water recharge),
- (5) Minimize waste (steel, cement) and
- (6) Sustainability Practices being adopted by our supply chain partners (Green vendors).

We ensure that the community nearby the projects where we operate are considered in the inclusive growth.

We have institutionalized Sustainability at all our project sites and proactively adopting good practices. The Key Performance Indicators for the six areas were defined and target set for FY 17-18. The Sustainability initiatives have been reviewed by the Sustainability Steering Committee on a monthly basis and best practices shared across our sites.

We have conducted capacity and capability building workshops across the organization towards Sustainable practices and implementation of the sustainability initiatives

### FINANCE

Your Company’s Long-Term Credit rating has been upgraded from IND AA- to IND AA. Various financing initiatives were taken by the company during the year, including raising loans backed by fixed deposits, arranging financing against the sales invoices of the company and availing export packing credit at a very competitive rate. Your company enhanced the utilization of commercial paper to further optimize the cost of borrowing. These measures have led to reduction in the borrowing cost of the company by 95 bps over financial year 2016-17. Likewise cost of non-fund limits have been reduced by 6% over last year.

1 Tata Business Excellence Model

2 Enterprise Process Manual

3 Ground Granulated Blast furnace Slag

During the current financial year, your company has commenced implementation of the recommendations made in the BPR (Business Process Re-engineering) study carried out on ERP viz., simplifying the business processes in the functions of Projects, Supply Chain Management and Finance, and make the ERP more user friendly and integrated project data seamlessly. The implementation is aptly named Project BOOST (Business Operations Optimisation through Seamless Technologies). Project BOOST is aimed to bring about integration among diverse business functions and ensure higher synergy.

The finance department has initiated the design and implementation of Finance Centre of Excellence (FCoE), to centralise the bill processing and other accounting functions. This would ensure standardisation of accounting processes, effective ERP utilisation and facilitate commercial role in the finance function. The initiative shall be operational by the third quarter of 2018-19.

Your Company has deployed a robust Project Control Budget / Cost to Completion (CB/CTC) Process for managing / controlling the project cost and profitability. CB process aims at controlling the project cost within the bid estimates; whereas CTC mechanism continuously evaluates and reviews the project costs to protect the margins envisaged.

Your Company's Project Control Budget and Cost to Completion process has been recognized as "Good Operating Practice" by Tata Business Excellence Group under the Topic "Integrated Cost Management". This case study will be shared in EDGE portal for usage of this practice by other group companies.

Your Company has adopted the GST reform in a swift manner and in compliance to the provisions of GST Act. Issuance of GST related amendments to vendors were completed with tax efficiencies being passed on to Company. GST amendments in relation to all the private clients are received. Government clients have agreed in principle and are in the process of reviewing and finalizing the GST impact/amendments.

Your Company has been successful in obtaining long pending refunds through Hon'ble Bombay High Court; effectively pursued and collected long pending "C" Forms, thereby removing substantial liability on the Company; and with focused attention completed erstwhile Sales tax assessments in various States. Your Company has been proactive in considering the available incentives for Infrastructure company, to optimize the tax liability.

### **INFORMATION TECHNOLOGY (IT) - INITIATIVES**

Digital, Cloud and Automation initiatives improved the business process effectiveness and efficiency of the systems. During the year, ERP hardware migration to Cloud (IaaS) has been completed, thereby enabling users with better availability of systems with improved efficiency. Various business processes have been improved by Digitization, such as Insurance, BGMS<sup>1</sup>, Travel Management System, HR Process Automation, Recruitment and Exit process, Visitor Management and Material tracking. Other RTB<sup>2</sup> initiatives focused on improving the productivity by process automation, security improvements.

ERP Revamp (Project BOOST) implementation in progress which enables business process automations of Finance, SCM & integrated project management and project controls, enhancing project collaboration through tools like Primavera and Candy with integrated solutions.

Going forward, the focus is on IT Digitalization initiatives in the areas of Business Intelligence for real time MIS, Process Automation in Business Functions, Enhancing the Information Security with improved protection, confidentiality and Integrity, integrated Data acquisition systems, and enterprise Document Management System.

### **AWARDS & ACCOLADES**

Your Company received the following Awards / Accolades during the year

- BBS Global Brand Ambassador, Forum of Behavioural Safety in January 2018
- Winner Innovation in Continuity & Resilience Award, Business Continuity and Resilience Summit, in March 2018
- Safety Professional of the Year – ASSE President's Award for year 2017-18

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1 Bank Guarantee Monitoring System

2 Real Time Bidding

- 9<sup>th</sup> Construction Industry of Development Council Vishwakarma Award for Mahindra Life Space Homes, Luminaire Gurgaon for the year 2017-18
- Godrej United project received, 2<sup>nd</sup> award from National Safety Council, Karnataka Government
- NTPC Darlipalli Project received best Safety Conscious Agency, 4<sup>th</sup> time in a row.
- Krishnapatnam Phase II Project received the best Safety Practicing & Management Company award from APPDCL.
- NMDC Nagarnar Project received two awards, Best Safety Performance & Swatch Bharat Mission from NMDC.
- EDFCC Project received four Awards: Construction Industry Development Council (CIDC) Award for Category – Health & Safety (for 100 & 300 series); OSHAI Award for Safe Employer of the year; Green Tech Safety Award and INNOV – Best Safety Performance for the year, 2018.
- SBG – Urban Infra received three Awards: TATA Serein received the British Safety Council 5 Star award; Lucknow Metro received best safe contractor award from LMRC<sup>1</sup>; and DMRC<sup>2</sup> CC87 Project & Lucknow Metro project received 'Safety Innovation Award' from the Institution of Engineers, Delhi.
- Two teams from your company presented case study on lean principles implemented at the project sites at 'Indian Lean Construction Conference' (ILCC) organised by Indian Institute of Technology, Madras (IIT-M) and won accolades.
- Two teams presented safety practices implemented at the project site at CII<sup>3</sup> – First National Safety Practice competition, excellence in work place safety and one team won the First Runner up award.
- Improvement Paper on "Ground Improvement" was presented at the International Conference on Ground Improvement Techniques, Geotechnical Engineering and Application (ICGITGEA-2018) held at Singapore which received appreciation from the WASET (World Academy of Science, Engineering & Technology).
- At the Quality Circle Forum of India (QCFI) chapter conventions, 4 teams from your company participated and won prizes (4 gold) by showcasing the continual improvement projects that have been done at the work area.
- One of the projects from Tower Manufacturing Unit (TMU), Nagpur won 'ACC Rolling Trophy' for presenting the best-case study.

## CREDIT RATING

Credit rating as per the external agencies was as follows:

Sl. No.	Rating Agency	Instrument	Type of Rating	Current Rating	Remarks
1	India Ratings & Research Private Limited	Fund Based and Non-Fund Based bank limits	Long Term	IND AA	Upgrade from IND AA-
		Fund Based and Non-Fund Based bank limits	Short Term	IND A1+	Highest in category
		Commercial Paper	Short Term	IND A1+	Highest in category
2	Crisil Limited	Commercial Paper	Short Term	Crisil A1+	Highest in Category
3	Dun & Bradstreet		Company rating	5A1	Highest in Category

## CORPORATE GOVERNANCE

Your Company has always followed good corporate governance practices in pursuit of its objective of growth with excellence.

1 Lucknow Metro Rail Corporation

2 Delhi Metro Rail Corporation

3 Confederation of Indian Industry

## A. MEETINGS OF BOARD AND COMMITTEES OF THE BOARD

During the financial year under review, six meetings of Board; nine meetings of Audit Committee; six meetings of Nomination & Remuneration Committee; one meeting of CSR, Safety and Sustainability Committee and eleven meetings of Project Review Committee were held on various dates as follows. The Annual Meeting of Independent Directors was held on March 17, 2018.

### Board/ Committee Meeting dates

Board Meetings	<b>2017:</b> 12 <sup>th</sup> May; 23 <sup>rd</sup> June; 4 <sup>th</sup> August; 27 <sup>th</sup> October; <b>2018:</b> 3 <sup>rd</sup> February; and 16 <sup>th</sup> March
Audit Committee Meetings	<b>2017:</b> 11 <sup>th</sup> May; 23 <sup>rd</sup> June; 17 <sup>th</sup> July; 4 <sup>th</sup> August; 8 <sup>th</sup> September; 27 <sup>th</sup> October; 30 <sup>th</sup> November; <b>2018:</b> 2 <sup>nd</sup> February; and 26 <sup>th</sup> March
Nomination & Remuneration Committee	<b>2017:</b> 21 <sup>st</sup> April; 11 <sup>th</sup> May; 23 <sup>rd</sup> June; 13 <sup>th</sup> October; 1 <sup>st</sup> December <b>2018:</b> 2 <sup>nd</sup> February
Committee for CSR, Safety & Sustainability	<b>2018:</b> 2 <sup>nd</sup> February
Project Review Committee	<b>2017:</b> 21 <sup>st</sup> April, 4 <sup>th</sup> and 11 <sup>th</sup> May, 7 <sup>th</sup> June, 17 <sup>th</sup> July, 9 <sup>th</sup> October, 1 <sup>st</sup> and 20 <sup>th</sup> December <b>2018:</b> 17 <sup>th</sup> January, 8 <sup>th</sup> and 12 <sup>th</sup> March

Corporate Social Responsibility (CSR), Safety and Sustainability Committee was re-constituted by inducting Mr. Arabinda Guha as Member.

Reconstituted the Nomination & Remuneration Committee by inducting Mr. Banmali Agrawala as Permanent Invitee.

## B. DIRECTORS

### Appointment of Mr Banmali Agrawala as Non-Executive Director.

Based on the recommendations of Nomination and Remuneration Committee, Mr. Banmali was appointed as Additional Director (Non-Executive) effective 3<sup>rd</sup> February 2018. The Board is of the opinion that the skills and knowledge of Mr. Banmali would be of immense help to the business interests of the Company. Proposal for his appointment as Director is being placed before the shareholders for approval at the ensuing Annual General Meeting.

### Reappointment of Mr Samir Kumar Barua as Independent Director.

Based on the recommendations of Nomination and Remuneration Committee, Mr. S.K. Barua was reappointed as Independent Director for a second term of three years effective 25<sup>th</sup> March 2018. The Board is of the opinion that the skills and knowledge of Mr. Barua would be of immense help to the business interests of the Company. Proposal for his re-appointment as Independent Director is being placed before the shareholders for approval at the ensuing Annual General Meeting.

### Independent Directors

Pursuant to Section 149(7) of Companies Act 2013, Independent Directors have given declaration stating that they meet the criteria of independence as specified under section 149 (6) of the Act and Board was also satisfied that they meet the criteria for independence as laid down in Companies Act, 2013.

### Directors Retirement by Rotation

As per the provisions of Companies Act, 2013 and Articles of Association of Company, Mr. S Ramakrishnan, and Mr. Parashuram G Date retire by rotation and being eligible, offer themselves for re-appointment.

None of the Directors of your Company are in receipt of commission from any of the subsidiary Companies and your Company doesn't have a holding Company. Further, none of the Directors of your Company is the Managing

or Wholetime Director of any subsidiary Company. During the year, the Non-Executive Directors of the Company had no pecuniary relationship or transactions with the Company, other than sitting fees, commission and reimbursement of expenses incurred by them for the purpose of attending meetings of the Company.

## C. POLICIES

### 1. Disclosure as per the Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013

Company has adopted a policy on prevention, prohibition and redressal of sexual harassment at workplace in line with provisions of Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act 2013 and Rules thereunder. Written complaints received by the Company are systematically and in time bound manner dealt by the Company.

### 2. Vigil Mechanism

Your Company has adopted a Whistle Blower Policy as required under Section 177(9) of the Companies Act 2013. The Policy has been formulated with a view to provide mechanism for directors and employees of the Company to approach the Ethics Counsellor / Chairman of Audit Committee of the Company in case of any concern. The Whistle Blower Policy may be accessed on the Company's Website.

Your company has also adopted Anti-Fraud Policy to enumerate the measures that the Company shall implement to deter, prevent and detect fraud(s). The Anti-Fraud Policy may be accessed on the Company's Website.

### 3. Risk Management Policy

Your Company has developed and adopted a Risk Management Policy, which *inter alia* covers identification of elements of risks. There is a formally devised risk reporting system in place. Risk Management Committee has also been constituted comprising of a Director and senior officials of the Company

Risk Management Committee has been entrusted with the responsibility to assist the Board in (a) overseeing and approving the Company's enterprise wide risk management framework; and (b) overseeing that all risks that the organization faces such as strategic, financial, credit, market liquidity, security, property, IT, legal, regulatory, reputational and other risks have been identified and assessed. There is an adequate risk management mechanism. Board and Audit Committee reviews the major risks.

Your Company monitors and reports on principal risks and uncertainties that can impact its ability to achieve its strategic objectives. Company's management systems, organizational structures, processes, standards and code of conduct and monitors the way the business of your Company is conducted and associated risks are managed.

## D. INTERNAL CONTROLS

### 1. Internal Audit

Your Company has an Internal Audit department headed by a qualified Chartered Accountant and manned by a team of qualified Accountants and a technical member. The function is also supported by an external Firm of Chartered Accountants who also conduct audits and brings in external perspectives, industry benchmarks and best practices. A risk-based approach leads to preparation of an annual audit plan, with a mix of process and project reviews and its audit execution. The annual plan of audit is discussed and approved in a meeting of the Audit Committee. The audit reports are tabled regularly before the Audit Committee and the agreed upon remediation plans are taken up for implementation, to ensure continuous improvement of systems and processes across the organization.

Independence of Internal Audit function is maintained through functional reporting of Internal Audit to the Audit Committee.

### 2. Internal Financial Controls

Your Company has implemented Internal Financial Controls over Financial Reporting through policies, procedures and guidelines. The approved Schedule of Powers are used to control the approval process for



various activities, based on hierarchical value limits. A combination of these systems will enable your Company to maintain a robust design of controls and its operating effectiveness is ensured from time to time through internal checks and audit.

The Statutory Auditor of your Company has also given an opinion that the Internal Financial Controls over Financial Reporting are adequate and are operating effectively at the end of the financial year.

#### **DIRECTORS' RESPONSIBILITY STATEMENT**

Pursuant to Sections 134 (3) (c) and 134 (5) of Companies Act 2013, for the year ended 31<sup>st</sup> March 2018, based on controls and compliance systems established and maintained by Company, reports by internal, statutory, cost and secretarial auditors and external consultant(s); reviews performed by management and relevant Board Committees, including Audit Committee, Board is of opinion that your Company's controls were adequate and effective during financial year 2017-18. Accordingly, Board of Directors, to the best of their knowledge and ability, confirm that

- (a) In preparation of annual accounts, applicable accounting standards have been followed and that there are no material departures;
- (b) In selection of accounting policies, Directors have consulted statutory auditors and have applied policies consistently, made judgments and estimates that are reasonable and prudent so as to give a true and fair view of state of affairs of Company at the end of financial year and of the profit of Company for that period;
- (c) Directors have taken proper and sufficient care, to the best of their knowledge and ability, for maintenance of adequate accounting records in accordance with provisions of Companies Act 2013, for safeguarding the assets of Company and for preventing, detecting fraud and other irregularities;
- (d) Directors have prepared annual accounts on a going concern basis;
- (e) Directors had laid down Internal Financial Controls (IFC) to be followed by the Company and that such internal financial controls are adequate and were operating effectively; and
- (f) Directors have devised proper systems to ensure compliance with provisions of all applicable laws and that such systems were adequate and operating effectively.

#### **REMUNERATION POLICY**

Based on recommendations of Nomination and Remuneration Committee (NRC), Board had adopted the Remuneration Policy for Directors, Key Managerial Personnel and other employees as required under Section 178 (3) of the Companies Act 2013.

#### **ANNUAL EVALUATION OF THE BOARD**

- Pursuant to the provisions of Companies Act, Board carried out an annual evaluation of Board as a whole, the Committees and performance of Directors individually.
- Feedback was sought from each Director about views on performance of Board and other Directors covering various aspects of Board's functioning such as degree of fulfilment of key responsibilities, Board structure and composition, establishment and delineation of responsibilities to various Committees, effectiveness of Board related information and functioning, Board culture and dynamics, quality of relationship between the Board and Management and efficacy of communication with external stakeholders.
- NRC appointed one of its Member to interact with each director and evaluate the process.
- Nomination and Remuneration Committee (NRC) then discussed the above feedback received from all Directors.
- The nominated Member made presentation to the Board about his findings.
- Post the meeting of Independent Directors, their collective feedback on performance of Board (as a whole) was discussed with Chairman of Board. The same was also presented to the Board of Directors.
- Every statutorily mandated committee of the Board conducted a self-assessment of its performance and these assessments were also presented to the Board for consideration. Areas on which Committees of the Board were assessed included degree of fulfilment of key responsibilities, adequacy of Committee composition and effectiveness of meetings.
- Board then reviewed the performance of all Directors (including Independent Directors), as a whole and of its various Committees.

## PARTICULARS OF THE EMPLOYEES

Information required under Section 197(12) of the Companies Act 2013 read with Rule 5 of the Companies (Appointment and Remuneration of Managerial Personnel) Rules 2014 are available for inspection at the registered office of your Company during working hours and any Member interested in obtaining such information may write to the Company Secretary.

## CORPORATE SOCIAL RESPONSIBILITY (CSR) AND AFFIRMATIVE ACTION

Your Company formulated CSR Policy. The initiatives and identified areas include skill development, safe drinking water and clean sanitation and education. Your Company successfully trained youth in construction skills, tower erection and RO plant technicians. During the year about 2621 students benefitted by way of support through training and scholarship.

The Candidates trained under entrepreneurship development program from affirmative action communities have successfully set up businesses and developed social entrepreneurs to provide safe drinking water to rural community on a sustainability model. During the year 22 social entrepreneurs were developed, impacting 15.24 lac people through safe drinking water, connecting RO reject water to tribal school toilets impacting 10,150 students and awareness on clean sanitation in 277 villages impacting 49.48 lac people.

Implementation and monitoring of CSR Policy is in compliance with the CSR objectives and policy of your Company. Annual Report on CSR activities is given in **Annexure - 1** and forms part of this report.

## CONSERVATION OF ENERGY, TECHNOLOGY ABSORPTION, FOREIGN EXCHANGE EARNINGS AND OUTGO

Particulars prescribed under Section 134(3)(m) of the Companies Act 2013 and read with Rule 8(3) of Companies (Accounts) Rules 2014 relating to conservation of energy, technology absorption, foreign exchange earnings and outgo are given in **Annexure - 2** and forms part of this report. Also please refer to "Sustainability" reporting on page 10.

## EXTRACT OF THE ANNUAL RETURN OF THE COMPANY

An extract of Annual Return as provided under Section 92(3) of Companies Act 013 in form MGT-9 is as per **Annexure - 3** and forms part of this report

## PARTICULARS OF LOANS, GUARANTEES, INVESTMENTS AND BORROWINGS

- The overall borrowings of your Company is within the limits specified under the provisions of Companies Act 2013.
- Further the details of loans, guarantees, securities and investments (reported in form MBP-2), pursuant to Section 186 of Companies Act 2013 made by the Company are as per **Annexure - 4** and forms part of this report.

## PARTICULARS OF CONTRACTS OR ARRANGEMENTS WITH THE RELATED PARTIES

- Related party transactions can present a potential or actual conflict which may be against the best interest of the Company and its shareholders. Considering the requirements for approval of related party transactions as prescribed under the Companies Act 2013, your Company has formulated Policy for identification of related parties and the proper conduct and documentation of the related party transactions.
- All related party transactions during the financial year 2017-18 were in the ordinary course of business and satisfied the test of arm's length.
- Particulars of contracts or arrangements with related parties in form No. AOC-2 as required pursuant to provisions of Section 134(3)(h) and Rule 8 of Companies (Accounts) Rules, 2014 are as per **Annexure - 5** and forms part of this report.

## SECRETARIAL AUDIT REPORT

Board of Directors of your Company appointed Shalini Deendayal & Associates, Practicing Company Secretary, Hyderabad as secretarial auditor, to carry on secretarial audit for financial year 2017-18. Report as required under Section 204 of Companies Act 2013 in form MR-3 is attached to this report as **Annexure - 6** and forms part of this report. The Secretarial Auditor report for the financial year 2017-18 does not contain any qualification, reservation or adverse remarks.

### **STATUTORY AUDITORS**

- M/s Price Waterhouse & Co., Chartered Accounts LLP, Hyderabad have been appointed as Statutory Auditors to audit the accounts of the company for a period of 5 (five) years from 2017-18 onwards.
- The Auditors Report for the financial year 2017-18 does not contain any qualification, reservation or adverse remarks.

### **COST AUDITORS**

Board of Directors have appointed M/s Nageswara Rao & Co., Cost Accountants, Hyderabad as Cost Auditors of the company for the financial year 2018-19. Remuneration payable to the cost auditor is proposed at ensuing AGM for ratification by members.

### **CHANGE IN THE NATURE OF BUSINESS**

Basic nature of business of your Company remains same and there is no change in business.

### **PARTICULARS OF DEPOSITS**

During the year under review, your Company has neither accepted any deposits covered under Chapter V of the Companies Act 2013 nor accepted deposits which are not in compliance with the requirements of Chapter V.

### **MATERIAL CHANGES AND COMMITMENTS, IF ANY AFFECTING THE FINANCIAL POSITION, OCCURRED BETWEEN END OF THE FINANCIAL YEAR AND THE DATE OF THE REPORT**

There are no material changes or commitments occurred between end of financial year and date of report which could affect the financial position of your Company.

### **PARTICULARS OF SIGNIFICANT AND MATERIAL ORDERS**

During the year under review, there were no significant and/or material orders passed by any Regulator/ Court/ Tribunals which could impact the going concern status of your Company and its operations in future.

### **ACKNOWLEDGMENTS**

Directors wish to place on record their sincere appreciation for continued support received during the year from shareholders, customers both in India and abroad, suppliers and vendors, banks, financial institutions, Tata Companies, business associates, Joint Venture partners and other authorities.

Board wishes to place on record its keen appreciation to all employees of Company whose enthusiasm, dedication and co-operation have made Company's excellent performance possible.

**On behalf of the Board of Directors**

Place: Mumbai  
Date: 3<sup>rd</sup> May 2018

**Sowmyan Ramakrishnan**  
Chairman  
DIN: 00005090

## ANNUAL REPORT ON CSR ACTIVITIES

1. Brief outline of the Company's policy, including overview of projects/programs proposed to be undertaken are as follows

Tata Projects, believes that we have a responsibility towards society. We believe in positively impacting and supporting both the environment and the communities. Company shall give preference to the local area and areas around it where it operates, focusing on sustainability of our programs and empowerment of our communities.

We shall strive to align with the Tata Group CSR and other national and internal goals like the Millennium Development Goals (MDG), in line with the schedule VII of the Companies Act, 2013, as recommended by the CSR committee of the Board and approved by the Board from time to time. Tata Projects will participate in Group CSR Initiatives in the area of Skill, Water and Disaster Response.

We are committed to improving the quality of life of members of the community, especially the under privileged, and wherever possible, we interact with identified NGOs and augment their efforts in this direction.

We shall play an active role in promotion of inclusive growth through deployment of Affirmative Action initiatives to drive significant impact.

This policy may be viewed at our web link i.e., [www.tataproperties.com](http://www.tataproperties.com)

Company aligns with the Tata Group CSR / AA and other national and internal goals like the Sustainable Development Goals (SDG). Focus areas of CSR activities include:

**Water and Sanitation:** The objective is to provide safe drinking water through a social entrepreneurship model and create awareness on clean sanitation. Established 22 RO Plants at 22 locations, created Awareness on Health, Water and Clean Sanitation in 277 locations, connected the reject water of the RO Plants to 13 locations for Hydroponics and in 22 locations to Kitchen garden for growing vegetable.

**Skill Development:** The objective is to support the National Skill Development and help Industries to move to a virtuous circle of higher productivity, employment, income growth, enhance employability and development of the Underprivileged. 2545 Youth and Women are benefited in Skill and Entrepreneurship Development trainings. Trained 1989 youth in various construction works, helping them to get placements.

**Education:** To improve literacy/education efforts by participating in various Government schemes and initiatives of other Corporates and Non-Governmental Organizations (NGOs). These programs benefited 3062 government school children from 30 schools through various educational interventions. Adopted 64 students under Affirmative Action to support till graduation through various interventions.

2. CSR Committee presently consists of Mrs. Neera Saggi as Chairperson, Mr. Parashuram G Date, Mr. Vinayak K Deshpande and Mr. Arabinda Guha as members
3. Average Net profits for last three financial years for the purpose of computation of CSR spending: Rs.139.81 crore
4. Prescribed CSR expenditure (2% of Average Net Profit): Rs.2.80 crore
5. Details of CSR spent for financial year:
  - a) Total amount to be spent for the financial year: Rs.2.80 crore
  - b) Amount Spent is Rs.3.00 crore
  - c) Amount unspent, if any: Nil

(d) Manner in which the amount spent during the financial year

Amount in ₹

S.No.	CSR Project or Activity Identified	Sector in which the project is covered	Projects or programs (1) Local area or other (2) Specify the State and District where projects or programs were undertaken	Amount outlay (budget) project or program wise	Amount spent on the projects or programs Sub-heads: (1) Direct expenditure on project or program (2) Over-heads		Cumulative expenditure up to the reporting period	Amount spent Directly or through implementing agency*
					Direct Exp.	Over Heads		
1.	Skill Development	Employment enhancing vocational skills especially amongst children, women, elderly and differently abled	Telangana- Hyderabad, RangareddyDist, Andhra Pradesh - Srikakulam, Rajahmundry Maharashtra - Nashik, Nagpur Odisha- Kendrapad/Rourkela, Nayagarh, Koraput	6,500,000	6,910,934	568,160	7,479,094	Implementing Agency – Sir Ratan Tata Trust, NGOs and TPCDT
2.	Water & Sanitation	Sanitation and making available clean drinking water	Andhra Pradesh - Srikakulam, Vizianagaram, Vishakapatnam, Nellore, Chittoor, Anantpur Telangana- Hyderabad, Rangareddy, Karimnagar, Mahaboobnagar, Warangal, Adilabad Maharashtra- Sangli, Jalgaon Tamilnadu- Cuddalore Kashmir Uttar Pradesh- Noida, Varanasi	11,800,000	11,488,932	955,521	12,444,453	NGOs and Direct
3.	Education	Promoting Education including special education, especially amongst children, women, elderly & the differently abled	Telangana - Hyderabad, Rangareddy Dist, Maharashtra - Nagpur Tamilnadu - Kundankulam	1,500,000	1,956,902	119,551	2,076,453	Direct

(d) Manner in which the amount spent during the financial year

Amount in ₹

S.No.	CSR Project or Activity Identified	Sector in which the project is covered	Projects or programs (1) Local area or other (2) Specify the State and District where projects or programs were undertaken	Amount outlay (budget) project or program wise	Amount spent on the projects or programs Sub-heads: (1) Direct expenditure on project or program (2) Over-heads		Cumulative expenditure up to the reporting period	Amount spent Directly or through implementing agency*
					Direct Exp.	Over Heads		
4.	Community Development	Rural development poroject	Uttar Pradesh- Ghazipur Bihar- Madhubani, Haryana- Gurgaon, Maharashtra- Nagpur, Mumbai Sikkim- Namchi	10,200,000	7,823,398	180,000	8,003,398	NROs and Direct
			<b>Total</b>	<b>3,00,00,000</b>	<b>28,180,166</b>	<b>1,823,232</b>	<b>30,003,398</b>	

6. In case the Company has failed to spend 2% of the average Net Profit of the last 3 financial years or any part thereof, the Company shall provide the reasons for not spending the amount in its Boards' Report - Not Applicable.

**Vinayak KDeshpande**  
 Managing Director  
 DIN : 00036827

**Sowmyan Ramakrishnan**  
 Chairman  
 DIN: 00005090

## CONSERVATION OF ENERGY, TECHNOLOGY ABSORPTION

### A. Conservation of energy

#### Steps taken or impact on conservation of energy

- 1) Continuous use of Real Time Auto Power Factor Control Panel to maintain Unity Power Factor, for which the Company Received Rs 9,73,113/- as an incentive.
- 2) Use of 250 W induction lamps in production shop in place of 400 W High Bay Metal Halide Mercury Vapour Lamps (50 Numbers) saved 51,150 KWH power, resulted in saving of Rs 4,07,795/-.
- 3) Improved the utilization of galvanizing furnace by maintaining continuous feed and maintained constant heat throughput by proper setting of burners, which resulted in saving of Ignite Oil by 3.64% (18.821KL) and saved Rs 8,55,654/- during the year.
- 4) Improved the utilization of Fabrication furnace by maintaining continuous feed and maintained constant heat throughput by proper setting of burners, and modified bending Die which resulted in saving of Ignite Oil by 22.97% i.e 55.755 KL fuel and saved Rs 25,62,130/- during the year.
- 5) Across all sites, regional and corporate offices the Company has done LEDification by using LED lights towards efficient usage of power.

### B. Technology absorption

- I. Efforts made towards technology absorption  
For treatment of High TDS Water, Vapour Distillation process adopted. It was used for the first time for such high TDS water having TDS more than 3,50,000 Plus.
- II. Benefits derived like product improvement, cost reduction, product development or import substitution;

### C. Cost Reduction

- 1) By controlling process and dipping time, reduced Zinc consumption by 0.54%, In Terms of Qty- 7MT with reference to last year production and saved Rs 15,75,658/-.
- 2) Efforts were made to reduce wire consumption by 301 gram/ Mt w.r.t. last year consumption pattern and saved 10.02 Mt of wire and thus saved Rs 4,23,528/-
- 3) Continue use of top up method for Pickling process resulting into saving of 4.37 kg/Mt of acid Qty. Saved is 146 MT of acid. Total cost saved against fresh acid purchase, disposal cost, chemical required for Neutralization etc comes to Rs.11,52,322/-
- 4) By Controlling wire consumption of Bundling by introducing two thickness, size wise cutting as per bundle size and change the way of wire weaving saving resulted into saving of GI Wire to the tune of 22.567mt and in terms of cost saved Rs10,92,890/-.
- 5) Company undertook several initiatives to reduce power, fuel and energy consumption, such as:
  - a. Reducing travel by encouraging meetings through VC and conference calls
  - b. Pooling of vehicles to transport workers at project sites
  - c. Replacement of vehicles which are more than five years by new and more energy efficient vehicles.
  - d. Reducing paper consumption by using online communication
  - e. Installing roof top solar panels at all new project site offices to generate green power. Shifting from generators to Grid Power thereby reducing HSD consumption
  - f. Energy saving gadgets are installed, wherever possible.

### C. Foreign exchange earnings and Outgo

₹ in crores

Earnings/ Outgo	Year ended 31 <sup>st</sup> March 2018	Year ended 31 <sup>st</sup> March 2017
Earnings	610.42	436.17
Outgo	509.48	401.25

**Sowmyan Ramakrishnan**  
Chairman  
DIN: 00005090

**Form MGT- 09**

Extract of Annual Return as on the financial year ended on 31<sup>st</sup> March 2017 [Pursuant to Section 92(3) of Companies Act 2013 and Rule 12(1) of Companies (Management and Administration) Rules, 2014]

**I. REGISTRATION AND OTHER DETAILS**

i.	Company Identification Number (CIN)	U45203TG1979PLC057431
ii.	Registration Date	20th February 1979
iii.	Name of the Company	Tata Projects Limited
iv.	Category / Sub-Category of the Company	Indian, Non-Government Company Limited by Shares
v.	Address of the Registered office and contact details	Mithona Towers - 1, 1-7-80 to 87, Prenderghast Road, Secunderabad - 500003
vi.	Whether listed Company (Yes/No)	No
vii.	Name, Address and Contact details of Registrar and Transfer Agent, if any	TSR Darashaw Ltd.

**II. PRINCIPAL BUSINESS ACTIVITIES OF THE COMPANY**

All business activities contributing 10% or more of total turnover of Company shall be stated

Company operates its business through Four Strategic Business Groups (SBGs) Viz., Industrial Systems, Core Infra, Urban Infrastructure and Quality Services.

Sl. No.	Name and Description of main products / services	NIC Code of the Product/ service - 2008	% to total turnover of the Company
1.	Industrial Infrastructure	331,360,410,421,422,429, 711,712 and 854	81%

**III. PARTICULARS OF HOLDING, SUBSIDIARY AND ASSOCIATE COMPANIES**

Sl. No.	Name and Address of the Company	CIN/GLN (Global Location Number)	Holding/ Subsidiary/ Associate	% of shares Held	Applicable section
1	Artson Engineering Limited	L27290MH1978PLC020644	Subsidiary	75	2(87)
2	TEIL Projects Limited (under winding up)	U74140DL2008PLC180897	Associate	50	2(6)
3	Ujjwal Pune Limited (formerly Tata Projects Infrastructure Ltd.)	U45200TG2013PLC088608	Subsidiary	100	2(87)
4	TQCert Services Private Limited (formerly FoodCert India Private Limited)	U74220TG2003PTC040523	Subsidiary	100	2(87)
5	TPL - TQA Quality Services South Africa (Proprietary) Limited	2009/012351/07	Subsidiary	60	2(87)
6	TQ Services Mauritius Pty Ltd (formerly TPL - TQA Quality Services (Mauritius) Pty Limited)	083234C1/GBL	Subsidiary	100	2(87)
7	TQ Services Europe GmbH, Germany	HRB 68170	Subsidiary	100	2(87)



### III. PARTICULARS OF HOLDING, SUBSIDIARY AND ASSOCIATE COMPANIES

Sl. No.	Name and Address of the Company	CIN/GLN (Global Location Number)	Holding/ Subsidiary/ Associate	% of shares Held	Applicable section
8	TPL-Asara Engineering South Africa (Proprietary) Limited	2014/193249/07	Subsidiary	70	2(87)
9	Al-TawleedforEnergy&PowerCo.,LLC (under Liquidation)101/101000/8375	Associate	30	2(6)	
10	Industrial Quality Services LLC, Oman	1229852	Subsidiary	70	2(87)
11	Nesma Tata Projects Limited Co (Mixed LLC), Jeddah, Saudi Arabia	4030291761	Associate	50	2(6)
12	Ind Project Engineering (Shanghai) Co Ltd	91310000MA1FP33B6J	Subsidiary	100	2(87)
13	Arth DesignBuild India Pvt. Ltd.	U74900TG2014PTC095476	Associate	26	2(6)

### IV. SHARE HOLDING PATTERN (Equity Share Capital Breakup as percentage of Total Equity)

#### i) Category-wise Share Holding

Category of Shareholders	No. of Shares held at the beginning of the year				No. of Shares held at the end of the year				% Change during the year
	Demat	Physical	Total	% of Total Shares	Demat	Physical	Total	% of Total Shares	
<b>A. Promoters</b>									
<b>(1) Indian</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>
a) Individual / HUF	0	0	0	0.00%	0	0	0	0.00%	0
b) Central Government	0	0	0	0.00%	0	0	0	0.00%	0
c) State Government	0	0	0	0.00%	0	0	0	0.00%	0
d) Bodies corporate	0	0	0	0.00%	0	0	0	0.00%	0
e) Bank/ Financial Institutions	0	0	0	0.00%	0	0	0	0.00%	0
f) any other	0	0	0	0.00%	0	0	0	0.00%	0
<b>Sub-total (A) (1)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>
<b>(2) Foreign</b>									
a) NRIs-Individuals	0	0	0	0.00%	0	0	0	0.00%	0
b) Other – Individuals	0	0	0	0.00%	0	0	0	0.00%	0
c) Bodies corp.	0	0	0	0.00%	0	0	0	0.00%	0
d) Banks/FI	0	0	0	0.00%	0	0	0	0.00%	0
e) Any other	0	0	0	0.00%	0	0	0	0.00%	0
<b>Sub-total (A) (2)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>
<b>Total Shareholding of Promoters (A)=(A)(1)+(A)(2)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>
<b>B. Public Shareholding</b>									
<b>1. Institutions</b>									
a) Mutual Funds	0	0	0	0.00%	0	0	0	0.00%	0
b) Banks / Financial Institutions	0	0	0	0.00%	0	0	0	0.00%	0
c) Central Government	0	0	0	0.00%	0	0	0	0.00%	0
d) State Government	0	0	0	0.00%	0	0	0	0.00%	0
e) Venture Capital Funds	0	0	0	0.00%	0	0	0	0.00%	0

**IV. SHARE HOLDING PATTERN (Equity Share Capital Breakup as percentage of Total Equity)**
**i) Category-wise Share Holding (Contd...)**

Category of Shareholders	No. of Shares held at the beginning of the year				No. of Shares held at the end of the year				% Change during the year
	Demat	Physical	Total	% of Total Shares	Demat	Physical	Total	% of Total Shares	
f) Insurance Companies	0	0	0	0.00%	0	0	0	0.00%	0
g) FIs	0	0	0	0.00%	0	0	0	0.00%	0
h) Foreign Venture Capital Funds	0	0	0	0.00%	0	0	0	0.00%	0
l) Others (specify)	0	0	0	0.00%	0	0	0	0.00%	0
<b>Sub-total (B)(1)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>
<b>2. Non-Institutions</b>									
a) Bodies Corporate									
i) Indian	1536560	0	1536560	75.88	1536560	0	1536560	75.88	NIL
ii) Overseas	488440	0	488440	24.12	488440	0	488440	24.12	NIL
b) Individuals									
l) Individual Shareholders holding nominal share capital up to Rs. 1 Lakh	0	0	0	0.00%	0	0	0	0.00%	0
ii) Individual Shareholders holding nominal share capital in excess of Rs. 1 Lakh	0	0	0	0.00%	0	0	0	0.00%	0
<b>c) Others (specify)</b>									
l. Non Resident Individual	0	0	0	0.00%	0	0	0	0.00%	0
<b>Sub-total (B)(2)</b>	<b>2025000</b>	<b>0</b>	<b>2025000</b>	<b>100%</b>	<b>2025000</b>	<b>0</b>	<b>2025000</b>	<b>100%</b>	<b>NIL</b>
<b>Total Public Shareholding (B)=(B)(1)+(B)(2)</b>	<b>2025000</b>	<b>0</b>	<b>2025000</b>	<b>100%</b>	<b>2025000</b>	<b>0</b>	<b>2025000</b>	<b>100%</b>	<b>NIL</b>
<b>C. Shares held by Custodian for GDR &amp; ADR</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>
<b>Grand Total (A+B+C)</b>	<b>2025000</b>	<b>0</b>	<b>2025000</b>	<b>100%</b>	<b>2025000</b>	<b>0</b>	<b>2025000</b>	<b>100%</b>	<b>NIL</b>

**(ii) Shareholding of Promoters**

Sl. No.	Shareholder's Name	Shareholding at the beginning of the year			Shareholding at the end of the year			% change in share holding during the year
		No. of Shares	% of total Shares of the Company	% of Shares Pledged / encumbered to total shares	No. of Shares	% of total Shares of the Company	% of Shares Pledged / encumbered to total shares	
1.	NIL	0	0.00%	0.00%	0	0.00%	0.00%	0.00%

**(iii) Change in Promoters' Shareholding (please specify, if there is no change)**

Sl. No.	Particulars	Shareholding at the beginning of the year		Shareholding at the end of the year	
		No. of shares	% of total shares of the Company	No. of shares	% of total shares of the Company
1	<b>At the beginning of the year</b>	0	0.00%	0	0.00%
	Date wise Increase / Decrease in Promoters Shareholding during the year specifying the reasons for increase / decrease (e.g. allotment/transfer/ bonus/ sweat equity etc.,)	0	0.00%	0	0.00%
2	<b>At the End of the year</b>	0	0.00%	0	0.00%

**iv) Shareholding Pattern of top ten Shareholders (other than Directors, Promoters and Holders of GDR and ADR)**

Sl. No.	For each of the Top 10 shareholders	Shareholding at the beginning of the year		Cumulative Shareholding during the year		Date wise Increase / Decrease in Shareholding during the Year specifying reasons for increase/ decrease			At the end of the year (or the date)	
		No. of shares	% of Total shares of the Company	No. of shares	% of Total shares of the Company	Date	No. of shares	Increase/ (Decrease)	No. of shares	% of Total shares of the Company
1	The Tata Power Company Limited	9,67,500	47.78	9,67,500	47.78	Nil	Nil	Nil	9,67,500	47.78
2	Omega TC Holdings PTE LTD	4,88,440	24.12	4,88,440	24.12	Nil	Nil	Nil	4,88,440	24.12
3	Tata Chemicals Limited	1,93,500	9.56	1,93,500	9.56	Nil	Nil	Nil	1,93,500	9.56
4	Tata Sons Limited	1,35,000	6.67	1,35,000	6.67	Nil	Nil	Nil	1,35,000	6.67
5	Voltas Limited	1,35,000	6.67	1,35,000	6.67	Nil	Nil	Nil	1,35,000	6.67
6	Tata Industries Limited	60,750	3.00	60,750	3.00	Nil	Nil	Nil	60,750	3.00
7	Tata Capital Limited	44,810	2.20	44,810	2.20	Nil	Nil	Nil	44,810	2.20

**v) Shareholding of Directors and Key Managerial Personnel (KMP)**

Sl. No.	For Each of the Directors and KMP	Shareholding at the beginning of the year		Cumulative Shareholding during the year	
		No. of shares	% of total shares of the Company	No. of shares	% of total shares of the Company
1	<b>At the beginning of the year</b>	0	0.00%	0	0.00%
	Date wise Increase / Decrease in Promoters Shareholding during the year specifying the reasons for increase / decrease (e.g. allotment / transfer / bonus/ sweat equity etc.,)	0	0.00%	0	0.00%
2	<b>At the End of the year</b>	0	0.00%	0	0.00%

**V. INDEBTEDNESS**
**Indebtedness of the Company including interest outstanding/accrued but not due for payment**

(Amount in Lakh)

Particulars	Secured Loans excluding deposits	Unsecured Loans	Deposits	Total Indebtedness
<b>Indebtedness at the beginning of the financial year</b>				
i) Principal Amount	53,095.49	15,000.00	-	68,095.49
ii) Interest due but not paid	-	-	-	-
iii) Interest accrued but not due	293.69	-	-	293.69
<b>Total (i + ii + iii)</b>	<b>53,389.18</b>	<b>15,000.00</b>	-	<b>68,389.18</b>
<b>Change in Indebtedness during the financial year</b>				
Addition	17408.15	88252.52	-	1,05,660.67
Reduction	18442.95	5,000.00	-	23,442.95
Net Change	(1,034.80)	83252.52	-	82,217.72
<b>Indebtedness at the end of the financial year</b>				
i) Principal Amount	52,323.68	98,252.52	-	150,576.20
ii) Interest due but not paid	-	-	-	-
iii) Interest accrued but not due	30.70	-	-	30.70
<b>Total (i+ii+iii)</b>	<b>52,354.38</b>	<b>98,252.52</b>	-	<b>1,50,606.90</b>

**VI. REMUNERATION OF DIRECTORS AND KEY MANAGERIAL PERSONNEL**
**A. Remuneration to Managing Director, Whole-time Directors and/or Manager**

(Amount in Rs.)

Sl. No.	Particulars of Remuneration to Managing Director	Mr Vinayak K Deshpande	Mr Arabinda Guha (w.e.f 01.07.2017)
1.	<b>Gross salary</b>		
	(a) Salary as per provisions contained in section 17(1) of the Income-tax Act, 1961	<b>2,38,71,702</b>	<b>1,38,55,920</b>
	(b) Value of perquisites u/s17(2) Income-tax Act, 1961	<b>39,600</b>	<b>29,700</b>
	(c) Profits in lieu of salary under section 17(3) Income Tax Act, 1961	-	-
2.	Stock Option	-	-
3.	Sweat Equity	-	-
4.	Commission- as a % of profit	<b>3,50,00,000*</b>	<b>65,00,000*</b>
5.	- others, specify	-	-
	Others, please Specify (Royalty)	-	-
	<b>Total</b>	<b>5,89,11,302</b>	<b>2,03,85,620</b>
	<b>Ceiling as per the Act</b>	<b>15,51,21,000</b>	

 \*Commission relates to financial year ended 31<sup>st</sup> March 2018, which will be paid during the year FY 19.

## B. Remuneration to other Directors

(Amount in Rs.)

Sl. No.	Particulars of Remuneration	Name of Directors					
		Ms Neera Saggi	Mr Samir Kumar Barua	Mr S Ramakrishnan	Mr P N Dhume	Mr Padmanabh Sinha	Mr Banmali Agrawala
1		INDEPENDENT DIRECTORS			NON-INDEPENDENT NON EXECUTIVE DIRECTORS		
	Sitting fee for attending Board/ committee meetings and Independent Directors meeting	7,80,000	7,20,000	9,20,000	4,00,000	3,60,000	40,000
	Commission	27,50,000	27,50,000	33,00,000	--	22,00,000	--
	<b>Total</b>	<b>35,30,000</b>	<b>34,70,000</b>	<b>42,20,000</b>	<b>4,00,000</b>	<b>25,60,000</b>	<b>40,000</b>
	<b>Overall Ceiling as per the Act</b>	<b>for sitting fee Rs 1,00,000/- per meeting for Commission (1% of net profits) = Rs. 3,10,24,000/-</b>					

### Note

Sitting Fee Details for the FY 2017-18	
Type of Meeting	Amount in Rs.
Board Meeting	40,000 per meeting
Audit Committee Meeting	40,000 per meeting
Nomination and Remuneration Committee	20,000 per meeting
Project Review Committee	20,000 per meeting
Corporate Social Responsibility Committee	20,000 per meeting

## C. Remuneration To Key Managerial Personnel Other Than MD/Manager/WTD

(Amount in Rs.)

Sl. No.	Particulars of Remuneration	Key Managerial Personnel		
		Dr. A Rajamogili Company Secretary & Head-Legal (up to 31.08.2017)	B S Bhaskar Company Secretary (w.e.f. 03.02.2018)	Anil Khandelwal Chief Financial Officer
1.	<b>Gross Salary</b>			
	a. Salary as per provisions contained in section 17(1) of the Income-tax Act, 1961	47,82,884	4,21,094	1,56,07,884
	b. Value of perquisites u/s 17(2) Income-tax Act, 1961	-	-	32,640
	c. Profits in lieu of salary under section 17(3) Income tax Act, 1961	-	-	
2	Stock Option	-	-	
3	Sweat Equity	-	-	
4	Commission - as a % of profit - others, specify	-	-	
5	Other, please specify	-	-	
	<b>Total (A)</b>	<b>47,82,884</b>	<b>4,21,094</b>	<b>1,56,40,524</b>

## VII. PENALTIES/PUNISHMENT/COMPOUNDING OF OFFENCES

Type	Section of the Companies Act	Brief Description	Details of Penalty/ Punishment/ Compounding fees imposed	Authority [RD / NCLT / COURT]	Appeal made, if any (give Details)
<b>A. Company</b>					
Penalty	Nil	-	-	-	-
Punishment	Nil	-	-	-	-
Compounding	Nil	-	-	-	-
<b>B. Directors</b>					
Penalty	Nil	-	-	-	-
Punishment	Nil	-	-	-	-
Compounding	Nil	-	-	-	-
<b>C. Other Officers in Default</b>					
Penalty	Nil	-	-	-	-
Punishment	Nil	-	-	-	-
Compounding	Nil	-	-	-	-

**Sowmyan Ramakrishnan**  
Chairman  
DIN: 00005090

**ANNEXURE - 4**
**Form No. MBP-2**

Details of Loans, Guarantees, Security or Investments made by Company pursuant to Section 186 of the Companies Act 2013 are as provided below

₹ in crore

**Corporate Guarantees**

Name and address of the person or body corporate to whom it is made or given	Amount
IndusInd Bank, on behalf of Artson Engineering Ltd.	25.00
Bank of Baroda on behalf of CEC-ITD CEM-TPL Joint Venture	340.00
Kotak Mahindra Bank Ltd., on behalf of Ujjwal Pune Limited	9.00
Irrcon International Ltd., on behalf of Express Freight Railway Consortium	35.39
IndusInd Bank on behalf of Artson Engineering Ltd.,	15.00
Corporation Bank on behalf of Artson Engineering Ltd.,	6.00
Nesma Tata Projects Limited, LLC (NTPL)	225.00
<b>Total Corporate Guarantees</b>	<b>655.39</b>

**Loans and Inter-Corporate Deposits (ICDs)**

ICDs - NIL

**Loans**

₹ in crore

Name and address of the person or body corporate to whom it is made or given	Amount
Artson Engineering Limited, Powai, Mumbai	40.30
Daewoo-TPL JV -Mumbai Trans Harbour Link Project (MTHL)	11.00
<b>Total Loans</b>	<b>51.30</b>

**Investments**

₹ in crore

<b>Name and address of the person or body corporate whose securities have been acquired (Listed/ Unlisted entities)</b>	<b>Amount</b>
Tata Dilwoth Secord Meagher & Associates	0.02
AL-Tawleed for Energy & Power Company, KSA *	0.76
Artson Engineering Limited	2.77
TEIL Projects Limited	5.50
TQ Services (Mauritius) Pty Ltd (formerly TPL - TQA Quality Services (Mauritius) Pty Limited)	0.22
TPL-TQA Quality Services South Africa (Proprietary) Ltd., Durban	0.09
TQ Services Europe GmbH, Germany	1.00
Ujjwal Pune Limited (formerly known as Tata Projects Infrastructure Ltd.)	7.63
TQ Cert Services Private Limited (formerly FoodCert India Private Limited)	1.10
Industrial Quality Services LLC, Oman	3.03
Arth DesignBuild India Private Limited	5.82
<b>Total</b>	<b>27.94</b>

\*As the companies are under liquidation, the amount to the extent of investment is provided for in the books of account.

**Sowmyan Ramakrishnan**  
Chairman  
DIN: 00005090

**ANNEXURE - 5****Form No. AOC - 2**

Particulars of contracts or arrangements with related parties in Form No. AOC-2 as required pursuant to the provisions of Section 134(3)(h) and Rule 8 of the Companies (Accounts), Rules, 2014 are as provided below.

1. Details of contracts or arrangements or transactions not at arm's length basis: The Company has not entered into any contract or arrangement or transaction with its related parties which is not at arm's length during the financial year 2017-18.
2. Details of material contracts or arrangement or transactions at arm's length basis: NIL

**Sowmyan Ramakrishnan**  
Chairman  
DIN: 00005090



**Form No. MR-3**

Secretarial Audit Report of Tata Projects Limited for the financial year ended 31<sup>st</sup> March, 2018

[Pursuant to Section 204(1) of the Companies Act, 2013 and Rule No. 9 of the Companies (Appointment and Remuneration of Managerial Personnel) Rules, 2014]

To  
The Members  
**Tata Projects Limited**  
Mithona Towers-1, 1-7-80 to 87,  
Prenderghast Road,  
Secunderabad-500003  
Telangana

We have conducted the Secretarial Audit of the compliance of applicable statutory provisions and the adherence to good corporate practices by Tata Projects Limited (hereinafter called the Company). Secretarial Audit was conducted in a manner that provided us a reasonable basis for evaluating the corporate conducts/statutory compliances and expressing our opinion thereon.

Based on our verification of the books, papers, minute books, forms and returns filed and other records maintained by the Company and also the information provided by its officers, agents and authorized representatives during the conduct of secretarial audit; we hereby report that in our opinion, the Company has, during the audit period ended on 31st March, 2018, complied with the statutory provisions listed hereunder and also that the Company has proper Board processes and compliance mechanism in place to the extent, in the manner and subject to the reporting made hereinafter:

We have examined the books, papers, minutes books, forms, returns filed and other records maintained by the Company for the Financial year ended on 31st March, 2018 according to the provisions of:

1. The Companies Act, 2013 (the Act) and the Rules made thereunder;
2. The Depositories Act, 1996 and the Regulations and Bye-laws framed thereunder;
3. Foreign Exchange Management Act, 1999 and the Rules and Regulations made thereunder to the extent of Overseas Direct Investment;
4. Following other laws applicable to the Company:
  - i. The Factories Act, 1948 & Factory Rules
  - ii. Minimum Wages Act, 1948 & Central rules 1950
  - iii. Payment of Wages Act, 1936
  - iv. Equal Remuneration Act, 1976
  - v. Employees' State Insurance Act, 1948, Central Rules 1950 & General regulations 1950
  - vi. Employees' Provident Funds and Miscellaneous Provisions Act, 1952
  - vii. Payment of Bonus Act, 1965
  - viii. Employment Exchanges (Compulsory Notification of Vacancies) Act, 1959
  - ix. Payment of Gratuity Act, 1972 & Central rules, 1972
  - x. Contract Labour (Regulation and Abolition) Act, 1970
  - xi. Maternity Benefit Act, 1961
  - xii. The Child Labour (Prohibition and Regulation) Act, 1986
  - xiii. Industrial Employment (Standing Orders) Act, 1946 & Central Rules 1946
  - xiv. Industrial Disputes Act, 1947 & Rules 1957

- xv. The Inter state migrant Workmen (Regulation of Employment & condition of Service) Act, 1979 and Central Rules, 1980
- xvi. The Building and other Construction Works (Regulation of Employment & condition of Service) Act 1996 & Central Rules, 1998
- xvii. The Building and other Construction Works (Regulation of Employment & condition of Service) Cess Act, 1996
- xviii. The A.P. Shop & Establishments Act, 1988
- xix. The explosives Act, 1884 & Rules 2008
- xx. The Air (Prevention & Control of Pollution) Act 1981 & Rules 1983
- xxi. The Water (Prevention & Control of Pollution) Act 1974 & Rules 1975
- xxii. The Noise Pollution (Control & Regulation) Rules 2000 with Diesel generation Rules
- xxiii. The Environment Protection Act & Rules 1986
- xxiv. The Energy Conservation Act, 2003
- xxv. The Andhra Pradesh Fire Service Act, 1999 and Andhra Pradesh Fire Emergency & Operation and Levy of Fee Rules 2006
- xxvi. The Motor Vehicles Act, 1988 & Rules
- xxvii. The Public Liability Insurance Act, 1991
- xxviii. The Employees Compensation Act, 1923 & Central Rules 1924

The applicability of the above mentioned laws is based on the confirmation received from the Company's management.

We have also examined compliance with the applicable clauses of the secretarial standards issued by The Institute of Company Secretaries of India.

During the period under review the Company has complied with the provisions of the Act, Rules, Regulations, Guidelines, Standards, etc mentioned above

We further report that

The Board of Directors of the Company is duly constituted with proper balance of Executive Directors, Non-Executive Directors and Independent Directors. The changes in the composition of the Board of Directors that took place during the period under review were carried out in compliance with the provisions of the Act.

Adequate notice is given to all directors to schedule the Board Meetings, agenda and detailed notes on agenda were sent at least seven days in advance, and a system exists for seeking and obtaining further information and clarifications on the agenda items before the meeting and for meaningful participation at the meeting.

Majority decision is carried through while the dissenting members' views are captured and recorded as part of the minutes.

We further report that there are adequate systems and processes in the company commensurate with the size and operations of the company to monitor and ensure compliance with applicable laws, rules, regulations and guidelines.

Date: 25<sup>th</sup> April, 2018  
Place: Secunderabad

**For Shalini DeenDayal & Associates**  
Shalini DeenDayal  
FCS 3533 CP No. 2452

Note: This report is to be read with our letter of even date which is annexed as Annexure A and forms an integral part of this report.

To  
The Members  
**Tata Projects Limited**  
Mithona Towers-1, 1-7-80 to 87,  
Prenderghast Road,  
Secunderabad-500003  
Telangana

Our report for the even date to be read with the following Letter:

- i. Maintenance of secretarial record is the responsibility of the management of the company. Our responsibility is to express an opinion on these secretarial records based on our audit.
- ii. We have followed the audit practices and processes as were appropriate to obtain reasonable assurance about the correctness of the contents of the Secretarial records. The verification was done on test basis to ensure that correct facts are reflected in secretarial records. We believe that the processes and practices, we followed provide a reasonable basis for our opinion.
- iii. We have not verified the correctness and appropriateness of financial records and Books of Accounts of the company.
- iv. Where ever required, we have obtained the Management representation about the compliance of laws, rules and regulations and happening of events etc.
- v. The compliance of the provisions of Corporate and other applicable laws, rules, regulations, standards is the responsibility of management. Our examination was limited to the verification of procedures on test basis.
- vi. The Secretarial Audit report is neither an assurance as to the future viability of the company nor of the efficacy or effectiveness with which the management has conducted the affairs of the company.

**For Shalini DeenDayal & Associates**

Shalini DeenDayal  
Practicing Company Secretary  
Membership No.3533  
Certificate of Practice No.2452

Date: 25<sup>th</sup> April, 2018  
Place: Secunderabad





## Standalone Financial Statements



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## **INDEPENDENT AUDITORS' REPORT TO THE MEMBERS OF TATA PROJECTS LIMITED**

### **Report on the Standalone Indian Accounting Standards (Ind AS) Financial Statements**

1. We have audited the accompanying standalone financial statements of Tata Projects Limited ("the Company"), which comprise the Balance Sheet as at March 31, 2018, the Statement of Profit and Loss (including Other Comprehensive Income), the Cash Flow Statement, the Statement of Changes in Equity for the year then ended, and a summary of the significant accounting policies and other explanatory information.

### **Management's Responsibility for the Standalone Ind AS Financial Statements**

2. The Company's Board of Directors is responsible for the matters stated in Section 134(5) of the Companies Act, 2013 ("the Act") with respect to the preparation of these standalone Ind AS financial statements to give a true and fair view of the financial position, financial performance (including other comprehensive income), cash flows and changes in equity of the Company in accordance with the accounting principles generally accepted in India, including the Indian Accounting Standards specified in the Companies (Indian Accounting Standards) Rules, 2015 (as amended) under Section 133 of the Act. This responsibility also includes maintenance of adequate accounting records in accordance with the provisions of the Act for safeguarding of the assets of the Company and for preventing and detecting frauds and other irregularities; selection and application of appropriate accounting policies; making judgments and estimates that are reasonable and prudent; and design, implementation and maintenance of adequate internal financial controls, that were operating effectively for ensuring the accuracy and completeness of the accounting records, relevant to the preparation and presentation of the standalone Ind AS financial statements that give a true and fair view and are free from material misstatement, whether due to fraud or error.

### **Auditors' Responsibility**

3. Our responsibility is to express an opinion on these standalone Ind AS financial statements based on our audit.
4. We have taken into account the provisions of the Act and the Rules made thereunder including the accounting and auditing standards and matters which are required to be included in the audit report under the provisions of the Act and the Rules made thereunder.
5. We conducted our audit of the standalone Ind AS financial statements in accordance with the Standards on Auditing specified under Section 143(10) of the Act and other applicable authoritative pronouncements issued by the Institute of Chartered Accountants of India. Those Standards and pronouncements require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the standalone Ind AS financial statements are free from material misstatement.
6. An audit involves performing procedures to obtain audit evidence about the amounts and the disclosures in the standalone Ind AS financial statements. The procedures selected depend on the auditors' judgment, including the assessment of the risks of material misstatement of the standalone Ind AS financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal financial control relevant to the Company's preparation of the standalone Ind AS financial statements that give a true and fair view, in order to design audit procedures that are appropriate in the circumstances. An audit also includes evaluating the appropriateness of the accounting policies used and the reasonableness of the accounting estimates made by the Company's Directors, as well as evaluating the overall presentation of the standalone Ind AS financial statements.
7. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion on the standalone Ind AS financial statements.

## Opinion

8. In our opinion and to the best of our information and according to the explanations given to us, the aforesaid standalone Ind AS financial statements give the information required by the Act in the manner so required and give a true and fair view in conformity with the accounting principles generally accepted in India, of the state of affairs of the Company as at March 31, 2018, and its total comprehensive income (comprising of profit and other comprehensive income), its cash flows and the changes in equity for the year ended on that date.

## Other Matter

9. We did not audit the Ind AS financial statements of 1 joint operation included in the standalone Ind AS financial statements of the Company, which constitutes total assets of Rs.18,818.73 lakhs and net assets of Rs. 630.32 lakhs as at March 31, 2018, total revenue of Rs. 12,353.57 lakhs, total comprehensive income (comprising of profit and other comprehensive income) of Rs. 630.32 lakhs and net cash inflows amounting to Rs.1,051.29lakhs for the year then ended. These financial statements and other financial information have been audited by another auditor whose report has been furnished to us, and our opinion on the standalone Ind AS financial statements to the extent they have been derived from such financial statements is based solely on the report of such other auditor.
10. We did not audit the financial information of 1 joint operation included in the standalone Ind AS financial statements of the Company, which constitutes total assets of Rs.80.01lakhs and net assets of Rs.55.25lakhs as at March 31, 2018, total revenue of Rs. Nil, total comprehensive income (comprising of loss and other comprehensive income) of Rs.(0.06) lakhs and net cash inflows amounting to Rs.1.25lakhs for the year then ended. The unaudited financial information has been provided to us by the management, and our opinion on the Ind AS standalone financial statements of the Company to the extent they relate to this joint operation is based solely on such unaudited financial information furnished to us.
11. The Ind AS financial statements of the Company for the year ended March 31, 2017, were audited by another firm of chartered accountants under the Companies Act, 2013 who, vide their report dated May 12, 2017, expressed an unmodified opinion on those financial statements.
- Our opinion is not qualified in respect of these matters.

## Report on Other Legal and Regulatory Requirements

12. As required by the Companies (Auditor's Report) Order, 2016, issued by the Central Government of India in terms of sub-section (11) of section 143 of the Act ("the Order"), and on the basis of such checks of the books and records of the Company as we considered appropriate and according to the information and explanations given to us, we give in the Annexure B a statement on the matters specified in paragraphs 3 and 4 of the Order.
13. As required by Section 143 (3) of the Act, we report that:
- We have sought and obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purposes of our audit.
  - In our opinion, proper books of account as required by law have been kept by the Company so far as it appears from our examination of those books.
  - The Balance Sheet, the Statement of Profit and Loss (including other comprehensive income), the Cash Flow Statement and the Statement of Changes in Equity dealt with by this Report are in agreement with the books of accounts.
  - In our opinion, the aforesaid standalone Ind AS financial statements comply with the Indian Accounting Standards specified under Section 133 of the Act.
  - On the basis of the written representations received from the directors as on March 31, 2018 taken on record by the Board of Directors, none of the directors is disqualified as on March 31, 2018 from being appointed as a director in terms of Section 164 (2) of the Act.



- (f) With respect to the adequacy of the internal financial controls with reference to financial statements of the Company and the operating effectiveness of such controls, refer to our separate Report in Annexure A.
- (g) With respect to the other matters to be included in the Auditors' Report in accordance with Rule 11 of the Companies (Audit and Auditors) Rules, 2014, in our opinion and to the best of our knowledge and belief and according to the information and explanations given to us:
  - i. The Company has disclosed the impact, if any, of pending litigations as at March 31, 2018 on its financial position in its standalone Ind AS financial statements – Refer Note 33.1(i);
  - ii. The Company has made provision as at March 31, 2018, as required under the applicable law or accounting standards, for material foreseeable losses, if any, on long-term contracts including derivative contracts;
  - iii. There were no amounts which were required to be transferred to the Investor Education and Protection Fund by the Company during the year ended March 31, 2018;
  - iv. The reporting on disclosures relating to Specified Bank Notes is not applicable to the Company for the year ended March 31, 2018.

For **Price Waterhouse & Co Chartered Accountants LLP**

Firm Registration Number: 304026E/E-300009

**Sunit Kumar Basu**

Partner

Membership Number: 55000

Place : Hyderabad

Date : May 03, 2018

## **ANNEXURE A TO THE INDEPENDENT AUDITORS' REPORT**

**Referred to in paragraph 13(f) of the Independent Auditors' Report of even date to the members of Tata Projects Limited on the standalone Ind AS financial statements for the year ended March 31, 2018**

### **Report on the Internal Financial Controls under Clause (i) of Sub-section 3 of Section 143 of the Act**

1. We have audited the internal financial controls over financial reporting of Tata Projects Limited ("the Company") as of March 31, 2018 in conjunction with our audit of the standalone Ind AS financial statements of the Company for the year ended on that date.

#### **Management's Responsibility for Internal Financial Controls**

2. The Company's management is responsible for establishing and maintaining internal financial controls based on the internal control over financial reporting criteria established by the Company considering the essential components of internal control stated in the Guidance Note on Audit of Internal Financial Controls Over Financial Reporting issued by the Institute of Chartered Accountants of India (ICAI). These responsibilities include the design, implementation and maintenance of adequate internal financial controls that were operating effectively for ensuring the orderly and efficient conduct of its business, including adherence to company's policies, the safeguarding of its assets, the prevention and detection of frauds and errors, the accuracy and completeness of the accounting records, and the timely preparation of reliable financial information, as required under the Act.

#### **Auditors' Responsibility**

3. Our responsibility is to express an opinion on the Company's internal financial controls over financial reporting based on our audit. We conducted our audit in accordance with the Guidance Note on Audit of Internal Financial Controls Over Financial Reporting (the "Guidance Note") and the Standards on Auditing deemed to be prescribed under section 143(10) of the Act to the extent applicable to an audit of internal financial controls, both applicable to an audit of internal financial controls and both issued by the ICAI. Those Standards and the Guidance Note require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether adequate internal financial controls over financial reporting was established and maintained and if such controls operated effectively in all material respects.
4. Our audit involves performing procedures to obtain audit evidence about the adequacy of the internal financial controls system over financial reporting and their operating effectiveness. Our audit of internal financial controls over financial reporting included obtaining an understanding of internal financial controls over financial reporting, assessing the risk that a material weakness exists, and testing and evaluating the design and operating effectiveness of internal financial controls based on the assessed risk. The procedures selected depend on the auditor's judgement, including the assessment of the risks of material misstatement of the Ind AS financial statements, whether due to fraud or error.
5. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion on the Company's internal financial controls system over financial reporting.

#### **Meaning of Internal Financial Controls Over Financial Reporting**

6. A company's internal financial control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of Ind AS financial statements for external purposes in accordance with generally accepted accounting principles. A company's internal financial control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of Ind AS financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorisations of management and directors of the company; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorised acquisition, use, or disposition of the company's assets that could have a material effect on the Ind AS financial statements.

### **Inherent Limitations of Internal Financial Controls Over Financial Reporting**

7. Because of the inherent limitations of internal financial controls over financial reporting, including the possibility of collusion or improper management override of controls, material misstatements due to error or fraud may occur and not be detected. Also, projections of any evaluation of the internal financial controls over financial reporting to future periods are subject to the risk that the internal financial control over financial reporting may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

### **Opinion**

8. In our opinion, the Company has, in all material respects, an adequate internal financial controls system over financial reporting and such internal financial controls over financial reporting were operating effectively as at March 31, 2018, based on the internal control over financial reporting criteria established by the Company considering the essential components of internal control stated in the Guidance Note on Audit of Internal Financial Controls Over Financial Reporting issued by the Institute of Chartered Accountants of India.

For **Price Waterhouse & Co Chartered Accountants LLP**

Firm Registration Number: 304026E/E-300009

**Sunit Kumar Basu**

Partner

Membership Number: 55000

Place : Hyderabad

Date : May 03, 2018

## ANNEXURE B TO THE INDEPENDENT AUDITORS' REPORT

**Referred to in paragraph 12 of the Independent Auditors' Report of even date to the members of Tata Projects Limited on the standalone Ind AS financial statements as of and for the year ended March 31, 2018**

- i. (a) The Company is maintaining proper records showing full particulars, including quantitative details and situation, of fixed assets.
- (b) The fixed assets are physically verified by the Management according to a phased programme designed to cover all the items over a period of 3 years which, in our opinion, is reasonable having regard to the size of the Company and the nature of its assets. Pursuant to the programme, a portion of the fixed assets has been physically verified by the Management during the year and no material discrepancies have been noticed on such verification.
- (c) The title deeds of immovable properties, as disclosed in note 4 on property, plant and equipment to the Ind AS financial statements, are held in the name of the Company.
- ii. The physical verification of inventory [excluding certain contracts-in-progress indicated under note 14 to the standalone Ind AS financial statements] have been conducted at reasonable intervals by the Management during the year. The discrepancies noticed on physical verification of inventory as compared to book records were not material.
- iii. The Company has not granted any loans, secured or unsecured, to companies, firms, Limited Liability Partnerships or other parties covered in the register maintained under Section 189 of the Act. Therefore, the provisions of Clause 3(iii), (iii)(a), (iii)(b) and (iii)(c) of the said Order are not applicable to the Company.
- iv. The Company has not granted any loans or made any investments, or provided any guarantees or security to the parties covered under Section 185 and 186. Therefore, the provisions of Clause 3(iv) of the said Order are not applicable to the Company.
- v. The Company has not accepted any deposits from the public within the meaning of Sections 73, 74, 75 and 76 of the Act and the Rules framed there under to the extent notified.
- vi. Pursuant to the rules made by the Central Government of India, the Company is required to maintain cost records as specified under Section 148(1) of the Act in respect of its products manufactured at Tower Manufacturing Unit (TMU) Nagpur. We have broadly reviewed the same, and are of the opinion that, prima facie, the prescribed accounts and records have been made and maintained. We have not, however, made a detailed examination of the records with a view to determine whether they are accurate or complete.
- vii. (a) According to the information and explanations given to us and the records of the Company examined by us, in our opinion, the Company is generally regular in depositing undisputed statutory dues in respect of provident fund, employees' state insurance, income tax and value added tax, though there has been a slight delay in a few cases, and is regular in depositing undisputed statutory dues, including sales tax, service tax, duty of customs, duty of excise, cess, goods and service tax with effect from July 1, 2017 and other material statutory dues, as applicable, with the appropriate authorities.
- (b) According to the information and explanations given to us and the records of the Company examined by us, there are no dues of duty of customs, duty of excise, value added tax, goods and service tax which have not been deposited on account of any dispute. The particulars of dues of income tax, sales tax, service tax and entry tax as at March 31, 2018 which have not been deposited on account of a dispute, are as follows:

<b>Name of the statute</b>	<b>Nature of dues</b>	<b>Amount* (Rs. In Lakhs)</b>	<b>Period to which the amount relates</b>	<b>Forum where the dispute is pending</b>
Finance Act, 1994	Service Tax	85,630.83	2010-11 to 2014-15	Customs, Excise and Service Tax Appellate Tribunal
Entry Tax Act	Entry Tax	32.92	2000-01, 2001-02 and 2012-13	Appellate Tribunal of the State of Odisha and Madhya Pradesh
	Entry Tax	2.72	2008-09	First Appellate Authority of the State of Rajasthan
Sales Tax Act	Sales Tax	796.96	2004-05 2006-07 and 2007-08	Appellate Tribunal of the State of Odisha and Rajasthan
	Sales Tax	335.06	2001-02, 2002-03 and 2008-09	Hon'ble High Court of Andhra Pradesh and Telangana
	Sales Tax	13.81	2003-04	First Appellate Authority of the State of Maharashtra
Value Added Tax Act	Value Added Tax	727.19	2006-07 to 2010-11	Appellate Tribunal of the State of Rajasthan
	Value Added Tax	243.53	2009-10 to 2011-12	Deputy Commissioner of Commercial Taxes, Kerala
	Value Added Tax	17.35	2011-12	First Appellate Authority of the State of Rajasthan
Value Added Tax Act and Sales Tax Act	Value Added Tax and Sales Tax	1,142.12	2009-10 to 2012-13	VAT: First Appellate Authority of the State of Rajasthan Sales Tax: Appellate Tribunal of the State of Bihar
Income Tax Act, 1961	Income Tax	3,436.49	2013-14	Appellate Tribunal

\*net of amounts paid under protest of Rs. 4,107.85 lakhs. Includes interest and penalty levied on the disputed demand which will be settled in case such demand is required to be paid by the Company.

- viii. According to the records of the Company examined by us and the information and explanation given to us, the Company has not defaulted in repayment of loans or borrowings to any financial institution or bank or Government or dues to debenture holders as at the balance sheet date.
- ix. The Company has not raised any moneys by way of initial public offer, further public offer (including debt instruments). In our opinion, and according to the information and explanations given to us, the term loans have been applied for the purposes for which they were obtained.
- x. During the course of our examination of the books and records of the Company, carried out in accordance with the generally accepted auditing practices in India, and according to the information and explanations given to us, we have neither come across any instance of material fraud by the Company or on the Company by its officers or employees, noticed or reported during the year, nor have we been informed of any such case by the Management.
- xi. The Company has paid/ provided for managerial remuneration in accordance with the requisite approvals mandated by the provisions of Section 197 read with Schedule V to the Act.
- xii. As the Company is not a Nidhi Company and the Nidhi Rules, 2014 are not applicable to it, the provisions of Clause 3(xii) of the Order are not applicable to the Company.

- xiii. The Company has entered into transactions with related parties in compliance with the provisions of Sections 177 and 188 of the Act. The details of the related party transactions have been disclosed in the Ind AS financial statements as required under Indian Accounting Standard (IndAS) 24, Related Party Disclosures specified in the Companies (Indian Accounting Standards) Rules, 2015 (as amended) under Section 133 of the Act.
- xiv. The Company has not made any preferential allotment or private placement of shares or fully or partly convertible debentures during the year under review. Accordingly, the provisions of Clause 3(xiv) of the Order are not applicable to the Company.
- xv. The Company has not entered into any non cash transactions with its directors or persons connected with him. Accordingly, the provisions of Clause 3(xv) of the Order are not applicable to the Company.
- xvi. The Company is not required to be registered under Section 45-IA of the Reserve Bank of India Act, 1934. Accordingly, the provisions of Clause 3(xvi) of the Order are not applicable to the Company.

For **Price Waterhouse & Co Chartered Accountants LLP**

Firm Registration Number: 304026E/E-300009

**Sunit Kumar Basu**

Partner

Membership Number: 55000

Place : Hyderabad

Date : May 03, 2018

## Standalone Balance Sheet as at March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

Particulars	Note No.	As at 31-Mar-2018	As at 31-Mar-2017
<b>ASSETS</b>			
<b>Non-current assets</b>			
(A) Property, plant and equipment	4	34,964.20	29,023.82
(B) Capital work-in-progress	4	2,670.34	253.10
(C) Intangible assets	5	1,271.66	424.57
(D) Intangible assets under development	5	922.92	445.97
(E) Financial assets			
(i) Investments			
a) Investments in joint ventures	6	44.40	-
b) Other investments	7	6,663.12	5,671.84
(ii) Trade receivables	8	18,304.51	16,220.24
(iii) Loans	9	240.22	207.10
(iv) Other financial assets	10	6,317.03	1,906.69
(F) Deferred tax assets (net)	11	8,778.73	7,344.95
(G) Non-current tax assets (net)	12	10,364.36	7,400.94
(H) Other non-current assets	13	5,859.28	6,694.61
<b>Total non-current assets</b>		<b>96,400.77</b>	<b>75,593.83</b>
<b>Current assets</b>			
(A) Inventories	14	2,48,956.15	1,56,674.77
(B) Financial assets			
(i) Trade receivables	8	3,88,946.79	3,38,370.88
(ii) Cash and cash equivalents	15	55,097.66	32,615.13
(iii) Bank balances other than (ii) above	15	28,073.10	4,215.59
(iv) Other financial assets	10	1,32,450.88	48,866.04
(C) Other current assets	13	1,06,872.88	78,956.93
<b>Total current assets</b>		<b>9,60,397.46</b>	<b>6,59,699.34</b>
<b>Total Assets</b>		<b>10,56,798.23</b>	<b>7,35,293.17</b>
<b>EQUITY AND LIABILITIES</b>			
<b>Equity</b>			
(A) Equity share capital	16	2,025.00	2,025.00
(B) Other equity	17	1,17,142.33	1,00,610.76
<b>Total equity</b>		<b>1,19,167.33</b>	<b>1,02,635.76</b>
<b>Liabilities</b>			
<b>Non-current liabilities</b>			
(A) Financial liabilities			
(i) Borrowings	18	27.94	8.36
(B) Provisions	19	3,382.53	3,047.07
<b>Total non-current liabilities</b>		<b>3,410.47</b>	<b>3,055.43</b>
<b>Current liabilities</b>			
(A) Financial liabilities			
(i) Borrowings	20	1,51,172.44	68,095.49
(ii) Trade payables	21	3,68,237.47	2,60,966.90
(iii) Other financial liabilities	22	17,464.84	11,469.57
(B) Provisions	19	739.23	569.71
(C) Current tax liabilities (net)	12	1,759.97	68.75
(D) Other current liabilities	23	3,94,846.48	2,88,431.56
<b>Total current liabilities</b>		<b>9,34,220.43</b>	<b>6,29,601.98</b>
<b>Total liabilities</b>		<b>9,37,630.90</b>	<b>6,32,657.41</b>
<b>Total Equity and Liabilities</b>		<b>10,56,798.23</b>	<b>7,35,293.17</b>
<b>See accompanying notes forming part of the standalone Ind AS financial statements 1 - 33.18</b>			

This is the Balance Sheet referred to in our report of even date.

**For Price Waterhouse & Co Chartered Accountants LLP**

Firm Registration Number : 304026E/E-300009

**For and on behalf of the Board of Directors**

**Sunit Kumar Basu**

Partner

Membership Number : 55000

**S Ramakrishnan**

Chairman

**Padmanabh Sinha**

Director

**Arabinda Guha**

Executive Director

**Samir K Barua**

Director

**Rajit H Desai**

Director

**Anil Khandelwal**

Chief Financial Officer

**Neera Saggi**

Director

**Pradeep N Dhume**

Director

**Parashuram G Date**

Director

**Vinayak K Deshpande**

Managing Director

**B S Bhaskar**

Company Secretary

Place : Hyderabad

Date : 3<sup>rd</sup> May, 2018

Place: Mumbai

Date: 3<sup>rd</sup> May, 2018

**Standalone Statement of Profit and Loss for year ended March 31, 2018**

All amounts are in ₹ Lakhs unless otherwise stated

Particulars	Note No.	For the year ended March 31, 2018	For the year ended March 31, 2017
<b>I Revenue from operations</b>	<b>24</b>	<b>906,051.38</b>	<b>623,634.63</b>
<b>II Other income</b>	<b>25</b>	<b>4,199.87</b>	<b>2,562.93</b>
<b>III Total Income (I + II)</b>		<b>910,251.25</b>	<b>626,197.56</b>
<b>IV Expenses</b>			
(a) Contract execution expenses	26	818,832.42	549,636.73
(b) Cost of materials consumed		21,766.02	17,983.87
(c) Changes in inventories of finished goods, work-in-process and contracts-in-progress	27	(91,533.44)	(69,781.00)
(d) Excise Duty		458.51	2,840.54
(e) Employee benefits expense	28	58,740.39	45,794.71
(f) Finance costs	29	17,922.75	14,864.68
(g) Depreciation and amortisation expense	30	12,078.43	10,992.48
(h) Other expenses	31	43,505.30	35,594.15
<b>Total expenses (IV)</b>		<b>881,770.38</b>	<b>607,926.16</b>
<b>V Profit before tax (III - IV)</b>		<b>28,480.87</b>	<b>18,271.40</b>
<b>VI Tax expense</b>			
(a) Current tax expense	32	11,530.60	7,975.29
(b) Deferred tax expense credit		(1,423.35)	(820.03)
<b>Net tax expense (VI)</b>		<b>10,107.25</b>	<b>7,155.26</b>
<b>VII Profit for the year (V-VI)</b>		<b>18,373.62</b>	<b>11,116.14</b>
<b>VIII Other comprehensive income</b>			
Items that will not be reclassified subsequently to the statement of profit and loss			
- Re-measurements of the defined benefit plans		(29.84)	(611.90)
- Income tax relating to these items		10.43	211.77
<b>Total other comprehensive income (VIII)</b>		<b>(19.41)</b>	<b>(400.13)</b>
<b>IX Total comprehensive income for the year (VII + VIII)</b>		<b>18,354.21</b>	<b>10,716.01</b>
Earnings per equity share (of ₹ 100 each)			
Basic (₹)		907.34	548.95
Diluted (₹)		907.34	548.95

See accompanying notes forming part of the standalone Ind AS financial statements 1 - 33.18

This is the Balance Sheet referred to in our report of even date.

**For Price Waterhouse & Co Chartered Accountants LLP**
**For and on behalf of the Board of Directors**

Firm Registration Number : 304026E/E-300009

**Sunit Kumar Basu**

Partner

Membership Number : 55000

**S Ramakrishnan**

Chairman

**Padmanabh Sinha**  
 Director

**Arabinda Guha**  
 Executive Director

**Samir K Barua**

Director

**Rajit H Desai**  
 Director

**Anil Khandelwal**  
 Chief Financial Officer

**Neera Saggi**

Director

**Pradeep N Dhume**  
 Director

**Parashuram G Date**

Director

**Vinayak K Deshpande**  
 Managing Director

**B S Bhaskar**  
 Company Secretary

 Place : Hyderabad  
 Date : 3<sup>rd</sup> May, 2018

 Place: Mumbai  
 Date: 3<sup>rd</sup> May, 2018



## Standalone Statement of Changes in Equity for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

<b>A. Equity Share Capital</b>	<b>Amount</b>
<b>Balance as at March 31, 2016</b>	2,025.00
Changes in equity share capital during the year	-
<b>Balance as at March 31, 2017</b>	2,025.00
Changes in equity share capital during the year	-
<b>Balance as at March 31, 2018</b>	2,025.00

### B. Other Equity

Particulars	Reserves and Surplus			
	Securities premium reserve	General reserve	Retained earnings	Total
<b>Balance as at March 31, 2016</b>	<b>4,987.50</b>	<b>19,749.20</b>	<b>66,376.67</b>	<b>91,113.37</b>
Profit for the year	-	9,293.50	11,116.14	20,409.64
Other comprehensive income for the year	-	-	(400.13)	(400.13)
<b>Total comprehensive income for the year</b>	<b>-</b>	<b>9,293.50</b>	<b>10,716.01</b>	<b>20,009.51</b>
Payments of dividends and dividend distribution tax	-	-	(1,218.62)	(1,218.62)
Transfer to general reserve	-	-	(9,293.50)	(9,293.50)
<b>Balance as at March 31, 2017</b>	<b>4,987.50</b>	<b>29,042.70</b>	<b>66,580.56</b>	<b>100,610.76</b>
Profit for the year	-	-	18,373.62	18,373.62
Other comprehensive income for the year	-	-	(19.41)	(19.41)
<b>Total comprehensive income for the year</b>	<b>-</b>	<b>-</b>	<b>18,354.21</b>	<b>18,354.21</b>
Payments of dividends and dividend distribution tax	-	-	(1,822.64)	(1,822.64)
<b>Balance as at March 31, 2018</b>	<b>4,987.50</b>	<b>29,042.70</b>	<b>83,112.13</b>	<b>117,142.33</b>

This is the Statement of Changes in Equity referred to in our report of even date.

**For Price Waterhouse & Co Chartered Accountants LLP**

**For and on behalf of the Board of Directors**

Firm Registration Number : 304026E/E-300009

**Sunit Kumar Basu**  
Partner

**S Ramakrishnan**  
Chairman

**Samir K Barua**  
Director

**Neera Saggi**  
Director

**Parashuram G Date**  
Director

Membership Number : 55000

**Padmanabh Sinha**  
Director

**Rajit H Desai**  
Director

**Pradeep N Dhume**  
Director

**Vinayak K Deshpande**  
Managing Director

**Arabinda Guha**  
Executive Director

**Anil Khandelwal**  
Chief Financial Officer

**B S Bhaskar**  
Company Secretary

Place : Hyderabad  
Date : 3<sup>rd</sup> May, 2018

Place: Mumbai  
Date: 3<sup>rd</sup> May, 2018

**Standalone Statement of Cash Flows for the year ended March 31, 2018**

All amounts are in ₹ Lakhs unless otherwise stated

Particulars	For the year ended March 31, 2018	For the year ended March 31, 2017
<b>Cash flows from operating activities</b>		
<b>Profit for the year</b>	<b>18,373.62</b>	<b>11,116.14</b>
Adjustments for :		
Income tax expense recognised in profit or loss	10,107.25	7,155.26
Finance costs recognised in profit or loss	17,922.75	14,864.68
Interest Income recognised in profit or loss	(2,286.85)	(845.33)
Dividend Income recognised in profit or loss	-	(25.98)
(Gain)/Loss on disposal of property, plant and equipment	(381.64)	22.92
Depreciation and amortisation expense	12,078.43	10,992.48
Provision for diminution in value of investment	-	50.00
Advances written off	6.68	171.04
Provision for doubtful trade receivables	1,003.54	1,383.71
Provision for doubtful advances (net of reversals)	(87.05)	(179.38)
Liabilities no longer required written back	-	(714.64)
Effect of Ind AS adjustments on discounting of Financial assets	90.99	59.52
Net foreign exchange (gain)/loss	(134.01)	212.22
	<b>56,693.71</b>	<b>44,262.64</b>
<b>Movements in working capital</b>		
(Increase)/decrease in trade receivables	(53,529.81)	(77,860.30)
(Increase)/decrease in inventories	(92,281.38)	(69,018.03)
(Increase)/decrease in other assets	(1,11,555.74)	(275.61)
Increase/(decrease) in trade payables	107,270.57	35,371.57
Increase/(decrease) in other liabilities	110,628.21	138,313.41
<b>Cash generated from operations</b>	<b>17,225.56</b>	<b>70,793.68</b>
Income taxes paid	(12,802.80)	(11,240.04)
<b>Net cash (used in) / generated by operating activities</b>	<b>4,422.76</b>	<b>59,553.64</b>
<b>Cash flows from investing activities</b>		
Interest received	1,555.29	666.34
Dividends received from associates	-	25.98
Payments for property, plant and equipment	(22,003.73)	(15,948.09)
Proceeds from disposal of property, plant and equipment	2,605.85	214.86
Intercompany deposits given	707.20	(707.20)
Increase/(decrease) in other Bank balances	(28,279.51)	(3,212.89)
Investments in subsidiaries, equity instruments and joint ventures	(900.89)	(571.74)
<b>Net cash used in investing activities</b>	<b>(46,315.79)</b>	<b>(19,532.74)</b>

## Standalone Statement of Cash Flows for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

Particulars	For the year ended March 31, 2018	For the year ended March 31, 2017
<b>Cash flows from financing activities</b>		
Proceeds /(Repayments) from current borrowings-Net	88,732.63	(6,882.26)
Proceeds /(Repayment) of Non-current borrowings-Net	21.22	(8.76)
Dividends on equity shares (including dividend distribution tax)	(1,822.64)	(1,218.62)
Interest paid	(16,900.08)	(13,880.94)
<b>Net cash generated by/(used in) financing activities</b>	<b>70,031.13</b>	<b>(21,990.58)</b>
<b>Net increase in cash and cash equivalents</b>	<b>28,138.10</b>	<b>18,030.32</b>
<b>Cash and cash equivalents at the beginning of the year (Refer note 15)</b>	<b>15,219.64</b>	<b>(2,785.54)</b>
Effects of exchange rate changes on the balance of cash and cash equivalents held in foreign currencies	0.11	(25.14)
<b>Cash and cash equivalents at the end of the year (Refer note 15)</b>	<b>43,357.85</b>	<b>15,219.64</b>

This is the Cash Flow Statement referred to in our report of even date.

**For Price Waterhouse & Co Chartered Accountants LLP**

**For and on behalf of the Board of Directors**

Firm Registration Number : 304026E/E-300009

**Sunit Kumar Basu**  
Partner

**S Ramakrishnan**  
Chairman

**Samir K Barua**  
Director

**Neera Saggi**  
Director

**Parashuram G Date**  
Director

Membership Number : 55000

**Padmanabh Sinha**  
Director

**Rajit H Desai**  
Director

**Pradeep N Dhume**  
Director

**Vinayak K Deshpande**  
Managing Director

**Arabinda Guha**  
Executive Director

**Anil Khandelwal**  
Chief Financial Officer

**B S Bhaskar**  
Company Secretary

Place : Hyderabad  
Date : 3<sup>rd</sup> May, 2018

Place: Mumbai  
Date: 3<sup>rd</sup> May, 2018

## Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 1. General Information:

Tata Projects Limited is a limited Company incorporated in India in 1979. The address of its registered office is Mithona Towers 1, 1-7-80 to 87, Prenderghast Road, Secunderabad - 500003 and principal place of business, being project sites are spread across India and abroad. The Company operates through 6 business units – EPC, Transmission & Distribution, Transportation, Construction & Environment, Urban Infrastructure and Quality services and provides turnkey end to end project implementing services in these verticals.

### 2. Applicability of new and revised IndAS:

The Company is in the process of assessing the detailed impact of Ind-AS 115 which will become effective from 1st April, 2018.

The Company intends to adopt the standard using the modified retrospective approach which means that the cumulative impact of the adoption will be recognised in the retained earnings as of April 1<sup>st</sup>, 2018 and that comparatives will not be restated.

### 3. Significant Accounting Policies:

#### 3.1 Statement of compliance

The financial statements comply in all material aspects with Indian Accounting Standard (Ind AS) notified under the Section 133 of the Companies Act, 2013 (the Act), Companies (Indian Accounting Standards) Rules, 2015 and other relevant provisions of the Act

#### 3.2 Basis of preparation and presentation

The standalone financial statements have been prepared on the historical cost basis except for certain financial instruments that are measured at fair values at the end of each reporting period, as explained in the accounting policies below

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date, regardless of whether that price is directly observable or estimated using another valuation technique. In estimating the fair value of an asset or a liability, the Company takes into account the characteristics of the asset or liability if market participants would take those characteristics into account when pricing the asset or liability at the measurement date. Fair value for measurement and/or disclosure purposes in these financial statements is determined on such a basis, except for share-based payment transactions that are within the scope of Ind AS 102, leasing transactions that are within the scope of Ind AS 17, and measurements that have some similarities to fair value but are not fair value, such as net realizable value in Ind AS 2 or value in use in Ind AS 36.

In addition, for financial reporting purposes, fair value measurements are categorized into Level 1, 2, or 3 based on the degree to which the inputs to the fair value measurements are observable and the significance of the inputs to the fair value measurement in its entirety, which are described as follows:

- Level 1 inputs are quoted prices (unadjusted) in active markets for identical assets or liabilities that the entity can access at the measurement date;
- Level 2 inputs are inputs, other than quoted prices included within Level 1, that are observable for the asset or liability, either directly or indirectly; and
- Level 3 inputs are unobservable inputs for the asset or liability.

#### 3.3 Estimates

The preparation of the financial statements in conformity with Ind AS requires management to make estimates, judgments and assumptions. These estimates, judgments and assumptions affect the application of accounting policies and the reported amounts of assets and liabilities, the disclosures of contingent assets and liabilities at the date of the financial statements and reported amounts of revenues and expenses during the year. Application of accounting policies that require critical accounting estimates involving complex and subjective judgments and the

## Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

use of assumptions in these financial statements have been disclosed. Accounting estimates could change from period to period. Actual results could differ from those estimates. Appropriate changes in estimates are made as management becomes aware of changes in circumstances surrounding the estimates. Changes in estimates are reflected in the financial statements in the period in which changes are made and, if material, their effects are disclosed in the notes to the financial statements.

### 3.4 Revenue Recognition

#### (i) Income from Construction Contracts

When the outcome of a construction contract can be measured reliably, contract revenue and contract costs associated with the construction contract are recognised as revenue and expenses respectively by reference to the percentage of completion of the contract activity at the reporting date. The stage of completion is determined on the basis of actual work executed during the year, which is billable to the customer.

For the purpose of recognising revenue, contract revenue comprises the initial amount of revenue agreed in the contract, the variations in contract work, claims and incentive payments to the extent that it is probable they will result in revenue and they are capable of being reliably measured.

The percentage of completion method is applied on a cumulative basis in each accounting year to the current estimates of contract revenue and contract costs. The effect of a change in the estimate of the outcome of a contract is accounted for as a change in accounting estimates and the effect of which are recognised in the statement of profit and loss in the year in which the change is made and in subsequent year.

When the outcome of a construction contract cannot be estimated reliably, revenue is recognised only to the extent of contract costs incurred of which recovery is probable and the related contract costs are recognised as an expense in the year in which they are incurred.

When it is probable that the total contract cost will exceed total contract revenue, the expected loss is recognised as an expense in the Statement of Profit and Loss in the year in which such probability occurs.

No profit is recognized till a minimum of 10% progress is achieved on the contract, except in case of Tata Aldesa (JV), jointly controlled operation, in respect of which no profit is recognised till a minimum of 2.5% progress is achieved on the project and in case of other DFCC Projects, no profit is recognised till a minimum of 30% progress is achieved on the project. The cost incurred and invoices raised in respect of such contracts are included in Contract execution expenses and Revenue from operations in the Statement of Profit and Loss.

Amounts declared as revenue are inclusive of Excise Duty and net of returns if any, indirect taxes on sale collected from customers.

(ii) Revenue from sale of goods is recognized on dispatch of goods and on transfer of significant risks and rewards of ownership to the buyer, which generally coincides with the delivery of goods to customers.

(iii) Income from services rendered is recognised based on the agreements/arrangements with the concerned parties and when the services are rendered.

(iv) Other Income - Interest income is accounted on accrual basis. Dividend income is accounted for when the right to receive is established.

### 3.5 Unbilled Revenue

Unbilled revenue represents value of work executed, billed subsequent to balance sheet date and is valued at contract price

### 3.6 Foreign Currencies

#### Functional and presentation currency:

Items included in the financial statements of the Company are measured using the currency of the primary economic environment in which the entity operates. The functional currency of the Company is Indian Rupee.

## Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

Transactions in foreign currency are recorded at the exchange rates prevailing on the date of transaction. Foreign currency monetary items outstanding at the balance sheet date are restated at the prevailing year end rates. The resultant gain / loss upon such restatement along with gain / loss on account of foreign currency transactions are accounted in the Statement of Profit and Loss.

Forward exchange contracts are fair valued to Mark to Market ("MTM") at every reporting date till the date of settlement. MTM variances are accounted through Profit and Loss account which are finally written off or written back as the case may be on settlement.

In respect of financial statements of integral foreign operations of foreign branches, Assets and Liabilities are reported using the exchange rates on the date of balance sheet, income and expenses are translated at the yearly average rates of exchange. The resultant exchange gains / losses are recognized in the Statement of Profit and Loss.

### 3.7 Employee Benefits

Employee benefits include provident fund, superannuation fund, gratuity fund, compensated absences and post retirement medical benefits.

#### Defined contribution plans

The company's contribution to superannuation fund, considered as defined contribution plans are charged as an expense in the Statement of Profit and Loss based on the amount of contribution required to be made and when services are rendered by the employees.

#### Defined benefit plans

For defined retirement benefit plans, the cost of providing benefits is determined using the projected unit credit method, with actuarial valuations being carried out at the end of each annual reporting period. Remeasurement, comprising actuarial gains and losses, the effect of the changes to the asset ceiling (if applicable) and the return on plan assets (excluding net interest), is reflected immediately in the balance sheet with a charge or credit recognised in other comprehensive income in the period in which they occur. Remeasurement recognised in other comprehensive income is reflected immediately in retained earnings and is not reclassified to profit or loss. Past service cost is recognised in profit or loss in the period of a plan amendment. Net interest is calculated by applying the discount rate at the beginning of the period to the net defined benefit liability or asset. Defined benefit costs are categorized as follows:

- service cost (including current service cost, past service cost, as well as gains and losses on curtailments and settlements);
- net interest expense or income; and
- remeasurement

The Company presents the first two components of defined benefit costs in profit or loss in the line item 'Employee benefits expense'. Curtailment gains and losses are accounted for as past service costs.

The retirement benefit obligation recognised in the Balance Sheet represents the actual deficit or surplus in the Company's defined benefit plans. Any surplus resulting from this calculation is limited to the present value of any economic benefits available in the form reductions in future contributions to the plans.

#### Short term employee benefits

A liability is recognised for benefits accruing to employees in respect of wages and salaries, annual leave and sick leave in the period the related service is rendered at the undiscounted amount of the benefits expected to be paid in exchange for that service.

Liabilities recognised in respect of short-term employee benefits are measured at the undiscounted amount of the benefits expected to be paid in exchange for the related service.

#### Other long term employee benefits

Other Long term employee benefit comprise of Leave encashment which is provided for based on the actuarial valuation carried out as at the end of the year.

Provision for pension and medical benefits payable to retired Managing Directors is made on the basis of an actuarial valuation as at the Balance Sheet date.

## Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

Liabilities recognised in respect of other long-term employee benefits are measured at the present value of the estimated future cash outflows expected to be made by the Company in respect of services provided by employees up to the reporting date.

### 3.8 Earnings Per Share

The Company presents basic and diluted earnings per share (“EPS”) data for its equity shares. Basic EPS is calculated by dividing the profit or loss attributable to equity shareholders by the weighted average number of equity shares outstanding during the year. Diluted EPS is determined by adjusting the profit or loss attributable to equity shareholders and the weighted average number of equity shares outstanding for the effects of all dilutive potential equity shares.

### 3.9 Leasing

Leases are classified as finance leases whenever the terms of the lease transfer substantially all the risks and rewards of ownership to the lessee. All other leases are classified as operating leases.

The Company's significant leasing arrangements are in respect of operating leases for premises that are cancelable in nature. The lease rentals under such agreements are recognised in the Statement of Profit and Loss as per the terms of the lease.

Rental expense from operating leases is generally recognised on a straight-line basis over the term of the relevant lease. Where the rentals are structured solely to increase in line with expected general inflation to compensate for the lessor's expected inflationary cost increases, such increases are recognised in the year in which such benefits accrue.

### 3.10 Taxation

Income tax expense represents the sum of the tax currently payable and deferred tax.

#### 3.10.1 Current tax

Current tax expense comprises taxes on income from operations in India and foreign tax jurisdictions. Tax expense related to India is determined on the basis of the Income Tax Act, 1961 and quantified at the amount expected to be paid to the taxation authorities using the applicable tax rates. Tax expense relating to overseas operations is determined in accordance with the tax laws applicable in countries where such operations are domiciled.

#### 3.10.2 Deferred tax

Deferred tax is recognised on temporary differences between the carrying amounts of assets and liabilities in the financial statements and the corresponding tax bases used in the computation of taxable profit. Deferred tax liabilities are generally recognised for all taxable temporary differences. Deferred tax assets are generally recognised for all deductible temporary differences to the extent that it is probable that taxable profits will be available against which those deductible temporary differences can be utilized. Such deferred tax assets and liabilities are not recognised if the temporary difference arises from the initial recognition (other than in a business combination) of assets and liabilities in a transaction that affects neither the taxable profit nor the accounting profit.

The carrying amount of deferred tax assets is reviewed at the end of each reporting period and reduced to the extent that it is no longer probable that sufficient taxable profits will be available to allow all or part of the asset to be recovered.

Deferred tax liabilities and assets are measured at the tax rates that are expected to apply in the period in which the liability is settled or the asset realized, based on tax rates (and tax laws) that have been enacted or substantively enacted by the end of the reporting period.

Current and deferred tax for the year

Current and deferred tax are recognised in profit or loss, except when they relate to items that are recognised in other comprehensive income or directly in equity, in which case, the current and deferred tax are also recognised in other comprehensive income or directly in equity respectively. Where current tax or deferred tax arises from the initial accounting for a business combination, the tax effect is included in the accounting for the business combination.

## Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

Deferred tax assets and liabilities are offset when there is a legally enforceable right to offset current tax assets and liabilities and when the deferred tax balances relate to the same taxation authority. Current tax assets and tax liabilities are offset where the entity has a legally enforceable right to offset and intends either to settle on a net basis, or to realise the asset and settle the liability simultaneously.

### 3.11. Property plant and equipment & Intangible Assets

Property, plant and equipment are carried at cost less accumulated depreciation / amortization and impairment losses, if any. The cost of property, plant and equipment comprises its purchase price and other attributable expenditure incurred in making the asset ready for its intended use and interest on borrowings attributable to acquisition of qualifying property, plant and equipment up to the date the asset is ready for its intended use.

Property, plant and equipment retired from active use and held for sale are stated at the lower of their net book value and net realisable value and are disclosed separately.

#### Intangible Assets:

Intangible assets comprises of the application and other software procured through perpetual licences. The intangible assets are capitalised on implementation of such software and comprises of the prices paid for procuring the licence and implementation cost of such software.

#### Depreciation and amortisation, impairment

Depreciation has been provided on the written down value method as per the useful life as prescribed in Schedule II to the Companies Act, 2013 except in respect of following assets, in whose case, life of the assets has been assessed as under, based on technical advice, taking into account the nature of asset, the estimated usage of the asset, the operating conditions of the asset etc.

Scaffolding materials	5 years
Wire ropes and slings	2 years
Motor cars under car policy for executives	4 years
Tunnel Formwork equipment	2 years 2 months

Leasehold improvements are amortized over the duration of the lease.

Assets costing less than ₹ 10,000 are fully depreciated in the year of capitalization.

The assets owned by jointly controlled operations (JCO), are depreciated over the duration of the project except for TPL-Brookfield JV where, depreciation has been provided on the written down value method as per the useful life as prescribed in Schedule II to the Companies Act, 2013.

All property, plant and equipment are tested for impairment at the end of each financial year. The impairment loss being the excess of carrying value over the recoverable value of the assets, if any, is charged to the statement of Profit and Loss in the respective financial year. The impairment loss recognized in prior years is reversed in cases where the recoverable value exceeds the carrying value, upon reassessment in the subsequent years.

### 3.12 Inventories

Raw materials, stores and spares are valued at lower of cost and net realisable value. Cost is ascertained on the basis of "weighted average" method.

Finished goods are valued at lower of cost and net realisable values. Cost comprises, material and applicable manufacturing overheads and excise duty.

Stores and spares are valued at cost or below on weighted average basis.

### 3.13 Provisions, contingent liabilities and contingent assets

Provisions are recognised only when there is a present obligation as a result of past events and when a reasonable estimate of the amount of obligation can be made. The amount recognised as a provision is the best estimate of the consideration required to settle the present obligation at the end of the reporting period, taking into account the



## Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

risks and uncertainties surrounding the obligation. When a provision is measured using the cash flows estimated to settle the present obligation, its carrying amount is the present value of those cash flows (when the effect of the time value of money is material).

Contingent liabilities are disclosed for (i) possible obligation which will be confirmed only by future events not wholly within the control of the Company or (ii) present obligations arising from past events where it is not probable that an outflow of resources will be required to settle the obligation or a reliable estimate of the amount of the obligation cannot be made. Contingent assets are neither recognised nor disclosed in the financial statements.

When it is probable at any stage of the contract, that the total cost will exceed the total contract revenue, the expected loss is recognised immediately.

### 3.14 Financial Instruments

Financial assets and financial liabilities are recognised when the Company becomes a party to the contractual provisions of the instruments.

Financial assets and financial liabilities are initially measured at fair value. Transaction costs that are directly attributable to the acquisition or issue of financial assets and financial liabilities (other than financial assets and financial liabilities at fair value through profit or loss) are added to or deducted from the fair value of the financial assets or financial liabilities, as appropriate, on initial recognition. Transaction costs directly attributable to the acquisition of financial assets or financial liabilities at fair value through profit or loss are recognised immediately in profit or loss.

**(i) Financial assets carried at amortised cost :-** A financial asset is subsequently measured at amortised cost if it is held within a business model whose objective is to hold the asset in order to collect contractual cash flows and the contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding.

**(ii) Financial assets at fair value through other comprehensive income :-** Financial assets are measured at fair value through other comprehensive income if these financial assets are held within a business whose objective is achieved by both collecting contractual cash flows that give rise on specified dates to solely payments of principal and interest on the principal amount outstanding and by selling financial assets.

The Company has made an irrevocable election to present in other comprehensive income subsequent changes in the fair value of equity investments not held for trading.

**(iii) Financial assets at fair value through profit or loss :-** Financial assets are measured at fair value through profit or loss unless it is measured at amortised cost or at fair value through other comprehensive income on initial recognition. The transaction costs directly attributable to the acquisition of financial assets and liabilities at fair value through profit or loss are immediately recognised in profit or loss.

**(iv) Financial liabilities :-** Financial liabilities are measured at amortized cost using the effective interest method.

**(v) Investment in subsidiaries, Joint Ventures and Associates :-** On initial recognition, these investments are recognized at fair value plus any directly attributable transaction cost. Subsequently, they are measured at cost.

### Impairment of Financial Assets

The Company applies the expected credit loss model for recognising impairment loss on financial assets measured at amortised cost, trade receivables, other contractual rights to receive cash or other financial asset.

For trade receivables or any contractual right to receive cash or another financial asset that result from transactions that are within the scope of Ind AS 11 and Ind AS 18, the Company always measures the loss allowance at an amount equal to lifetime expected credit losses.

Further, for the purpose of measuring lifetime expected credit loss allowance for trade receivables, the Company has used a practical expedient as permitted under Ind AS 109. This expected credit loss allowance is computed based on

## Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

a provision matrix which takes into account historical credit loss experience and adjusted for forward-looking information.

### 3.15 Jointly controlled operations

The accounts of the Company reflect its share of the Assets, Liabilities, Income and Expenditure of the jointly controlled operations which are accounted on the basis of the audited accounts of the joint ventures on line-by-line basis with similar items in the Company's accounts in proportion to its interest in such Joint Venture Agreements.

### 3.16 Segment reporting

The Company, based on the "Management Approach" as defined in Ind AS 108, the Chief Operating Decision Maker (CODM) evaluates the Company's performance and allocates resources based on the analysis of various performance indicators by business segments and geographic segments. Accordingly, information has been presented both along business segments and geographic segments.

The accounting policies adopted for segment reporting are in line with the accounting policies of the Company. Segment revenue, segment expenses, segment assets and segment liabilities have been identified to segments on the basis of their relationship to the operating activities of the segment.

Inter-segment revenue is accounted on the basis of transactions which are primarily determined based on market/fair value factors.

Revenue, expenses, assets and liabilities which relate to the Company as a whole and not allocable to segments on reasonable basis have been included under "unallocated revenue/expenses/assets/liabilities".

### 3.17 Operating cycle

The Company's activities (primarily construction activities) have an operating cycle that exceeds a period of twelve months. The Company has selected the duration of the individual contracts as its operating cycle, wherever appropriate, for classification of its assets and liabilities as current and non-current.

**3.18** The same accounting policies and methods of computation are followed in these standalone financial statements as compared with the audited financial statements for the year ended March 31, 2017.

## 4. Property, plant and equipment and capital work-in progress:

Particulars	As at 31-Mar-18	As at 31-Mar-17
<b>Carrying amounts :</b>		
Freehold land	112.60	112.60
Buildings	930.30	1,031.95
Leasehold improvements	871.81	73.70
Plant and equipments	27,976.49	23,309.07
Furniture & fixtures	1,099.17	955.19
Vehicles	674.08	582.86
Office equipments	2,213.53	2,099.90
Computers	1,082.87	854.13
Capital mobile desalination plant	3.35	4.42
<b>Sub-total</b>	<b>34,964.20</b>	<b>29,023.82</b>
Capital work-in-progress	2,670.34	253.10
	<b>37,634.54</b>	<b>29,276.92</b>

## Notes forming part of standal one Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 4. Property, plant and equipment and capital work-in progress

Particulars	Freehold land	Buildings	Leasehold improvements	Plant and equipment	Furniture & fixtures	Vehicles	Office equipments	Computers	Capital mobile desalination plant	Total
<b>Cost</b>										
<b>Balance as at March 31, 2016</b>	<b>112.60</b>	<b>1,468.10</b>	<b>711.36</b>	<b>46,280.81</b>	<b>1,678.93</b>	<b>1,343.64</b>	<b>4,412.40</b>	<b>2,091.12</b>	<b>40.24</b>	<b>58,139.20</b>
Additions	-	234.27	77.71	11,210.19	700.61	316.06	1,502.26	639.96	-	14,681.06
Disposals	-	-	(48.69)	(1,042.45)	(75.85)	(95.61)	(153.32)	(35.54)	-	(1,451.46)
<b>Balance as at March 31, 2017</b>	<b>112.60</b>	<b>1,702.37</b>	<b>740.38</b>	<b>56,448.55</b>	<b>2,303.69</b>	<b>1,564.09</b>	<b>5,761.34</b>	<b>2,695.54</b>	<b>40.24</b>	<b>71,368.80</b>
Additions	-	-	847.38	15,470.25	656.03	353.41	1,457.30	778.84	-	19,563.21
Disposals	-	-	(148.35)	(4,400.23)	(211.52)	(333.29)	(52.29)	(4.32)	-	(5,150.00)
<b>Balance as at March 31, 2018</b>	<b>112.60</b>	<b>1,702.37</b>	<b>1,439.41</b>	<b>67,518.57</b>	<b>2,748.20</b>	<b>1,584.21</b>	<b>7,166.35</b>	<b>3,470.06</b>	<b>40.24</b>	<b>85,782.01</b>
<b>Accumulated depreciation</b>										
<b>Balance as at March 31, 2016</b>	-	<b>(554.05)</b>	<b>(624.06)</b>	<b>(26,361.32)</b>	<b>(1,016.51)</b>	<b>(890.33)</b>	<b>(2,535.74)</b>	<b>(1,484.25)</b>	<b>(34.40)</b>	<b>(33,500.66)</b>
Disposals	-	-	18.04	938.83	35.24	83.26	103.70	34.61	-	1,213.68
Depreciation charge for the year	-	(116.37)	(60.66)	(7,716.92)	(367.30)	(174.16)	(1,229.40)	(391.77)	(1.42)	(10,058.00)
<b>Balance as at March 31, 2017</b>	-	<b>(670.42)</b>	<b>(666.68)</b>	<b>(33,139.48)</b>	<b>(1,348.50)</b>	<b>(981.23)</b>	<b>(3,661.44)</b>	<b>(1,841.41)</b>	<b>(35.82)</b>	<b>(42,344.98)</b>
Disposals	-	-	148.35	2,302.79	135.86	290.48	44.91	3.40	-	2,925.79
Depreciation charge for the year	-	(101.65)	(49.27)	(8,705.39)	(436.39)	(219.38)	(1,336.29)	(549.18)	(1.07)	(11,398.62)
<b>Balance as at March 31, 2018</b>	-	<b>(772.07)</b>	<b>(567.60)</b>	<b>(39,542.08)</b>	<b>(1,649.03)</b>	<b>(910.13)</b>	<b>(4,952.82)</b>	<b>(2,387.19)</b>	<b>(36.89)</b>	<b>(50,817.81)</b>
<b>Net Carrying amount as at March 31, 2017</b>	<b>112.60</b>	<b>1,031.95</b>	<b>73.70</b>	<b>23,309.07</b>	<b>955.19</b>	<b>582.86</b>	<b>2,099.90</b>	<b>854.13</b>	<b>4.42</b>	<b>29,023.82</b>
<b>Net Carrying amount as at March 31, 2018</b>	<b>112.60</b>	<b>930.30</b>	<b>871.81</b>	<b>27,976.49</b>	<b>1,099.17</b>	<b>674.08</b>	<b>2,213.53</b>	<b>1,082.87</b>	<b>3.35</b>	<b>34,964.20</b>

#### 4.1 Impairment Losses recognised during the year

The company carries out physical verification of its property, plant and equipment, in a phased manner over a period of three years. Assets whose working life has expired, would be retired from the books after due approvals, as per the Schedule of Powers. Assets which are not in working condition are assessed and are retired on annual basis as per Schedule of Powers ("SOP"). Assets in working condition are deployed at project sites and are leveraged among multiple projects in its useful life. Accordingly, no impairment loss is recognised during the year.

#### 4.2 Assets pledged as security

None of the property, plant and equipment except the property, plant and equipment deployed relating to projects being undertaken at Abu Dhabi, Kenya, Ethiopia and Ivory Coast are pledged as at the year ended 31st March, 2018.

**Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018**

All amounts are in ₹ Lakhs unless otherwise stated

**5. Intangible assets and intangible assets under development**

Particulars	As at 31-Mar-18	As at 31-Mar-17
<b>Carrying amount of:</b>		
Software (Refer note 5.1 below)	1,271.66	424.57
	1,271.66	424.57
Intangible assets under development	922.92	445.97
<b>Total</b>	<b>2,194.58</b>	<b>870.54</b>
	<b>Software</b>	
<b>Cost</b>		
<b>Balance as at March 31, 2016</b>	<b>2,912.93</b>	
Additions	385.75	
<b>Balance as at March 31, 2017</b>	<b>3,298.68</b>	
Additions	1,526.90	
<b>Balance as at March 31, 2018</b>	<b>4,825.58</b>	
<b>Accumulated amortisation</b>		
<b>Balance as at March 31, 2016</b>	<b>(1,939.63)</b>	
Amortisation	(934.48)	
<b>Balance as at March 31, 2017</b>	<b>(2874.11)</b>	
Amortisation	(679.81)	
<b>Balance as at March 31, 2018</b>	<b>(3553.92)</b>	
<b>Net Carrying amount as at March 31, 2017</b>	<b>424.57</b>	
<b>Net Carrying amount as at March 31, 2018</b>	<b>1,271.66</b>	

**5.1 Significant Intangible assets**

The Intangible assets significantly comprise of licenses held for accounting, engineering and other technical softwares. The carrying amount of these intangible assets as at March 31, 2018 is ₹ 1,271.66 (as at March 31, 2017: ₹ 424.57).

## Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 6. Investments in joint ventures

Particulars	As at 31-Mar-18		As at 31-Mar-17	
	Qty.	Amount	Qty.	Amount
<b>Unquoted Investments (all fully paid) (Refer Note 6.1 below)</b>				
Investments in Equity Instruments				
i) TEIL Projects Limited (under liquidation) equity shares of ₹ 10 each fully paid-up	5,499,997	550.00	5,499,997	550.00
ii) Al-Tawleed for Energy & Power Company (under liquidation) SAR 2,000 per share equivalent to SAR 600,000 fully paid-up	300	75.60	300	75.60
iii) Nesma Tata Projects Limited SAR 500 per share equivalent to SAR 250,000 fully paid-up	500	44.40	-	-
<b>Total aggregate unquoted investments</b>		<b>670.00</b>		<b>625.60</b>
<b>Total carrying value of unquoted investments</b>		<b>670.00</b>		<b>625.60</b>
<b>Aggregate carrying value of unquoted investments</b>		<b>670.00</b>		<b>625.60</b>
<b>Less: Aggregate amount of impairment in value of investments in joint ventures</b>		<b>(625.60)</b>		<b>(625.60)</b>
<b>Net carrying value of unquoted investments</b>		<b>44.40</b>		<b>-</b>

Note:

- 6.1** In accordance with Ind-AS transitional provisions, the Company opted to consider previous GAAP carrying value of investments as deemed cost on transition date for investments in joint ventures in separate financial statements.

**Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018**

All amounts are in ₹ Lakhs unless otherwise stated

**7. Other Investments**

Particulars	As at 31-Mar-18		As at 31-Mar-17	
	Qty.	Amount	Qty.	Amount
<b>Non-current</b>				
<b>Quoted Investments - fully paid (A)</b>				
<b>(a) Investments in Equity Instruments - Subsidiary</b>				
Artson Engineering Limited (equity shares of ₹ 1 each) (refer note 7.2 & 7.3)	27,690,000	4,616.82	27,690,000	4,559.82
<b>Total Aggregate Quoted Investments (A)</b>		<b>4,616.82</b>		<b>4,559.82</b>
<b>Unquoted Investments - fully paid (B)</b> (Refer note 7.5 below)				
<b>(b) Investments in Equity Instruments - Subsidiaries</b>				
TQ Services Mauritius Pty Ltd (formerly TPL - TQA Quality Services (Mauritius) Pty Ltd - Face value of EUR 1 each )	24,000	22.26	16,800	11.37
TPL - TQA Quality Services (South Africa) Pty. Ltd - Face value of ZAR 1 each	150,000	9.34	150,000	9.34
TQ Services Europe GmbH - Face value of EUR 1 each	125,000	99.81	125,000	99.81
Ujjwal Pune Limited - Face value of ₹ 10 each (refer note no 7.4)	7,630,000	891.82	4,550,000	550.43
TQ Cert Services Private Limited - Face value of ₹ 10 each	1,638,600	110.00	1,638,600	110.00
Industrial Quality Services LLP - Face value of OMR 1 each	175,000	303.73	175,000	303.73
Ind Project Engineering (Shanghai) Co. Ltd	-	27.34	-	27.34
<b>(c) Investments in Equity Instruments</b>				
Virendra Garments Manufacturing Private Limited - shares of ₹ 100 each fully paid-up	1,200	1.20	1,200	1.20
Arth DesignBuild India Private Limited equity shares of ₹ 10 each fully paid-up with premium of ₹ 18,632 per share	3,123	582.00	-	-
<b>Total Aggregate Unquoted Investments (B)</b>		<b>2,047.50</b>		<b>1113.22</b>

## Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 7. Other Investments (Cont...)

Particulars	As at 31-Mar-18		As at 31-Mar-17	
	Qty.	Amount	Qty.	Amount
<b>Investments in Partnership (C)</b>				
Tata Dilworth Secord Meagher & Associates (refer note 7.1 below)		1.80		1.80
<b>Total Investments In Partnership (C)</b>		<b>1.80</b>		<b>1.80</b>
<b>Total Non Current Investments (A) +(B) +(C)</b>		<b>6,666.12</b>		<b>5674.84</b>
<b>Less: Aggregate amount of impairment in value of investments</b>		<b>(3.00)</b>		<b>(3.00)</b>
<b>Carrying Value of total non current investments</b>		<b>6,663.12</b>		<b>5,671.84</b>
Aggregate book value of quoted investments		4,616.82		4,559.82
Aggregate market value of quoted investments		20,033.72		13,152.75
Aggregate carrying value of unquoted investments		2,047.50		1,113.22
Aggregate carrying value of investments in partnership firm		1.80		1.80
Aggregate amount of impairment in value of investments		(3.00)		(3.00)

Notes:

#### 7.1. Other details relating to investment in partnership firm

Name of the firm	Name of partner in the firm	As at 31-Mar-18		As at 31-Mar-17	
		Share of Capital	Share of each partner in the profits of the firm	Share of Capital	Share of each partner in the profits of the firm
Tata Dilworth Secord, Meagher & Associates	(i) Tata Projects Limited	1.80	60%	1.80	60%
	(ii) Dilworth Secord, Meagher & Associates	1.20	40%	1.20	40%

## Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

**7.2.** Includes investment of ₹. 516.63 (March 31, 2017: ₹. 459.63), on account of fair valuation of Corporate Guarantee given by the Company on behalf of Artson Engineering Limited.

**7.3.** During the year ended March 31, 2017 the company has revised the terms of the term loan of ₹.1,930.39 and Inter corporate deposits of ₹.2,100 given to Artson engineering limited , a subsidiary company. As per the revised terms, the loan aggregating to ₹.4,030.39 is interest free and repayable after 20 years. Further, Artson will not declare or pay any dividend prior to the repayment of loan.The present Value of the loan as at March 31, 2018 is ₹.240.22 (March 31, 2017 : ₹.207.10),discounted over the loan tenure.The balance of ₹.3,823.29 (March 31,2017 :₹.3,823.29) has been included under investments in 7(A) above.

**7.4.** Includes investment of ₹. 128.82 (March 31, 2017: ₹ 95.43). On account of fair valuation of Corporate Guarantee given by the Company on behalf of Ujjwal Pune Limited.

**7.5.** In accordance with Ind-AS transitional provisions, the Company opted to consider previous GAAP carrying value of investments as deemed cost on transition date for investments in subsidiaries, associates and partnership in separate financial statements.

### 8. Trade Receivables

Particulars	As at 31-Mar-18	As at 31-Mar-17
<b>Non-current</b>		
Trade receivables		
Unsecured, considered good	18,304.51	16,220.24
Doubtful	91.98	81.20
Allowance for doubtful debts (expected credit loss allowance)	(91.98)	(81.20)
<b>Total</b>	<b>18,304.51</b>	<b>16,220.24</b>
<b>Current</b>		
Trade receivables		
(a) Unsecured, considered good	3,88,946.79	3,38,370.88
(b) Doubtful	5,640.90	5,499.78
Allowance for doubtful debts (expected credit loss allowance)	(5,640.90)	(5,499.78)
<b>Total</b>	<b>388,946.79</b>	<b>3,38,370.88</b>



## Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 8.1 Trade Receivables

The average credit period allowed to customers is between 30 days to 60 days. The credit period is considered from the date of Invoice. Further, a specified amount of bill is held back by the customer as retention money, which is payable as per the credit period, from the date such retention becomes due. The retention monies held by customers become payable on completion of a specified milestone or after the Defect Liability Period of the project, which is normally 1 year after the completion of the project, as per terms of respective contract. No Interest is payable by the customers for the delay in payments of the amounts over due.

The Company evaluates, the financial health, market reputation, credit rating of the customer, before entering into the contract. The company's customers comprise of public sector undertakings as well as private entities.

### 8.2 Expected credit loss allowance on receivables

The company computes the Expected Credit Loss Allowance ("ECLA") by applying the percentages determined on historical basis over past 4 years, for each Business Unit and determined the percentage of such allowance over the turnover of each Business Unit and moderated for current and envisaged future businesses. Expected Credit Loss Allowance is determined on the closing balances of all applicable financial assets as at each reporting date, at the average rates ranging from 0.25% to 1.50%.

### 8.3 Movement in the expected credit loss allowance

Particulars	For the year ended 31-Mar-18	For the year ended 31-Mar-17
Balance at the beginning of the year	5,580.98	6,793.86
Movement in expected credit loss allowance	575.17	(1,059.44)
	6,156.15	5,734.42
Less: Expected credit loss related to unbilled revenue and contractual expenses (Note no 10)	(423.27)	(153.44)
<b>Balance at the end of the year</b>	<b>5,732.88</b>	<b>5,580.98</b>

The concentration of credit risk is low due to the fact that the customer base is large and unrelated.

## 9. Loans

Particulars	As at 31-Mar-18	As at 31-Mar-17
<b>Non-current</b>		
a) <b>Loans to related parties at amortised cost</b>		
Unsecured, considered good		
Artson Engineering Limited (Refer notes 7.3)	240.22	207.10
<b>Total</b>	<b>240.22</b>	<b>207.10</b>

**Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018**

All amounts are in ₹ Lakhs unless otherwise stated

**10. Other financial assets**

Particulars	As at 31-Mar-18	As at 31-Mar-17
<b>Non-current</b>		
Security deposits	1,873.84	1,856.05
Loans and advances to employees	21.19	6.24
Advance towards share application money	-	44.40
In deposit accounts with bank remaining maturity for more than 12 months	4,422.00	-
<b>Total</b>	<b>6,317.03</b>	<b>1,906.69</b>
<b>Current</b>		
Security deposits	2,849.45	2,324.83
Unbilled revenue	1,25,887.57	43,296.74
Less: Allowance for expected credit loss	(572.22)	(139.44)
	<b>1,25,315.35</b>	<b>43,157.30</b>
Inter corporate deposits	-	707.20
Contractual reimbursable expenses	3,754.53	2,544.69
Less: Allowance for expected credit loss	(4.49)	(14.00)
	<b>3,750.04</b>	<b>2,530.69</b>
Insurance and other claims receivable		
Unsecured, considered good	65.97	41.62
Doubtful	73.25	73.25
	<b>139.22</b>	<b>114.87</b>
Less: Provision for doubtful claims	(73.25)	(73.25)
	<b>65.97</b>	<b>41.62</b>
Interest accruals		
(i) Interest accrued on deposits	277.97	43.91
(ii) Interest accrued on mobilisation advance given	192.10	60.49
	<b>470.07</b>	<b>104.40</b>
<b>Total</b>	<b>1,32,450.88</b>	<b>48,866.04</b>

## Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 11. Deferred tax assets (Net)

Particulars	As at 31-Mar-18	As at 31-Mar-17
Deferred tax assets	8,947.18	7,423.93
Deferred tax liabilities	(168.45)	(78.98)
<b>Total</b>	<b>8,778.73</b>	<b>7,344.95</b>

2017-18	Opening balance	Recognised in profit or loss	Recognised in Other comprehensive income	Closing balance
<b>Deferred tax (liabilities) / assets in relation to</b>				
Property, plant and equipment	3,522.18	1,140.69	-	4,662.87
Provisions for retirement benefits	1,253.85	193.50	10.43	1,457.78
Allowance for doubtful debts	2,279.19	92.27	-	2,371.46
Disallowance under section 43B	356.05	63.19	-	419.24
Others	5.16	30.67	-	35.83
FVTPL financial assets	7.50	(19.22)	-	(11.72)
Derecognition of corporate guarantee liability	(78.98)	(77.75)	-	(156.73)
	<b>7,344.95</b>	<b>1,423.35</b>	<b>10.43</b>	<b>8,778.73</b>

2016-17	Opening balance	Recognised in profit or loss	Recognised in Other comprehensive income	Closing balance
<b>Deferred tax (liabilities) / assets in relation to</b>				
Property, plant and equipment	2,403.73	1,118.45	-	3,522.18
Provisions for retirement benefits	1,024.34	17.74	211.77	1,253.85
Allowance for doubtful debts	2,643.00	(363.81)	-	2,279.19
Disallowance under section 43B	270.11	85.94	-	356.05
Others	0.12	5.04	-	5.16
FVTPL financial assets	6.14	1.36	-	7.50
Derecognition of corporate guarantee liability	(34.29)	(44.69)	-	(78.98)
	<b>6,313.15</b>	<b>820.03</b>	<b>211.77</b>	<b>7,344.95</b>

Note:

The deferred tax asset (net) includes Company's share of net deferred tax asset in jointly controlled operations amounting to ₹ 1,461.80 (March 31, 2017: ₹ 641.03)

## Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 12. Non-current tax assets (net) and current tax liabilities (net)

Particulars	As at 31-Mar-18	As at 31-Mar-17
Non-current tax assets (net) (Refer note 1 below)	10,364.36	7,400.94
<b>Total</b>	<b>10,364.36</b>	<b>7,400.94</b>
Current tax liabilities (net) (Refer note 2 below)	1,759.97	68.75
<b>Total</b>	<b>1,759.97</b>	<b>68.75</b>

Notes:

1. Represents Company's net current tax position from standalone activities which includes jointly controlled operations.
2. Represents Company's share of net current tax position of jointly controlled operations.

### 13. Other assets

Particulars	As at 31-Mar-18	As at 31-Mar-17
Non-current		
Capital advances	568.48	1,186.37
Others		
- Deposits with government authorities (Refer Notes 13.1 & 13.2)	4,832.79	4,998.70
- Prepaid expenses	458.01	509.54
<b>Total</b>	<b>5,859.28</b>	<b>6,694.61</b>
Current		
Mobilisation advances	30,166.65	24,945.70
Others		
- Balances with government authorities		
CENVAT credit receivable	143.36	116.85
VAT credit receivable	4,468.61	3,111.63
Sales tax deducted at source	16,502.36	15,913.03
Service tax credit receivable	1,772.49	53.88
GST Credit receivable	6,120.23	-
GST Refund receivable	256.68	-
- Loans and advances to employees	83.12	58.64
- Prepaid expenses	1,268.79	1,292.24
- Project related advances to related parties		
Artson Engineering Limited	822.03	1,198.50
- Project related advances to others		
Unsecured, considered good	45,268.56	32,266.46
Doubtful	503.43	590.47
	<b>45,771.99</b>	<b>32,856.93</b>
Less: Provision for doubtful advances	(503.43)	(590.47)
	<b>45,268.56</b>	<b>32,266.46</b>
<b>Total</b>	<b>106,872.88</b>	<b>78,956.93</b>

Notes:

13.1 Includes amount of ₹ 4,029.92 (March 31, 2017: ₹ 4,269.84) paid under protest towards Service tax and Sales Tax.

13.2 Includes ₹ 610.00 (March 31, 2017: ₹ 610.00) on account of taxes deducted at source on inter state supplies under applicable Value Added Tax Acts. The Company has contested the deduction in the applicable judicial forum and is confident of a favourable outcome in the matter.

## Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 14. Inventories

Particulars	As at 31-Mar-18	As at 31-Mar-17
Inventories (lower of cost or realisable value)		
Raw materials	1,842.17	1,097.59
Work-in-progress	259.02	426.58
Finished goods	12.61	12.31
Stores and spares	21.29	17.93
Contracts-in-progress (Refer Note 14.2)	246,821.06	155,120.36
<b>Total</b>	<b>248,956.15</b>	<b>156,674.77</b>

Notes:

14.1 The Mode of valuation of inventories has been stated in note 3.12.

14.2 Contracts-in-progress disclosed above as at March 31,2018 includes costs aggregating to ₹ 1,89,626 incurred on completed / ongoing contracts claimable and billable from the customers including costs on account of delays / changes in scope / design by them etc. which are at various stages of discussions / negotiations or under arbitrations.

### 15. Cash and cash equivalents

Particulars	As at 31-Mar-18	As at 31-Mar-17
Balances with Banks		
- In current accounts	25,073.14	13,818.72
- In EEFC accounts	2,834.47	3,140.28
Cash on hand	47.83	30.89
Others - demand deposits/fixed deposits	27,142.22	15,625.24
<b>Cash and cash equivalents as per balance sheet</b>	<b>55,097.66</b>	<b>32,615.13</b>
<b>Other bank balances</b>		
Deposit with maturity of more than 3 months and less than 12 months	28,073.10	4,215.59
<b>Total of other bank balances</b>	<b>28,073.10</b>	<b>4,215.59</b>
Bank overdrafts (Refer note below)	11,739.81	17,395.49
Cash and cash equivalents as per standalone statement of cash flows	43,357.85	15,219.64

Note :

Bank overdrafts have been netted off from "cash and cash equivalents as per Balance Sheet" only to show the reconciliation of "cash and cash equivalents as per the statement of cash flows". Bank overdrafts represents unsecured amount of ₹ 6,916.14 and secured ₹ 4,823.67 respectively (March 31, 2017 : unsecured overdraft ₹ Nil and secured overdraft of ₹ 17,395.49).

**Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018**

All amounts are in ₹ Lakhs unless otherwise stated

**16. Equity share capital**

Particulars	As at 31-Mar-18		As at 31-Mar-17	
	Number of shares	Amount	Number of shares	Amount
<b>Authorised share capital</b>				
Equity shares of ₹ 100 each with voting rights	2,500,000	2,500.00	2,500,000	2,500.00
<b>Issued, subscribed and fully paid-up</b>				
Equity shares of ₹ 100 each with voting rights	2,025,000	2,025.00	2,025,000	2,025.00
<b>Total</b>	<b>2,025,000</b>	<b>2,025.00</b>	<b>2,025,000</b>	<b>2,025.00</b>

Notes:

**(i) Reconciliation of the number of shares and amount outstanding at the beginning and at the end of the year**
**Equity shares with voting rights**

Particulars	Number of shares in '000s
Balance as at March 31, 2017	2,025
Changes during the year	-
Balance as at March 31, 2018	2,025

**(ii) Rights, preferences and restrictions attached to the equity shares**

The Company has only one class of equity shares having a par value of ₹ 100 each per share. Each holder of equity shares is entitled to one vote per share. The dividend proposed by the Board of Directors is subject to the approval of the shareholders in the ensuing Annual General Meeting. In the event of liquidation of the Company, the holders of equity shares will be entitled to receive remaining assets of the Company, after distribution of all preferential amounts. The distribution will be in proportion to the number of equity shares held by the shareholders.

**(iii) Shareholders holding more than 5% of the equity shares**

Particulars	As at 31-Mar-18		As at 31-Mar-17	
	Number of shares	%	Number of shares	%
<b>Equity shares of ₹ 100 each with voting rights</b>				
The Tata Power Company Limited	967,500	47.78	967,500	47.78
Omega TC Holdings Pte Limited	488,440	24.12	488,440	24.12
Tata Chemicals Limited	193,500	9.56	193,500	9.56
Tata Sons Limited	135,000	6.67	135,000	6.67
Voltas Limited	135,000	6.67	135,000	6.67

**(iv)** There are no shares reserved for issue under options

**(v)** There are no shares issued allotted as fully-paidup pursuant to contracts without payment being received in cash during five years immediately preceding March 31, 2018.

## Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 17. Other equity

Particulars	As at 31-Mar-18	As at 31-Mar-17
General reserve	29,042.70	29,042.70
Securities premium reserve	4,987.50	4,987.50
Retained earnings	83,112.13	66,580.56
<b>Total</b>	<b>117,142.33</b>	<b>100,610.76</b>

#### 17.1 General reserve

Particulars	Year ended 31-Mar-18	Year ended 31-Mar-17
Balance at the beginning of the year	29,042.70	19,749.20
Movements during the year	-	9,293.50
<b>Balance at the end of the year</b>	<b>29,042.70</b>	<b>29,042.70</b>

The general reserve is used from time to time to transfer profits from retained earnings for appropriation purposes. As the general reserve is created by a transfer from one component of equity to another and is not an item of order comprehensive income, items included in the general reserve will not be reclassified subsequently to profit or loss.

#### 17.2 Securities premium reserve

Particulars	Year ended 31-Mar-18	Year ended 31-Mar-17
Balance at the beginning of the year	4,987.50	4,987.50
Movements during the year	-	-
<b>Balance at the end of the year</b>	<b>4,987.50</b>	<b>4,987.50</b>

#### 17.3 Retained earnings

Particulars	Year ended 31-Mar-18	Year ended 31-Mar-17
Balance at the beginning of the year	66,580.56	66,376.67
Profit attributable to owners of the Company	18,373.62	11,116.14
Other comprehensive income arising from remeasurement of defined benefit obligation net of income tax	(19.41)	(400.13)
Payment of dividends on equity shares #	(1,518.75)	(1,012.50)
Tax on dividend	(303.89)	(206.12)
Transfer to general reserve	-	(9,293.50)
<b>Balance at the end of the year</b>	<b>83,112.13</b>	<b>66,580.56</b>

# On June 23, 2017, a dividend of ₹ 75 per share (total dividend of ₹ 1518.75 lakhs) was provided to holders of fully paid equity shares. On June 28, 2016, a dividend of ₹ 50 per share (total dividend of ₹ 1,012.50 lakhs) was provided to holders of fully paid equity shares.

**Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018**

All amounts are in ₹ Lakhs unless otherwise stated

**18. Non current borrowings**

Particulars	As at 31-Mar-18	As at 31-Mar-17
<b>Term loan (unsecured) at amortised cost</b>		
From banks	35.10	13.88
Less: Current maturities of borrowings disclosed under Note 22 (a) - Other financial liabilities	(7.16)	(5.52)
<b>Total</b>	<b>27.94</b>	<b>8.36</b>

Note:

Term loan from banks are repayable in equal periodic instalments for a 10 year period from the date of availment of respective loan and carry an interest of 12% p.a.

**19. Provisions**

Particulars	As at 31-Mar-18	As at 31-Mar-17
<b>Employee benefits</b>		
Non-current		
Compensated absences	2,828.02	2,592.27
Gratuity	11.84	76.12
Post retirement medical benefits	62.75	45.25
Pension	479.92	333.43
<b>Sub Total</b>	<b>3,382.53</b>	<b>3,047.07</b>
Current		
Compensated absences	686.47	520.63
Gratuity	-	-
Post retirement medical benefits	5.00	5.00
Pension	47.76	44.08
<b>Sub Total</b>	<b>739.23</b>	<b>569.71</b>
<b>Total</b>	<b>4,121.76</b>	<b>3,616.78</b>

**20. Current borrowings**

Particulars	As at 31-Mar-18	As at 31-Mar-17
<b>Unsecured - at amortised cost</b>		
a) Loans repayable on demand from banks		
- Overdraft facilities	6,916.14	-
- Working capital demand Loans	72,896.08	-
- Commercial advance from others	8,440.30	-
- Commercial paper	10,000.00	15,000.00
b) Loans from other parties	596.25	-
<b>Secured - at amortised cost</b>		
a) Loans repayable on demand from banks		
- Overdraft facilities	4,823.67	17,395.49
- Working capital demand loans	28,000.00	15,000.00
- Commercial advance	19,500.00	20,700.00
<b>Total</b>	<b>151,172.44</b>	<b>68,095.49</b>



## Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### Note :

- I Overdraft facilities and Working capital demand loan are secured by:
  - (a) a first charge on the book debts, inventories and other current assets ranking pari-passu.
  - (b) an exclusive charge on the entire receivables, property plant and equipment and current assets relating to the project being undertaken at Abu Dhabi, Kenya, Ethiopia and Ivory Coast
- II Working capital demand loan of ₹ 12,000 (March 31, 2017 ₹ 15,000) taken by a Joint venture is secured by corporate guarantee given by the Company.
- III Overdraft/Cash Credit (OD/CC) with interest rates linked to Base rate/MCLR were availed in 2017-18. The current weighted average effective interest rate on overdrafts is 8.59% p.a. (as at March 31, 2017: 9.46% p.a.). The Company utilises OD/CC from both Consortium and Non-Consortium banks. OD/CC utilisation from Consortium banks is secured by hypothecation of company's stocks and receivables.
- IV Commercial Paper with variable interest rate were issued during 2017-18. The current weighted average effective interest rate on Commercial Paper is 6.58% p.a. (as at March 31, 2017: 6.86% p.a.)
- V Fixed rate loans in the form of Working Capital Demand Loans (WCDL), for a tenor not exceeding 90 days for TPL and 180 days for Tata Aldesa JV, are raised during 2017-18. The weighted average effective interest rate is 7.91% p.a. (as at March 31, 2017: 8.90% p.a.). The Company utilises WCDL from both Consortium and Non-Consortium banks. WCDL utilisation from Consortium banks is secured by hypothecation of company's stocks and receivables.
- VI Commercial advance of ₹ 19,500 (March 31, 2017 ₹ 20,700) taken by a Joint venture is secured by corporate guarantee given by the Company.
- VII Fixed rate loan in the form of commercial advance (Packing Credit) raised during 2017-18. The weighted average effective interest rate is 7.19% p.a. (as at March 31, 2017: 9.42% p.a.)
- VIII Fixed rate loan in the form of Inter Corporate Deposit is raised during 2017-18. The weighted average effective interest rate is 9.00% p.a.
- IX Bills of Exchange of ₹ 2,840.30 lakhs raised during 2017-18. The weighted average effective interest rate is 8.30% p.a.

### Breach of loan agreement

During the year, the interest and principal amounts, were remitted to lenders, on or before due date and there were no delays in this regard.

### Net Debt Reconciliation

This section sets out the changes in liabilities arising from financing activities in the statement of cash flows:

Particulars	As at 31-Mar-18
Opening balance as at April 1, 2017 (Current and Non-Current borrowings):	51,007.57
Add: Cash flows (Net)	88,753.85
Add: Interest expense	9,801.10
Less: Interest paid	(10,064.09)
<b>Closing balance</b>	<b>1,39,498.43</b>

Note: Bank overdraft balances are not included above as it is considered as cash and cash equivalents.

**Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018**

All amounts are in ₹ Lakhs unless otherwise stated

**21. Trade payables**

Particulars	As at 31-Mar-18	As at 31-Mar-17
Acceptances	15,048.05	21,335.60
Trade payables	3,53,189.42	2,39,631.30
<b>Total</b>	<b>3,68,237.47</b>	<b>2,60,966.90</b>

The average credit period ranges from 30 days to 90 days, depending on the nature of the item or work. The work orders include element of retention, which would be payable on completion of a milestone, completion of the contract or after a specified period from completion of the work. The terms also would include back to back arrangement wherein, certain amounts are payable on realisation of corresponding amounts by the company from the customer. No interest is payable for delay in payments, unless otherwise specifically agreed in the order or as required by a legislation, like Micro, Small and Medium Enterprises Development Act ("MSMED Act"). The company has a well defined process for ensuring regular payments to the vendors.

**Note:**

Disclosure under Section 22 of the Micro, Small and Medium Enterprises Development Act, 2006 #

Particulars	As at 31-Mar-18	As at 31-Mar-17
(a) Principal amount remaining unpaid to any supplier as at the end of the accounting year	7,195.76	2,546.79
(b) Interest due thereon remaining unpaid to any supplier as at the end of the accounting year	69.08	19.11
(c) The amount of interest paid along with the amounts of the payment made to the supplier beyond the appointed day	-	-
(d) The amount of interest due and payable for the period of delay in making payment (which have been paid but beyond the appointed day during the year) but without adding the interest specified under the MSMED Act	-	-
(e) The amount of interest accrued and remaining unpaid at the end of the accounting year	349.41	280.33
(f) The amount of further interest due and payable even in the succeeding year, until such date when the interest dues as above are actually paid to the small enterprise, for the purpose of disallowance as a deductible expenditure under section 23	349.41	280.33
# amounts unpaid to micro and small enterprises on account of retention money has not been considered for the purpose of interest calculations.	-	-

Dues to Micro and Small Enterprises have been determined to the extent such parties have been identified on the basis of information collected by the Management. This has been relied upon by the auditors.

**22. Other financial liabilities**

Particulars	As at 31-Mar-18	As at 31-Mar-17
<b>Current</b>		
a) Current maturities of long-term debt	7.16	5.52
b) Interest accrued but not due on borrowings	30.70	293.69
c) Interest accrued on trade payables and mobilisation advance received	3,074.55	1,788.89
d) Payables on purchase of property, plant and equipment	2,627.17	1,264.49
e) Payables to joint venture partners	43.58	56.79
f) Employee benefits payable	11,681.68	8,060.19
<b>Total</b>	<b>17,464.84</b>	<b>11,469.57</b>

## Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 23. Other current liabilities

Particulars	As at 31-Mar-18	As at 31-Mar-17
a) Revenue received in advance	-	91.29
b) Advances from customers including mobilisation advances	269,103.95	211,897.03
c) Other payables		
- Statutory remittances	3,169.95	3,516.93
- Security deposits received	159.30	441.69
- Others	240.28	309.55
d) Provision for Contractual Expenses	121,976.02	71,848.22
e) Guarantee obligation	196.98	326.85
<b>Total</b>	<b>394,846.48</b>	<b>288,431.56</b>

### 24. Revenue from operations

Particulars	For the Year ended March 31, 2018	For the Year ended March 31, 2017
(a) Income from contracts (refer note (i) below)	883,705.69	606,581.81
(b) Income from services (refer note (ii) below)	19,063.99	15,153.25
(c) Income from sale of goods (refer note (iii) below)	2,625.53	1,195.73
(d) Other operating revenues (refer note (iv) below)	656.17	703.84
<b>Total</b>	<b>906,051.38</b>	<b>623,634.63</b>

#### Notes:

<b>(i) Income from contracts comprises :</b>		
- Supply of contract equipment and materials	259,351.27	239,912.50
- Civil and erection works	623,476.15	366,669.31
- Technical Fee	878.27	-
<b>Total</b>	<b>883,705.69</b>	<b>606,581.81</b>
<b>(ii) Income from services comprises :</b>		
- Quality inspection services	19,063.99	15,153.25
<b>Total</b>	<b>19,063.99</b>	<b>15,153.25</b>
<b>(iii) Income from sale of goods comprises :</b>		
- Sale of BWRO units	2,625.53	1,195.73
<b>Total</b>	<b>2,625.53</b>	<b>1,195.73</b>
<b>(iv) Other operating revenues comprises :</b>		
- Sale of scrap	620.04	544.25
- Duty drawback	36.13	159.59
<b>Total</b>	<b>656.17</b>	<b>703.84</b>

**Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018**

All amounts are in ₹ Lakhs unless otherwise stated

**25. Other income**

Particulars	For the Year ended March 31, 2018	For the Year ended March 31, 2017
<b>(a) Interest income from financial assets carried at amortised cost</b>		
Bank deposits	1,784.05	571.16
Inter corporate deposits	28.91	4.50
Other financial assets	384.68	199.76
	<b>2,197.64</b>	<b>775.42</b>
<b>(b) Dividend income</b>		
Dividend from equity investments	-	25.98
	-	<b>25.98</b>
<b>(c) Other non-operating income (net of expenses directly attributable to such Income)</b>		
Interest on mobilisation advances given	89.21	69.91
Hire charges	4.17	134.88
Interest income from Statutory Authority	209.67	0.01
Liabilities/Provisions no longer required written back	-	714.64
Miscellaneous Income	735.83	103.21
	<b>1,038.88</b>	<b>1,022.65</b>
<b>(d) Other gains and losses</b>		
Gain on disposal of property, plant & equipment	381.64	-
Net foreign exchange gains	581.71	738.88
	<b>963.35</b>	<b>738.88</b>
<b>Total</b>	<b>4,199.87</b>	<b>2,562.93</b>

**26. Contract execution expenses**

Particulars	For the Year Ended March 31, 2018	For the Year ended March 31, 2017
(a) Cost of supplies/erection and civil works *	797,038.25	538,242.84
(b) Engineering fees	14,481.86	4,635.65
(c) Insurance premium	3,572.53	3,356.77
(d) Bank guarantee and letter of credit charges	3,739.78	3,401.47
<b>Total</b>	<b>8,18,832.42</b>	<b>5,49,636.73</b>

\* includes increase / (decrease) in excise duty of ₹ Nil [previous year: ₹ 35.04 lakhs] on finished goods.

## Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 27. Changes in inventories of finished goods, work-in-process and contracts-in-progress

Particulars	For the Year Ended March 31, 2018	For the Year ended March 31, 2017
<b>Inventories at the end of the year</b>		
Finished goods	12.61	12.31
Work-in-process	259.02	426.58
Contracts-in-progress	2,46,821.06	1,55,120.36
	<b>2,47,092.69</b>	<b>1,55,559.25</b>
<b>Inventories at the beginning of the year</b>		
Finished goods	12.31	13.25
Work-in-process	426.58	379.87
Contracts-in-progress	1,55,120.36	85,385.13
	<b>1,55,559.25</b>	<b>85,778.25</b>
<b>Net (increase)/decrease</b>	<b>(91,533.44)</b>	<b>(69,781.00)</b>

### 28. Employee benefits expense

Particulars	For the Year Ended March 31, 2018	For the Year ended March 31, 2017
(a) Salaries and wages	52,750.55	41,364.63
(b) Contribution to provident and other funds (refer note no.33.9)	3,410.79	2,725.31
(c) Staff welfare expenses	2,579.05	1,704.77
<b>Total</b>	<b>58,740.39</b>	<b>45,794.71</b>

### 29. Finance costs

Particulars	For the Year Ended March 31, 2018	For the Year ended March 31, 2017
<b>Interest expense on</b>		
(i) Interest on bank overdrafts and loans	10,707.34	8,321.77
(ii) Mobilisation advance received	6,565.39	4,986.78
(iii) Delayed payment of income tax	7.48	61.97
(iv) Others	640.05	1,222.39
Other borrowing costs	2.49	271.77
<b>Total</b>	<b>17,922.75</b>	<b>14,864.68</b>

### 30. Depreciation and amortisation expense

Particulars	For the Year Ended March 31, 2018	For the Year ended March 31, 2017
(i) Depreciation of property, plant and equipment	11,398.62	10,058.00
(ii) Amortisation of intangible assets	679.81	934.48
<b>Total</b>	<b>12,078.43</b>	<b>10,992.48</b>

## Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 31. Other expenses

Particulars	For the Year Ended March 31, 2018	For the Year ended March 31, 2017
Consumption of stores and spare parts	-	0.78
Rent	7,392.67	5,506.21
Repairs and maintenance		
- Building	1.89	24.77
- Machinery	303.06	403.74
- Others	1,287.31	824.29
Power and fuel	1,734.57	1,593.25
Rates and taxes	1,909.96	2,721.09
Insurance	508.91	103.20
Motor vehicle expenses	5,065.90	4,641.65
Travelling and conveyance	4,914.17	4,242.78
Legal and professional	11,390.97	8,188.03
Payment to auditors	112.02	54.60
Communication expenses	1,190.30	1,085.07
Printing and stationery	571.10	562.83
Staff recruitment and training expenses	481.35	154.54
Business development expenditure	979.72	494.38
Bank charges	404.43	321.25
Freight and handling charges	377.24	169.03
Provision for diminution in the value of investments	-	50.00
Bad debts	428.37	2,443.15
Provision for doubtful trade receivables	2,491.45	1,864.70
Less: provision for doubtful trade receivables reversed	(1,916.28)	(2,924.14)
Advances written off	6.68	171.04
Less: provision for doubtful loans and advances reversed	(87.05)	(179.38)
Brand equity contribution	1,505.69	1,025.73
Loss on sale of property, plant and equipment	-	22.92
Net foreign exchange loss	-	5.13
Share of Profit to Joint Venture	-	298.16
Miscellaneous expenses	2,450.87	1,725.35
<b>Total</b>	<b>43,505.30</b>	<b>35,594.15</b>
<b>Note:</b>		
Payment to auditors comprises		
(a) To statutory auditors		
Audit fees (Includes ₹33.50 relating to jointly controlled operations)	55.50	25.00
Tax audit fees (Includes ₹3.50 relating to jointly controlled operations)	5.50	2.00
Limited review fees	5.00	6.00
Other services	43.00	19.75
Reimbursement of expenses	2.00	-
(b) To Cost auditor for cost audit	1.02	1.85
<b>Total</b>	<b>112.02</b>	<b>54.60</b>

## Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 32. Tax expense

#### 32.1 Income taxes recognised in statement of profit and loss

Particulars	For the Year Ended March 31, 2018	For the Year ended March 31, 2017
<b>Current tax</b>		
Current tax on profits for the year	11,530.60	7,975.29
	<b>11,530.60</b>	<b>7,975.29</b>
<b>Deferred tax</b>		
Decrease / (Increase) in deferred tax assets	(1,520.32)	(1,228.53)
(Decrease) / Increase in deferred tax liabilities	96.97	408.50
	<b>(1,423.35)</b>	<b>(820.03)</b>
Total income tax expense recognised in the current year relating to continuing operations	<b>10,107.25</b>	<b>7,155.26</b>

#### 32.2 The income tax expense for the year can be reconciled to the accounting profit as follows:

Particulars	For the Year Ended March 31, 2018	For the Year ended March 31, 2017
Profit before tax	<b>28,480.87</b>	<b>18,271.40</b>
Income tax expense calculated*	9,856.66	6,323.37
Effect of expenses that are not deductible in determining taxable profit	191.09	914.84
Effect of differential tax rates in Income	75.11	133.86
Effect of expenses for which no deferred income tax was recognised	(15.61)	(212.75)
	<b>10,107.25</b>	<b>7,159.32</b>
Adjustments recognised in the current year in relation to the current tax of previous years	-	4.06
Income tax expense recognised in profit or loss (relating to continuing operations)	<b>10,107.25</b>	<b>7,155.26</b>
*The tax rate used for the years 2017-2018 and 2016-2017 reconciliations above is the corporate tax rate of 34.608% (including surcharge and education cess) payable by corporate entities in India on taxable profits under the Indian tax law.		

#### Income tax expenses recognised in other comprehensive income

Particulars	For the Year Ended March 31, 2018	For the Year ended March 31, 2017
<b>Deferred tax</b>		
Remeasurements of defined benefit obligation	10.43	211.77
<b>Total income tax recognised in other comprehensive income</b>	<b>10.43</b>	<b>211.77</b>

**Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018**

All amounts are in ₹ Lakhs unless otherwise stated

**33 Additional information to the financial statements**
**33.1 Contingent liabilities and commitments (to the extent not provided for)**

Particulars	As at 31-Mar-18	As at 31-Mar-17
<b>(i) Contingent liabilities:</b>		
(a) Claim against the Company not acknowledged as debt		
Matters under dispute:		
Sales tax / VAT	4,475.09	5,076.14
Service tax *	55,902.74	57,645.16
Income tax	4,295.61	74.62
Third party claims from disputes relating to contracts	3,051.00	1,043.50
* Excludes interest and penalty levied on the disputed demand which will be settled in case such demand is required to be paid by the Company.		
Future cash outflows in respect of the matters in (a) above are determinable only on receipt of judgements/decisions pending at various forums/authorities		
(b) Guarantees		
Performance and bank guarantees issued by banks on behalf of the Company	885,603.70	736,103.90
Corporate guarantees (refer note below)	9,561.66	2,340.08

**Notes:**

- 1 Includes following guarantees given by the company on behalf of its subsidiaries (disclosed to the extent of loan availed):
  - a. Artson Engineering Ltd.- Rs.2,666.66 (March 31,2017: Rs.2,125.91)
  - b. Ujjwal Pune Limited - Rs.6,895.00 (March 31,2017:Nil)

**(ii) Commitments**

Particulars	Asat 31-Mar-18	Asat 31-Mar-17
Estimated amount contracts remaining to be executed on Capital account and not provided for [Net of advance Rs.568.48 (March 31, 2017 :Rs.1,186.37)]	4,568.80	8,032.10



## Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 33.2 Disclosures required to be made under Ind AS -11 Construction Contracts

Particulars	Year ended March 31, 2018	Year ended March 31, 2017
Contract Revenue Recognised during the year	8,83,705.69	6,06,581.11
Aggregate of contract costs incurred and recognised profits (less recognized losses) upto the reporting date	38,18,876.61	30,94,412.09
Advances received for contracts-in-progress	2,68,287.39	2,11,263.46
Retention money for contracts-in-progress	1,97,205.25	1,55,719.14
Gross amount due from customers for contract work	3,70,827.23	1,97,579.10

**33.3** In line with accepted practice in construction business, certain revision to costs and billing of previous years which have crystallised during the year have been dealt with in the period. The Statement of Profit and Loss for the period includes charge (net) aggregating ₹ 4,964.80 lakhs [March 31, 2017 : ₹ 11,383.64 lakhs - charge (net)] on account of changes in estimates.

**33.4** In the year 2007-08, the company had acquired 75% stake in Artson Engineering Limited ("Arston"), a sick company under BIFR scheme, listed on BSE. The Company had extended as part of the scheme, loans and ICD's aggregating to ₹ 4,030.39 lakhs repayable in 5 instalments. The repayment dates were extended from time to time considering Artson's financial position.

Artson has been consistently earnings profits, for the past 2 years. Based on Artson's business plan, the Company is confident of sustainable growth. In order to facilitate the growth, the Company has converted the loan into interest free loan with effect from March 31, 2017 for a term of 20 years. Considering Artson results and Order position Company does not anticipate any provision to be made with regard to the loans extended. The terms of the loan restricts Artson from declaring dividend before repaying the loan to Company. The loan, being a financial asset, has been discounted to present value as at 31 st March 2017 and the discounted value of ₹ 3,823.29 lakhs has been considered as investment in Note No.7. The present value as at 31 st March 2018 of the loan is ₹ 240.22 Lakhs (March 31, 2017 : ₹ 207.10) and has been included under Loans to related party in Note No 9.

### 33.5 Segment Information

Company operates through 6 business units - EPC, Transmission & Distribution, Transportation, Construction & Environment, Urban Infrastructure and Quality services and provides turnkey end to end project implementing services in these verticals. The projects are executed both in India and abroad. Based on the "Management Approach" as defined in Ind AS 108, the Chief Operating Decision Maker (CODM) evaluates the Company's performance and allocates resources based on the analysis of various performance indicators by business segments and geographic segments. Accordingly, information has been presented both along business segments and geographic segments. The accounting principles used in the preparation of the financial statements are consistently applied to record revenue and expenditure in individual segments, and are as set out in the significant accounting policies.

Accordingly the business segments of the Company are:

- (i) EPC
- (ii) Services
- (iii) Others

and geographic segments of the Company are:

- (i) Domestic
- (ii) Overseas

Reporting for business segment is on the following basis:

Revenue relating to individual segment is recorded in accordance with accounting policies followed by the Company. All expenditure, which is directly attributable to a project, is charged to the project and included in the respective segment to which the project related. The costs which cannot be reasonably attributable to any project and are in the nature of general administrative overheads are shown as unallocable expenses.

## Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

The accounting policies of the reportable segments are the same as the company's accounting policies described in note 3.16. Segment profit represents the profit before tax earned by each segment without allocation of central administration costs and directors' salaries, share of profit of joint ventures, other income, as well as finance costs. This is the measure reported to the chief operating decision maker for the purposes of resource allocation and assessment of segment performance.

For the purpose of monitoring segment performance and allocating resources between segments:

Property, plant and equipments employed in the specific project are allocated to the segment to which the project relates. The depreciation on the corresponding assets is charged to respective segments.

All other assets are allocated to reportable segments other than investments in associates, investments in joint ventures, other investments, loans, other financial assets and current and deferred tax assets.

All liabilities are allocated to reportable segments other than borrowings, other financial liabilities, current and deferred tax liabilities.

### (i) Segment revenues and results

The following is an analysis of the Company's revenue and results from continuing operations by reportable segment

Particulars	Segment Revenue		Segment profit	
	Year ended 31-Mar-18	Year ended 31-Mar-17	Year ended 31-Mar-18	Year ended 31-Mar-17
Engineering, Procurement and Construction (EPC) Services	884,335.06	607,285.64	53,493.64	37,389.16
Others	19,560.34	15,651.42	4,075.16	4,060.98
Less : Inter segment revenue-Services	2,652.33	1,195.73	242.90	110.71
	(496.35)	(498.16)	-	-
<b>Total</b>	<b>906,051.38</b>	<b>623,634.63</b>	<b>57,811.70</b>	<b>41,560.85</b>
Other income			4,199.87	2,562.93
Unallocable expenses (net)			(15,607.95)	(10,987.70)
Finance costs			(17,922.75)	(14,864.68)
<b>Total</b>			<b>28,480.87</b>	<b>18,271.40</b>

### (ii) Segment assets and liabilities

Particulars	As at 31-Mar-18	As at 31-Mar-17
<b>Segment Assets</b>		
Engineering, Procurement and Construction Services	9,96,225.78	674,313.64
Others	11,419.91	9,350.63
	2,114.61	1,420.81
<b>Total segment assets</b>	<b>10,09,760.30</b>	<b>685,085.08</b>
Unallocated	47,037.93	50,208.09
<b>Total</b>	<b>1,056,798.23</b>	<b>735,293.17</b>
<b>Segment Liabilities</b>		
Engineering, Procurement and Construction Services	774,333.28	575,367.12
Others	3,214.87	177.75
	244.05	478.12
<b>Total segment liabilities</b>	<b>777,792.20</b>	<b>576,022.99</b>
Unallocated	159,838.70	56,634.42
<b>Total</b>	<b>937,630.90</b>	<b>632,657.41</b>

## Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### (iii) Other segment information

Particulars	Depreciation and amortisation		Additions to Non-current assets	
	Year ended 31-Mar-18	Year ended 31-Mar-17	Year ended 31-Mar-18	Year ended 31-Mar-17
Engineering, Procurement and Construction	9,925.61	8,928.38	15,275.37	13,340.01
Services	48.79	22.89	8.50	4.47
Others	1.88	1.00	-	-
<b>Total</b>	<b>9,976.28</b>	<b>8,952.27</b>	<b>15,283.87</b>	<b>13,344.48</b>
Unallocated	2,102.15	2,040.21	10,828.52	(2,896.96)
<b>Total</b>	<b>12,078.43</b>	<b>10,992.48</b>	<b>26,112.39</b>	<b>16,241.44</b>

### (iv) Geographical information

The Company is executing projects across multiple geographies with India being country of domicile, the details of revenue and Plant, property and equipment are as follows:

Particulars	Revenue from external customers		Non-Current assets*	
	Year ended 31-Mar-18	Year ended 31-Mar-17	Year ended 31-Mar-18	Year ended 31-Mar-17
India	845,009.81	580,146.23	55,954.25	44,102.48
Kenya	737.26	1,375.32	11.89	25.72
Zambia	-	1,960.01	-	-
United Arab Emirates	27,846.49	36,736.71	63.30	104.97
Korea	180.37	428.91	-	-
Ethiopia	4,004.22	349.15	13.02	1.77
Nepal	19,221.75	2,019.92	7.53	7.73
Thailand	7,936.87	-	2.77	0.34
United States	912.39	-	-	-
Others	202.22	618.38	-	-
<b>Total</b>	<b>906,051.38</b>	<b>623,634.63</b>	<b>56,052.76</b>	<b>44,243.01</b>

\* Non-current assets do not include financial assets and deferred tax assets.

### (v) Revenue from major customers (generally more than 10% of turnover)

Particulars	Year ended 31-Mar-18	Year ended 31-Mar-17
Power Grid Corporation of India Limited	92,991.59	1,03,401.46
Andhra Pradesh Power Development Company Limited	1,00,768.97	-

## 33.6 Financial Instruments

### (i) Capital Management

The Company's business model is working capital centric. The company manages its working capital needs and long term capital expenditure, through a balanced mix of capital (including retained earnings) and short term debt.

The capital structure of the company comprises of net debt (borrowings reduced by cash and bank balances) and equity.

## Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

The company is not subject to any externally imposed capital requirements.

The Company reviews its capital requirements on an annual basis, in the form of Annual Operating Plan (AOP). The AOP of the company aggregates the capital required for execution of projects identified and the financing mechanism of such requirements is determined as part of AOP. The Company budgeted the gearing ratio for the year 2017-18 about 25%. The gearing ratio as at March 31, 2018 was 57% (March 31, 2017 :30%).

### (ii) Gearing Ratio

The gearing ratio at the end of the reporting period was as follows.

Particulars	As at 31-Mar-18	As at 31-Mar-17
Debt	151,200.38	68,103.85
Cash and bank balances	83,170.76	36,830.72
<b>Net Debt</b>	<b>68,029.62</b>	<b>31,273.13</b>
<b>Total Equity (Share Capital + Reserves)</b>	<b>119,167.33</b>	<b>102,635.76</b>
Net Debt to equity ratio	57%	30%

### (iii) Categories of Financial Instruments

Particulars	As at 31-Mar-18	As at 31-Mar-17
<b>Non current</b>		
Investments in joint ventures	44.40	-
Investments in subsidiaries and equity instruments	6,663.12	5,671.84
Trade receivables	18,304.51	16,220.24
Loans*	240.22	207.10
Other Financial assets	6,317.03	1,906.69
<b>Current</b>		
Trade receivables	3,88,946.79	3,38,370.88
Cash and cash equivalents	83,170.76	36,830.72
Other financial assets	1,32,450.88	48,866.04
	<b>6,36,137.71</b>	<b>4,48,073.51</b>

\* Considered as financial asset as at March 31, 2017 as the terms of the loan are modified to a 20 year loan from that of a loan with convertible option to equity in the earlier periods.

Particulars	As at 31-Mar-18	As at 31-Mar-17
<b>Financial Liabilities</b>		
<b>Non current</b>		
Borrowings	27.94	8.36
<b>Current</b>		
Borrowings	1,51,172.44	68,095.49
Trade payables	3,68,237.47	2,60,966.90
Other financial liabilities	17,464.84	11,469.57
	<b>5,36,902.69</b>	<b>3,40,540.32</b>

## Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### (iv) Financial Risk Management Objectives

The Company's Corporate Treasury function provides services to the business, co-ordinates access to domestic and international markets, monitors and manages the financial risks relating to the operations of the company through internal risk reports which analyse exposures by degree and magnitude of risks. These risks include market risk (including currency risk, interest rate and other price risk), credit risk and liquidity risk.

The company seeks to minimise the effects of these risks by using derivative financial instruments to hedge risk exposures. The use of financial derivatives is governed by the Company's policies approved by the board of directors, which provide written principles on foreign exchange risk, interest rate risk, credit risk, the use of financial instruments, and the investment of excess liquidity. Compliance with policies and exposure limits is reviewed by the internal auditors on a periodic basis. The Company does not enter into or trade financial instruments, including derivative financial instruments, for a speculative purposes.

The Corporate treasury function reports monthly to the CFO and quarterly to the Board of Directors, who monitor risks and policies implemented to mitigate risk exposures.

### (v) Market risk

The Company's activities expose it primarily to the financial risks of changes in foreign currency exchange rates and interest rates. The company enters into derivative financial instruments to manage its exposure to foreign currency risk and interest rate risk, which includes forward foreign exchange contracts to hedge the exchange rate risk arising on the import of goods and services overseas.

### (vi) Foreign Currency risk management

The Company undertakes transactions denominated in foreign currencies; consequently, exposures to exchange rate fluctuations arise. Exchange rate exposures are managed within approved policy parameters utilising forward foreign exchange contracts.

The carrying amounts of the company's foreign currency denominated monetary assets and monetary liabilities at the end of the reporting period are as follows:

Particulars	Currency	Liabilities		Assets	
		As at 31-Mar-18	As at 31-Mar-17	As at 31-Mar-18	As at 31-Mar-17
United Arab Emirates	AED	3,456.43	1,416.52	3,161.36	3,664.03
Kenyan Shilling	KES	188.45	226.89	581.30	809.46
South Korean Won	KRW	-	5.16	872.90	1,201.05
Euro	EUR	11,400.52	10,568.14	1,294.68	1,440.89
Zambian Kwacha	ZMW	1.08	1.10	5.44	1.95
US Dollar	USD	49,374.82	43,501.71	23,552.73	22,056.59
Swiss Franc	CHF	406.63	390.98	-	-
Ethiopian Birr	ETB	303.29	11.99	2,379.00	1,281.19
Chinese Yuan Renminbi	CNY	-	-	5.92	7.11
Thai Baht	THB	4,197.09	2.11	7,297.89	0.76
Nepalese Rupee	NPR	1,409.13	229.05	1,843.64	937.65
Japanese Yen	JPY	1,001.55	0.33	-	-
Great Britain Pound	GBP	82.40	73.40	-	-
Canadian Dollar	CAD	10.62	10.23	-	-
Singapore Dollar	SGD	0.46	-	-	-

## Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### (vii) Foreign Currency sensitivity analysis

The above exposures when subjected to a sensitivity of 5% have the following impact:

Particulars	Currency	Impact on profit after tax with increase in rate by 5%*		Impact on profit after tax with decrease in rate by 5%*	
		As at 31-Mar-18	As at 31-Mar-17	As at 31-Mar-18	As at 31-Mar-17
United Arab Emirates	AED	(14.75)	112.38	14.75	(112.38)
Kenyan Shilling	KES	19.64	29.13	(19.64)	(29.13)
South Korean Won	KRW	43.64	59.79	(43.64)	(59.79)
Euro	EUR	(505.29)	(456.36)	505.29	456.36
Zambian Kwacha	ZMW	0.22	0.04	(0.22)	(0.04)
US Dollar	USD	(1,291.10)	(1,072.26)	1,291.10	1,072.26
Swiss Franc	CHF	(20.33)	(19.55)	20.33	19.55
Ethiopian Birr	ETB	103.79	63.46	(103.79)	(63.46)
Chinese Yuan Renminbi	CNY	0.30	0.36	(0.30)	(0.36)
Thai Baht	THB	155.04	(0.07)	(155.04)	0.07
Nepalese Rupee	NPR	21.73	35.43	(21.73)	(35.43)
Japanese Yen	JPY	(50.08)	(0.02)	50.08	0.02
Great Britain Pound	GBP	(4.12)	(3.67)	4.12	3.67
Canadian Dollar	CAD	(0.53)	(0.51)	0.53	0.51
Singapore Dollar	SGD	(0.02)	-	0.02	-

\*Holding all other variables constant

### (viii) Forward Foreign Exchange contracts

The following table details the Company's liquidity analysis for its derivative financial instruments. The table has been drawn up based on the undiscounted contractual net outflows on derivative instruments that settle on a net basis.

Particulars	Less than 1 month	1-3 months	3 months to 1 year	More than 1 year
<b>March 31, 2018</b>				
Foreign exchange forward contracts (Payable)	648.41	2,160.27	432.88	-
Foreign exchange forward contracts (Receivable)	-	9,771.00	-	11,349.37
<b>March 31, 2017</b>				
Foreign exchange forward contracts (Payable)	292.68	520.90	739.05	-
Foreign exchange forward contracts (Receivable)	-	-	-	-

### (ix) Interest rate risk management

The Company is exposed to interest rate risk because of its borrowing at both fixed and floating interest rates. The risk is managed by the company by maintaining appropriate mix between fixed and floating rate borrowings. Company regularly swaps between conventional working capital borrowings with Commercial Paper, thus reducing the interest cost. Hedging activities are evaluated regularly to align with interest rate views and defined risk appetite, ensuring the most cost-effective hedging strategies are applied.

## Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### (x) Interest rate sensitivity analysis

The sensitivity analysis below have been determined based on the exposure to interest rates for non derivative instruments at the end of the reporting period, as the company does not transact in any derivative instruments. For floating rate liabilities, the analysis is prepared assuming the amount of the liability outstanding at the end of the reporting period was outstanding for the whole year. A 50 basis point increase or decrease is used when reporting interest rate risk internally to key management personnel and represents management's assessment of the reasonably possible change in interest rates. If interest rates had been 50 basis points higher/lower and all other variables were held constant, the Company's:

- a) Profit for the year ended March 31, 2018 would decrease/increase by ₹ 800 (for the year ended March 31, 2017: ₹ 400 decrease/increase). This is mainly attributable to Company's exposure to interest rates on its variable rate borrowings; and
- b) There being no debt instrument passing through FVTOCI, there would not be any impact of such change in interest rate, on OCI.

The company's sensitivity to interest rates has decreased during the current year mainly due to the structure financial products negotiated by the company with the lenders and also due to the reduction in the prime lending rates of the lenders in general.

### (xi) Other price risks

Company's investments in equity instruments are restricted to its investment in its subsidiaries and associates which are held for strategic purposes rather than for trading. The Company, as on the reporting date of March 31, 2018 has about 8 subsidiaries, which include companies incorporated in India and abroad. All the subsidiaries are closely held companies and unlisted, except Artson Engineering Limited, which is listed on BSE. Company holds 75% of the stake. However the purpose of all such investments being strategic rather than for trading, as mentioned above, the Company does not recognise any impact of sensitivity in the equity prices

### (xii) Credit Risk Management

The credit risk to the company arises from three sources:

- a) Customers, who default on their contractual obligations, thus resulting in financial loss to the company
- b) Non certification by the customers, either in part or in full, the works billed as per the contract, being non claimable cost as per the terms of the contract with the customer
- c) Subsidiaries, Associates or Unincorporated JVs, on whose behalf, the company has provided guarantees, both Bank and Corporate, in the event of invocation of such guarantees by the beneficiaries

#### a) Customers:

Company evaluates the credentials of a customer at a very early stage of the bid. Company has adopted a policy of 3 tier verification before participating for any bid. The first step of such verification includes verification of customer credentials. The company, as part of verification of the customer credentials, ensures the compliance with the following criterion,

- (i) Customer's financial health by examining the audited financial statements
- (ii) Whether the Customer has achieved the financial closure for the work for which the company is bidding
- (iii) Where the customer is a private entity, the rating of the customer by a reputed agency like Dun & Bradstreet
- (iv) Brand and market reputation of the customer
- (v) Details of other contractors working with the customer

## Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

(vi) Where the customer is Public Sector Undertaking, sanction and availability of adequate financial resources for the proposed work

Company makes provision on its financial assets, on every reporting period, as per Expected Credit Loss Method. The provision is made separately for each financial assets of each business line. The percentage at which the provision is made, is determined on the basis of historical experience of such provisions, modified to the current and prospective business and customer profile.

Trade receivables consist of large number of customers, spread across diverse industries and geographical areas. Majority of the customers of the company comprise of Public Sector Undertakings, with whom the company does not perceive any credit risk. As regards the customers from private sector, company carries out financial evaluation on regular basis and provides for any amount perceived as non realisable, in the books of accounts.

b) Non certification of works billed

The Company has contract claims from customers including costs on account of account of delays/ changes in scope / design by them etc. which are at various stages of discussions / negotiations or under arbitrations. The realisability of these claims are estimated based on contractual terms, historical experience with similar claims as well as legal opinion obtained from internal and external experts, wherever necessary. Changes in facts of the case or the legal framework may impact realisability of these claims.

c) Guarantees:

Company provides guarantees, both from its line of credit and as a corporate, on behalf of its subsidiaries, associates and Unincorporated Joint Ventures. These guarantees are provided to customers of the said entities. While these guarantees are disclosed as contingent liabilities in the financial statements, Company does not perceive any credit risk in respect of any of such guarantees issued.

### (xiii) Liquidity Risk Management

Company being an EPC contractor, has a constant liquidity pressures to meet the project requirements. These requirements are met by a balanced mix of borrowings and project cash flows. Cash flow forecast is made for all projects on monthly basis and the same are tracked for actual performance on daily basis. Shortfall in cash flows are matched through short term borrowings and other strategic financing means. The daily project requirements are met by allocating the daily aggregated cash flows among the projects. Company has established practice of prioritising the site level payments and regulatory payments above other requirements

### (xiv) Financing facilities

Particulars	As at 31-Mar-18	As at 31-Mar-17
Unsecured fund based facilities, reviewed annually and payable at call		
amount used	88,252.52	-
amount unused	47,047.48	81,300.00
	<b>1,35,300.00</b>	<b>81,300.00</b>
Unsecured non- fund based facilities, reviewed annually		
amount used	2,16,053.38	94,985.00
amount unused	79,546.62	69,140.00
	<b>2,95,600.00</b>	<b>1,64,125.00</b>
Secured fund based facilities, reviewed annually and payable at call		
amount used	52,323.67	53,095.49
amount unused	77,494.33	63,313.51
	<b>1,29,818.00</b>	<b>1,16,409.00</b>
Secured non- fund based facilities, reviewed annually		
amount used	8,22,871.80	7,18,307.00
amount un used	2,03,975.20	2,43,007.90
	<b>10,26,847.00</b>	<b>9,61,314.90</b>



## Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 33.6 Financial Instruments (contd...)

#### (XV) Fair value measurements

Fair value of financial assets and liabilities measured at amortised cost.

Trade receivables, cash and cash equivalents, other bank balances, loans are financial assets with carrying values that approximate fair value. Borrowings, trade payables are financial liabilities with carrying values that approximate fair value. If measured at fair value in the financial statements, these financial instruments would be classified as Level 3 in the fair value hierarchy.

### 33.7. Earnings per Share

Particulars		Year Ended 31-Mar-18	Year ended 31-Mar-17
Profit after tax	A	18,373.62	11,116.14
<b>Basic and Diluted</b>			
Weighted average number of equity shares of ₹ 100/- each outstanding during the year	B	20.25	20.25
<b>Earnings Per Share (face value of ₹ 100/- each)</b>			
<b>Earnings per share - Basic and Diluted</b>	<b>A/B</b>	<b>907.34</b>	<b>548.95</b>

### 33.8. Related party transactions

#### Details of related parties:

Description of relationship	Names of related parties
(i) Entity holding more than 20%	The Tata Power Company Limited (TPCL) Omega TC Holdings Pte. Ltd.
(ii) Subsidiaries	Artson Engineering Limited (AEL) TQ Services (Mauritius) Pty. Ltd. (Formerly TPL-TQA Quality Services (Mauritius) Pty. Ltd.) TPL-TQA Quality Services South Africa Pty Limited TQ Services Europe GmbH Ujjwal Pune Limited TQ Cert Services Private Limited Industrial Quality Services, LLC Oman Ind Project Engineering (Shanghai) Co Ltd
(iii) Jointly controlled operations (JCO)	Refer Note no: 33.10 for list of Jv's
(iv) Jointly controlled entities (JCE)	Al Tawleed for Energy & Power Company TEIL Projects Limited Nesma Tata Projects Limited Co.
(v) Associates	Virendra Garments Manufacturing Private Limited (VGMPL)
(vi) Key Management Personnel (KMP)	Mr. S. Ramakrishnan, Chairman Mr. Samir Kumar Barua, Director Ms. Neera Saggi, Director Mr. Padmanabh Sinha, Director Mr. Pradeep N Dhume, Director Mr. Banmali Agrawala, Director Mr. Vinayak K Deshpande, Managing Director Mr. Arabinda Guha, Executive Director (w.e.f July 01, 2017) Mr. Anil Khandelwal, Chief Financial Officer

# TATA PROJECTS

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## Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 33.8. Related party transactions (Cont...)

Entity	Particulars	Transactions during the year		Balances outstanding at the end of the year	
		31-Mar-18	31-Mar-17	31-Mar-18	31-Mar-17
Entity holding more than 20%	<b>The Tata Power Company Limited</b>				
	Revenue from operations (net of reversals)	(5.99)	-	-	-
	Dividend paid	725.63	483.75	-	-
	Trade receivables	-	-	171.15	291.95
	Contractual reimbursable expenses	-	-	1.11	1.11
Entity holding more than 20%	<b>Omega TC Holdings Pte. Limited</b>				
	Dividend paid	366.33	244.22	-	-
Subsidiary	<b>Artson Engineering Limited</b>				
	Guarantee commission on corporate guarantee given	140.56	116.37	-	-
	Interest income on loan given	33.14	-	-	-
	Reimbursement of expenses by subsidiary	212.91	171.49	-	-
	Contract execution expenses	6,150.01	7,862.00	-	-
	Reimbursement of expenses to subsidiary	9.49	12.48	-	-
	Loans	-	-	240.22	207.10
	Trade receivables	-	-	53.63	267.98
	Contractual reimbursable expenses	-	-	1,126.63	715.22
	Project related advances	-	-	822.03	924.45
	Trade payables	-	-	1,455.70	2,242.63
	Guarantee obligation	-	-	156.83	240.39
	Bank guarantee limits utilised by subsidiary	-	-	1,793.63	1,188.00
	Corporate guarantees received	-	-	2,979.27	856.90
	Corporate guarantees given	-	-	2,666.67	2,340.08
Subsidiary	<b>TQ Services (Mauritius) Pty. Ltd.</b>				
	Dividend income	-	25.98	-	-
	Acquisition of additional shares	10.89	-	-	-
Subsidiary	<b>TQ Services Europe GmbH</b>				
	Revenue from operations	-	62.09	-	-
	Contract execution expenses	67.63	16.42	-	-
	Trade receivables	-	-	-	45.07
	Trade payables	-	-	31.11	0.44
Subsidiary	<b>TQ Cert Services Private Limited</b>				
	Contractual reimbursable expenses	-	-	15.85	-
Subsidiary	<b>Ujjwal Pune Limited</b>				
	Guarantee commission on corporate guarantee given	77.81	10.87	-	-
	Acquisition of additional shares	341.39	545.43	-	-
	Contractual reimbursable expenses	-	-	0.48	19.33
	Guarantee obligation	-	-	40.15	84.55
	Corporate guarantees given	-	-	6,895.00	-

## Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 33.8. Related party transactions (Cont...)

Entity	Particulars	Balances during period		Balances outstanding at the end of the period	
		31-Mar-18	31-Mar-17	31-Mar-18	31-Mar-17
Subsidiary	<b>Industrial Quality Services LLC Oman</b>				
	Contract execution expense	358.23	373.18	-	-
	Contractual reimbursable expenses	-	-	3.36	3.34
	Trade payables	-	-	79.42	156.12
Subsidiary	<b>IND Project Engineering (Shanghai) Co. Ltd.</b>				
	Contract execution expenses	1,021.01	485.19	-	-
	Acquisition of additional shares	-	27.34	-	-
	Contractual reimbursable expenses	-	-	-	10.07
	Trade Payables	-	-	169.46	157.05
Jointly controlled entities (JCE)	<b>TEIL Projects Limited</b>				
	Acquisition of additional shares	-	50.00	-	-
Jointly controlled entities (JCE)	<b>NESMA Tata Projects Limited</b>				
	Acquisition of shares	44.40	-	-	-
	Bank guarantee given	-	-	559.31	-
Jointly controlled operations (JCO)	<b>Tata Projects Brookfield Multiplex JV</b>				
	Other income	57.00	-	-	-
	Contractual reimbursable expenses	-	-	37.45	34.38
Jointly controlled operations (JCO)	<b>CEC-ITD Cem-TPL Joint Venture</b>				
	Revenue from operations	878.27	-	-	-
	Other income	91.20	-	-	-
	Contractual reimbursable expenses	-	-	66.11	66.79
	Bank guarantee given	-	-	3,002.68	11,320.40
Jointly controlled operations (JCO)	<b>JV of Tata Projects Limited &amp; Raghava Constructions</b>				
	Revenue from operations	197.65	-	-	-
	Trade receivables	-	-	233.23	-
	Contractual reimbursable expenses	-	-	203.91	-
Jointly controlled operations (JCO)	<b>Angelique -TPL JV</b>				
	Contractual reimbursable expenses	-	-	57.68	-
	Bank guarantee given	-	-	1,215.14	674.53
Jointly controlled operations (JCO)	<b>TPL Daewoo JV</b>				
	Contractual reimbursable expenses	-	-	68.45	-
	Bank guarantee given	-	-	11,877.55	-
KMP	<b>Key Management Personnel</b>				
	Short term employee benefits	946.54	647.24	-	-
	Post employment benefits	46.50	36.57	-	-
	Directors sitting fees	32.92	49.11	-	-
	Commission to Non-Executive Directors	110.00	120.00	-	-

## Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 33.9 Employee benefit plan

(i) Defined Contribution plan

In respect of defined contribution plans, an amount of ₹ 1,362.71 lakhs ( March 31, 2017: ₹ 847.56 lakhs) has been recognised as expense in the statement of Profit and Loss during the year

(ii) Defined benefit plans

#### a) Provident Fund

Employees of the Company receive benefits from a provident fund, which is a defined benefit plan. Both, the employees and the Company make monthly contributions to the provident fund plan equal to a specified percentage of the covered employee's salary. The Company contributes a portion to the Tata Projects Provident Fund Trust. The trust invests in specific designated instruments as permitted by Indian Law. The remaining portion is contributed to the government administered pension fund. The rate at which the annual interest is payable to the beneficiaries by the trust is administered by the government. The Company has an obligation to make good the shortfall, if any, between the return from the investments of the trust and the administered interest rate.

The actuary has provided a valuation for provident fund liabilities and based on the valuation, there is no shortfall as at March 31, 2018 and March 31, 2017.

#### Amount recognized in Balance Sheet:

Particulars	As at 31-Mar-18	As at 31-Mar-17
Plan assets at period end, at fair value*	27,176.53	21,056.09
Present value of benefit obligation at period end	27,176.53	21,056.09
Asset/(Liability) recognized in Balance Sheet	-	-

\*The plan assets have been primarily invested in the following categories.

Particulars	As at 31-Mar-18	As at 31-Mar-17
Government debt instruments	13,785.16	9,895.15
Other debt instruments	5,484.88	4,717.99
Others	7,906.49	6,442.95
<b>Total</b>	<b>27,176.53</b>	<b>21,056.09</b>

The principal assumptions used for the purposes of the actuarial valuations were as follows:

Particulars	As at 31-Mar-18	As at 31-Mar-17
Discount rate (%)	7.6	6.8
Future derived return on assets (%)	9.74	8.87
Average historic yield on the investment portfolio (%)	9.79	8.87
Guaranteed rate of return (%)	8.55	8.65

The Company contributed Rs. 1,686.67 and Rs. 2,077.22 during the years ended March 31, 2018 and March 31, 2017, respectively, and the same has been recognized in the Statement of Profit and Loss under the head employee benefit expense.

The expected contribution payable to the plan next year is Rs. 1,578.20.

## Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 33.9 Employee benefit plan (Contd...)

#### b) Gratuity, Pension, Post retirement Benefits

The following tables set out the funded status of Gratuity, Pension, Postretirement Medical benefits and the amounts recognized in the Company's financial statements as at March 31, 2018 and March 31, 2017.

Change in Defined Benefit Obligation (DBO) during the year	Year ended 31-Mar-18			Year ended 31-Mar-17		
	Gratuity	Pension	Post retirement medical benefits	Gratuity	Pension	Post retirement medical benefits
Opening defined benefit obligations	3,968.47	377.51	50.25	3,242.87	345.37	47.88
Current service cost	562.39	-	-	437.37	-	-
Interest Cost	250.10	24.17	3.25	231.90	25.50	3.56
Remeasurement (gains)/losses				-		
Actuarial (Gains)/losses arising from changes in demographic assumptions	(68.48)	-	-	-		
Actuarial (Gains)/losses arising from changes in financial assumptions	(212.71)	126.55	18.66	253.23	21.46	3.32
Actuarial (Gains)/losses arising from experience assumptions	197.53	46.63	(4.01)	223.64	29.26	(2.86)
Past Service Cost	3.86					
Benefits paid	(235.35)	(47.18)	(0.38)	(420.54)	(44.08)	(1.65)
<b>Closing defined benefit obligation</b>	<b>4,465.81</b>	<b>527.68</b>	<b>67.75</b>	<b>3,968.47</b>	<b>377.51</b>	<b>50.25</b>

Change in fair value of plant assets during the year	Year ended 31-Mar-18			Year ended 31-Mar-17		
	Gratuity	Pension	Post retirement medical benefits	Gratuity	Pension	Post retirement medical benefits
Opening fair value of plan assets	3,891.98	-	-	3,226.89	-	-
Interest income	251.70	-	-	238.50	-	-
Return on plan assets (excluding amounts included in net interest expense)	74.33	-	-	(83.84)	-	-
Contribution from the employer	471.29	47.18	0.38	930.97	44.08	1.65
Benefits paid	(235.35)	(47.18)	(0.38)	(420.54)	(44.08)	(1.65)
<b>Closing fair value of plan assets</b>	<b>4,453.95</b>	<b>-</b>	<b>-</b>	<b>3,891.98</b>	<b>-</b>	<b>-</b>

**Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018**

All amounts are in ₹ Lakhs unless otherwise stated

**33.9 Employee benefit plan (Contd...)**

Amount recognised in Balance sheet	Year ended 31-Mar-18			Year ended 31-Mar-17		
	Gratuity	Pension	Post retirement medical benefits	Gratuity	Pension	Post retirement medical benefits
Present value of funded defined benefit obligation	4,465.81	-		3,968.47	-	-
Fair value of plan assets	4,453.95	-		3,891.98	-	-
<b>Funded status</b>	<b>11.86</b>	<b>-</b>	<b>-</b>	<b>76.49</b>	<b>-</b>	<b>-</b>
Present value of unfunded defined benefit obligation	-	527.68	67.75	-	377.51	50.25
<b>Net liability arising from defined benefit obligation</b>	<b>11.86</b>	<b>527.68</b>	<b>67.75</b>	<b>76.49</b>	<b>377.51</b>	<b>50.25</b>
Net Defined benefit obligation bifurcated as follows						
Current	-	47.77	5.00	-	44.08	5.00
Non-Current	11.86	479.91	62.75	76.49	333.43	45.25
<b>Total</b>	<b>11.86</b>	<b>527.68</b>	<b>67.75</b>	<b>76.49</b>	<b>377.51</b>	<b>50.25</b>

Components of employer expense	Year ended 31-Mar-18			Year ended 31-Mar-17		
	Gratuity	Pension	Post retirement medical benefits	Gratuity	Pension	Post retirement medical benefits
Current Service Cost	562.39	-	-	437.37	25.50	3.56
Past Service Cost and loss from settlements	3.86	-		-	-	-
Interest Cost on net defined benefit liability	-	24.17	3.23	-	-	-
Net Interest expense	(1.60)			(6.60)	-	-
<b>Components of defined benefit costs recognised in profit or loss</b>	<b>564.65</b>	<b>24.17</b>	<b>3.23</b>	<b>430.77</b>	<b>25.50</b>	<b>3.56</b>
<b>Remeasurements:</b>						
Return on Plan Assets	(74.33)	-		83.84	-	-
Actuarial (Gains)/losses arising from changes in demographic assumptions	(68.48)	-		-		
Actuarial (Gains)/losses arising from changes in financial assumptions	(212.71)	126.55	18.66	253.23	21.47	3.32
Actuarial (Gains)/losses arising from experience assumptions	197.53	46.63	(4.01)	223.64	29.26	(2.86)
<b>Components of defined benefit costs recognised in other comprehensive income</b>	<b>(157.99)</b>	<b>173.18</b>	<b>14.65</b>	<b>560.71</b>	<b>50.73</b>	<b>0.46</b>

The remeasurement of the net defined liability is included in other comprehensive income

## Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 33.9 Employee benefit plan (Contd...)

The trustees of the plan have outsourced the investment management of the fund to Life Insurance Corporation (LIC). The insurance company in turn manages these funds as per the mandate provided to them by the trustees and the asset allocation which is within the permissible limits prescribed in the insurance regulations.

The principal assumptions used for the purposes of the actuarial valuations were as follows:

Particulars	As at 31-Mar-2018			As at 31-Mar-2017		
	Gratuity	Pension	Post retirement medical benefits	Gratuity	Pension	Post retirement medical benefits
Discount rate	7.60%	7.60%	7.60%	6.80%	6.80%	6.80%
Expected rate of salary increase	6.00%	-	-	6.00%	-	-
Expected rate of pension increase	-	5.00%	-	-	-	-
Medical Inflation rate	-	-	5.00%	-	-	-
Retirement Age*	60 yrs.	60 yrs.	-	60 yrs.	60 yrs.	60 yrs.
Leaving service	11.75%	-	-	10%	-	-

\* Mortality: Published rates under the Indian Assured Lives Mortality (2006-08) Ult table.

Sensitivity Analysis	Year ended 31-Mar-2018			Year ended 31-Mar-2017		
	Gratuity	Pension	Post retirement medical Benefits	Gratuity	Pension	Post retirement medical Benefits
<b>Discount rate</b>						
Impact of increase in 50 bps on DBO	-2.78%	-3.31%	-3.89%	-3.13%	-2.79%	-3.26%
Impact of decrease in 50 bps on DBO	2.93%	3.52%	4.17%	3.32%	2.95%	3.47%
<b>Life Expectancy</b>						
Life Expectancy 1 year decrease	-	-6.32%	4.63%	-	-5.42%	-3.72%
Life Expectancy 1 year increase	-	6.03%	-4.82%	-	5.00%	3.46%
<b>Salary Escalation Rate</b>						
Impact of increase in 50 bps on DBO	2.96%	-	-	3.32%	-	-
Impact of decrease in 50 bps on DBO	-2.83%	-	-	-3.17%	-	-
<b>Pension Increase Rate</b>						
Impact of increase in 50 bps on DBO	-	7.38%	-	-	-	-
Impact of decrease in 50 bps on DBO	-	-6.62%	-	-	-	-
<b>Medical Inflation Rate</b>						
Impact of increase in 100 bps on DBO	-	-	8.78%	-	-	-
Impact of decrease in 100 bps on DBO	-	-	-7.77%	-	-	-

**Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018**

All amounts are in ₹ Lakhs unless otherwise stated

**33.9 Employee benefit plan (Contd...)**
**Projected Plan Cash Flow**
**The expected cash flow profile of the benefits to be paid to the current membership of the plan, are as follows:**

Maturity Profile	As at 31-Mar-2018			As at 31-Mar-2017		
	Gratuity	Pension	Post retirement medical benefits	Gratuity	Pension	Post retirement medical benefits
Expected Benefits for year 1	761.24	47.76	5.00	581.11	44.08	5.00
Expected Benefits for year 2	545.53	48.62	5.16	453.05	42.81	4.92
Expected Benefits for year 3	530.95	49.32	5.32	389.88	41.44	4.84
Expected Benefits for year 4	626.03	49.85	5.48	409.74	39.98	4.75
Expected Benefits for year 5	683.78	50.18	5.63	499.37	38.42	4.66
Expected Benefits for year 6	427.46	50.30	5.77	554.13	36.78	4.55
Expected Benefits for year 7	444.40	50.20	5.89	337.93	35.05	4.44
Expected Benefits for year 8	455.93	49.86	6.01	366.95	33.26	4.32
Expected Benefits for year 9	342.84	49.28	6.10	387.06	31.41	4.20
Expected Benefits for year 10 and above	2,783.90	563.49	95.60	2760.75	265.51	46.83
Weighted average duration to the payment of these cash flows	5.70 Yrs	6.82 Yrs	8.05 Yrs	6.45Yrs	5.74 Yrs	6.73 Yrs

The expected contribution payable to the plan next year is Rs. 500.



## Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 33.10. Joint Operation - TPL's Share

Sl. No.	Name of the Joint Venture	Asat 31-Mar-2018	Asat 31-Mar-2017
1	TPL - VNR Infrastructure Ltd - Package 1 (JV) (TPL VNR JV - Pkg 1)	80.00%	80.00%
2	TPL - VNR Infrastructure Ltd - Package 2 (JV) (TPL VNR JV - Pkg 2)	85.00%	85.00%
3	GMR Kalindee - TPL JV MMTS Pkg 1	9.00%	9.00%
4	GMR Kalindee - TPL JV MMTS Pkg 2	25.00%	25.00%
5	GMR Kalindee - TPL JV MMTS Pkg 3	17.00%	17.00%
6	GMR Kalindee - TPL JV Jhansi-Bhimsen	14.29%	14.29%
7	TPL Kalindee JV	90.00%	90.00%
8	Sibmost -Tata projects (JV)	49.00%	49.00%
9	TATA-ALDESA JV	50.00%	50.00%
10	GIL- TPL(JV)	50.00%	50.00%
11	Express Freight Consortium	19.00%	19.00%
12	TPL - SUCG Consortium	85.00%	85.00%
13	TPL-JBTPL Joint Venture	75.00%	75.00%
14	GYT-TPL Joint Venture	49.00%	49.00%
15	GULERMARK - TPL Joint Venture	70.00%	70.00%
16	CEC-ITD Cem-TPL Joint Venture	20.00%	20.00%
17	CCECC -TPL JV	49.00%	49.00%
18	TPL-HGIEPL Joint Venture	74.00%	74.00%
19	TPL-Brookfield JV	50.00%	50.00%
20	JV of TATA Projects Ltd and Chint Electric Co. Ltd	95.00%	95.00%
21	Express Freight Railway Consortium	19.00%	19.00%
22	Ansaldo-Tpl CSR	27.23%	-
23	TPL-SSGIPL JV	80.00%	-
24	TPL-KIPL Joint Venture	75.00%	-
25	TPL Gulermak Karimnagar Jv	60.00%	-
26	Daewoo-TPL JV	40.00%	-
27	TPL-TEDA -500 KV Surat Thani Consortium	65.97%	-
28	Angelique -TPL JV	50.00%	-
29	TPL-TEDA -500 KV Roiet -Chaiyaphum-Consortium	50.00%	-
30	JV of Tata Projects Limited & Raghava Constructions	50.00%	-

## Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 33.11 Operating lease arrangements

#### (i) Payments recognised as an expense

Particulars	Year ended 31-Mar-2018	Year ended 31-Mar-2017
Minimum Lease payments	1,287.17	475.76

#### (ii) Non-cancellable operating lease commitments

	As at 31-Mar-18	As at 31-Mar-17
Not later than 1 year	1,548.66	488.32
Later than 1 year and not later than 5 years	2,898.97	1,696.42
Later than 5 years	613.67	891.84
	<b>5,061.30</b>	<b>3,076.58</b>

### 33.12 Corporate social responsibility

Gross amount required to be spent by the Company during the year as per Companies Act, 2013 is ₹ 291.37 (March 31, 2017: ₹ 247.58).

Amount spent during the year is:

Sl. No.	C S R Activities	In cash	Yet to be paid in Cash	Total
(i)	Construction/acquisition of any asset	-	-	-
		(-)	(-)	(-)
(ii)	On purposes other than (i) above	300.03	-	300.03
		(278.56)	(-)	(278.56)

Amounts in bracket indicate previous years numbers

### 33.13 Dividend paid in foreign currency

Particulars	Year ended 31-Mar-18	Year ended 31-Mar-17
Amount of dividend remitted in foreign currency (₹)	366.33	244.22
Total number of non-resident shareholders (to whom the dividends were remitted in foreign currency)	1	1
Total number of shares held by them on which dividend was due	488,440	488,440
Year to which the dividend relates	2016-17	2015-16

## Notes forming part of standalone Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 33.14 Details of Specified Bank Notes (SBN) held and transacted during the period from 8 November, 2016 to 30 December 2016:

Particulars	SBNs	Other denomination notes	Total
Closing cash in hand as on 08.11.2016	47.08	69.53	116.61
(+) Permitted receipts	-	294.00	294.00
(+) Unpermitted receipts	0.31	-	0.31
(-) Permitted payments	-	320.95	320.95
(-) Unpermitted payments	24.15	-	24.15
(-) Amount deposited in Banks	23.24	-	23.24
Closing cash in hand as on 30.12.2016	-	42.58	42.58

### 33.15 Proposed Dividend

The Board of Directors at its meeting held on May 03, 2018 has recommended a dividend of ₹ 100.00 per equity share.

### 33.16 Approval of financial statements

The financial statements were approved for issue by the Board of Directors on May 03, 2018.

**33.17** The Company as a Joint operator, recognizes assets, Liabilities, income and expenditure held/ incurred jointly with other partners in proportion to its interest in such joint arrangements in compliance with applicable accounting standards.

**33.18** Previous year's figures have been regrouped / reclassified wherever necessary to correspond with the current year's classification / disclosure.

**For Price Waterhouse & Co Chartered Accountants LLP**

**For and on behalf of the Board of Directors**

Firm Registration Number : 304026E/E-300009

**Sunit Kumar Basu**  
Partner

**S Ramakrishnan**  
Chairman

**Samir K Barua**  
Director

**Neera Saggi**  
Director

**Parashuram G Date**  
Director

Membership Number : 55000

**Padmanabh Sinha**  
Director

**Rajit H Desai**  
Director

**Pradeep N Dhume**  
Director

**Vinayak K Deshpande**  
Managing Director

**Arabinda Guha**  
Executive Director

**Anil Khandelwal**  
Chief Financial Officer

**B S Bhaskar**  
Company Secretary

Place : Hyderabad  
Date : 3<sup>rd</sup> May, 2018

Place: Mumbai  
Date: 3<sup>rd</sup> May, 2018



**PROFIT AND LOSS STATEMENT**  
For the year 2012  
Gross Margin: [1/1]  
Return on Sales: [1/1]

Stated in 000s

	Prior Period	Budget	Current Period	Current Period as % of Sales	% Change from Prior Period
<b>Sales Revenue</b>					
Product					
Service					
Service 2					
<b>Total Sales Revenue [J]</b>					
<b>Cost of Sales</b>					
Product 1	2,171,454	2,400,000	2,456,812	79,2%	13,1%
Product 2	187,544	155,689	191,240	6,2%	2,0%
Service 1	546,852	424,025	411,230	13,3%	-24,8%
Service 2	25,454	25,665	41,232	1,3%	62,0%
<b>Total Cost of Sales [K]</b>	<b>2,931,304</b>	<b>3,005,379</b>	<b>3,100,514</b>	<b>100,0%</b>	<b>5,8%</b>
<b>Gross Profit [L=J-K]</b>	<b>1,157,890</b>	<b>1,420,000</b>	<b>1,300,485</b>	<b>41,9%</b>	<b>-8,4%</b>
<b>Operating Expenses</b>	<b>172,565</b>	<b>155,689</b>	<b>165,223</b>	<b>5,3%</b>	<b>-4,3%</b>
Advertising and Marketing	489,562	424,025	489,562	15,8%	0,0%
Research and Development	24,546	25,665	40,565	1,3%	65,3%
Marketing	1,844,563	2,025,379	1,995,835	64,4%	8,2%
Operating Expenses (specify)					
Operating Expenses (specify)					
<b>Operating Expenses [M]</b>	<b>1,086,741</b>	<b>980,000</b>	<b>1,104,679</b>	<b>35,6%</b>	<b>-1,5%</b>
Operating Profit	124,353	15			
Development	2,546				

## Consolidated Financial Statements



## **INDEPENDENT AUDITORS' REPORT**

### **TO THE MEMBERS OF TATA PROJECTS LIMITED**

#### **Report on the Consolidated Indian Accounting Standards (Ind AS) Financial Statements**

1. We have audited the accompanying consolidated Ind AS financial statements of Tata Projects Limited ("hereinafter referred to as the Holding Company") and its subsidiaries (the Holding Company and its subsidiaries together referred to as "the Group") excluding certain joint ventures and associate companies as referred in note 3.3 to the attached Ind AS consolidated financial statements, comprising of the consolidated Balance Sheet as at March 31, 2018, the consolidated Statement of Profit and Loss (including Other Comprehensive Income), the consolidated Cash Flow Statement for the year then ended and the Statement of Changes in Equity for the year then ended, and a summary of significant accounting policies and other explanatory information prepared based on the relevant records (hereinafter referred to as "the Consolidated Ind AS Financial Statements").

#### **Management's Responsibility for the Consolidated Ind AS Financial Statements**

2. The Holding Company's Board of Directors is responsible for the preparation of these consolidated Ind AS financial statements in terms of the requirements of the Companies Act, 2013 (hereinafter referred to as "the Act") that give a true and fair view of the consolidated financial position, consolidated financial performance, consolidated cash flows and changes in equity of the Group in accordance with accounting principles generally accepted in India including the Indian Accounting Standards specified in the Companies (Indian Accounting Standards) Rules, 2015 (as amended) under Section 133 of the Act. The Holding Company's Board of Directors is also responsible for ensuring accuracy of records including financial information considered necessary for the preparation of consolidated Ind AS financial statements. The respective Board of Directors of the companies included in the Group are responsible for maintenance of adequate accounting records in accordance with the provisions of the Act for safeguarding the assets of the Group and for preventing and detecting frauds and other irregularities; the selection and application of appropriate accounting policies; making judgements and estimates that are reasonable and prudent; and the design, implementation and maintenance of adequate internal financial controls, that were operating effectively for ensuring the accuracy and completeness of the accounting records, relevant to the preparation and presentation of the financial statements that give a true and fair view and are free from material misstatement, whether due to fraud or error, which has been used for the purpose of preparation of the consolidated Ind AS financial statements by the Directors of the Holding Company, as aforesaid.

#### **Auditors' Responsibility**

3. Our responsibility is to express an opinion on these consolidated Ind AS financial statements based on our audit. While conducting the audit, we have taken into account the provisions of the Act and the Rules made thereunder including the accounting standards and matters which are required to be included in the audit report.
4. We conducted our audit of the consolidated Ind AS financial statements in accordance with the Standards on Auditing specified under Section 143(10) of the Act and other applicable authoritative pronouncements issued by the Institute of Chartered Accountants of India. Those Standards and pronouncements require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the consolidated Ind AS financial statements are free from material misstatement.
5. An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the consolidated Ind AS financial statements. The procedures selected depend on the auditors' judgement, including the assessment of the risks of material misstatement of the consolidated Ind AS financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal financial control relevant to the Holding Company's preparation of the consolidated Ind AS financial statements that give a true and fair view, in order to design audit procedures that are appropriate in the circumstances. An audit also includes evaluating the appropriateness of the accounting policies used and the reasonableness of the accounting estimates made by the Holding Company's Board of Directors, as well as evaluating the overall presentation of the consolidated Ind AS financial statements.

6. We believe that the audit evidence obtained by us and the audit evidence obtained by the other auditors in terms of their reports referred to in paragraph 8 of the Other Matters paragraph below, other than the unaudited financial information as certified by the management and referred to in paragraph 9 of the Other Matters paragraph below, is sufficient and appropriate to provide a basis for our audit opinion on the consolidated Ind AS financial statements.

## Opinion

7. In our opinion and to the best of our information and according to the explanations given to us, the aforesaid consolidated Ind AS financial statements give the information required by the Act in the manner so required and give a true and fair view in conformity with the accounting principles generally accepted in India of the consolidated state of affairs of the Group as at March 31, 2018, and their consolidated total comprehensive income (comprising of consolidated profit and consolidated other comprehensive income), their consolidated cash flows and consolidated changes in equity for the year ended on that date.

## Other Matter

8. We did not audit the financial statements/financial information of 4 subsidiaries and 1 joint operation whose financial statements/ financial information reflect total assets of Rs.20,011.71 lakhs and net assets of Rs.1,550.03 lakhs as at March 31, 2018, total revenue of Rs. 13,338.35 lakhs, total comprehensive income (comprising of profit and other comprehensive income) of Rs.711.22 lakhs and net cash inflows amounting to Rs.1,018.88 lakhs for the year ended on that date, as considered in the consolidated Ind AS financial statements. These financial statements/ financial information have been audited by other auditors whose reports have been furnished to us by the Management, and our opinion on the consolidated Ind AS financial statements insofar as it relates to the amounts and disclosures included in respect of these subsidiaries, joint operation and our report in terms of sub-section (3) of Section 143 of the Act insofar as it relates to the aforesaid subsidiaries, joint operation is based solely on the reports of the other auditors.
9. We did not audit the financial information of 1 subsidiary and 1 joint operation whose financial information reflect total assets of Rs. 198.98 lakhs and net assets of Rs. 112.82 lakhs as at March 31, 2018, total revenue of Rs. 145.90 lakhs, total comprehensive income (comprising of profit and other comprehensive income) of Rs.0.61 lakhs and net cash outflows amounting to Rs.60.27 lakhs for the year ended on that date, as considered in the consolidated Ind AS financial statements. These financial information are unaudited and have been furnished to us by the Management, and our opinion on the consolidated Ind AS financial statements insofar as it relates to the amounts and disclosures included in respect of this subsidiary and joint operation and our report in terms of sub-section (3) of Section 143 of the Act insofar as it relates to the aforesaid subsidiary and joint operation is based solely on such unaudited financial information. In our opinion and according to the information and explanations given to us by the Management, these financial information are not material to the Group.

Our opinion on the consolidated Ind AS financial statements and our report on Other Legal and Regulatory Requirements below, is not modified in respect of the above matters with respect to our reliance on the work done and the reports of the other auditors and the financial statements/ financial information certified by the Management.

10. The consolidated Ind AS financial statements of the Company for the year ended March 31, 2017, were audited by another firm of chartered accountants under the Companies Act, 2013 who, vide their report dated May 12, 2017, expressed an unmodified opinion on those financial statements. Our opinion is not qualified in respect of this matter.

## Report on Other Legal and Regulatory Requirements

11. As required by Section 143(3) of the Act, we report, to the extent applicable, that:
  - (a) We have sought and obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purposes of our audit of the aforesaid consolidated Ind AS financial statements.



- (b) In our opinion, proper books of account as required by law maintained by the Holding Company, its subsidiaries included in the Group incorporated in India including relevant records relating to preparation of the aforesaid consolidated Ind AS financial statements have been kept so far as it appears from our examination of those books and records of the Holding Company and the reports of the other auditors.
- (c) The Consolidated Balance Sheet, the Consolidated Statement of Profit and Loss (including other comprehensive income), Consolidated Cash Flow Statement and the Consolidated Statement of Changes in Equity dealt with by this Report are in agreement with the relevant books of account maintained by the Holding Company, its subsidiaries included in the Group incorporated in India including relevant records relating to the preparation of the consolidated Ind AS financial statements.
- (d) In our opinion, the aforesaid consolidated Ind AS financial statements comply with the Indian Accounting Standards specified under Section 133 of the Act.
- (e) On the basis of the written representations received from the directors of the Holding Company as on March 31, 2018 taken on record by the Board of Directors of the Holding Company and the reports of the statutory auditors of its subsidiary companies incorporated in India, none of the directors of the Group companies incorporated in India is disqualified as on March 31, 2018 from being appointed as a director in terms of Section 164 (2) of the Act.
- (f) With respect to the adequacy of the internal financial controls with reference to financial statements of the Holding Company, its subsidiary companies incorporated in India and the operating effectiveness of such controls, refer to our separate Report in Annexure A.
- (g) With respect to the other matters to be included in the Auditors' Report in accordance with Rule 11 of the Companies (Audit and Auditors) Rules, 2014, in our opinion and to the best of our information and according to the explanations given to us:
- i. The consolidated Ind AS financial statements disclose the impact, if any, of pending litigations as at March 31, 2018 on the consolidated financial position of the Group– Refer Note 33.1 (i) to the consolidated Ind AS financial statements.
  - ii. Provision has been made in the consolidated Ind AS financial statements, as required under the applicable law or accounting standards, for material foreseeable losses, if any, on long-term contracts including derivative contracts as at March 31, 2018.
  - iii. There were no amounts which were required to be transferred to the Investor Education and Protection Fund by the Holding Company, and its subsidiary companies incorporated in India during the year ended March 31, 2018.
  - iv. The reporting on disclosures relating to Specified Bank Notes is not applicable to the Group for the year ended March 31, 2018.

For **Price Waterhouse & Co Chartered Accountants LLP**

Firm Registration Number: 304026E/E-300009

**Sunit Kumar Basu**

Partner

Membership Number: 55000

Place : Hyderabad

Date : May 03, 2018

## ANNEXURE A TO THE INDEPENDENT AUDITORS' REPORT

**Referred to in paragraph 11(f) of the Independent Auditors' Report of even date to the members of Tata Projects Limited on the consolidated Ind AS financial statements for the year ended March 31, 2018**

### Report on the Internal Financial Controls under Clause (i) of Sub-section 3 of Section 143 of the Act

1. In conjunction with our audit of the Ind AS consolidated Ind AS financial statements of the Company as of and for the year ended March 31, 2018, we have audited the internal financial controls over financial reporting of Tata Projects Limited (hereinafter referred to as "the Holding Company") and its subsidiary companies which are companies incorporated in India, as of that date.

### Management's Responsibility for Internal Financial Controls

2. The respective Board of Directors of the Holding company, its subsidiary companies, to whom reporting under clause (i) of sub section 3 of Section 143 of the Act in respect of the adequacy of the internal financial controls over financial reporting is applicable, which are companies incorporated in India, are responsible for establishing and maintaining internal financial controls based on internal control over financial reporting criteria established by the Company considering the essential components of internal control stated in the Guidance Note on Audit of Internal Financial Controls Over Financial Reporting issued by the Institute of Chartered Accountants of India (ICAI). These responsibilities include the design, implementation and maintenance of adequate internal financial controls that were operating effectively for ensuring the orderly and efficient conduct of its business, including adherence to the respective company's policies, the safeguarding of its assets, the prevention and detection of frauds and errors, the accuracy and completeness of the accounting records, and the timely preparation of reliable financial information, as required under the Act.

### Auditor's Responsibility

3. Our responsibility is to express an opinion on the Company's internal financial controls over financial reporting based on our audit. We conducted our audit in accordance with the Guidance Note on Audit of Internal Financial Controls Over Financial Reporting (the "Guidance Note") issued by the ICAI and the Standards on Auditing deemed to be prescribed under section 143(10) of the Companies Act, 2013, to the extent applicable to an audit of internal financial controls, both applicable to an audit of internal financial controls and both issued by the ICAI. Those Standards and the Guidance Note require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether adequate internal financial controls over financial reporting was established and maintained and if such controls operated effectively in all material respects.
4. Our audit involves performing procedures to obtain audit evidence about the adequacy of the internal financial controls system over financial reporting and their operating effectiveness. Our audit of internal financial controls over financial reporting included obtaining an understanding of internal financial controls over financial reporting, assessing the risk that a material weakness exists, and testing and evaluating the design and operating effectiveness of internal control based on the assessed risk. The procedures selected depend on the auditor's judgement, including the assessment of the risks of material misstatement of the Ind AS financial statements, whether due to fraud or error.
5. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion on the internal financial controls system over financial reporting of the Holding Company and its subsidiary companies which are incorporated in India.

### Meaning of Internal Financial Controls Over Financial Reporting

6. A company's internal financial control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of Ind AS financial statements for external purposes in accordance with generally accepted accounting principles. A company's internal financial control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of

records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of Ind AS financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorisations of management and directors of the company; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorised acquisition, use, or disposition of the company's assets that could have a material effect on the Ind AS financial statements.

#### **Inherent Limitations of Internal Financial Controls Over Financial Reporting**

7. Because of the inherent limitations of internal financial controls over financial reporting, including the possibility of collusion or improper management override of controls, material misstatements due to error or fraud may occur and not be detected. Also, projections of any evaluation of the internal financial controls over financial reporting to future periods are subject to the risk that the internal financial control over financial reporting may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

#### **Opinion**

8. In our opinion, the Holding Company, its subsidiary companies which are companies incorporated in India, have, in all material respects, an adequate internal financial controls system over financial reporting and such internal financial controls over financial reporting were operating effectively as at March 31, 2018, based on the internal control over financial reporting criteria established by the Company considering the essential components of internal control stated in the Guidance Note on Audit of Internal Financial Controls Over Financial Reporting issued by the Institute of Chartered Accountants of India.

For **Price Waterhouse & Co Chartered Accountants LLP**

Firm Registration Number: 304026E/E-300009

**Sunit Kumar Basu**

Partner

Membership Number: 55000

Place : Hyderabad

Date : May 03, 2018

## Consolidated Balance sheet as at March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

Particulars	Note No.	As at 31-Mar-2018	As at 31-Mar-2017
<b>ASSETS</b>			
<b>Non-current assets</b>			
(A) Property, plant and equipment	4	35,439.67	29,377.13
(B) Capital work-in-progress	4	2,670.34	253.10
(C) Goodwill on consolidation	5	391.55	391.30
(D) Intangible assets	6	1,286.93	437.96
(E) Intangible assets under development	6	922.92	445.97
(F) Financial assets			
(i) Investments	7	626.40	-
(ii) Trade receivables	8	18,401.64	16,220.24
(iii) Other financial assets	9	13,459.60	1,945.64
(G) Deferred tax assets (net)	10	10,376.01	9,693.31
(H) Non-current tax assets (net)	11	10,810.94	7,881.70
(I) Other non-current assets	12	6,240.22	7,497.10
<b>Total non-current assets</b>		<b>1,00,626.22</b>	<b>74,143.45</b>
<b>Current assets</b>			
(A) Inventories	13	2,51,408.05	1,60,354.39
(B) Financial assets			
(i) Trade receivables	8	3,91,349.91	3,39,146.84
(ii) Cash and cash equivalents	14	56,112.86	33,418.73
(iii) Bank balances other than (ii) above	14	28,074.11	4,215.59
(iv) Other financial assets	9	1,32,832.13	49,036.99
(C) Other current assets	12	1,08,287.81	80,169.68
<b>Total current assets</b>		<b>9,68,064.87</b>	<b>6,66,342.22</b>
<b>Total Assets</b>		<b>10,68,691.09</b>	<b>7,40,485.67</b>
<b>EQUITY AND LIABILITIES</b>			
<b>Equity</b>			
(A) Equity share capital	15	2,025.00	2,025.00
(B) Other equity	16	1,13,582.35	96,634.73
<b>Equity attributable to owners of the Company</b>		<b>1,15,607.35</b>	<b>98,659.73</b>
Non-controlling interests	17	924.01	961.57
<b>Total equity</b>		<b>1,16,531.36</b>	<b>99,621.30</b>
<b>Liabilities</b>			
<b>Non-current liabilities</b>			
(A) Financial liabilities			
(i) Borrowings	18	8,422.94	2,780.53
(B) Provisions	19	3,433.65	3,077.56
<b>Total non-current liabilities</b>		<b>11,856.59</b>	<b>5,858.09</b>
<b>Current liabilities</b>			
(A) Financial liabilities			
(i) Borrowings	20	1,52,036.30	68,418.59
(ii) Trade payables	21	3,72,431.19	266,318.63
(iii) Other financial liabilities	22	17,814.98	11,037.49
(B) Provisions	19	749.66	585.67
(C) Current tax liabilities (net)	11	1,805.59	103.62
(D) Other current liabilities	23	3,95,465.42	288,542.28
<b>Total current liabilities</b>		<b>9,40,303.14</b>	<b>635,006.28</b>
<b>Total liabilities</b>		<b>9,52,159.73</b>	<b>640,864.37</b>
<b>Total Equity and Liabilities</b>		<b>10,68,691.09</b>	<b>740,485.67</b>

See accompanying notes forming part of the consolidated Ind AS financial statements 1 - 33.18

This is the Consolidated Balance Sheet referred to in our report of even date.

**For Price Waterhouse & Co Chartered Accountants LLP**

Firm Registration Number : 304026E/E-300009

**Sunit Kumar Basu**

Partner

Membership Number : 55000

**S Ramakrishnan**

Chairman

**Padmanabh Sinha**

Director

**Arabinda Guha**

Executive Director

**Samir K Barua**

Director

**Rajit H Desai**

Director

**Anil Khandelwal**

Chief Financial Officer

**For and on behalf of the Board of Directors**

**Neera Saggi**

Director

**Pradeep N Dhume**

Director

**Parashuram G Date**

Director

**Vinayak K Deshpande**

Managing Director

**B S Bhaskar**

Company Secretary

Place : Hyderabad

Date : 3<sup>rd</sup> May, 2018

Place: Mumbai

Date: 3<sup>rd</sup> May, 2018

## Consolidated Statement of Profit and Loss for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

Particulars		Note No.	For the year ended 31-Mar-2018	For the year ended 31-Mar-2017
I	Revenue from operations	24	9,22,320.54	6,27,003.13
II	Other income	25	5,258.77	2,516.43
<b>III</b>	<b>Total Income (I + II)</b>		<b>9,27,579.31</b>	<b>6,29,519.56</b>
<b>IV</b>	<b>Expenses</b>			
	(a) Contract execution expenses	26	8,22,811.46	547,199.64
	(b) Cost of materials consumed		28,421.94	21,703.22
	(c) Changes in inventories of finished goods, work-in-process and contracts-in-progress	27	(91,199.18)	(70,972.05)
	(d) Excise Duty		495.23	3,254.99
	(e) Employee benefit expense	28	60,669.55	47,105.58
	(f) Finance costs	29	18,775.15	15,141.67
	(g) Depreciation and amortization expense	30	12,180.33	11,085.22
	(h) Other expenses	31	45,686.03	36,319.02
	<b>Total expenses (IV)</b>		<b>8,97,840.51</b>	<b>6,10,837.29</b>
<b>V</b>	<b>Profit before tax (III-IV)</b>		<b>29,738.80</b>	<b>18,682.27</b>
<b>VI</b>	<b>Tax Expense:</b>			
	(i) Current tax expense	32	11,711.28	8,046.41
	(ii) Deferred tax credit		(668.51)	(2,911.34)
	<b>Net tax expense (VI)</b>		<b>11,042.77</b>	<b>5,135.07</b>
<b>VII</b>	<b>Profit for the year (V - VI)</b>		<b>18,696.03</b>	<b>13,547.20</b>
<b>VIII</b>	<b>Other comprehensive income</b>			
A	(i) Items that will not be reclassified to profit and loss			
	(a) Remeasurements of the defined benefit plans		(25.50)	(611.47)
	(b) Income tax relating to these items		9.23	211.98
B	(i) Items that may be reclassified to profit and loss		<b>(16.27)</b>	<b>(399.49)</b>
	(a) Exchange differences in translating the financial statements of foreign operations		44.75	(31.14)
	<b>Total other comprehensive income [(A(i) + B(i))]</b> (VIII)		<b>28.48</b>	<b>(430.63)</b>
<b>IX</b>	<b>Total comprehensive income for the year (VII+VIII)</b>		<b>18,724.51</b>	<b>13,116.57</b>
	Profit for the year attributable to:			
	- Owners of the Company		18,728.31	12,835.58
	- Non-controlling interests		(32.28)	711.62
			18,696.03	13,547.20
	Other Comprehensive income for the year attributable to:			
	- Owners of the Company		27.69	(430.79)
	- Non-controlling interests		0.79	0.16
			28.48	(430.63)
	Total Comprehensive income for the year attributable to:			
	- Owners of the Company		18,756.00	12,404.79
	- Non-controlling interests		(31.49)	711.78
			<b>18,724.51</b>	<b>13,116.57</b>
	Earnings per equity share :			
	(1) Basic (₹)	33.6	924.85	633.86
	(2) Diluted (₹)		924.85	633.86

See accompanying notes forming part of the consolidated Ind AS financial statements 1-33.18

This is the Consolidated statement of Profit and loss referred to in our report of even date.

**For Price Waterhouse & Co Chartered Accountants LLP**

Firm Registration Number : 304026E/E-300009

**Sunit Kumar Basu**

Partner

Membership Number : 55000

**S Ramakrishnan**

Chairman

**Padmanabh Sinha**

Director

**Arabinda Guha**

Executive Director

**Samir K Barua**

Director

**Rajit H Desai**

Director

**Anil Khandelwal**

Chief Financial Officer

**For and on behalf of the Board of Directors**

**Neera Saggi**

Director

**Pradeep N Dhume**

Director

**Parashuram G Date**

Director

**Vinayak K Deshpande**

Managing Director

**B S Bhaskar**

Company Secretary

Place : Hyderabad

Date : 3<sup>rd</sup> May, 2018

Place: Mumbai

Date: 3<sup>rd</sup> May, 2018

**Consolidated Statement of Changes in Equity for the year ended March 31, 2018**

All amounts are in ₹ Lakhs unless otherwise stated

<b>A Equity Share Capital</b>	<b>Amount</b>
<b>Balance as at March 31, 2016</b>	<b>2,025.00</b>
Changes in equity share capital during the year	-
<b>Balance as at March 31, 2017</b>	<b>2,025.00</b>
Changes in equity share capital during the year	-
<b>Balance as at March 31, 2018</b>	<b>2,025.00</b>

**B Other Equity**

	Reserves and Surplus						
	Securities premium reserve	General reserve	Retained earnings	Legal reserve	Capital reserve on consolidation	Foreign exchange translation reserve	Total
<b>Balance as at March 31, 2016</b>	<b>4,987.50</b>	<b>19,749.20</b>	<b>60,814.28</b>	-	<b>61.42</b>	<b>(168.34)</b>	<b>85,444.06</b>
Profit for the year	-	-	12,835.58	-	4.50	(31.14)	12,808.94
Other comprehensive income for the year	-	-	(399.65)	-	-	-	(399.65)
<b>Total comprehensive income for the year</b>	-	-	<b>12,435.93</b>	-	<b>4.50</b>	<b>(31.14)</b>	<b>12,409.29</b>
Amount transferred to General reserve	-	9,293.50	(9,293.50)	-	-	-	-
Amount transferred to legal reserve	-	-	(3.95)	3.95	-	-	-
Payments of dividends and dividend distribution tax	-	-	(1,218.62)	-	-	-	(1,218.62)
<b>Balance as at March 31, 2017</b>	<b>4,987.50</b>	<b>29,042.70</b>	<b>62,734.14</b>	<b>3.95</b>	<b>65.92</b>	<b>(199.48)</b>	<b>96,634.73</b>
Profit for the year	-	-	18,728.31	-	9.14	44.75	18,782.20
Other comprehensive income for the year	-	-	(17.06)	-	-	-	(17.06)
<b>Total comprehensive income for the year</b>	-	-	<b>18,711.25</b>	-	<b>9.14</b>	<b>44.75</b>	<b>18,765.14</b>
Opening reserves pertaining to Non Controlling interest due to further investment	-	-	5.12	-	-	-	5.12
Amount transferred to legal reserve	-	-	(3.54)	3.54	-	-	-
Payments of dividends and dividend distribution tax	-	-	(1,822.64)	-	-	-	(1,822.64)
<b>Balance as at March 31, 2018</b>	<b>4,987.50</b>	<b>29,042.70</b>	<b>79,624.33</b>	<b>7.49</b>	<b>75.06</b>	<b>(154.73)</b>	<b>113,582.35</b>

This is the consolidated Statement of Changes in Equity referred to in our report of even date.

**For Price Waterhouse & Co Chartered Accountants LLP**
**For and on behalf of the Board of Directors**

Firm Registration Number : 304026E/E-300009

**Sunit Kumar Basu**

Partner

Membership Number : 55000

**S Ramakrishnan**

Chairman

**Padmanabh Sinha**

Director

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Executive Director

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**Neera Saggi**

Director

**Pradeep N Dhume**

Director

**Parashuram G Date**

Director

**Vinayak K Deshpande**

Managing Director

**B S Bhaskar**

Company Secretary

Place : Hyderabad

 Date : 3<sup>rd</sup> May, 2018

Place: Mumbai

 Date: 3<sup>rd</sup> May, 2018

## Consolidated Statement of Cash Flow for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

Particulars	Year ended 31-Mar-2018	Year ended 31-Mar-2017
<b>Cash flows from operating activities</b>		
Profit for the year	18,696.03	13,547.20
Adjustments for :		
Income tax expense recognised in profit or loss	11,042.77	5,135.07
Finance Costs recognised in profit or loss	18,755.15	15,141.67
Interest Income recognised in profit or loss	(2,693.04)	(722.72)
(Gain)/Loss on disposal of property, plant and equipment	(373.91)	10.86
Depreciation and amortisation expense	12,180.33	11,085.22
Advances written off	6.56	172.59
Provision for doubtful trade receivables	836.33	1,386.78
Provision for doubtful advances (net of reversals)	(87.05)	(179.38)
Liabilities no longer required written back	(634.10)	(714.64)
Effect of Ind AS adjustments on discounting of financial assets	90.99	59.56
Net foreign exchange (gain)/loss	(134.02)	261.06
	<b>57,706.04</b>	<b>45,183.27</b>
Movements in working capital		
(Increase)/decrease in trade receivables	(55,086.89)	(78,004.34)
(Increase)/decrease in inventories	(91,053.66)	(70,952.60)
(Increase)/decrease in other assets	(1,18,637.25)	(4,059.94)
Increase/(decrease) in trade payables	1,06,746.66	39,177.17
Increase/(decrease) in other liabilities	1,11,201.89	1,38,528.09
<b>Cash generated from operations</b>	<b>10,876.79</b>	<b>69,871.65</b>
Income Taxes paid	(12,938.55)	(11,252.87)
<b>Net cash (used in) / generated by operating activities</b>	<b>(2,061.76)</b>	<b>58,618.78</b>
<b>Cash flows from investing activities</b>		
Interest received	2,202.76	679.72
Payments for property, plant and equipment	(21,649.84)	(16,341.61)
Proceeds from disposal of property, plant and equipment	2,608.11	230.49
Intercompany deposits received/given	707.20	(707.20)
Decrease in other Bank balances	(28,281.32)	(3,212.06)
Investments in equity instruments/ joint ventures	(582.00)	(44.40)
<b>Net cash used in by investing activities</b>	<b>(44,995.09)</b>	<b>(19,395.06)</b>
<b>Cash flows from financing activities</b>		
Proceeds / (Repayment) from borrowings - Net	94,376.68	(6,404.83)
Dividends on equity shares (including dividend distribution tax)	(1,822.64)	(1,218.62)
Interest paid	(17,688.25)	(14,423.15)
<b>Net cash (used in)/ generated by financing activities</b>	<b>74,865.79</b>	<b>(22,046.60)</b>
<b>Net increase in cash and cash equivalents</b>	<b>27,808.94</b>	<b>17,177.12</b>
<b>Cash and cash equivalents at the beginning of the year (Refer note 14)</b>	<b>15,700.14</b>	<b>(1,451.84)</b>
Effects of exchange rate changes on the balance of cash and cash equivalents held in foreign currencies	0.11	(25.14)
<b>Cash and cash equivalents at the end of the year (Refer note 14)</b>	<b>43,509.19</b>	<b>15,700.14</b>

This is the Consolidated Cash flow statement referred to in our report of even date.

**For Price Waterhouse & Co Chartered Accountants LLP**

Firm Registration Number : 304026E/E-300009

**Sunit Kumar Basu**

Partner

Membership Number : 55000

**S Ramakrishnan**

Chairman

**Padmanabh Sinha**

Director

**Arabinda Guha**

Executive Director

**Samir K Barua**

Director

**Rajit H Desai**

Director

**Anil Khandelwal**

Chief Financial Officer

**For and on behalf of the Board of Directors**

**Neera Saggi**

Director

**Pradeep N Dhume**

Director

**Parashuram G Date**

Director

**Vinayak K Deshpande**

Managing Director

**B S Bhaskar**

Company Secretary

Place : Hyderabad

Date : 3<sup>rd</sup> May, 2018

Place: Mumbai

Date: 3<sup>rd</sup> May, 2018

## Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 1. General Information:

Tata Projects Limited (the Parent Company) and its subsidiaries and jointly controlled entities (together the 'Group') are in the business of executing EPC, Transmission & Distribution, Transportation, Construction & Environment, Urban Infrastructure and Quality services and provides turnkey end to end project implementing services in these verticals.

### 2. Applicability of new and revised Ind AS:

The Group is in the process of assessing the detailed impact of Ind-AS 115 which will become effective from 1st April, 2018.

The Group intends to adopt the standard using the modified retrospective approach which means that the cumulative impact of the adoption will be recognised in the retained earnings as of 1st April 2018 and that comparatives will not be restated.

### 3. Significant Accounting Policies :

#### 3.1 Statement of compliance

The financial statements comply in all material aspects with Indian Accounting Standard (Ind AS) notified under the Section 133 of the Companies Act, 2013 (the Act), Companies (Indian Accounting Standards) Rules, 2015 and other relevant provisions of the Act.

#### 3.2 Basis of preparation and presentation

The consolidated financial statements have been prepared on the historical cost basis except for certain financial instruments that are measured at fair values at the end of each reporting period, as explained in the accounting policies below :

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date, regardless of whether that price is directly observable or estimated using another valuation technique. In estimating the fair value of an asset or a liability, the Group takes into account the characteristics of the asset or liability if market participants would take those characteristics into account when pricing the asset or liability at the measurement date. Fair value for measurement and/or disclosure purposes in these financial statements is determined on such a basis, except for share-based payment transactions that are within the scope of Ind AS 102, leasing transactions that are within the scope of Ind AS 17, and measurements that have some similarities to fair value but are not fair value, such as net realizable value in Ind AS 2 or value in use in Ind AS 36.

In addition, for financial reporting purposes, fair value measurements are categorized into Level 1, 2, or 3 based on the degree to which the inputs to the fair value measurements are observable and the significance of the inputs to the fair value measurement in its entirety, which are described as follows:

- Level 1 inputs are quoted prices (unadjusted) in active markets for identical assets or liabilities that the entity can access at the measurement date;
- Level 2 inputs are inputs, other than quoted prices included within Level 1, that are observable for the asset or liability, either directly or indirectly; and
- Level 3 inputs are unobservable inputs for the asset or liability.

#### 3.3 Basis of consolidation

The consolidated financial statements relate to Tata Projects Limited, its subsidiary companies and jointly controlled entities ( the "Group") have been prepared on the following basis:

- (a) The financial statements of the subsidiary companies and jointly controlled entities used in the consolidation are drawn up to the same reporting date as that of the company i.e., March 31, 2018, except for a jointly controlled entity as mentioned below for which financial statements as on reporting date are not available. These have been consolidated based on latest available financial statements.



## Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

- (b) The financial statements of the Group have been combined on a line-by-line basis by adding together like items of assets, liabilities, income and expenses, after elimination of intra-group balances, intra group transactions and resulting unrealised profits or losses.
- (c) Share of profit/loss, assets and liabilities in the jointly controlled entities, which are not subsidiaries, have been consolidated on equity method by recognising profit proportionate to the extent of the Group's equity interest in such entity as per Ind AS 28 Financial Reporting of Interests in Joint Ventures.

The excess of cost to the group of its investments in the subsidiary companies over its share of equity of the subsidiary companies, at the dates on which the investments in the subsidiary companies were made, is recognised as `Goodwill` being an asset in the consolidated financial statements and is tested for impairment on annual basis. On the other hand, where the share of equity in the subsidiary companies as on the date of investment is in excess of cost of investments of the group, it is recognised as `Capital Reserve` and shown under the head `Reserves and surplus`, in the consolidated financial statements. The `Goodwill` / `Capital Reserve` is determined separately for each subsidiary company and such amounts are not set off between different entities.

Minority interest in the net assets of the consolidated subsidiaries consist of the amount of equity attributable to the minority shareholders at the date on which investments in the subsidiary companies were made and further movements in their share in the equity, subsequent to the dates of investments. Net profit / loss for the year of the subsidiaries attributable to minority interest is identified and adjusted against the profit after tax of the Group in order to arrive at the income attributable to shareholders of the Tata Projects Limited ("the Company").

Following subsidiary companies, associates and jointly controlled entities have been considered in the preparation of the consolidated financial statements:

The subsidiaries considered in the preparation of these consolidated financial statements are:

Name of the subsidiary	Country of incorporation	Percentage of ownership interest	
		As at 31-Mar-2018	As at 31-Mar-2017
Artson Engineering Limited	India	75	75
TQ Services (Mauritius) Pty Limited (formerly TPL-TQA Quality Services (Mauritius) Pty Ltd)	Mauritius	100	70
TPL-TQA Quality Services South Africa (Pty) Limited	South Africa	60	60
TQ Services Europe GmbH	Germany	100	100
Ujjwal Pune Limited	India	100	100
TQ Cert Services Private Limited	India	100	100
Industrial Quality Services LLC	Oman	70	70
Ind Project Engineering (Shanghai) Co.Ltd	China	100	100

The consolidation of the following subsidiary has been done on the basis of audited financial statements

- Artson Engineering Limited
- Ujjwal Pune Limited
- TQ Cert Services Private Limited
- TQ Services (Mauritius) Pty Limited (formerly TPL-TQA Quality Services (Mauritius) Pty.Ltd.)

## TATA PROJECTS

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### Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

- TPL-TQA Quality Services South Africa (Pty) Limited
- Industrial Quality Services LLC
- Ind Project Engineering (Shanghai) Co Ltd

The consolidation of the following subsidiary/ joint venture has been done on the basis of unaudited financial statements certified by Management

- TQ Services Europe GmbH

Interest in Joint ventures

Name of the subsidiary	Country of incorporation	Percentage holding	
		As at 31-Mar-18	As at 31-Mar-17
Al Tawleed For Energy & Power Company	Kingdom of Saudi Arabia	30	30
TEIL Projects Limited	India	50	50

The financial statements of above companies are not available and hence not considered for consolidation. Also, the above companies are currently under the process of liquidation.

The group's associates are:-

Name of the Company	Country of incorporation	Percentage of ownership interest	
		As at 31-Mar-18	As at 31-Mar-17
Virendra Garments Manufacturers Private Limited	India	24	24

The financial statements of the above Company is not available and hence has not been considered for consolidation.

#### 3.3.1 Changes in the Group's ownership interests in existing subsidiaries

Changes in the Group's ownership interests in subsidiaries that do not result in the Group losing control over the subsidiaries are accounted for as equity transactions. The carrying amounts of the Group's interests and the non-controlling interests are adjusted to reflect the changes in their relative interests in the subsidiaries. Any difference between the amount by which the non-controlling interests are adjusted and the fair value of the consideration paid or received is recognised directly in equity and attributed to owners of the Group.

When the Group loses control of a subsidiary, a gain or loss is recognised in profit or loss and is calculated as the difference between (i) the aggregate of the fair value of the consideration received and the fair value of any retained interest and (ii) the previous carrying amount of the assets (including goodwill), and liabilities of the subsidiary and any non-controlling interests. All amounts previously recognised in other comprehensive income in relation to that subsidiary are accounted for as if the Group had directly disposed of the related assets or liabilities of the subsidiary (i.e. reclassified to profit or loss or transferred to another category of equity as specified/permitted by applicable Ind AS). The fair value of any investment retained in the former subsidiary at the date when control is lost is regarded as the fair value on initial recognition for subsequent accounting under Ind AS 109, or, when applicable, the cost on initial recognition of an investment in an associate or a joint venture.

#### 3.3.2 Goodwill

Goodwill arising on an acquisition of a business is carried at cost as established at the date of acquisition of the business less accumulated impairment losses, if any. Goodwill arising on consolidation is not amortised but tested for impairment.

## Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 3.3.3 Investments in associates and Joint Ventures

An associate is an entity over which the Group has significant influence. Significant influence is the power to participate in the financial and operating policy decisions of the investee but is not control or joint control over those policies.

A joint venture is a joint arrangement whereby the parties that have joint control of the arrangement have rights to the net assets of the joint arrangement. Joint control is the contractually agreed sharing of control of an arrangement, which exists only when decisions about the relevant activities require unanimous consent of the parties sharing control

The results and assets and liabilities of associates or joint ventures are incorporated in these consolidated financial statements using the equity method of accounting,

An investment in an associate or a joint venture is accounted for using the equity method from the date on which the investee becomes an associate or a joint venture. On acquisition of the investment in an associate or a joint venture, any excess of the cost of the investment over the Group's share of the net fair value of the identifiable assets and liabilities of the investee is recognised as goodwill, which is included within the carrying amount of the investment. Any excess of the Group's share of the net fair value of the identifiable assets and liabilities over the cost of the investment, after reassessment, is recognised directly in equity as capital reserve in the period in which the investment is acquired.

When a group entity transacts with an associate or a joint venture of the Group, profits and losses resulting from the transactions with the associate or joint venture are recognised in the Group's consolidated financial statements only to the extent of interests in the associate or joint venture that are not related to the Group.

### 3.4 Estimates

The preparation of the financial statements in conformity with Ind AS requires management to make estimates, judgments and assumptions. These estimates, judgments and assumptions affect the application of accounting policies and the reported amounts of assets and liabilities, the disclosures of contingent assets and liabilities at the date of the financial statements and reported amounts of revenues and expenses during the year. Application of accounting policies that require critical accounting estimates involving complex and subjective judgments and the use of assumptions in these financial statements have been disclosed. Significant estimates like Contract estimates are made by way of project budgets in respect of each project to compute project profitability with various assumptions and judgements. Accounting estimates could change from period to period. Actual results could differ from those estimates. Appropriate changes in estimates are made as management becomes aware of changes in circumstances surrounding the estimates. Changes in estimates are reflected in the financial statements in the period in which changes are made and, if material, their effects are disclosed in the notes to the financial statements.

### 3.5 Revenue Recognition

#### (i) Income from Construction Contracts

When the outcome of a construction contract can be measured reliably, contract revenue and contract costs associated with the construction contract are recognised as revenue and expenses respectively by reference to the percentage of completion of the contract activity at the reporting date. The stage of completion is determined on the basis of actual work executed during the year, which is billable to the customer.

For the purpose of recognising revenue, contract revenue comprises the initial amount of revenue agreed in the contract, the variations in contract work, claims and incentive payments to the extent that it is probable they will result in revenue and they are capable of being reliably measured.

The percentage of completion method is applied on a cumulative basis in each accounting year to the current estimates of contract revenue and contract costs. The effect of a change in the estimate of the outcome of a contract is accounted for as a change in accounting estimates and the effect of which are recognised in the statement of profit and loss in the year in which the change is made and in subsequent years.

When the outcome of a construction contract cannot be estimated reliably, revenue is recognised only to the extent of contract costs incurred of which recovery is probable and the related contract costs are recognised as an expense in the year in which they are incurred.

When it is probable that the total contract cost will exceed total contract revenue, the expected loss is recognised as an expense in the Statement of Profit and Loss in the year in which such probability occurs.

## Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

No profit is recognized till a minimum of 10% progress is achieved on the contract, except in case of Tata Aldesa (JV), jointly controlled operation, in respect of which no profit is recognised till a minimum of 2.5% progress is achieved on the project and in case of other DFCC Projects, no profit is recognised till a minimum of 30% progress is achieved on the project. The cost incurred and invoices raised in respect of such contracts are included in Contract execution expenses and Revenue from operations in the Statement of Profit and Loss.

Amounts disclosed as revenue are inclusive of Excise Duty and net of returns if any, indirect taxes on sale collected from customer.

(ii) Revenue from sale of goods is recognized on dispatch of goods and on transfer of significant risks and rewards of ownership to the buyer, which generally coincides with the delivery of goods to customers.

(iii) Income from services rendered is recognised based on the agreements/arrangements with the concerned parties and when the services are rendered.

(iv) Other Income - Interest income is accounted on accrual basis. Dividend income is accounted for when the right to receive is established.

### 3.6 Unbilled Revenues

Unbilled revenue represents value of work executed, billed subsequent to balance sheet date and is valued at contract price.

### 3.7 Foreign Currence

Functional and presentation currency:

Items included in the financial statements of the Company are measured using the currency of the primary economic environment in which the entity operates. The functional currency of the Company is Indian Rupee.

Transactions in foreign currency are recorded at the exchange rates prevailing on the date of transaction. Foreign currency monetary items outstanding at the balance sheet date are restated at the prevailing year end rates. The resultant gain / loss upon such restatement along with gain / loss on account of foreign currency transactions are accounted in the Statement of Profit and Loss.

Forward exchange contracts are fair valued to Mark to Market ("MTM") at every reporting date till the date of settlement. MTM variances are accounted through Profit and Loss account which are finally written off or written back as the case may be on settlement.

In respect of financial statements of integral foreign operations of foreign branches, fixed assets are recorded at cost, based on the exchange rate prevailing at the date of the transaction. Current assets and current liabilities are reported using the exchange rates on the date of balance sheet, income and expenses are translated at the monthly average rates of exchange. The resultant exchange gains / losses are recognized in the Statement of Profit and Loss.

### 3.8 Employee Benefits

Employee benefits include provident fund, superannuation fund, gratuity fund, compensated absences and post retirement medical benefits.

#### Defined contribution plans

The Group's contribution to superannuation fund, considered as defined contribution plan is charged as an expense in the Statement of Profit and Loss based on the amount of contribution required to be made and when services are rendered by the employees.

#### Defined benefit plans

For defined retirement benefit plans, the cost of providing benefits is determined using the projected unit credit method, with actuarial valuations being carried out at the end of each annual reporting period. Remeasurement, comprising actuarial gains and losses, the effect of the changes to the asset ceiling (if applicable) and the return on plan assets (excluding net interest), is reflected immediately in the Balance Sheet with a charge or credit recognised in other comprehensive income in the period in which they occur. Remeasurement recognised in other comprehensive income is reflected immediately in retained earnings and is not reclassified to profit or loss. Past service cost is recognised in profit or loss in the period of a plan amendment. Net interest is calculated by applying the discount rate at the beginning of the period to the net defined benefit liability or asset. Defined benefit costs are categorized as follows:

(i) service cost (including current service cost, past service cost, as well as gains and losses on curtailments and settlements); (ii) net interest expense or income; and (iii) remeasurement.

## Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

The Group presents the first two components of defined benefit costs in profit or loss in the line item 'Employee benefits expense'. Curtailment gains and losses are accounted for as past service costs.

The retirement benefit obligation recognised in the Balance Sheet represents the actual deficit or surplus in the Group's defined benefit plans. Any surplus resulting from this calculation is limited to the present value of any economic benefits available in the form reductions in future contributions to the plans.

### Short term employee benefits

A liability is recognised for benefits accruing to employees in respect of wages and salaries, annual leave and sick leave in the period the related service is rendered at the undiscounted amount of the benefits expected to be paid in exchange for that service. Liabilities recognised in respect of short-term employee benefits are measured at the undiscounted amount of the benefits expected to be paid in exchange for that related service.

### Other long term employee benefits

Other Long term employee benefit comprise of leave encashment which is provided for based on the actuarial valuation carried out as at the end of the year.

Provision for pension and medical benefits payable to retired Managing Directors is made on the basis of an actuarial valuation as at the Balance Sheet date.

Liabilities recognised in respect of other long-term employee benefits are measured at the present value of the estimated future cash outflows expected to be made by the Group in respect of services provided by employees up to the reporting date.

## **3.9 Earnings Per Share**

The Group presents basic and diluted earnings per share ("EPS") data for its equity shares. Basic EPS is calculated by dividing the profit or loss attributable to equity shareholders by the weighted average number of equity shares outstanding during the year. Diluted EPS is determined by adjusting the profit or loss attributable to equity shareholders and the weighted average number of equity shares outstanding for the effects of all dilutive potential equity shares.

## **3.10 Leasing**

Leases are classified as finance leases whenever the terms of the lease transfer substantially all the risks and rewards of ownership to the lessee. All other leases are classified as operating leases.

The Group's significant leasing arrangements are in respect of operating leases for premises that are cancellable in nature. The lease rentals under such agreements are recognised in the Statement of Profit and Loss as per the terms of the lease.

Rental expense from operating leases is generally recognised on a straight-line basis over the term of the relevant lease. Where the rentals are structured solely to increase in line with expected general inflation to compensate for the lessor's expected inflationary cost increases, such increases are recognised in the year in which such benefits accrue.

## **3.11 Taxation**

Income tax expense represents the sum of the tax currently payable and deferred tax.

### **3.11.1 Current tax**

Current tax expense comprises taxes on income from operations in India and foreign tax jurisdictions. Tax expense related to India is determined on the basis of the Income Tax Act, 1961 and quantified at the amount expected to be paid to the taxation authorities using the applicable tax rates. Tax expense relating to overseas operations is determined in accordance with the tax laws applicable in countries where such operations are domiciled.

### **3.11.2 Deferred tax**

Deferred tax is recognised on temporary differences between the carrying amounts of assets and liabilities in the financial statements and the corresponding tax bases used in the computation of taxable profit. Deferred tax liabilities are generally recognised for all taxable temporary differences. Deferred tax assets are generally recognised for all deductible temporary differences to the extent that it is probable that taxable profits will be available against which those deductible temporary differences can be utilized. Such deferred tax assets and liabilities are not

**Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018**

All amounts are in ₹ Lakhs unless otherwise stated

recognised if the temporary difference arises from the initial recognition (other than in a business combination) of assets and liabilities in a transaction that affects neither the taxable profit nor the accounting profit.

The carrying amount of deferred tax assets is reviewed at the end of each reporting period and reduced to the extent that it is no longer probable that sufficient taxable profits will be available to allow all or part of the asset to be recovered.

Deferred tax liabilities and assets are measured at the tax rates that are expected to apply in the period in which the liability is settled or the asset realized, based on tax rates (and tax laws) that have been enacted or substantively enacted by the end of the reporting period.

Current and deferred tax for the period/year

Current and deferred tax are recognised in profit or loss, except when they relate to items that are recognised in other comprehensive income or directly in equity, in which case, the current and deferred tax are also recognised in other comprehensive income or directly in equity respectively. Where current tax or deferred tax arises from the initial accounting for a business combination, the tax effect is included in the accounting for the business combination.

Deferred tax assets and liabilities are offset when there is a legally enforceable right to offset current tax assets and liabilities and when the deferred tax balances relate to the same taxation authority. Current tax assets and tax liabilities are offset where the entity has a legally enforceable right to offset and intends either to settle on a net basis, or to realise the asset and settle the liability simultaneously.

**3.12. Property plant and equipment & Intangible Assets**

Property, plant and equipment are carried at cost less accumulated depreciation / amortization and impairment losses, if any. The cost of property, plant and equipment comprises its purchase price and other attributable expenditure incurred in making the asset ready for its intended use and interest on borrowings attributable to acquisition of qualifying property, plant and equipment up to the date the asset is ready for its intended use.

Property, plant and equipment retired from active use and held for sale are stated at the lower of their net book value and net realisable value and are disclosed separately.

**Intangible Assets:**

Intangible assets comprises of the application and other software procured through perpetual licences. The intangible assets are capitalised on implementation of such software and comprises of the prices paid for procuring the licence and implementation cost of such software.

**Depreciation and amortisation, impairment**

Depreciation has been provided on the written down value method as per the useful life as prescribed in Schedule II to the Companies Act, 2013 except in respect of following assets, in whose case, life of the assets has been assessed as under, based on technical advice, taking into account the nature of asset, the estimated usage of the asset, the operating conditions of the asset etc.

Scaffolding materials	5 years
Wire ropes and slings	2 years
Motor cars under car policy for executives	4 years
Tunnel Formwork equipment	2 years 2 months

Leasehold improvements are amortized over the duration of the lease.

Assets costing less than ₹ 10,000 are fully depreciated in the year of capitalization.

The assets owned by jointly controlled operations (JCO), are depreciated over the duration of the project except for TPL-Brookfield JV where, depreciation has been provided on the written down value method as per the useful life as prescribed in Schedule II to the Companies Act, 2013.

All property, plant and equipment are tested for impairment at the end of each financial year. The impairment loss being the excess of carrying value over the recoverable value of the assets, if any, is charged to the statement of Profit and Loss in the respective financial year. The impairment loss recognized in prior years is reversed in cases where the recoverable value exceeds the carrying value, upon reassessment in the subsequent years.

## Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 3.13 Inventories

Raw materials, Stores and spares are valued at lower of cost and net realisable value. Cost is ascertained on the basis of "weighted average" method.

Finished goods are valued at lower of cost and net realisable values. Cost comprises, material and applicable manufacturing overheads and excise duty.

### 3.14 Provisions, contingent liabilities and contingent assets

Provisions are recognised only when there is a present obligation as a result of past events and when a reasonable estimate of the amount of obligation can be made. The amount recognised as a provision is the best estimate of the consideration required to settle the present obligation at the end of the reporting period, taking into account the risks and uncertainties surrounding the obligation. When a provision is measured using the cash flows estimated to settle the present obligation, its carrying amount is the present value of those cash flows (when the effect of the time value of money is material).

Contingent liabilities are disclosed for (i) possible obligation which will be confirmed only by future events not wholly within the control of the Group or (ii) present obligations arising from past events where it is not probable that an outflow of resources will be required to settle the obligation or a reliable estimate of the amount of the obligation cannot be made. Contingent assets are neither recognised nor disclosed in the financial statements.

When it is probable at any stage of the contract, that the total cost will exceed the total contract revenue, the expected loss is recognised immediately.

### 3.15 Financial Instruments

Financial assets and financial liabilities are recognised when the Company becomes a party to the contractual provisions of the instruments.

Financial assets and financial liabilities are initially measured at fair value. Transaction costs that are directly attributable to the acquisition or issue of financial assets and financial liabilities (other than financial assets and financial liabilities at fair value through profit or loss) are added to or deducted from the fair value of the financial assets or financial liabilities, as appropriate, on initial recognition. Transaction costs directly attributable to the acquisition of financial assets or financial liabilities at fair value through profit or loss are recognised immediately in profit or loss.

**(i) Financial assets carried at amortised cost :-** A financial asset is subsequently measured at amortised cost if it is held within a business model whose objective is to hold the asset in order to collect contractual cash flows and the contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding.

**(ii) Financial assets at fair value through other comprehensive income :-** Financial assets are measured at fair value through other comprehensive income if these financial assets are held within a business model whose objective is achieved by both collecting contractual cash flows that give rise on specified dates to solely payments of principal and interest on the principal amount outstanding and by selling financial assets.

The Group has made an irrevocable election to present in other comprehensive income subsequent changes in the fair value of equity investments not held for trading.

**(iii) Financial assets at fair value through profit or loss :-** Financial assets are measured at fair value through profit or loss unless it is measured at amortised cost or at fair value through other comprehensive income on initial recognition. The transaction costs directly attributable to the acquisition of financial assets and liabilities at fair value through profit or loss are immediately recognised in profit or loss.

**(iv) Financial liabilities :-** Financial liabilities are measured at amortized cost using the effective interest method.

**(v) Investment in subsidiaries, Joint Ventures and Associates :-** On initial recognition, these investments are recognized at fair value plus any directly attributable transaction cost. Subsequently, they are measured at cost.

## Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### Impairment of Financial Assets

The Group applies the expected credit loss model for recognising impairment loss on financial assets measured at amortised cost, trade receivables, other contractual rights to receive cash or other financial asset.

For trade receivables or any contractual right to receive cash or another financial asset that result from transactions that are within the scope of Ind AS 11 and Ind AS 18, the Group always measures the loss allowance at an amount equal to lifetime expected credit losses.

Further, for the purpose of measuring lifetime expected credit loss allowance for trade receivables, the Group has used a practical expedient as permitted under Ind AS 109. This expected credit loss allowance is computed based on a provision matrix which takes into account historical credit loss experience and adjusted for forward-looking information.

### 3.16 Jointly controlled operations

The accounts of the Parent Company reflect its share of the Assets, Liabilities, Income and Expenditure of the jointly controlled operations which are accounted on the basis of the audited accounts of the joint ventures on line-by-line basis with similar items in the Parent Company accounts in proportion to its interest in such Joint Venture Agreements.

### 3.17 Segment reporting

The Group, based on the "Management Approach" as defined in Ind AS 108, evaluates the Group's performance and allocates resources based on the analysis of various performance indicators by business segments and geographic segments. Accordingly, information has been presented both along business segments and geographic segments.

The accounting policies adopted for segment reporting are in line with the accounting policies of the Group. Segment revenue, segment expenses, segment assets and segment liabilities have been identified to segments on the basis of their relationship to the operating activities of the segment.

Inter-segment revenue is accounted on the basis of transactions which are primarily determined based on market/fair value factors.

Revenue, expenses, assets and liabilities which relate to the Group as a whole and not allocable to segments on reasonable basis have been included under "unallocated revenue/expenses/assets/liabilities".

### 3.18 Operating cycle

The Group's activities (primarily construction activities) have an operating cycle that exceeds a period of twelve months. The Group has selected the duration of the individual contracts as its operating cycle, wherever appropriate, for classification of its assets and liabilities as current and non-current.

**3.19** The same accounting policies and methods of computation are followed in these consolidated financial statements as compared with the audited financial statements for the year ended March 31, 2017.

## 4. Property, plant and equipment and capital work-in progress

Particulars	Asat 31-Mar-18	Asat 31-Mar-17
<b>Carrying amounts :</b>		
Freehold Land	112.60	112.60
Buildings	991.05	1,100.86
Leasehold Improvements	871.80	73.69
Plant and equipments	28,341.54	23,556.62
Furniture & fixtures	1,108.99	960.82
Vehicles	675.09	583.34
Office Equipments	2,234.68	2,118.12
Computers	1,100.58	866.67
R&D capital mobile desalination plant	3.34	4.41
<b>Sub-total</b>	<b>35,439.67</b>	<b>29,377.13</b>
Capital work-in-progress	2,670.34	253.10
	<b>38,110.01</b>	<b>29,630.23</b>



## Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 4. Property, plant and equipment and capital work-in progress. (Contd...)

Particulars	Freehold land	Buildings	Leasehold improvements	Plant and equipments	Furniture & fixtures	Vehicles	Office equipments	Computers	Capital mobile desalination plant	Total
<b>a) Cost</b>										
<b>Balance as at March 31, 2016</b>	<b>112.60</b>	<b>1,669.36</b>	<b>711.36</b>	<b>47,175.29</b>	<b>1,742.42</b>	<b>1,377.56</b>	<b>4,512.08</b>	<b>2,130.00</b>	<b>40.24</b>	<b>59,470.91</b>
Additions	-	234.27	77.71	11,228.17	705.48	316.05	1,509.32	654.15	-	14,725.15
Disposals	-	-	(48.69)	(1,057.05)	(75.85)	(95.61)	(153.32)	(35.54)	-	(1,466.06)
<b>Balance as at March 31, 2017</b>	<b>112.60</b>	<b>1,903.63</b>	<b>740.38</b>	<b>57,346.41</b>	<b>2,372.05</b>	<b>1,598.00</b>	<b>5,868.08</b>	<b>2,748.61</b>	<b>40.24</b>	<b>72,730.00</b>
Additions	-	-	847.38	15,659.71	663.99	354.04	1,471.11	795.03	-	19,791.26
Disposals	-	-	(148.35)	(4,459.32)	(212.41)	(333.29)	(53.27)	(4.32)	-	(5,210.96)
<b>Balance as at March 31, 2018</b>	<b>112.60</b>	<b>1,903.63</b>	<b>1,439.41</b>	<b>68,546.80</b>	<b>2,823.63</b>	<b>1,618.75</b>	<b>7,285.92</b>	<b>3,539.32</b>	<b>40.24</b>	<b>87,310.30</b>
<b>b) Accumulated depreciation</b>										
<b>Balance as at March 31, 2016</b>	-	(677.14)	(624.07)	(26,960.02)	(1,077.25)	(923.48)	(2,618.28)	(1,521.18)	(34.41)	(34,435.83)
Disposals	-	-	18.04	949.73	35.37	83.26	103.70	34.61	-	1,224.71
Depreciation charge for the year	-	(125.63)	(60.66)	(7,779.50)	(369.35)	(174.44)	(1,235.38)	(395.37)	(1.42)	(10,141.75)
<b>Balance as at March 31, 2017</b>	-	(802.77)	(666.69)	(33,789.79)	(1,411.23)	(1,014.66)	(3,749.96)	(1,881.94)	(35.83)	(43,352.87)
Disposals	-	-	148.35	2,352.01	136.75	290.48	45.77	3.40	-	2,976.76
Depreciation charge for the year	-	(109.81)	(49.27)	(8,767.48)	(440.16)	(219.48)	(1,347.05)	(560.20)	(1.07)	(11,494.52)
<b>Balance as at March 31, 2018</b>	-	(912.58)	(567.61)	(40,205.26)	(1,714.64)	(943.66)	(5,051.24)	(2,438.74)	(36.90)	(51,870.63)
<b>Net Carrying amount as at March 31, 2017</b>	<b>112.60</b>	<b>1,100.86</b>	<b>73.69</b>	<b>23,556.62</b>	<b>960.82</b>	<b>583.34</b>	<b>2,118.12</b>	<b>866.67</b>	<b>4.41</b>	<b>29,377.13</b>
<b>Net Carrying amount as at March 31, 2018</b>	<b>112.60</b>	<b>991.05</b>	<b>871.80</b>	<b>28,341.54</b>	<b>1,108.99</b>	<b>675.09</b>	<b>2,234.68</b>	<b>1,100.58</b>	<b>3.34</b>	<b>35,439.67</b>

#### 4.1 Impairment Losses recognised during the year

The company carries out physical verification of its property, plant and equipment, in a phased manner over a period of three years. Assets whose working life has expired, would be retired from the books after due approvals, as per the Schedule of Powers. Assets which are not in working condition are assessed and are retired on annual basis as per Schedule of Powers ("SOP"). Assets in working condition are deployed at project sites and are leveraged among multiple projects in its useful life. Accordingly, no impairment loss is recognised during the year.

#### 4.2 Assets pledged as security

None of the property, plant and equipment except the property, plant and equipment deployed relating to projects being undertaken at Abu Dhabi, Kenya, Ethiopia and Ivory Coast are pledged as at the year ended 31st March, 2018.

**Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018**

All amounts are in ₹ Lakhs unless otherwise stated

**5. Goodwill on consolidation**

Particulars	As at 31-Mar-18	As at 31-Mar-17
<b>Cost</b>		
Goodwill	391.55	391.30
	<b>391.55</b>	<b>391.30</b>
	<b>For the year ended 31-Mar-18</b>	<b>For the year ended 31-Mar-17</b>
<b>Cost</b>		
Balance at the beginning of the year	391.30	391.44
Effect of foreign currency exchange differences	0.25	(0.14)
<b>Balance at the end of the year</b>	<b>391.55</b>	<b>391.30</b>

**6. Intangible Assets and Intangible assets under development**

Particulars	As at 31-Mar-18	As at 31-Mar-17
<b>Carrying amounts of :</b>		
Software (Refer note 6.1 below)	1,278.69	429.72
Goodwill	8.24	8.24
<b>Sub-total</b>	<b>1,286.93</b>	<b>437.96</b>
Intangible assets under development	922.92	445.97
	<b>2,209.85</b>	<b>883.93</b>

Particulars	Software	Goodwill
<b>Cost</b>		
<b>Balance as at March 31, 2016</b>	<b>2,929.98</b>	-
Additions	390.48	10.30
<b>Balance as at March 31, 2017</b>	<b>3,320.46</b>	<b>10.30</b>
Additions	1,534.78	-
<b>Balance as at March 31, 2018</b>	<b>4,855.24</b>	<b>10.30</b>

Particulars	Software	Goodwill
<b>Accumulated amortisation</b>		
<b>Balance as at March 31, 2016</b>	<b>(1,949.33)</b>	-
Amortisation	(941.41)	(2.06)
<b>Balance as at March 31, 2017</b>	<b>(2,890.74)</b>	<b>(2.06)</b>
Amortisation	(685.81)	-
<b>Balance as at March 31, 2018</b>	<b>(3,576.55)</b>	<b>(2.06)</b>

Particulars	Software	Goodwill
<b>Net Carrying amount as at March 31, 2017</b>	<b>429.72</b>	<b>8.24</b>
<b>Net Carrying amount as at March 31, 2018</b>	<b>1,278.69</b>	<b>8.24</b>

## Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 6.1 Significant Intangible assets

The Intangible assets significantly comprise of Goodwill, licenses held for accounting, engineering and other technical softwares. The carrying amount of these intangible assets as at March 31, 2018 is ₹ 1,278.69 (as at March 31, 2017 ₹429.72).

### 7. Investments

Particulars	As at 31-Mar-18		As at 31-Mar-17	
	Qty.	Amount	Qty.	Amount
<b>(a) Investments in joint ventures</b>				
<b>Unquoted Investments (all fully paid)</b>				
Investments in Equity Instruments				
i) TEIL Projects Limited (under liquidation) equity shares of ₹ 10 each fully paid-up	5,499,997	550.00	5,499,997	550.00
ii) Al-Tawleed for Energy & Power Company (under liquidation) SAR 2,000 per share equivalent to SAR 600,000 fully paid	300	75.60	300	75.60
iii) Nesma Tata Projects Limited SAR 500 per share equivalent to SAR 250,000 fully paid	500	44.40	-	-
<b>Total aggregate unquoted investments</b>		<b>670.00</b>		<b>625.60</b>
<b>Total carrying value of investments</b>		<b>670.00</b>		<b>625.60</b>
<b>Aggregate carrying value of unquoted investments</b>		<b>670.00</b>		<b>625.60</b>
<b>Less: Aggregate amount of impairment in value of investments in joint ventures</b>		<b>(625.60)</b>		<b>(625.60)</b>
<b>Net carrying value of unquoted investments (A)</b>		<b>44.40</b>		<b>-</b>
<b>(b) Investments in Equity Instruments</b>				
Virendra Garments Manufacturing Private Limited - shares of ₹ 100 each fully paid-up	1200	1.20	1200	1.20
Arth Designbuild India Private Limited - Face value of ₹ 10 each fully paid-up with premium of ₹ 18,626 per share	3123	582.00	-	-
<b>Total Investments In Equity Instruments (B)</b>		<b>583.20</b>		<b>1.20</b>
<b>(c) Investments in Partnership</b>				
Tata Dilworth Secord Meagher & Associates		1.80		1.80
<b>Total Investments In Partnership (C)</b>		<b>1.80</b>		<b>1.80</b>
<b>Total Non Current Investments (A) +(B) +(C)</b>		<b>629.40</b>		<b>3.00</b>
<b>Less: Aggregate amount of impairment in value of investments</b>		<b>(3.00)</b>		<b>(3.00)</b>
<b>Carrying Value of total non current investments</b>		<b>626.40</b>		<b>-</b>

Note:

In accordance with Ind-AS transitional provisions, the Company opted to consider previous GAAP carrying value of investments as deemed cost on transition date for investments in associates and partnership in separate financial statements.

**Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018**

All amounts are in ₹ Lakhs unless otherwise stated

**8. Trade receivables**

Particulars	As at 31-Mar-18	As at 31-Mar-17
<b>Non-current</b>		
Trade Receivables		
(a) Unsecured, considered good	18,401.64	16,220.24
(b) Doubtful	306.65	483.43
Allowance for doubtful debts (expected credit loss allowance)	(306.65)	(483.43)
<b>Total</b>	<b>18,401.64</b>	<b>16,220.24</b>
<b>Current</b>		
Trade Receivables		
(a) Unsecured, considered good	391,349.91	339,146.84
(b) Doubtful	5,666.26	5,542.49
Allowance for doubtful debts (expected credit loss allowance)	(5,666.26)	(5,542.49)
<b>Total</b>	<b>391,349.91</b>	<b>339,146.84</b>

**8.1 Trade Receivables**

The average credit period allowed to customers is between 30 days to 60 days. The credit period is considered from the date of Invoice. Further, a specified amount of bill is held back by the customer as retention money, which is payable as per the credit period, from the date such retention becomes due. The retention monies held by customers become payable on completion of a specified milestone or after the Defect Liability Period of the project, which is normally 1 year after the completion of the project, as per terms of respective contract. No Interest is payable by the customers for the delay in payments of the amounts over due.

Company evaluates, the financial health, market reputation, credit rating of the customer, before entering into the contract. Company's customers comprise of public sector undertakings as well as private entities.

**8.2 Expected credit loss allowance on receivables**

The company computes the Expected Credit Loss Allowance ("ECLA") by applying the percentages determined on historical basis over past 4 years, for each Business Unit and determined the percentage of such allowance over the turnover of each Business Unit and moderated for current and envisaged future businesses. Expected Credit Loss Allowance is determined on the closing balances of all applicable financial assets as at each reporting date, at the average rates ranging from 0.25% to 1.50%.

**8.3 Movement in the expected credit loss allowance**

Particulars	For the year ended 31-Mar-18	For the year ended 31-Mar-17
Balance at the beginning of the year	6,025.91	7236.69
Movement in expected credit loss allowance on trade receivables	407.96	(1,057.34)
	<b>6,433.87</b>	<b>6,179.35</b>
Less: Movement in expected credit loss related to unbilled revenue and contractual reimbursable expenses (Refer Note 9)	460.96	153.44
<b>Balance at the end of the year</b>	<b>5,972.91</b>	<b>6,025.91</b>

The concentration of credit risk is low due to the fact that the customer base is large and unrelated.

## Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 9. Other financial assets

Particulars	As at 31-Mar-18	As at 31-Mar-17
<b>Non-current</b>		
Security deposits		
Unsecured, considered good	1,968.47	1,870.00
Doubtful	318.08	318.08
Provision for doubtful deposits	(318.08)	(318.08)
	<b>1,968.47</b>	<b>1,870.00</b>
Loans and advances to employees	21.19	6.24
Advance towards share application money	-	44.40
In deposit accounts with banks remaining maturity for more than 12 months	4,447.80	25.00
Others - Construction revenue receivable	7,057.43	-
Less: Allowance for expected credit loss	(35.29)	-
<b>Total</b>	<b>13,459.60</b>	<b>1,945.64</b>
<b>Current</b>		
Security deposits	2,887.71	2,383.60
Unbilled revenue	1,27,241.06	44,136.00
Less: Allowance for expected credit loss	(574.33)	(139.44)
	<b>1,26,666.73</b>	<b>43,996.56</b>
Inter corporate deposits	-	707.20
Contractual reimbursable expenses	2,913.43	1,794.81
Less: Allowance for expected credit loss	(305.39)	(14.00)
	<b>2,608.04</b>	<b>1,780.81</b>
Others - Construction revenue receivables	59.84	-
Less : Allowance for expected loss	(0.30)	-
	59.54	-
Insurance and other claims receivable		
Unsecured, considered good	65.97	41.62
Doubtful	73.25	73.25
	139.22	114.87
Less: Provision for doubtful claims	(73.25)	(73.25)
	<b>65.97</b>	<b>41.62</b>
Interest accruals		
(i) Interest accrued on deposits	296.08	59.39
(ii) Interest accrued on mobilisation advance given	192.10	60.49
	488.18	119.88
Others	55.96	7.32
<b>Total</b>	<b>1,32,832.13</b>	<b>49,036.99</b>

**Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018**

All amounts are in ₹ Lakhs unless otherwise stated

**10. Deferred tax assets (net)**

Particulars	As at 31-Mar-18	As at 31-Mar-17
Deferred tax assets	12,369.04	9,732.70
Deferred tax liabilities	(1,993.03)	(39.39)
<b>Total</b>	<b>10,376.01</b>	<b>9,693.31</b>

2017-18	Opening balance	Recognised in statement of profit or loss	Adjust- ments	Recognised in Other comprehensive income	Closing balance
<b>Deferred tax (liabilities) / assets in relation to</b>					
Property, plant and equipment	3,624.61	1,107.77	-	-	4,732.38
Provisions for retirement benefits	1,278.32	200.37	-	9.23	1,487.92
Allowance for doubtful debts	2,630.26	(10.22)	-	-	2,620.04
Disallowance under section 43B	356.05	63.67	-	-	419.72
Carry forward losses and depreciation	1,647.89	1,461.09	-	-	3,108.98
Others	188.07	(194.94)	-	-	(6.87)
FVTPL financial assets	7.50	(1,908.58)	-	-	(1,901.08)
Deferred tax expense on undistributed profits of Subsidiaries	(39.39)	(45.69)	-	-	(85.08)
Foreign Currency Translation Reserve on deferred tax on foreign subsidiaries	-	(4.96)	4.96	-	-
	<b>9,693.31</b>	<b>668.51</b>	<b>4.96</b>	<b>9.23</b>	<b>10,376.01</b>

2016-17	Opening balance	Recognised in statement of profit or loss	Adjust- ments	Recognised in Other comprehensive income	Closing balance
<b>Deferred tax (liabilities) / assets in relation to</b>					
Property, plant and equipment	2,403.73	1,220.88	-	-	3,624.61
Provisions for retirement benefits	1,024.34	42.00	-	211.98	1,278.32
Allowance for doubtful debts	2,643.00	(12.74)	-	-	2,630.26
Disallowance under section 43B	270.11	85.94	-	-	356.05
Carry forward losses and depreciation	-	1,647.89	-	-	1,647.89
Others	207.90	(19.83)	-	-	188.07
FVTPL financial assets	6.14	1.36	-	-	7.50
Deferred tax expense on undistributed profits of Subsidiaries	-	(39.39)	-	-	(39.39)
Foreign Currency Translation Reserve on deferred tax on foreign subsidiaries	-	(14.77)	14.77	-	-
	<b>6,555.22</b>	<b>2,911.34</b>	<b>14.77</b>	<b>211.98</b>	<b>9,693.31</b>

**Note:**

- The deferred tax asset (net) includes Company's share of net deferred tax asset in joint ventures and subsidiaries amounting to ₹ 3,059.08 (March 31, 2017: ₹ 2,989.39).

## Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 11. Non-current tax assets (net) and current tax liabilities (net)

Particulars	As at 31-Mar-18	As at 31-Mar-17
Non-current tax assets (net) (Refer Note 1 below)	10,810.94	7,881.70
<b>Total</b>	<b>10,810.94</b>	<b>7,881.70</b>
Current tax liabilities (net) (Refer Note 2 below)	1,805.59	103.62
<b>Total</b>	<b>1,805.59</b>	<b>103.62</b>

Notes:

- Represents Company's net current tax position and also includes net current tax position of certain subsidiaries and jointly controlled operations.
- Represents Company's share of net current tax position of certain subsidiaries and jointly controlled operations.

### 12. Other assets

Particulars	As at 31-Mar-18	As at 31-Mar-17
<b>Non-current</b>		
Capital advances	568.48	1,186.37
Others		
- Deposits with government authorities (Refer notes 12.1 & 12.2)	5,213.73	5,801.19
- Prepaid expenses	458.01	509.54
<b>Total</b>	<b>6,240.22</b>	<b>7,497.10</b>
<b>Current</b>		
Mobilisation advances	30,166.65	24,949.84
Others		
- Balances with government authorities		
CENVAT credit receivable	174.45	139.26
VAT credit receivable	4,858.04	3,400.13
Sales tax deducted at source	16,502.36	15,913.03
Service tax credit receivable	1,782.93	58.27
GST Credit receivable	7,055.64	-
GST Refund receivable	256.68	-
- Loans and advances to employees	89.98	63.96
- Prepaid expenses	1,357.18	1,324.45
- Project related advances		
Unsecured, considered good	46,033.87	34,313.38
Doubtful	503.43	590.47
	46,537.30	34,903.85
Less: Provision for doubtful advances	(503.43)	(590.47)
	46,033.87	34,313.38
- others	10.03	7.36
<b>Total</b>	<b>1,08,287.81</b>	<b>80,169.68</b>

Note:

- It includes amount of ₹ 4,029.92 (March 31, 2017: ₹ 4,269.84) paid under protest towards Service tax and Sales Tax.
- It includes ₹ 610.00 (March 31, 2017: ₹ 610.00) on account of taxes deducted at source on inter state supplies under applicable Value Added Tax Acts. The Company has contested the deduction in the applicable judicial forum and is confident of a favourable outcome in the matter.

**Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018**

All amounts are in ₹ Lakhs unless otherwise stated

**13. Inventories**

Particulars	As at 31-Mar-18	As at 31-Mar-17
<b>Inventories (lower of cost and realisable value)</b>		
Raw materials	2,390.13	2,539.01
Work-in-progress	591.03	619.25
Finished goods	12.61	12.31
Stores and spares	21.29	17.93
Contracts-in-progress (refer note 13.2)	248,392.99	157,165.89
<b>Total</b>	<b>251,408.05</b>	<b>160,354.39</b>

13.1 The Mode of valuation of inventories has been stated in Note .3.13

13.2 Contracts-in-progress disclosed above as at March 31,2018 includes costs aggregating to ₹.1,90,848.22 incurred on completed / ongoing contracts claimable and billable from the customers including costs on account of delays / changes in scope / design by them etc. which are at various stages of discussions / negotiations or under arbitrations.

**14. Cash and cash equivalents**

Particulars	As at 31-Mar-18	As at 31-Mar-17
<b>Cash and cash equivalents</b>		
Balances with Banks		
- In current accounts	26,075.88	14,603.04
- In EEFC accounts	2,834.47	3,140.28
Cash on hand	60.29	50.17
Others - demand deposits / fixed deposits	27,142.22	15,625.24
<b>Cash and cash equivalents as per balance sheet</b>	<b>56,112.86</b>	<b>33,418.73</b>
<b>Other bank balances</b>		
Deposit with maturity of more than 3 months and less than 12 months	28,074.11	4,215.59
<b>Total of other bank balances</b>	<b>28,074.11</b>	<b>4,215.59</b>
Bank Overdrafts (Refer note below)	(12,603.67)	(17,718.59)
<b>Cash and cash equivalents as per consolidated statement of cash flows</b>	<b>43,509.19</b>	<b>15,700.14</b>

Note:

Bank overdrafts have been netted off from "cash and cash equivalents as per Balance Sheet" only to show the reconciliation of "cash and cash equivalents as per the statement of cash flows". Bank overdrafts represents secured overdraft of ₹ 5,687.53 and unsecured overdraft of ₹ 6,916.14 respectively (March 31, 2017: secured overdraft of ₹ 17,718.59).



## Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 15. Equity Share Capital

Particulars	As at 31-Mar-18	As at 31-Mar-17
<b>Authorised share capital</b>		
Equity shares of ₹ 100 each with voting rights	2,500.00	2,500.00
<b>Issued, subscribed and paid-up</b>		
Equity shares of ₹ 100 each with voting rights	2,025.00	2,025.00
	<b>2,025.00</b>	<b>2,025.00</b>

#### Notes:

#### (i) Reconciliation of the number of shares and amount outstanding at the beginning and at the end of the year

##### Equity shares with voting rights

Particulars	Number of shares in '000s
Balance as at March 31, 2017	2,025
Changes during the year	-
Balance as at March 31, 2018	<b>2,025</b>

#### (ii) Rights, preferences and restrictions attached to the equity shares

The Company has only one class of equity shares having a par value of ₹ 100 each per share. Each holder of equity shares is entitled to one vote per share. The dividend proposed by the Board of Directors is subject to the approval of the shareholders in the ensuing Annual General Meeting. In the event of liquidation of the Company, the holders of equity shares will be entitled to receive remaining assets of the Company, after distribution of all preferential amounts. The distribution will be in proportion to the number of equity shares held by the shareholders.

#### (iii) Shareholders holding more than 5% of the equity shares

Particulars	As at 31-Mar-18		As at 31-Mar-17	
	Number of shares	%	Number of shares	%
The Tata Power Company Limited	967,500	47.78	967,500	47.78
Omega TC Holdings Pte Limited	488,440	24.12	488,440	24.12
Tata Chemicals Limited	193,500	9.56	193,500	9.56
Tata Sons Limited	135,000	6.67	135,000	6.67
Voltas Limited	135,000	6.67	135,000	6.67

(iv) There are no shares reserved for issue under options.

(v) There are no shares issued allotted as fully-paidup pursuant to contracts without payment being received in cash during five years immediately preceding March 31, 2018.

**Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018**

All amounts are in ₹ Lakhs unless otherwise stated

**16. Other equity**

Particulars	As at 31-Mar-18	As at 31-Mar-17
General reserve	29,042.70	29,042.70
Securities premium reserve	4,987.50	4,987.50
Foreign currency translation reserve	(154.73)	(199.48)
Retained earnings	79,624.33	62,734.14
Capital reserve on consolidation	75.06	65.92
Legal reserve	7.49	3.95
<b>Total</b>	<b>113,582.35</b>	<b>96,634.73</b>

**16.1 General reserve**

Particulars	Year ended 31-Mar-18	Year ended 31-Mar-17
Balance at the beginning of the year	29,042.70	19,749.20
Movements during the year	-	9,293.50
<b>Balance at the end of the year</b>	<b>29,042.70</b>	<b>29,042.70</b>

The general reserve is used from time to time to transfer profits from retained earnings for appropriation purposes. As the general reserve is created by a transfer from one component of equity to another and is not an item of other comprehensive income, items included in the general reserve will not be reclassified subsequently to profit or loss.

**16.2 Securities premium reserve**

Particulars	Year ended 31-Mar-18	Year ended 31-Mar-17
Balance at the beginning of the year	4,987.50	4,987.50
Movements during the year	-	-
<b>Balance at the end of the year</b>	<b>4,987.50</b>	<b>4,987.50</b>

**16.3 Foreign currency translation reserve**

Particulars	Year ended 31-Mar-18	Year ended 31-Mar-17
Balance at the beginning of the year	(199.48)	(168.34)
Exchange differences arising on translating the foreign operations	44.75	(31.14)
<b>Balance at the end of the year</b>	<b>(154.73)</b>	<b>(199.48)</b>

Exchange differences relating to the translation of the results and net assets of the group's foreign operations from their functional currencies to the group's presentation currency (i.e. ₹) are recognised directly in other comprehensive income and accumulated in the foreign currency translation reserve. Gains and losses on derivatives that are designated as hedging instruments for hedges of net investments in foreign operations are included in foreign currency translation reserve. Exchange differences previously accumulated in the foreign currency translation reserve (in respect of translating both the net assets of foreign operations and hedges of foreign operations) are reclassified to profit or loss on the disposal of the foreign operation.

## Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 16.4 Retained earnings

Particulars	Year ended 31-Mar-18	Year ended 31-Mar-17
Balance at the beginning of the year	62,734.14	60,814.28
Profit attributable to owners of the Company	18,728.31	12,835.58
Other comprehensive income arising from remeasurement of defined benefit obligation net of income tax	(17.06)	(399.65)
Payment of dividends on equity shares #	(1,518.75)	(1,012.50)
Tax on dividend	(303.89)	(206.12)
Transferred from non controlling interest on account of additional acquisition of shares	5.12	-
Transfer to general reserve	-	(9,293.50)
Transfer to legal reserve	(3.54)	(3.95)
<b>Balance at the end of the year</b>	<b>79,624.33</b>	<b>62,734.14</b>

# On June 23, 2017, a dividend of ₹ 75 per share (total dividend of ₹ 1,518.75 lakhs) was provided to holders of fully paid equity shares. On June 28, 2016, a dividend of ₹ 50 per share (total dividend of ₹ 1,012.50 lakhs) was provided to holders of fully paid equity shares.

### 16.5 Capital Reserve

Particulars	Year ended 31-Mar-18	Year ended 31-Mar-17
Balance at the beginning of the year	65.92	61.42
Movement during the year	9.14	4.50
<b>Balance at the end of the year</b>	<b>75.06</b>	<b>65.92</b>

### 16.6 Legal Reserve

Particulars	Year ended 31-Mar-18	Year ended 31-Mar-17
Balance at the beginning of the year	3.95	-
Movement during the year	3.54	3.95
<b>Balance at the end of the year</b>	<b>7.49</b>	<b>3.95</b>

Legal reserve is created by Industrial Quality Services LLC (Subsidiary) appropriating 10% of the net profit for the year as required by Article 154 of the Commercial Companies Law of Oman 1974. The company may resolve to discontinue such annual transfers when the reserve totals 33.33% of the paidup share capital. The reserve is not available for distribution.

**Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018**

All amounts are in ₹ Lakhs unless otherwise stated

**17. Non-Controlling interests**

Particulars	As at 31-Mar-18	As at 31-Mar-17
Balance at the beginning of the year	961.57	262.18
Share of profit for the year	(31.49)	711.78
Derecognition of non controlling interest on further acquisition of equity in subsidiaries**	(10.12)	-
Dividend paid during the year	-	(10.41)
Effect of exchange fluctuation in opening Minority interest	12.53	(3.52)
Effect of exchange fluctuation in profit for the year	(8.48)	1.54
<b>Balance at the end of the year</b>	<b>924.01</b>	<b>961.57</b>

Name of subsidiary	Place of incorporation and principal place of business	Proportion of ownership rights and voting rights held by non-controlling interests		Profit / (Loss) allocated to non-controlling interests		Accumulated non-controlling interests	
		As at 31-Mar-18	As at 31-Mar-17	As at 31-Mar-18	As at 31-Mar-17	As at 31-Mar-17	As at 31-Mar-17
Artson Engineering Limited	India	25%	25%	33.49	679.49	759.58	726.09
TQ Services (Mauritius) Pty. Ltd. (Formerly TPL-TQA Quality Services (Mauritius) Pty Ltd)	Mauritius*	-	30%	-	(26.74)	-	10.12
TPL-TQA Quality Services South Africa (Pty) Limited	South Africa	40%	40%	(79.94)	41.62	7.87	84.77
Industrial Quality services LLC	Oman	30%	30%	14.96	17.41	156.56	140.59
<b>Total</b>				<b>(31.49)</b>	<b>711.78</b>	<b>924.01</b>	<b>961.57</b>

\* The Company acquired additional 30% of share during the current period

\*\* It includes post acquisition profits of ₹ 5.12 lakhs and capital of ₹5.00 lakhs

## Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 18. Non-current borrowings

Particulars	As at 31-Mar-18	As at 31-Mar-17
<b>Unsecured - at amortised cost</b>		
Term Loans		
From banks (Refer note 1)	35.10	13.88
Less: Current maturities of borrowings disclosed under Note 22 (a) - Other financial liabilities	(7.16)	(5.52)
	<b>27.94</b>	<b>8.36</b>
<b>Secured - at amortised cost</b>		
Term Loans		
From banks (Refer notes 2.(i) & 2.(ii))	8,395.00	2,772.17
From others	8.04	8.04
Less: Current maturities of borrowings disclosed under Note 22 (a) - Other financial liabilities	(8.04)	(8.04)
	<b>8,395.00</b>	<b>2772.17</b>
	<b>8,422.94</b>	<b>2,780.53</b>

Note:

1. Term loan from banks are repayable in equal periodic instalments for a 10 year period from the date of availment of respective loan and carry an interest of 12% p.a.
- 2.(i) Term loan of Artson Engineering Limited amounting to ₹ 1,500.00 (31st March 2017 ₹ 1,500.00) taken from a bank is secured by first pari passu charge on fixed and current assets of the Company, both present and future. The loan is repayable in single instalment at the end of 3 years from the date of first disbursement of the facility and carries an interest rate of 9% per annum. Additionally, the term loan from bank is guaranteed unconditionally with irrevocable corporate guarantee by the Parent Company.
- 2.(ii) Ujjwal Pune Limited has availed a long term loan from Kotak Mahindra Bank amounting to ₹ 6,895.00 (31st March 2017 ₹ 1,270) out of total sanction limit of ₹ 7,750. The weighted average interest cost is 8.90% p.a and it is secured by 1) First and exclusive hypothecation charge on all existing and future receivables including payment reserve account which is opened with the bank. 2) Corporate guarantee from the Parent Company.

**Repayment schedule of total loan sanction amount (Ujjwal Pune Limited)-** Quarterly Repayment shall begin from 90th day from end of moratorium period of 2 years

Year	Loan Repay
FY 19-20	950.00
FY 20-21	700.00
FY 21-22	900.00
FY 22-23	900.00
FY 23-24	1,075.00
FY 24-25	1,075.00
FY 25-26	1,075.00
FY 26-27	1,075.00

**Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018**

All amounts are in ₹ Lakhs unless otherwise stated

**19. Provisions**

Particulars	As at 31-Mar-18	As at 31-Mar-17
<b>Employee benefits</b>		
<b>Non-current</b>		
Compensated absences	2,869.33	2,616.70
Gratuity	21.65	82.18
Post retirement medical benefits	62.75	45.25
Pension	479.92	333.43
<b>Sub-Total</b>	<b>3,433.65</b>	<b>3,077.56</b>
<b>Current</b>		
Compensated absences	692.49	532.03
Gratuity	4.41	4.56
Post retirement medical benefits	5.00	5.00
Pension	47.76	44.08
<b>Sub-Total</b>	<b>749.66</b>	<b>585.67</b>
<b>Total</b>	<b>4,183.31</b>	<b>3,663.23</b>

**20. Current borrowings**

Particulars	As at 31-Mar-18	As at 31-Mar-17
<b>Unsecured - at amortised cost</b>		
a) Loans repayable on demand		
from banks		
- Overdraft facilities	6,916.14	-
- Working capital demand loans	72,896.08	-
- Commercial advance	8,440.30	-
from others		
- Commercial paper	10,000.00	15,000.00
b) Loans from other parties	596.25	-
<b>Secured - at amortised cost</b>		
a) Loans repayable on demand		
from banks		
- Overdraft facilities	5,687.53	17,718.59
- Working capital demand loans	28,000.00	15,000.00
- Commercial advance	19,500.00	20,700.00
<b>Total</b>	<b>152,036.30</b>	<b>68,418.59</b>

**Notes :**

- (l) Overdraft facilities and Working capital demand loan are secured by:
- (a) a first charge on the book debts, inventories and other current assets ranking pari-passu.
  - (b) an exclusive charge on the entire receivables, property plant and equipment and current assets relating to the project being undertaken at Abu Dhabi, Kenya, Ethiopia and Ivory Coast
  - (c) Working capital loan of Artson Engineering Limited amounting to ₹ 863.86 (31st March 2017 ₹ 323.10) taken from bank carry interest rate of 9% per annum. Additionally, the loan is guaranteed unconditionally with irrevocable corporate guarantee from the Parent Company.

## Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

- (II) Working capital demand loan of ₹ 12,000 (March 31, 2017 ₹ 15,000) taken by a Joint venture is secured by corporate guarantee given by the Company.
- (III) Overdraft/Cash Credit (OD/CC) with interest rates linked to Base rate/MCLR were availed in 2017-18. The current weighted average effective interest rate on overdrafts is 8.59% p.a.(as at March 31,2017:9.46% p.a.).The Company utilises OD/CC from both Consortium and Non-Consortium banks. OD/CC utilisation from Consortium banks is secured by hypothecation of company's stocks and receivables.
- (IV) Commercial Paper with variable interest rate were issued during 2017-18. The current weighted average effective interest rate on Commercial Paper is 6.58% p.a.(as at March 31,2017:6.86% p.a.)
- (V) Fixed rate loans in the form of Working Capital Demand Loans (WCDL), for a tenor not exceeding 90 days for TPL and 180 days for Tata Aldesa JV, raised during 2017-18. The weighted average effective interest rate is 7.91% p.a.(as at March 31,2017:8.90% p.a.).The Company utilises WCDL from both Consortium and Non-Consortium banks. WCDL utilisation from Consortium banks is secured by hypothecation of company's stocks and receivables.
- (VI) Commercial advance of ₹ 19,500 (March 31, 2017 ₹ 20,700) taken by a Joint venture is secured by corporate guarantee given by the Company.
- (VII) Fixed rate loan in the form of commercial advance (Packing Credit) raised during 2017-18. The weighted average effective interest rate is 7.19% p.a.(as at March 31,2017:9.42% p.a.)
- (VIII) Fixed rate loan in the form of Inter Corporate Deposit is raised during 2017-18. The weighted average effective interest rate is 9.00% p.a.
- (IX) Bills of Exchange of ₹ 2,840.30 lakhs raised during 2017-18. The weighted average effective interest rate is 8.30% p.a.

### Breach of loan agreement

During the year, the interest and principal amounts, were remitted to lenders, on or before due date and there were no delays in this regard.

### Net Debt reconciliation

This section sets out the changes in liabilities arising from financing activities in the statement of cash flows:

Particulars	As at 31-Mar-18
Opening balance as at April 1, 2017 (Current and Non-Current borrowings):	53,796.53
Add: Cash flows (Net)	94376.68
Add: Interest expense	11,205.52
Less: Interest paid	(11,429.16)
<b>Closing balance</b>	<b>147,949.57</b>

Note:

Bank overdraft balances are not included above as it is considered as cash and cash equivalents.

**Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018**

All amounts are in ₹ Lakhs unless otherwise stated

**21. Trade payables**

Particulars	As at 31-Mar-18	As at 31-Mar-17
<b>Current</b>		
Acceptances	15,048.05	21,335.60
Trade payables	3,57,383.14	2,44,983.03
<b>Total</b>	<b>3,72,431.19</b>	<b>2,66,318.63</b>

The average credit period ranges from 30 days to 90 days, depending on the nature of the item or work. The work orders include element of retention, which would be payable on completion of a milestone, completion of the contract or after a specified period from completion of the work. The terms also would include back to back arrangement wherein, certain amounts are payable on realisation of corresponding amounts by the company from the customer. No interest is payable for delay in payments, unless otherwise specifically agreed in the order or as required by a legislation, like Micro, Small and Medium Enterprises Development Act ("MSMED Act"). The company has a well defined process for ensuring regular payments to the vendors.

**Note:**

Disclosure under Section 22 of the Micro, Small and Medium Enterprises Development Act, 2006 #

Particulars	As at 31-Mar-18	As at 31-Mar-17
<b>Current</b>		
(a) Principal amount remaining unpaid to any supplier as at the end of the accounting year	7,282.36	2,553.72
(b) Interest due thereon remaining unpaid to any supplier as at the end of the accounting year	76.91	53.24
(c) The amount of interest paid along with the amounts of the payment made to the supplier beyond the appointed day	-	-
(d) The amount of interest due and payable for the period of delay in making payment (which have been paid but beyond the appointed day during the year) but without adding the interest specified under the MSMED Act	-	0.34
(e) The amount of interest accrued and remaining unpaid at the end of the accounting year	391.37	314.46
(f) The amount of further interest due and payable even in the succeeding year, until such date when the interest dues as above are actually paid to the small enterprise, for the purpose of disallowance as a deductible expenditure under section 23	391.37	314.46
# amounts unpaid to micro and small enterprises on account of retention money has not been considered for the purpose of interest calculations.	-	-

Dues to Micro and Small Enterprises have been determined to the extent such parties have been identified on the basis of information collected by the Management. This has been relied upon by the auditors.



## Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 22. Other financial liabilities

Particulars	As at 31-Mar-18	As at 31-Mar-17
<b>Current</b>		
a) Current maturities of long-term debt	15.20	13.56
b) Interest accrued but not due on borrowings	78.80	302.44
c) Interest accrued on trade payables and mobilisation advance received	3,080.83	1,770.29
d) Payables on purchase of property plant and equipment	2,627.17	674.42
e) Payables to joint venture partners	43.58	52.79
f) Employee benefits payable	11,780.96	8,060.19
g) Others	188.44	163.80
<b>Total</b>	<b>17,814.98</b>	<b>11,037.49</b>

### 23. Other current liabilities

Particulars	As at 31-Mar-18	As at 31-Mar-17
(a) Revenue received in advance	-	91.29
(b) Advances from customers including mobilisation advances	269,873.91	211,846.93
(c) Other payables		
- Statutory remittances	3,211.31	3,643.73
- Security deposits received	163.90	441.69
- Others	240.28	319.00
(d) Provision for Contractual Expenses	121,976.02	72,199.64
<b>Total</b>	<b>395,465.42</b>	<b>288,542.28</b>

## Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 24. Revenue from Operations

Particulars	For the year ended 31-Mar-2018	For the year ended 31-Mar-2017
(a) Income from contracts (refer note (i) below)	898,351.66	609,116.56
(b) Income from services (refer note (ii) below)	20,540.33	15,887.30
(c) Income from sale of goods (refer note (iii) below)	2,625.53	1,195.73
(d) Other operating revenues (refer note (iv) below)	803.02	803.54
<b>Total</b>	<b>922,320.54</b>	<b>627,003.13</b>

<b>Notes:</b>		
(i) Income from contracts comprises :		
- Supply of contract equipment and materials	257,589.17	237,923.31
- Civil and erection works	639,884.22	371,193.25
- Technical Fee	878.27	-
<b>Total</b>	<b>898,351.66</b>	<b>609,116.56</b>
(ii) Income from services comprises :		
- Quality inspection services	20,540.33	15,887.30
<b>Total</b>	<b>20,540.33</b>	<b>15,887.30</b>
(iii) Income from sale of goods comprises :		
- Sale of BWRO units	2,625.53	1,195.73
<b>Total</b>	<b>2,625.53</b>	<b>1,195.73</b>
(iv) Other operating revenues comprises :		
- Sale of scrap	766.89	643.95
- Duty drawback	36.13	159.59
<b>Total</b>	<b>803.02</b>	<b>803.54</b>

## Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 25. Other Income

Particulars	For the year ended 31-Mar-2018	For the year ended 31-Mar-2017
<b>a) Interest Income</b>		
Bank deposits	1,819.01	577.69
Interest on Inter corporate deposits	28.91	4.50
Other financial assets carried at amortised cost	755.91	70.62
<b>Total</b>	<b>2,603.83</b>	<b>652.81</b>
<b>b) Other non-operating income (net of expenses directly attributable to such income)</b>		
Interest on mobilisation advances given	89.21	69.91
Hire charges	4.17	141.42
Liabilities/provisions no longer required written back	634.10	714.64
Interest on Income tax refund	223.44	31.56
Miscellaneous Income	748.40	164.62
<b>Total</b>	<b>1,699.32</b>	<b>1,122.15</b>
<b>c) Other gains and losses</b>		
Gain on disposal of property, plant & equipment	373.91	-
Net foreign exchange gains	581.71	741.47
	955.62	741.47
<b>Total</b>	<b>5,258.77</b>	<b>2,516.43</b>

### 26. Contract execution expenses

Particulars	For the year ended 31-Mar-2018	For the year ended 31-Mar-2017
(a) Cost of supplies/erection and civil works *	8,00,478.22	5,35,651.23
(b) Technical and engineering fees	14,724.93	4,695.60
(c) Insurance premium	3,603.90	3,402.58
(d) Bank guarantee and letter of credit charges	4,004.41	3,450.23
<b>Total</b>	<b>8,22,811.46</b>	<b>5,47,199.64</b>

\* includes increase / (decrease) in excise duty of ₹ Nil [previous year: ₹ 35.04 lakhs] on finished goods

### 27. Changes in inventories of finished goods, work-in-process and contracts-in-progress

Particulars	For the year ended 31-Mar-2018	For the year ended 31-Mar-2017
<b>Inventories at the end of the year</b>		
Finished goods	12.61	12.31
Work-in-process	591.03	619.25
Contracts-in-progress	248,392.99	157,165.89
	<b>248,996.63</b>	<b>157,797.45</b>
<b>Inventories at the beginning of the year</b>		
Finished goods	12.31	13.25
Work-in-process	619.25	1,426.39
Contracts-in-progress	157,165.89	85,385.76
	157,797.45	86,825.40
Net (increase)/decrease	<b>(91,199.18)</b>	<b>(70,972.05)</b>

**Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018**

All amounts are in ₹ Lakhs unless otherwise stated

**28. Employee benefit expense**

Particulars	For the year ended 31-Mar-2018	For the year ended 31-Mar-2017
(a) Salaries and wages	54,606.14	42,632.64
(b) Contribution to provident and other funds (refer note no.33.8)	3,455.33	2,757.47
(c) Staff Welfare expenses	2,608.08	1,715.47
<b>Total</b>	<b>60,669.55</b>	<b>47,105.58</b>

**29. Finance costs**

Particulars	For the year ended 31-Mar-2018	For the year ended 31-Mar-2017
<b>Interest expense on</b>		
(i) Interest on bank overdrafts and loans (other than those from related parties)	11,342.99	8,500.99
(ii) Mobilisation advance received	6,660.90	4,986.78
(iii) Delayed payment of income tax	11.07	61.97
(iv) Others	754.52	1,318.47
Other borrowing costs	5.67	273.46
<b>Total</b>	<b>18,775.15</b>	<b>15,141.67</b>

**30. Depreciation and amortisation expense**

Particulars	For the year ended 31-Mar-2018	For the year ended 31-Mar-2017
(i) Depreciation of property, plant and equipment	11,494.52	10,141.75
(ii) Amortisation of intangible assets	685.81	943.47
<b>Total</b>	<b>12,180.33</b>	<b>11,085.22</b>

## Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 31. Other expenses

Particulars	For the year ended 31-Mar-18	For the year ended 31-Mar-17
Consumption of stores and spare parts	-	0.78
Rent Expense	7,634.43	5,552.92
Repairs and Maintenance		
- Building	1.91	24.77
- Machinery	303.06	403.74
- Others	1,290.77	825.55
Power and Fuel	1,886.52	1,593.68
Rates and Taxes	2,007.96	2,740.16
Insurance	551.60	115.79
Motor vehicle expenses	5,237.39	4,645.72
Traveling and conveyance	5,185.96	4,383.74
Legal and professional	11,787.05	8,440.42
Payment to auditors	124.82	54.60
Communication expenses	1,231.46	1,116.64
Printing and stationery	598.96	578.65
Staff recruitment and training expenses	481.35	154.54
Business development expenditure	996.70	498.79
Bank charges	411.57	322.53
Freight and handling charges	377.79	169.27
Provision for impairment in value of investments	-	50.00
Bad debts	428.37	2,444.12
Provision for doubtful trade receivables	2,552.40	1,866.80
Provision for doubtful trade receivables reversed	(2,144.44)	(2,924.14)
Advances written off	6.56	172.59
Provision for doubtful loans and advances reversed	(87.05)	(179.38)
Brand equity contribution	1,505.69	1,025.73
Loss on sale of property, plant and equipment	-	10.86
Foreign exchange loss	14.76	110.99
Share of Profit to Joint Venture	-	298.16
Miscellaneous expenses	3,300.44	1,821.00
<b>Total</b>	<b>45,686.03</b>	<b>36,319.02</b>
<b>Note:</b>		
<b>Payment to auditors comprises</b>		
(a) To statutory auditors		
Audit fees (includes ₹ 44.80 relating to Subsidiaries and Jointly controlled operations)	66.80	25.00
Tax audit fees (includes ₹ 5.00 relating to Subsidiaries and Jointly controlled operations)	7.00	2.00
Limited review fees	5.00	6.00
Other services	43.00	19.75
Reimbursement of expenses	2.00	-
(b) To Cost auditor for cost audit	1.02	1.85
<b>Total</b>	<b>124.82</b>	<b>54.60</b>

**Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018**

All amounts are in ₹ Lakhs unless otherwise stated

**32. Tax expense**
**32.1 Income taxes recognised in profit and loss**

Particulars	For the Year ended 31-Mar-18	For the Year ended 31-Mar-17
<b>Current tax</b>		
In respect of the current year	11,711.28	8,030.61
In respect of the previous years	-	15.80
	<b>11,711.28</b>	<b>8,046.41</b>
<b>Deferred tax</b>		
In respect of the current year	(668.51)	(2,911.34)
	<b>(668.51)</b>	<b>(2,911.34)</b>
Total income tax expense recognised in the current year relating to continuing operations	<b>11,042.77</b>	<b>5,135.07</b>

The income tax expense for the year can be reconciled to the accounting profit as follows:

Particulars	For the Year ended 31-Mar-18	For the Year ended 31-Mar-17
Profit before tax from continuing operations	29,738.80	18,682.27
Income tax expense calculated*	10,292.00	6,662.92
Effect of expenses that are not deductible in determining taxable profit	195.84	914.21
Effect of different tax rates in income	320.59	133.86
Effect of different tax rates of subsidiaries operating in other jurisdictions	161.85	(250.18)
Effect of deferred tax on carryforward business loss in a subsidiary	-	(2,164.76)
Effect of deferred tax on undistributed profits in subsidiaries	79.98	39.39
Effect of expenses for which no deferred Income Tax was recognised	(7.49)	(212.75)
Others	-	-
	11,042.77	5,123.33
Adjustments recognised in the current year in relation to the current tax of previous years	-	11.74
Income tax expense recognised in profit or loss (relating to continuing operations)	<b>11,042.77</b>	<b>5,135.07</b>

\* The tax rate used for the years 2017-2018 and 2016-2017 reconciliations above is the corporate tax rate of 34.608% (including surcharge and education cess) payable by corporate entities in India on taxable profits under the Indian tax law.

## Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 32.2 Income tax recognised in other comprehensive income

Particulars	For the Year ended 31-Mar-18	For the Year ended 31-Mar-17
<b>Deferred tax</b>		
Remeasurements of defined benefit obligation	9.23	211.98
<b>Total income tax recognised in other comprehensive income</b>	<b>9.23</b>	<b>211.98</b>

### 33 Additional information to the financial statements

#### 33.1 Contingent liabilities and commitments (to the extent not provided for)

Particulars	As at 31-Mar-18	As at 31-Mar-17
<b>(i) Contingent liabilities:</b>		
(a) Claim against the Company not acknowledged as debt Matters under dispute:		
Sales tax / VAT	4,639.65	5,143.84
Service tax *	55,902.74	57,645.16
Income tax	4,295.61	74.62
Third party claims from disputes relating to contracts	6,765.40	3,099.35
* Excludes interest and penalty levied on the disputed demand which will be settled in case such demand is required to be paid by the Company.		
Future cash outflows in respect of the matters in (a) above are determinable only on receipt of judgements/decisions pending at various forums/authorities.		
(b) Guarantees		
Performance and other bank guarantees issued by banks on behalf of the Company	8,85,603.70	7,36,103.90
<b>(ii) Commitments</b>		
Estimated amount of contracts remaining to be executed on capital account and not provided for [net of advance ₹ 568.48 (March 31, 2017: ₹ 1,186.37)]	4,585.58	8,048.97

#### 33.2 Disclosures required to be made under Ind AS -11 Construction Contracts

Particulars	Year ended 31-Mar-2018	Year ended 31-Mar-2017
Contract revenue recognised during the year	8,92,418.13	6,10,329.28
Aggregate of contract costs incurred and recognised profits (less recognised losses) upto the reporting date	38,34,591.29	31,00,408.21
Advances received for contracts-in-progress	2,69,091.46	2,12,274.48
Retention money for contracts-in-progress	1,97,375.35	1,55,776.35
Gross amount due from customers for contract work	3,73,584.67	1,98,552.22

## Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

**33.3** In line with accepted practice in construction business, certain revision to costs and billing of previous years which have crystallised during the year have been dealt with in the period. The Statement of Profit and Loss for the period includes charge (net) aggregating ₹ 4,964.80 [March 31, 2017 : ₹ 11,383.64 - charge (net)] on account of changes in estimates.

### 33.4 Segment Information

The Group operates through 6 business units – EPC, Transmission & Distribution, Transportation, Construction & Environment, Urban Infrastructure and Quality services and provides turnkey end to end project implementing services in these verticals. The projects are executed both in India and abroad. Based on the "Management Approach" as defined in Ind AS 108, the Group evaluates the group's performance and allocates resources based on the analysis of various performance indicators by business segments and geographic segments. Accordingly, information has been presented both along business segments and geographic segments. The accounting principles used in the preparation of the financial statements are consistently applied to record revenue and expenditure in individual segments, and are as set out in the significant accounting policies.

Accordingly the business segments of the group are:

- (i) EPC
- (ii) Services
- (iii) Others

and geographic segments of the group are:

- (i) Domestic
- (ii) Overseas

#### Reporting for business segment is on the following basis:

Revenue relating to individual segment is recorded in accordance with accounting policies followed by the Group. All expenditure, which is directly attributable to a project, is charged to the project and included in the respective segment to which the project related. The costs which cannot be reasonably attributable to any project and are in the nature of general administrative overheads are shown as unallocable expenses. The accounting policies of the reportable segments are the same as the group's accounting policies described in note 3.17. Segment profit represents the profit before tax earned by each segment without allocation of central administration costs and directors' salaries, share of profit of joint ventures, other income, as well as finance costs. This is the measure reported to the chief operating decision maker for the purposes of resource allocation and assessment of segment performance

For the purpose of monitoring segment performance and allocating resources between segments:

Property, plant and equipment's employed in the specific project are allocated to the segment to which the project relates. The depreciation on the corresponding assets is charged to respective segments.

All other assets are allocated to reportable segments other than investments in associates, investments in joint ventures, other investments, loans, other financial assets and current and deferred tax assets.

All liabilities are allocated to reportable segments other than borrowings, other financial liabilities, current and deferred tax liabilities.



## Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### (i) Segment revenues and results

The following is an analysis of the Group's revenue and results from continuing operations by reportable segment

Particulars	Segment Revenue		Segment profit	
	Year ended 31-Mar-18	Year ended 31-Mar-17	Year ended 31-Mar-18	Year ended 31-Mar-17
Engineering, Procurement and Construction (EPC)	899,127.89	609,920.11	54,103.86	37,331.39
Services	21,036.66	16,385.45	4,505.80	4,442.74
Others	2,652.33	1,195.73	242.90	110.71
Less : Inter segment revenue-Services	(496.35)	(498.16)	-	-
<b>Total</b>	<b>922,320.54</b>	<b>627,003.13</b>	<b>58,852.57</b>	<b>41,884.84</b>
Other income			5,258.77	2,926.78
Unallocable expenses (net)			(15,616.58)	(10,987.68)
Finance costs			(18,755.97)	(15,141.67)
<b>Total</b>			<b>29,738.80</b>	<b>18,682.27</b>

### (ii) Segment assets and liabilities

Particulars	Asat 31-Mar-18	Asat 31-Mar-17
<b>Segment Assets</b>		
Engineering, Procurement and Construction	1,012,730.88	6,81,023.95
Services	12,924.46	10,279.05
Others	2,114.61	1,420.82
<b>Total segment assets</b>	<b>1,027,769.95</b>	<b>6,92,723.82</b>
Unallocated	40,921.13	47,761.85
<b>Total</b>	<b>1,068,691.08</b>	<b>7,40,485.67</b>
<b>Segment Liabilities</b>		
Engineering, Procurement and Construction	7,92,322.69	5,79,933.42
Services	3,637.38	473.13
Others	244.05	478.12
<b>Total segment liabilities</b>	<b>7,96,204.12</b>	<b>5,80,884.67</b>
Unallocated	1,55,955.59	59,979.70
<b>Total</b>	<b>9,52,159.71</b>	<b>6,40,864.37</b>

## Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### (iii) Other segment information

Particulars	Depreciation and amortisation		Addition to Non-current assets	
	Year ended 31-Mar-18	Year ended 31-Mar-17	Year ended 31-Mar-18	Year ended 31-Mar-17
Engineering, Procurement and Construction Services	10,027.32	9,019.07	15,089.31	13,391.87
Others	48.98	24.94	8.92	14.77
Total	10,078.19	9,045.01	15,098.23	13,406.64
Unallocated	2,102.14	2,040.21	11,179.21	6,537.98
<b>Total</b>	<b>12,180.33</b>	<b>11,085.22</b>	<b>26,277.44</b>	<b>19,944.62</b>

### (iv) Geographical information

The Company is executing projects across multiple geographies with India being country of domicile, the details of revenue and non-current assets are as follows:

Name of the Country	Revenue from external customers		Non-Current Assets*	
	Year ended 31-Mar-18	Year ended 31-Mar-17	Year ended 31-Mar-18	Year ended 31-Mar-17
India	867,200.12	582,148.25	57,664.06	46,142.00
Kenya	737.26	1,375.32	11.89	25.72
Zambia	-	1,960.01	-	-
United Arab Emirates	28,731.52	37,478.24	63.30	104.97
Korea	180.37	428.91	-	-
Ethiopia	4,004.22	349.15	13.02	1.77
Nepal	19,221.75	2,019.92	7.53	7.73
Thailand	-	-	2.77	0.34
China	290.64	359.31	-	0.16
Mauritius	-	-	-	1.57
South Africa	-	153.53	-	-
Germany	145.90	238.61	-	-
Oman	694.14	214.04	-	-
United States	912.39	-	-	-
Others	202.23	277.85	-	-
<b>Total</b>	<b>922,320.54</b>	<b>627,003.13</b>	<b>57,762.57</b>	<b>46,284.26</b>

\* Non-current assets other than financial assets and deferred tax assets.

### (v) Revenue from major customers (generally more than 10% of turnover)

Particulars	year ended 31-Mar-18	year ended 31-Mar-17
Power Grid Corporation of India Limited	92,991.59	1,03,401.46
Andhra Pradesh Power Development Company Limited	1,00,768.97	-

## Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 33.5 Financial Instruments

#### (i) Capital Management

The Group's business model is working capital centric. The group manages its working capital needs and long term capital expenditure, through a balanced mix of capital (including retained earnings) and short term debt.

The capital structure of the group comprises of net debt (borrowings reduced by cash and bank balances) and equity.

The group is not subject to any externally imposed capital requirements.

The Group reviews its capital requirements on an annual basis, in the form of Annual Operating Plan (AOP). The AOP of the group aggregates the capital required for execution of projects identified and the financing mechanism of such requirements is determined as part of AOP. The Company budgeted the gearing ratio for the year 2017-18 about 25%. The gearing ratio as at March 31, 2018 was 66% (March 31, 2017 : 34%).

#### (ii) Gearing Ratio

The gearing ratio at the end of the reporting period was as follows.

Particulars	As at 31-Mar-18	As at 31-Mar-17
Debt	1,60,459.24	71,199.12
Cash and bank balances	84,186.97	37,634.32
<b>Net Debt</b>	<b>76,272.27</b>	<b>33,564.80</b>
<b>Total Equity (Share Capital + Reserves)</b>	<b>1,15,607.35</b>	98,659.73
<b>Net Debt to Equity ratio</b>	<b>66%</b>	34%

#### (iii) Categories of financial instruments

Particulars	As at 31-Mar-18	As at 31-Mar-17
<b>Non current</b>		
Investments in joint ventures	44.40	-
Investments in associate and equity instruments	582.00	-
Trade receivables	18,401.64	16,220.24
Other Financial assets	13,519.13	1,945.64
<b>Current</b>		
Trade receivables	3,91,349.91	3,39,146.84
Cash and cash equivalents	84,186.97	37,634.32
Other financial assets	1,32,772.59	49,036.99
	<b>6,40,856.64</b>	<b>4,43,984.03</b>
<b>Financial liabilities</b>		
<b>Non current</b>		
Borrowings	8,422.94	2,780.53
<b>Current</b>		
Borrowings	1,52,036.30	68,418.59
Trade payables	3,72,431.17	2,66,318.63
Other financial liabilities	17,814.98	11,037.49
	<b>5,50,705.39</b>	<b>3,48,555.24</b>

## Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### (iv) Financial risk management objectives

The Group's Corporate Treasury function provides services to the business, co-ordinates access to domestic and international markets, monitors and manages the financial risks relating to the operations of the Group through internal risk reports which analyse exposures by degree and magnitude of risks. These risks include market risk (including currency risk, interest rate and other price risk), credit risk and liquidity risk.

The Group seeks to minimise the effects of these risks by using derivative financial instruments to hedge risk exposures. The use of financial derivatives is governed by the Group's policies approved by the board of directors, which provide written principles on foreign exchange risk, interest rate risk, credit risk, the use of financial instruments, and the investment of excess liquidity. Compliance with policies and exposure limits is reviewed by the internal auditors on a periodic basis. The Group does not enter into or trade financial instruments, including derivative financial instruments, for a speculative purposes

### (v) Market risk

The Group's activities expose it primarily to the financial risks of changes in foreign currency exchange rates and interest rates. The Group enters into derivative financial instruments to manage its exposure to foreign currency risk and interest rate risk, which includes, forward foreign exchange contracts to hedge the exchange rate risk arising on the import of goods and services overseas.

### (vi) Foreign currency risk management

The Group undertakes transactions denominated in foreign currencies; consequently, exposures to exchange rate fluctuations arise. Exchange rate exposures are managed within approved policy parameters utilising forward foreign exchange contracts.

The carrying amounts of the Group's foreign currency denominated monetary assets and monetary liabilities at the end of the reporting period are as follows:

Particulars	Currency	Liabilities		Assets	
		As at 31-Mar-18	As at 31-Mar-17	As at 31-Mar-18	As at 31-Mar-17
United Arab Emirates	AED	3,397.61	1,449.86	3,610.32	4,711.14
Kenyan Shilling	KES	188.45	226.89	581.30	809.46
South Korean Won	KRW	-	5.16	872.90	1,201.05
Euro	EUR	11,458.84	10,588.58	1,433.24	1,667.67
South African Rand	ZAR	33.26	34.61	43.24	53.15
Zambian Kwacha	ZMW	1.08	1.10	5.44	1.95
US Dollar	USD	49,374.82	43,501.71	23,552.73	22,056.59
Swiss Franc	CHF	406.63	390.98	-	-
Ethiopian Birr	ETB	303.29	11.99	2,379.00	1,281.19
Chinese Yuan Renminbi	CNY	39.04	34.10	296.56	62.52
Thai Baht	THB	4,197.09	2.11	7,297.89	0.76
Nepalese Rupee	NPR	1,409.13	229.05	1,843.64	937.65
Japanese Yen	JPY	1,001.55	0.33	-	-
Singapore Dollar	SGD	0.46	-	-	-
Omani Rial	OMR	152.73	62.14	609.17	374.66
Kuwait Dinar	KWD	-	25.65	0.34	0.35

## Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### (vii) Foreign Currency sensitivity analysis

The above exposures when subjected to a sensitivity of 5% have the following impact:

Particulars	Currency	Impact on profit after tax with increase in rate by 5%*		Impact on profit after tax with decrease in rate by 5%*	
		As at 31-Mar-18	As at 31-Mar-17	As at 31-Mar-18	As at 31-Mar-17
United Arab Emirates	AED	10.64	163.06	(10.64)	(163.06)
Kenyan Shilling	KES	19.64	29.13	(19.64)	(29.13)
South Korean Won	KRW	43.64	59.79	(43.64)	(59.79)
Euro	EUR	(501.28)	(446.05)	501.28	446.05
South African Rand	ZAR	0.50	0.93	(0.50)	(0.93)
Zambian Kwacha	ZMW	0.22	0.04	(0.22)	(0.04)
US Dollar	USD	(1,291.10)	(1,072.26)	1,291.10	1,072.26
Swiss Franc	CHF	(20.33)	(19.55)	20.33	19.55
Ethiopian Birr	ETB	103.79	63.46	(103.79)	(63.46)
Chinese Yuan Renminbi	CNY	12.88	1.42	(12.88)	(1.42)
Thai Baht	THB	155.04	(0.07)	(155.04)	0.07
Nepalese Rupee	NPR	21.73	35.43	(21.73)	(35.43)
Japanese Yen	JPY	(50.08)	(0.02)	50.08	0.02
Singapore Dollar	SGD	(0.02)	-	0.02	-
Omani Rial	OMR	22.82	15.63	(22.82)	(15.63)
Kuwait Dinar	KWD	0.02	(1.27)	(0.02)	1.27

\*Holding all other variables constant

### (viii) Forward Foreign Exchange contracts

The following table details the Group's liquidity analysis for its derivative financial instruments. The table has been drawn up based on the undiscounted contractual net outflows on derivative instruments that settle on a net basis.

Particulars	Less than 1 month	1-3 months	3 months to 1 year	More than 1 year
<b>March 31, 2018</b>				
Foreign exchange forward contracts (Payable)	648.41	2,160.27	432.88	-
Foreign exchange forward contracts (Receivable)	-	9,771.00	-	11,349.37
<b>March 31, 2017</b>				
Foreign exchange forward contracts (Payable)	292.68	520.90	739.05	-
Foreign exchange forward contracts (Receivable)	-	-	-	-

### (ix) Interest rate risk management

The Group is exposed to interest rate risk because of its borrowing at both fixed and floating interest rates. The risk is managed by the group by maintaining appropriate mix between fixed and floating rate borrowings. Group regularly swaps between conventional working capital borrowings with Commercial Paper, thus reducing the interest cost. Hedging activities are evaluated regularly to align with interest rate views and defined risk appetite, ensuring the most cost-effective hedging strategies are applied.

## Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### (x) Interest rate sensitivity analysis

The sensitivity analysis below have been determined based on the exposure to interest rates for non derivative instruments at the end of the reporting period, as the group does not transact in any derivative instruments. For floating rate liabilities, the analysis is prepared assuming the amount of the liability outstanding at the end of the reporting period was outstanding for the whole year. A 50 basis point increase or decrease is used when reporting interest rate risk internally to key management personnel and represents management's assessment of the reasonably possible change in interest rates.

If interest rates had been 50 basis points higher/lower and all other variables were held constant, the Group's:

- a) Profit for the year ended March 31, 2018 would decrease/increase by ₹807.69 (for the year ended March 31, 2017: decrease/increase by ₹404.37). This is mainly attributable to Company's exposure to interest rates on its variable rate borrowings; and
- b) There being no debt instrument passing through FVTOCI, there would not be any impact of such change in interest rate, on OCI.

### (xi) Other price risks

The Holding Company's investments in equity instruments are restricted to its investment in its subsidiaries and associates which are held for strategic purposes rather than for trading. The Holding Company, as on the reporting date of March 31, 2018 has 8 subsidiaries, which include companies incorporated in India and abroad. All the subsidiaries are closely held companies and unlisted, except Artson Engineering Limited, which is listed on BSE. The Holding Company holds 75% of the stake. However the purpose of all such investments being strategic rather than for trading, as mentioned above, the Holding Company does not recognise any impact of sensitivity in the equity prices.

### (xii) Credit Risk Management

The credit risk to the group arises from three sources:

- a) Customers, who default on their contractual obligations, thus resulting in financial loss to the company.
- b) Non certification by the customers, either in part or in full, the works billed as per the contract, being non claimable cost as per the terms of the contract with the customer.
- c) Subsidiaries, Associates or Unincorporated JVs, on whose behalf, the company has provided guarantees, both bank and corporate, in the event of invocation of such guarantees by the beneficiaries.

#### a) Customers:

Group evaluates the credentials of a customer at a very early stage of the bid. Company has adopted a policy of 3 tier verification before participating for any bid. The first step of such verification includes verification of customer credentials. The company, as part of verification of the customer credentials, ensures the compliance with the following criterion,

- (i) Customer's financial health by examining the audited financial statements.
- (ii) Whether the Customer has achieved the financial closure for the work for which the company is bidding.
- (iii) Where the customer is a private entity, the rating of the customer by a reputed agency like Dun & Bradstreet.
- (iv) Brand and market reputation of the customer.
- (v) Details of other contractors working with the customer.
- (vi) Where the customer is Public Sector Undertaking, sanction and availability of adequate financial resources for the proposed work.

Group makes provision on it's financial assets, on every reporting period, as per Expected Credit Loss Method. The provision is made separately for each financial assets of each business line. The percentage at which the provision is made, is determined on the basis of historical experience of such provisions, modified to the current and prospective business and customer profile.

## Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

Trade receivables consist of large number of customers, spread across diverse industries and geographical areas. Majority of the customers of the company comprise of Public Sector Undertakings, with whom the company does not perceive any credit risk. As regards the customers from private sector, company carries out financial evaluation on regular basis and provides for any amount perceived as non realisable, in the books of accounts.

b) Non certification of works billed

The Group has contract claims from customers including costs on account of account of delays/changes in scope/design by them etc. which are at various stages of discussions/negotiations or under arbitrations. The realisability of these claims are estimated based on contractual terms, historical experience with similar claims as well as legal opinion obtained from internal and external experts, wherever necessary. Changes in facts of the case or the legal framework may impact realisability of these claims.

c) Guarantees:

Group provides guarantees, both from its line of credit and as a corporate, on behalf of it's subsidiaries, associates and Unincorporated Joint Ventures. These guarantees are provided to customers of the said entities. While these guarantees are disclosed as contingent liabilities in the financial statements, Group does not perceive any credit risk in respect of any of such guarantees issued.

### (xiii) Liquidity Risk Management

Group being an EPC contractor, has a constant liquidity pressures to meet the project requirements. These requirements are met by a balanced mix of borrowings and project cash flows. Cash flow forecast is made for all projects on monthly basis and the same are tracked for actual performance on daily basis. Shortfall in cashflows are matched through short term borrowings and other strategic financing means. The daily project requirements are met by allocating the daily aggregated cashflows among the projects. Company has established practice of prioritising the site level payments and regulatory payments above other requirements

### (xiv) Financing facilities

Particulars	As at 31-Mar-18	As at 31-Mar-17
Unsecured bank overdraft facility, reviewed annually and payable at call:		
amount used	88,252.52	-
amount unused	47,047.48	81,300.00
	<b>1,35,300.00</b>	<b>81,300.00</b>
Unsecured bill acceptance facility, reviewed annually		
amount used	2,16,053.38	94,985.00
amount unused	79,546.62	69,140.00
	<b>2,95,600.00</b>	<b>1,64,125.00</b>
Secured bank overdraft facility:		
amount used	61,582.53	56,190.76
amount unused	78,585.47	71,368.24
	<b>1,40,168.00</b>	<b>1,27,559.00</b>
Secured bill acceptance facility, reviewed annually		
amount used	8,22,871.80	7,19,995.00
amount unused	2,03,975.20	2,44,619.90
	<b>10,26,847.00</b>	<b>9,64,614.90</b>

## Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### (xv) Fair value measurements

Fair value of financial assets and liabilities measured at amortised cost.

Trade receivables, cash and cash equivalents, other bank balances, loans are financial assets with carrying values that approximate fair value. Borrowings, trade payables are financial liabilities with carrying values that approximate fair value. If measured at fair value in the financial statements, these financial instruments would be classified as Level 3 in the fair value hierarchy.

### 33.6 Earnings per Share

Particulars		Year Ended 31-Mar-18	Year ended 31-Mar-17
Profit attributable to the owners of the Company	A	18,728.31	12,835.58
<b>Basic and Diluted</b>			
Weighted average number of equity shares of ₹ 100/- each outstanding during the year	B	20.25	20.25
<b>Earnings per share (face value of ₹ 100/- each)</b>			
<b>Earnings per share - Basic and Diluted</b>	A/B	924.85	633.86

### 33.7 Related party transactions

Description of relationship	Names of related parties
(i) Entity holding more than 20%	The Tata Power Company Limited Omega TC Holdings PTE LTD
(ii) Subsidiaries	Artson Engineering Limited TQ Services (Mauritius) Pty. Ltd. TPL-TQA Quality Services (South Africa) Pty Limited TQ Services Europe GmbH Ujjwal Pune Limited TQ Cert Services Private Limited Industrial Quality Services, LLC Oman Ind Project Engineering (Shanghai) Co Ltd
(iii) Jointly controlled operations	Refer Note no: 33.9 for list of Jv's
(iv) Jointly controlled entities (JCE)	Al Tawleed for Energy & Power Company TEIL Projects Limited NESMA Tata Projects Limited
(v) Associates	Virendra Garments Manufacturing Private Limited
(vi) Key Management Personnel (KMP)	Mr. S. Ramakrishnan, Chairman Mr. Samir Kumar Barua, Director Ms. Neera Saggi, Director Mr. Padmanabh Sinha, Director Mr. Pradeep N Dhume, Director Mr. Banmali Agrawala, Director Mr. Vinayak K Deshpande, Managing Director Mr. Arabinda Guha, Executive Director (w.e.f July 01, 2017) Mr. Anil Khandelwal, Chief Financial Officer



## Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 33.7 Related party transactions (Cont...)

Entity	Particulars	Transactions during the year		Balances outstanding at the end of the year	
		31-Mar-18	31-Mar-17	31-Mar-18	31-Mar-17
Entity holding more than 20%	<b>The Tata Power Company limited</b>				
	Revenue from operations (net of reversals)	(5.99)	-	-	-
	Dividend paid	725.63	483.75	-	-
	Trade receivables	-	-	171.15	291.95
	Contractual reimbursable expenses	-	-	1.11	1.11
Entity holding more than 20%	<b>Omega TC Holdings PTE Limited</b>				
	Dividend paid	366.33	244.22	-	-
Jointly controlled entities (JCE)	<b>TEIL Projects Limited</b>				
	Acquisition of additional shares	-	50.00	-	-
Jointly controlled entities (JCE)	<b>NESMA Tata Projects Limited</b>				
	Acquisition of shares	44.40	-	-	-
	Bank guarantee given	-	-	559.31	-
Jointly controlled operations (JCO)	<b>Tata Projects Brookfield Multiplex JV</b>				
	Other income	57.00	-	-	-
	Contractual reimbursable expenses	-	-	37.45	34.38
Jointly controlled operations (JCO)	<b>CEC-ITD Cem-TPL Joint Venture</b>				
	Revenue from operations	878.27	-	-	-
	Other income	91.20	-	-	-
	Contractual reimbursable expenses	-	-	66.11	66.79
	Bank guarantee given	-	-	3,002.68	11,320.40
Jointly controlled operations (JCO)	<b>JV of Tata Projects Limited &amp; Raghava Constructions</b>				
	Revenue from operations	197.65	-	-	-
	Trade receivables	-	-	233.23	-
	Contractual reimbursable expenses	-	-	203.91	-
Jointly controlled operations (JCO)	<b>Angelique -TPL JV</b>				
	Contractual reimbursable expenses	-	-	57.68	-
	Bank guarantee given	-	-	1,215.44	674.53
Jointly controlled operations (JCO)	<b>TPL Daewoo JV</b>				
	Contractual reimbursable expenses	-	-	68.45	-
	Bank guarantee given	-	-	11,877.55	-
KMP	<b>Key Management Personnel</b>				
	Short term employee benefits	946.54	647.24	-	-
	Post employment benefits	46.50	36.57	-	-
	Directors sitting Fees	32.92	49.11	-	-
	Commission to Non-Executive Directors	110.00	120.00	-	-

## Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 33.8 Employee benefit plan

#### (i) Defined Contribution plan

In respect of defined contribution plans, an amount of ₹ 1,404.04 (March 31, 2017: ₹ 877.78) has been recognised as expense in the statement of Profit and Loss during the year

#### (ii) Defined benefit plan

##### a) Provident Fund

Employees of the Holding company receive benefits from a provident fund, which is a defined benefit plan. Both, the employees and the Holding Company make monthly contributions to the provident fund plan equal to a specified percentage of the covered employee's salary. The Holding Company contributes a portion to the Tata Projects Provident Fund Trust. The trust invests in specific designated instruments as permitted by Indian Law. The remaining portion is contributed to the government administered pension fund. The rate at which the annual interest is payable to the beneficiaries by the trust is administered by the government. The Group has an obligation to make good the shortfall, if any, between the return from the investments of the trust and the administered interest rate.

The actuary has provided a valuation for provident fund liabilities and based on the valuation, there is no shortfall as at March 31, 2018 and March 31, 2017.

#### Amount recognized in Balance Sheet:

Particulars	As at 31-Mar-18	As at 31-Mar-17
Plan assets at period end, at fair value*	27176.53	21056.09
Present value of benefit obligation at period end	27176.53	21056.09
Asset/(Liability) recognized in Balance Sheet	-	-

\*The plan assets have been primarily invested in the following Categories

Particulars	As at 31-Mar-18	As at 31-Mar-17
Government debt instruments	13,785.16	9,895.15
Other debt instruments	5,484.88	4,717.99
Others	7,906.49	6,442.95
<b>Total</b>	<b>27,176.53</b>	<b>21,056.09</b>

#### The principal assumptions used for the purposes of the actuarial valuations were as follows:

Particulars	As at 31-Mar-18	As at 31-Mar-17
Discount rate (%)	7.60	6.80
Future derived return on assets (%)	9.74	8.87
Average historic yield on the investment portfolio (%)	9.79	8.87
Guaranteed rate of return (%)	8.55	8.65

The Company contributed ₹ 1,686.67 and ₹ 2,077.22 during the years ended March 31, 2018 and March 31, 2017, respectively, and the same has been recognized in the Statement of Profit and Loss under the head employee benefit expense.

The expected contribution payable to the plan next year is ₹ 1,578.20.

## Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 33.8 Employee benefit plan (Contd...)

#### b) Gratuity, Pension, Post retirement Benefits

The following tables sets out the funded status of the Gratuity, pension, Postretirement benefits and the amounts recognized in the company's financial statements as at March 31, 2018 and March 31, 2017.

Change in Defined Benefit Obligation (DBO) during the year	Year ended March 31, 2018			Year ended March 31, 2017		
	Gratuity	Pension	Post retirement medical benefits	Gratuity	Pension	Post retirement medical benefits
Opening Defined Benefit Obligations	4,005.62	377.51	50.25	3,275.56	345.37	47.88
Current service cost	574.11	-	-	445.55	-	-
Interest Cost	252.33	24.17	3.23	234.22	25.50	3.56
Actuarial (Gains)/losses arising from changes in demographic assumptions	(68.48)	-	-	-	-	-
Actuarial (Gains)/losses arising from changes in financial assumptions	(214.66)	126.55	18.66	257.83	21.46	3.32
Actuarial (Gains)/losses arising from experience assumptions	194.00	46.63	(4.01)	220.42	29.26	(2.86)
Past Service Cost	4.27	-	-	-	-	-
Benefits paid	(244.06)	(47.18)	(0.38)	(427.96)	(44.08)	(1.65)
<b>Closing Defined Benefit Obligation</b>	<b>4,503.13</b>	<b>527.68</b>	<b>67.75</b>	<b>4,005.62</b>	<b>377.51</b>	<b>50.25</b>

Change in fair value of plant assets during the year	Year ended March 31, 2018			Year ended March 31, 2017		
	Gratuity	Pension	Post retirement medical benefits	Gratuity	Pension	Post retirement medical benefits
Opening fair value of plan assets	3,916.89	-	-	3,250.37	-	-
Interest income (on Plan Assets)	253.31	-	-	240.36	-	-
Return on plan assets (excluding amounts included in net interest expense)	73.19	-	-	(83.73)	-	-
Contribution from the employer	477.73	47.18	0.38	937.85	44.08	1.65
Benefits paid	(244.06)	(47.18)	(0.38)	(427.96)	(44.08)	(1.65)
<b>Closing fair value of plan assets</b>	<b>4,477.06</b>	<b>-</b>	<b>-</b>	<b>3,916.89</b>	<b>-</b>	<b>-</b>

**Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018**

All amounts are in ₹ Lakhs unless otherwise stated

**33.8 Employee benefit plan (Contd...)**

Amount recognised in Balance sheet	As at March 31, 2018			As at March 31, 2017		
	Gratuity	Pension	Post retirement medical benefits	Gratuity	Pension	Post retirement medical benefits
Present value of funded defined benefit obligation	4,503.13	-	-	4,005.62	-	-
Fair value of plan assets	4,477.06	-	-	3,916.89	-	-
<b>Funded status</b>	<b>26.07</b>	<b>-</b>	<b>-</b>	<b>88.73</b>	<b>-</b>	<b>-</b>
Present value of unfunded defined benefit obligation	-	527.68	67.75	-	377.51	50.25
<b>Net liability arising from defined benefit obligation</b>	<b>26.07</b>	<b>527.68</b>	<b>67.75</b>	<b>88.73</b>	<b>377.51</b>	<b>50.25</b>
Net Defined benefit obligation bifurcated as follows						
Current	4.41	47.76	5.00	2.03	44.08	5.00
Non-Current	21.65	479.91	62.75	86.70	333.43	45.25
	<b>26.07</b>	<b>527.67</b>	<b>67.75</b>	<b>88.73</b>	<b>377.51</b>	<b>50.25</b>

Components of employer expense	Year ended March 31, 2018			Year ended March 31, 2017		
	Gratuity	Pension	Post retirement medical benefits	Gratuity	Pension	Post retirement medical benefits
Current service cost	574.11	-	-	445.55	25.50	3.56
Past service cost and loss from settlements	4.27	-	-	-	-	-
Net interest expense	(0.98)	24.17	3.25	(6.13)	-	-
<b>Components of defined benefit costs recognised in statement of profit and loss</b>	<b>577.40</b>	<b>24.17</b>	<b>3.25</b>	<b>439.42</b>	<b>25.50</b>	<b>3.56</b>
<b>Remeasurement:</b>						
Return on plan assets	(73.19)	-	-	83.73	-	-
Actuarial (Gains)/losses arising from changes in demographic assumptions	(68.48)	-	-	-	-	-
Actuarial (Gains)/losses arising from changes in financial assumptions	(214.66)	126.55	18.66	257.83	21.47	3.33
Actuarial (Gains)/losses arising from experience assumptions	194.00	46.63	(4.01)	220.42	29.26	(2.87)
<b>Components of defined benefit costs recognised in other comprehensive income</b>	<b>(162.33)</b>	<b>173.18</b>	<b>14.65</b>	<b>561.98</b>	<b>50.73</b>	<b>0.46</b>

The remeasurement of the net defined liability is included in other comprehensive income

The trustees of the plan have outsourced the investment management of the fund to Life Insurance Corporation (LIC). The insurance company in turn manages these funds as per the mandate provided to them by the trustees and the asset allocation which is within the permissible limits prescribed in the insurance regulations.

## Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 33.8 Employee benefit plan (Contd...)

The principal assumptions used for the purposes of the actuarial valuations were as follows:

Particulars	31-Mar-2018			31-Mar-2017		
	Gratuity	Pension	Post retirement medical benefits	Gratuity	Pension	Post retirement medical benefits
Discount rate	7.60%	7.60%	7.60%	6.80%	6.80%	6.80%
Expected rate of salary increase	6.00%	-	-	6%	-	-
Expected rate of pension increase	-	5.00%	-	-	-	-
Medical Inflation rate	-	-	5.00%	-	-	-
Retirement Age*	60 yrs	60 yrs	-	60 yrs	60 yrs	60 yrs
Leaving service	11.75%	-	-	10%	-	-

\* Mortality: Published rates under the Indian Assured Lives Mortality (2006-08) Ult table.

Sensitivity Analysis	For the Year ended 31-Mar-2018			For the Year ended 31-Mar-2017		
	Gratuity	Pension	Post retirement medical benefits	Gratuity	Pension	Post retirement medical benefits
<b>Discount Rate</b>						
Impact of increase in 50 bps on DBO	-2.78%	-3.31%	-3.89%	-3.13%	-2.79%	-3.26%
Impact of decrease in 50 bps on DBO	2.93%	3.52%	4.17%	3.32%	2.95%	3.47%
<b>Life Expectancy</b>						
Life Expectancy 1 year increase	-	-6.32%	4.63%	-	-5.42%	-3.72%
Life Expectancy 1 year decrease	-	6.03%	-4.82%	-	5.00%	3.46%
<b>Salary Escalation Rate</b>						
Impact of increase in 50 bps on DBO	2.96%	-	-	3.32%	-	-
Impact of decrease in 50 bps on DBO	-2.83%	-	-	-3.17%	-	-
<b>Pension Increase Rate</b>						
Impact of increase in 50 bps on DBO	-	7.38%	-	-	-	-
Impact of decrease in 50 bps on DBO	-	-6.62%	-	-	-	-
<b>Medical Inflation Rate</b>						
Impact of increase in 100 bps on DBO	-	-	8.78%	-	-	-
Impact of decrease in 100 bps on DBO	-	-	-7.77%	-	-	-

**Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018**

All amounts are in ₹ Lakhs unless otherwise stated

**33.8 Employee benefit plan (Contd...)**
**Projected Plan Cash Flow**

The expected cash flow profile of the benefits to be paid to the current membership of the plan, are as follows:

Maturity Profile	For the Year ended 31-Mar-18			For the Year ended 31-Mar-17		
	Gratuity	Pension	Post retirement medical benefits	Gratuity	Pension	Post retirement medical benefits
Expected Benefits for year 1	765.64	47.76	5.00	587.29	44.08	5.00
Expected Benefits for year 2	550.34	48.62	5.16	457.96	42.81	4.92
Expected Benefits for year 3	535.10	49.32	5.32	394.63	41.44	4.84
Expected Benefits for year 4	630.37	49.85	5.48	413.88	39.98	4.75
Expected Benefits for year 5	688.57	50.18	5.63	503.41	38.42	4.66
Expected Benefits for year 6	450.54	50.30	5.77	598.69	36.78	4.55
Expected Benefits for year 7	444.40	50.20	5.89	337.93	35.05	4.44
Expected Benefits for year 8	455.93	49.86	6.01	366.95	33.26	4.32
Expected Benefits for year 9	342.84	49.28	6.10	387.06	31.41	4.20
Expected Benefits for year 10 and above	2783.90	563.49	95.60	2760.75	265.51	46.83
Weighted average duration to the payment of these cash flows	5.70 Years	6.82 Years	8.05 Years	6.45 Years	5.74 Years	6.73 Years

The expected contribution payable to the plan next year is ₹ 506.21

## Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 33.9. Joint Operation

Name of the Joint Venture	As at 31-Mar-18	As at 31-Mar-17
1 TPL - VNR Infrastructure Ltd - Package 1 (JV) (TPL VNR JV - Pkg 1)	80.00%	80.00%
2 TPL - VNR Infrastructure Ltd - Package 2 (JV) (TPL VNR JV - Pkg 2)	85.00%	85.00%
3 GMR Kalindee - TPL JV MMTS Pkg 1	9.00%	9.00%
4 GMR Kalindee - TPL JV MMTS Pkg 2	25.00%	25.00%
5 GMR Kalindee - TPL JV MMTS Pkg 3	17.00%	17.00%
6 GMR Kalindee - TPL JV Jhansi-Bhimsen	14.29%	14.29%
7 TPL Kalindee JV	90.00%	90.00%
8 Sibmost -Tata projects (JV)	49.00%	49.00%
9 TATA-ALDESA JV	50.00%	50.00%
10 GIL- TPL(JV)	50.00%	50.00%
11 Express Freight Consortium	19.00%	19.00%
12 TPL - SUCG Consortium	85.00%	85.00%
13 TPL-JBTPL Joint Venture	75.00%	75.00%
14 GYT-TPL Joint Venture	49.00%	49.00%
15 GULERMARK - TPL Joint Venture	70.00%	70.00%
16 CEC-ITD Cem-TPL Joint Venture	20.00%	20.00%
17 CCECC -TPL JV	49.00%	49.00%
18 TPL-HGIEPL Joint Venture	74.00%	74.00%
19 TPL-Brookfield JV	50.00%	50.00%
20 JV of TATA Projects Ltd and Chint Electric Co. Ltd	95.00%	95.00%
21 Express Freight Railway Consortium	19.00%	19.00%
22 Ansaldo-Tpl CSR	27.23%	-
23 TPL-SSGIPL JV	80.00%	-
24 TPL-KIPL Joint Venture	75.00%	-
25 TPL Gulermak Karimnagar Jv	60.00%	-
26 Daewoo-TPL JV	40.00%	-
27 TPL-TEDA -500 KV Surat Thani Consortium	65.97%	-
28 Angelique -TPL JV	50.00%	-
29 TPL-TEDA -500 KV Roiet -Chaiyaphum-Consortium	50.00%	-
30 JV of Tata Projects Limited & Raghava Constructions	50.00%	-

### 33.10. Operating lease arrangements

Particulars	Year ended 31-Mar-18	Year ended 31-Mar-17
<b>(i) Payments recognised as an expense</b>		
Minimum Lease payments	1,432.50	629.03
	<b>1,432.50</b>	<b>629.03</b>
Particulars	As at 31-Mar-18	As at 31-Mar-17
<b>(ii) Non-cancellable operating lease commitments</b>		
Not later than 1 year	1,561.79	501.45
Later than 1 year and not later than 5 years	2,916.48	1,727.06
Later than 5 years	613.67	891.84
	<b>5,091.93</b>	<b>3,120.35</b>

**Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018**

All amounts are in ₹ Lakhs unless otherwise stated

**33.11 Unrecognised share of losses of joint ventures**

Particulars	As at 31-Mar-18	As at 31-Mar-17
<b>Unrecognised share of losses of joint ventures for the year</b>		
TEIL Projects Limited	-	7.30
AI-Tawleed for Energy & Power Company	13.58	(5.93)
	<b>13.58</b>	<b>1.37</b>

Particulars	As at 31-Mar-18	As at 31-Mar-17
<b>Cumulative share of loss of joint ventures</b>		
TEIL Projects Limited	37.82	37.82
AI-Tawleed for Energy & Power Company	209.94	223.52
	<b>247.76</b>	<b>261.34</b>

**33.12. Dividend paid in foreign currency:**

Particulars	For the year ended 31-Mar-18	For the year ended 31-Mar-17
Amount of dividend remitted in foreign currency (₹)	366.33	244.22
Total number of non-resident shareholders (to whom the dividends were remitted in foreign currency)	1	1
Total number of shares held by them on which dividend was due	488,440	488,440
Year to which the dividend relates	2016-17	2015-16

**33.13 Details of Specified Bank Notes (SBN) held and transacted during the period from 8 November, 2016 to 30 December 2016:**

Particulars	SBNs	Other denomination notes	Total
Closing cash in hand as on 08.11.2016	47.12	71.14	118.26
(+) Permitted receipts	-	303.83	303.83
(+) Unpermitted receipts	0.31	-	0.31
(-) Permitted payments	-	328.96	328.96
(-) Unpermitted payments	24.15	-	24.15
(-) Amount deposited in Banks	23.28	-	23.28
Closing cash in hand as on 30.12.2016	-	46.01	46.01



### Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

#### 33.14 Disclosure of additional information as required by the Schedule III:

##### (a) As at and for the year ended March 31, 2018

Name of the entity in the Group	Net assets, i.e., total assets minus total liabilities		Share of profit or loss		Share in other comprehensive income		Share in total comprehensive income	
	As % of consolidated net assets	Amount (in ₹ lakhs)	As % of consolidated profit or loss	Amount (in ₹ lakhs)	As % of consolidated profit or loss	Amount (in ₹ lakhs)	As % of consolidated profit or loss	Amount (in ₹ lakhs)
<b>Parent</b>								
Tata Projects Limited	98.29%	114,543.93	136.95%	25,603.33	-68.20%	(19.42)	136.63%	25,583.91
<b>Subsidiaries</b>								
<b>Indian</b>								
1. Artson Engineering Limited	-0.69%	(807.03)	-31.25%	(5,842.49)	8.27%	2.36	-31.19%	(5,840.13)
2. Ujjwal Pune Limited	0.84%	983.80	1.30%	242.54	0.00%	-	1.30%	242.54
3. TQ Cert Services Pvt. Ltd.	0.21%	243.71	0.37%	69.99	0.00%	-	0.37%	69.99
<b>Foreign</b>								
1. TQ Services (Mauritius) Pty. Ltd. (Formerly TPL-TQA Quality Services (Mauritius) Pty. Ltd.)	0.01%	14.02	-0.13%	(23.47)	-7.09%	(2.02)	-0.14%	(25.49)
2. TPL-TQA Quality Services South Africa (Pty) Limited	0.01%	11.81	-0.64%	(119.92)	-16.05%	(4.57)	-0.66%	(124.49)
3. TQ Services Europe, GmbH	0.09%	101.68	-0.46%	(86.46)	68.48%	19.50	-0.36%	(66.96)
4. Industrial Quality Services LLC Oman	0.25%	289.67	-1.73%	(323.31)	103.49%	29.47	-1.57%	(293.84)
5. Ind Projects Engineering (Shanghai) Co., Ltd	0.19%	225.76	-4.24%	(791.90)	8.32%	2.37	-4.22%	(789.53)
Minority Interests in all subsidiaries	0.79%	924.01	-0.17%	(32.28)	2.77%	0.79	-0.17%	(31.49)
<b>Total</b>	<b>100.00%</b>	<b>116,531.36</b>	<b>100.00%</b>	<b>18,696.03</b>	<b>100.00%</b>	<b>28.48</b>	<b>100.00%</b>	<b>18,724.51</b>

**Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018**

All amounts are in ₹ Lakhs unless otherwise stated

**33.14 Disclosure of additional information as required by the Schedule III:**
**(b) As at and for the year ended March 31st, 2017**

Name of the entity in the Group	Net assets, i.e., total assets minus total liabilities		Share of profit or loss		Share in other comprehensive income		Share in total comprehensive income	
	As % of consolidated net assets	Amount (in ₹ lakhs)	As % of consolidated profit or loss	Amount (in ₹ lakhs)	As % of consolidated profit or loss	Amount (in ₹ lakhs)	As % of consolidated profit or loss	Amount (in ₹ lakhs)
<b>Parent</b>								
Tata Projects Limited	98.50%	97,176.78	145.01%	19,643.66	92.92%	(400.13)	146.71%	19,243.53
<b>Subsidiaries</b>								
<b>Indian</b>								
1. Artson Engineering Limited	1.09%	1,073.13	-45.37%	(6146.27)	-0.11%	0.48	-46.86%	(6145.79)
2. Ujwal Pune Limited	0.49%	487.97	0.10%	13.81	0.00%	-	0.11%	13.81
3. TQ Cert Services Pvt. Ltd.	0.16%	155.60	0.25%	33.79	0.00%	-	0.26%	33.79
<b>Foreign</b>								
1. TQ Services (Mauritius) Pty. Ltd. (Formerly TPL-TQA Quality Services (Mauritius) Pty. Ltd.)	0.03%	33.62	-0.46%	(62.38)	1.36%	(5.85)	-0.52%	(68.23)
2. TPL-TQA Quality Services South Africa (Pty) Limited	0.21%	211.93	0.46%	62.44	-0.15%	0.65	0.48%	63.09
3. TQ Services Europe, GmbH	0.18%	176.75	-0.07%	(8.92)	2.60%	(11.21)	-0.15%	(20.13)
4. Industrial Quality Services LLC Oman	0.32%	315.86	-2.45%	(332.44)	1.61%	(6.94)	-2.59%	(339.38)
5. Ind Projects Engineering (Shanghai) Co., Ltd	-0.01%	(10.34)	-2.72%	(368.10)	1.81%	(7.79)	-2.87%	(375.89)
Minority Interests in all subsidiaries	-0.97%	(961.57)	5.25%	711.62	-0.04%	0.16	5.43%	711.78
<b>Total</b>	<b>100.00%</b>	<b>98,659.73</b>	<b>100.00%</b>	<b>13,547.20</b>	<b>100.00%</b>	<b>(430.63)</b>	<b>100.00%</b>	<b>13,116.57</b>

## Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018

All amounts are in ₹ Lakhs unless otherwise stated

### 33.15 Proposed Dividend

The Board of Directors at its meeting held on May 03, 2018 has recommended a dividend of ₹ 100 per equity share.

### 33.16 Approval of financial statements

The financial statements were approved for issue by the Board of Directors on May 03, 2018.

**33.17** The Company as a Joint operator, recognizes assets, Liabilities, income and expenditure held/incurred jointly with other partners in proportion to its interest in such joint arrangements in compliance with applicable accounting standards.

**33.18** Previous year's figures have been regrouped / reclassified wherever necessary to correspond with the current year's classification / disclosure.

**For Price Waterhouse & Co Chartered Accountants LLP**

**For and on behalf of the Board of Directors**

Firm Registration Number : 304026E/E-300009

**Sunit Kumar Basu**

Partner

Membership Number : 55000

Place : Hyderabad

Date : 3<sup>rd</sup> May, 2018

**S Ramakrishnan**

Chairman

**Padmanabh Sinha**

Director

**Arabinda Guha**

Executive Director

**Samir K Barua**

Director

**Rajit H Desai**

Director

**Anil Khandelwal**

Chief Financial Officer

**Neera Saggi**

Director

**Pradeep N Dhume**

Director

Place: Mumbai

Date: 3<sup>rd</sup> May, 2018

**Parashuram G Date**

Director

**Vinayak K Deshpande**

Managing Director

**B S Bhaskar**

Company Secretary

**Notes forming part of Consolidated Ind AS financial statements for the year ended March 31, 2018**

All amounts are in ₹ Lakhs unless otherwise stated

**Gist of the Financial Performance for the year 2017-18 of the Subsidiary Companies**

Sl. No.	Name of the Subsidiary	Reporting Date	Reporting Currency	Capital	Reserves & Surplus	Total Assets @	Total Liabilities #	Investments	Turnover ##	Profit before taxation	Provision for taxation	Profit after taxation	Proposed dividend
1	Artson Engineering Limited	March 31, 2018	INR	369.20	214.69	10,966.96	10,383.07	-	14,172.22	543.81	412.98	130.83	-
2	TPL - TQA Quality Services (Mauritius) Pty Limited	March 31, 2018	INR	19.26	(7.05)	20.92	8.71	-	-	(25.16)	-	(25.16)	-
3	TPL - TOA Quality Services South Africa Pty Limited	March 31, 2018	INR	13.75	5.93	52.96	33.28	-	0.31	(9.21)	183.01	(192.22)	-
4	TQ Services Europe GmbH	March 31, 2018	INR	100.34	32.47	194.18	61.37	-	213.65	(14.87)	3.94	(18.81)	-
5	Ujjwal Pune Limited	March 31, 2018	INR	763.00	260.47	9,017.00	7,993.53	-	8,320.25	313.78	149.06	164.72	-
6	TQ Cert Services Private Limited	March 31, 2018	INR	163.86	14.18	306.82	128.78	-	345.66	84.08	14.09	69.99	-
7	Industrial Quality Services LLC, Oman	March 31, 2018	INR	423.50	98.37	688.22	166.35	-	1,052.37	58.65	8.80	49.85	-
8	Ind Projects Engineering	March 31, 2018		28.53	366.69	460.21	64.99	-	1,343.69	305.47	76.37	229.10	-

@ Total Assets = Non Current Assets + Current Assets + Miscellaneous Expenditure

# Total Liabilities = Non Current Liabilities + Current Liabilities + Deferred Tax Liabilities

## Turnover includes Other Income

Exchange rate as on 31.03.2018 - Rs. 80.27 / EUR

Exchange rate as on 31.03.2018 - Rs. 5.5 / ZAR

Exchange rate as on 31.03.2018 - Rs. 169.40 / OMR

Exchange rate as on 31.03.2018 - Rs. 10.38 / CNY

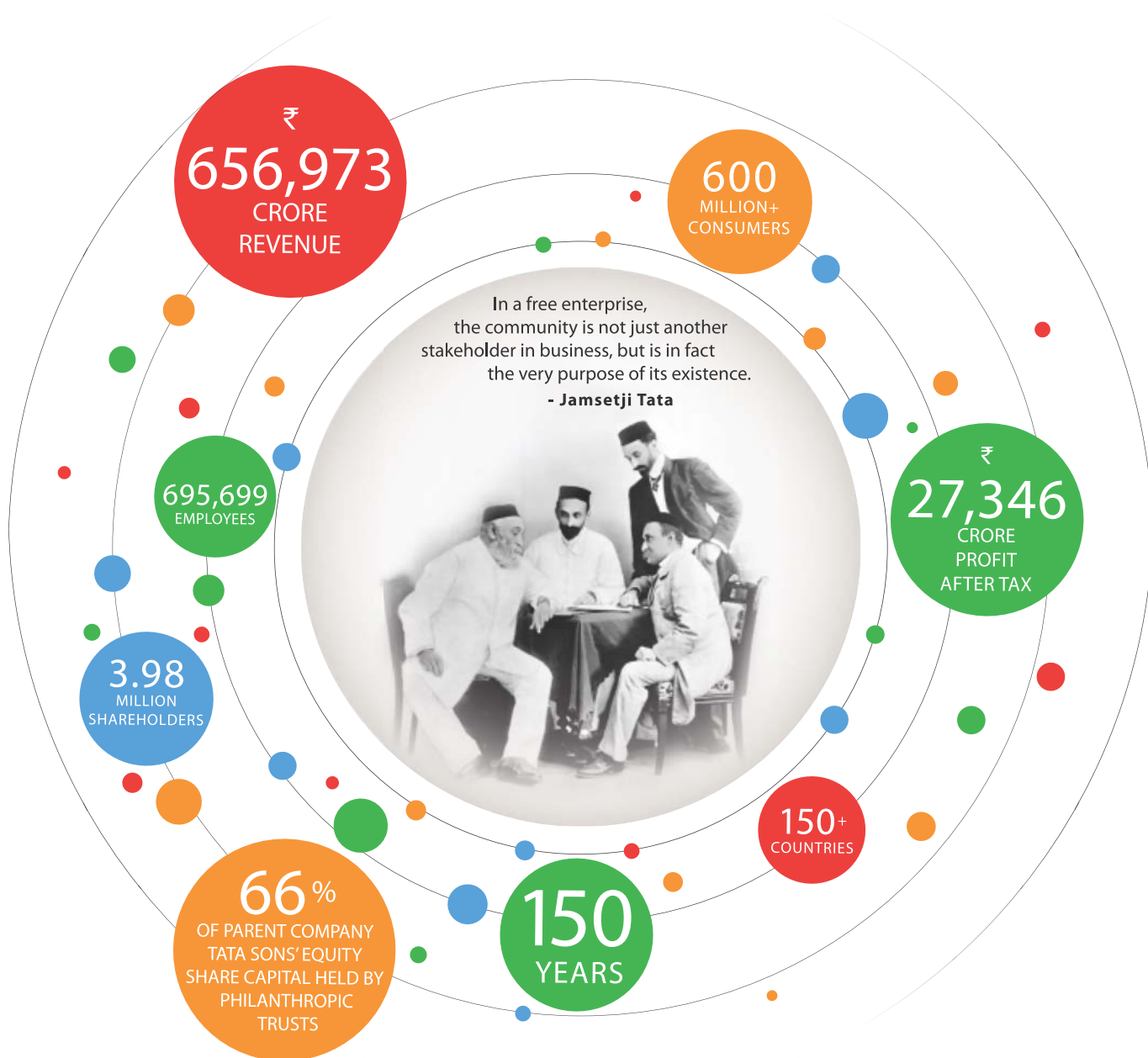
Gist prepared as per individual Subsidiary Companies Final Accounts. For Consolidated results, please refer to Consolidated Financial Statements and Notes





# LEADERSHIP WITH TRUST

SINCE 1868



The figures are aggregated for Tata companies for the financial year ended 31.03.2017.

From pioneering businesses, to pioneering welfare practices, to pioneering national institutions, the Tata Group remains committed to improving the lives of communities we serve globally, based on leadership with trust.



Picture (left to right): The four partners - Jamsetji Tata, Founder of the Tata Group; R. D. Tata, father of J. R. D. Tata; Sir Ratan Tata, younger son of the Founder; and Sir Dorabji Tata, elder son of the Founder.

tata150.com

# **TATA PROJECTS LIMITED**

Registered Office: "Mithona Towers -1", # 1-7-80 to 87, Prenderghast Road, Secunderabad - 500003, T.S., India  
EPABX: +91-40-6623 8801, Fax: +91-40-6617 2535, CIN: U45203TG1979PLC057431  
E-mail: [tpl@tataprojects.com](mailto:tpl@tataprojects.com), [cstpl@tataprojects.com](mailto:cstpl@tataprojects.com), Website: [www.tataprojects.com](http://www.tataprojects.com)