

**2018/2019**

# Ministry of Public Infrastructure & Land Transport (Public Infrastructure Division)



**Annual Report  
For Financial Year  
July 2018 to June 2019**

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## PART I – ABOUT THE MINISTRY

### 1.1 Vision, Mission and Core Values

#### OUR VISION

- World Class, Eco-Friendly, Sustainable and Accessible Building Infrastructure, Road Networks and Maintenance Services



## OUR MISSION



To ensure that all Government buildings are eco-friendly, accessible and maintained with best practices while promoting energy efficiency



To provide modern, safe, and efficient road networks for mobility of people and goods



To ensure proper management of landslide prone areas and implement counter measures for the safety of the inhabitants



To ensure that all Government vehicles, plant and equipment are properly maintained and the fleet is economically and sustainably managed



To provide an appropriate framework for the construction industry so that it conforms to international standards and practices

## OUR CORE VALUES



## 1.2 Statement of the Permanent Secretary



It is an honour for me to be associated with the publication of the Annual Report 2018/2019 of the Public Infrastructure Division of the Ministry of Public Infrastructure and Land Transport.

The Report provides useful information on the budgetary expenditure made by the Public Infrastructure Division in Financial Year 2018-2019 for the implementation of various infrastructural projects, the use of human resources and the achievements and the challenges that have been addressed to effectively attain the objective of the Ministry.

To further boost economic growth and to alleviate traffic congestion, Government is investing in the construction of new roads and has implemented new megaprojects such as the Road Decongestion Project (RDP) whilst simultaneously ensuring the continuation of other major projects which are in progress.

Apart from the RDP project, the Road Development Authority, has also been involved in the construction of new roads such as the flyover on the M1 at Deschartres, construction of bypasses in other parts of the country; e.g. St Julien bypass, and widening of the Motorway M2 between Jin Fei and Quay D to ease movement of heavy vehicles. The Road Development Authority has also pursued its road maintenance programme by improving the geometry of roads, construction of footpaths, provision of retro-reflective road markings, provision of street lighting, installation of handrails and guard rails, and use of diamond grade traffic panels.

During financial year 2018/2019, the services of the technical sections of the Ministry have been provided to other Ministries with regard to their respective infrastructural projects as well as provision of services for the repair and maintenance of buildings and vehicles.

The Construction Industry Development Board Act and Regulations have been amended to enable the CIDB to exercise better control over consultants and contractors of the construction industry. The Building Control (Mandatory Guarantees) Regulations 2019, making it mandatory for a builder or a promoter to subscribe to an appropriate insurance cover have been promulgated. With the assistance of JICA, a regional Disaster Risk Reduction Management Platform has been set up to enhance cooperation in the field of disaster risk management among countries of the region.

I wish to express my sincere appreciation to the Honourable Minister of Public Infrastructure and Land Transport for his laudable vision and the strong determination on his part in achieving the objectives of the Ministry. I wish also to convey my appreciations to the dedicated staff members of the Public Infrastructure Division for their relentless support and collaboration in meeting our objectives and responding to the changing demands of our customers.

*Dalida Allagapen*  
Permanent Secretary

## 1.3 Our Roles and Functions

### 1.3.1 Our Key Functions



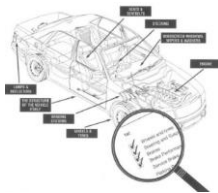
We provide professional services to Ministries/Departments in the design, execution, monitoring and supervision of Government infrastructural projects in compliance with established rules and regulations.



We preserve and maintain Government buildings and assets.



We advise Ministries/Departments in the procurement, maintenance, repairs and disposal of vehicles, plants and mechanical equipment and ensure that repairs and maintenance are done in a cost-effective manner.



We advise Ministries/Departments on the road worthiness of vehicles.



We advise and monitor the renting of office space by Ministries/Departments.





We advise and provide assistance on landslide issues to local authorities and other stakeholders on countermeasure and rehabilitation works.



We regulate the practice of Engineering, Architecture and Quantity Surveying.



We regulate and facilitate the development of the construction sector.



We develop, preserve and maintain the classified road networks, including bridges, tunnels and fly-over.

### 1.3.2 Our Sections

GENERAL ADMINISTRATION	
ADMINISTRATION	Responsible for general administration of the Ministry, human resources processes, internal control activities and finance and procurement issues.
FINANCE	
PROCUREMENT	
HUMAN RESOURCES	
INTERNAL CONTROL	
TECHNICAL SECTIONS	
ARCHITECTURE	<p>Responsible for:</p> <ul style="list-style-type: none"> <li>• implementation of building projects for different Ministries and Departments from inception to completion, commissioning and close out</li> <li>• advising Government on architectural matters and on the practice of Architecture</li> <li>• preparation of Bid Documents for multi-disciplinary Consultant-teams (Global Consultancy) for the design and supervision of Building projects for various Ministries and Departments</li> <li>• coordination and monitoring of the projects implemented by consultants</li> </ul>
CIVIL ENGINEERING	<p>Responsible for:</p> <ul style="list-style-type: none"> <li>• structural design and supervision of all building projects for the various Ministries and Departments</li> <li>• maintenance of all Government buildings</li> <li>• landslide management</li> <li>• materials testing</li> </ul>
QUANTITY SURVEYING SECTION	<p>Responsible for:</p> <ul style="list-style-type: none"> <li>• preparation of cost estimates and bidding documents of building projects for different Ministries and Departments</li> <li>• providing financial and contractual management of Government construction projects from inception to completion</li> </ul>
MECHANICAL ENGINEERING SECTION	<p>Responsible for:</p> <ul style="list-style-type: none"> <li>• repairs of Government vehicles, plant and equipment</li> <li>• Design, supervision of installations, testing, commissioning and maintenance of Mechanical Systems for building projects</li> <li>• advising Ministries and Departments on Mechanical Engineering matters</li> </ul>
ENERGY SERVICES DIVISION	<p>Responsible for:</p> <ul style="list-style-type: none"> <li>• provision of Electrical Engineering services for Government-owned buildings and private buildings rented by Government bodies</li> <li>• maintenance services (including air conditioning systems, lifts, standby generators, photovoltaic systems)</li> <li>• advisory service to Ministries/Departments on Electrical Engineering matters</li> </ul>

**1.3.3 Senior Staff (Period 1<sup>st</sup> July 2018 – 30 June 2019)**

NAME	JOB TITLE	CONTACT NO.	EMAIL ADDRESS
<b>ADMINISTRATIVE CADRE</b>			
<b>Mrs. D. Allagapen</b>	Permanent Secretary	2107271	dallagapen@govmu.org
<b>Mrs. Z.B Auladin-Auckburally</b>	Deputy Permanent Secretary	2170324	zauladin@govmu.org
<b>Mr. P. Mawah</b>	Deputy Permanent Secretary	2107270	pmawah@govmu.org
<b>Mr. G. Bundhooa</b>	Deputy Permanent Secretary	210 7271	gbundhooa@govmu.org
<b>Mrs. Z. Gaungoo</b>	Assistant Permanent Secretary	210 6085	zegaungoo@govmu.org
<b>Mrs. T. Codadeen</b>	Assistant Permanent Secretary	210 8699	trozun@govmu.org
<b>Mr. V. Joysuree</b>	Assistant Permanent Secretary	217 3587	vjoysuree@govmu.org
<b>Mr. V. Ramtohul</b>	Assistant Permanent Secretary	211 0757	vramtohul@govmu.org
<b>Mr. J.C. Arlanda</b>	Assistant Permanent Secretary	213 1726	jarlanda@govmu.org
<b>HUMAN RESOURCE CADRE</b>			
<b>Mr. L. Christian Lacroche</b>	Manager, Human Resources	213 6891	llacroche@govmu.org
<b>Mr. M. Ramburn</b>	Assistant Manager, Human Resources	212 9685	mramburn@govmu.org
<b>Miss N. B. Peerbocus</b>	Assistant Manager, Human Resources	208 0281	npeerbaccus@govmu.org
<b>Mrs. M. Gungah</b>	Assistant Manager, Human Resources	212 9789	mgungah@govmu.org

FINANCE CADRE			
<b>Mrs. S. Govinden</b>	Manager, Financial Operations	216 8148	sgovinden@govmu.org
<b>Mrs. B. Ruthnum</b>	Assistant Manager, Financial Operations	216 4857	bruthnum@govmu.org
<b>Mrs. N. Murugan</b>	Assistant Manager, Financial Operations	240 3178	nmurugan@govmu.org
PROCUREMENT AND SUPPLY CADRE			
<b>Mr. S.Pentayah</b>	Manager, Procurement and Supply	2178072	spentayah@govmu.org
<b>Mrs. H. Ghoorun</b>	Assistant Manager, Procurement and Supply	217 8065	heghoorun@govmu.org
<b>Mr. R. Mudun</b>	Assistant Manager, Procurement and Supply	212 9344	-
INTERNAL CONTROL			
<b>Mrs M.Oree</b>	Manager Internal Control		boree@govmu.org
TECHNICAL CADRE			
ARCHITECT SECTION			
<b>Mr. C. Chooramun</b>	Director	696 6413	cchooramun@govmu.org
<b>Mrs. S. Jaypal</b>	Deputy Director	686 6376	smjaypal@govmu.org
<b>Mr P.K. Domah</b>	Deputy Director	686 4198	domahp@gmail.com
CIVIL ENGINEERING SECTION			
<b>Mr. T. Parbhunath</b>	Director	601 1600	tparbhunath@govmu.org
<b>Mr. R. Ramdhan</b>	Deputy Director	601 1600	rramdhan@govmu.org
QUANTITY SURVEYING SECTION			
<b>Mr. S. K. Ramdyal</b>	Director	660 0052	sramdyal@govmu.org

<b>Mr. A. N. Domun</b>	Deputy Director	660 0054	andomun@govmu.org
<b>MECHANICAL ENGINEERING SECTION</b>			
<b>Mr. A.H. Saroo</b>	Director (As from 10.01.2019)	212 5275	asaroo@govmu.org
<b>Mr P. Ramful</b>	Deputy Director		pramful@govmu.org
<b>ENERGY SERVICES DIVISION</b>			
<b>Mr. A. Dumur</b>	Deputy Director	217 8556	adumur@govmu.org

**Parastatals falling under the responsibility of the Public Infrastructure Division:**

The following two parastatals are under the jurisdiction of the Public Infrastructure Division:

- (a) Road Development Authority
- (b) Construction Industry Development Board

**(a) Road Development Authority**

The Road Development Authority (RDA) is established under Section 3 of the Road Development Authority Act of 1998.

The RDA is responsible for the construction, care, maintenance and improvement of motorways and main roads.

The RDA is administered by the Road Development Authority Board and the General Manager is the Chief Executive Officer of the Authority.

Name	Title	Contact Details	Email Address
Mr Claude Wong So	Chairman of RDA Board	233 1514	cwongso@intnet.mu
Mr. N. Mowlabaccus	General Manager	467 8600	nmowlabaccus@rda.intnet.mu

- Composition of RDA Board:

*The Board of Road Development Authority*

### Composition

The Board of RDA consists of nine Directors in accordance with Section 7 of the RDA Act. They are all non-executive directors and come from diverse business and academic backgrounds and possess the necessary knowledge, skills, objectivity, integrity, experience and commitment to make sound judgements on various keys issues relevant to the business of Road Development Authority independent of Management.

The composition of the Board as at 30<sup>th</sup> June 2019 was as follow:

<b>Name</b>	<b>Designation</b>
Mr Claude Emmanuel Wong So – OSK	<b>Chairman</b>
Mr. Swaminathan Ragen (up to 25.10.2018)	<b>Representative of the Ministry of Public Infrastructure, and Land Transport (Public Infrastructure Division)</b>
Mrs D.Allagapen (as from 26.10.18)	
Mr. Saeed Mahmad Jewon	<b>Representative of the Ministry of Public Infrastructure &amp; Land Transport (Land Transport Division)</b>
Mr. Varun Krishn Munoosingh	<b>Representative of the Prime Minister’s Office</b>
Mr. Ajay Ramdhany	<b>Representative of the Ministry of Finance and Economic Development</b>
Mr. Vijaycumar Dawon	<b>Representative of Commissioner of Police</b>
Mr. Jimmy Mayotte (From 2 March 2018 to 18.12.18)	<b>Appointed Member</b>
Mr. Shah Nawaz A R Paraouty (from 2 March 2018 to April 2019)	<b>Appointed Member</b>
Mr. Beejaye Somai	<b>Appointed Member</b>
Mr. Kedurnath Ramphul	<b>Secretary</b>

**Board Meetings and its Sub Committees:**

The Board has set up three Sub Committees under the powers conferred by the Act, as a mechanism to assist the Board in giving detailed attention to specific areas: -

- **Human Resource Committee**
- **Audit and Risk Committee**
- **Finance and Strategic Committee**

Board Meetings of Road Development Authority and its Sub Committees are regularly held and at times they are supplemented by special meetings and Resolution by Circulation to attend to issues which require urgent attention. The Board met on eighteen occasions during the financial period. Most of the Board Members or their alternate attended the Board meetings/Sub Committees as scheduled.

Designation	Board (18)	Human Resource Committee (8)	Audit & Risk Committee (4)	Finance & Strategic Committee (5)
Chairman	18	-	-	-
Representative of Ministry of Public Infrastructure and Land Transport (Public Infrastructure Division)	16	8	1	3
Representative of Ministry of Public Infrastructure and Land Transport (Land Transport Division)	17	7	-	4
Representative of Prime Minister's Office	9	-	2	-
Representative of Ministry of Finance and Economic Development	14	-	-	3
Representative of Commissioner of Police	16	4	4	-
Appointed member – Mr. Shah Nawaz A R Paraouty	10	-	3	2
Appointed member - Mr. Beejaye Somai	16	6		
Appointed member - Mr. J Mayotte	6	-	-	-



**(b) Construction Industry Development Board**

The Construction Industry Development Board (CIDB) is established under section 4 of the Construction Industry Development Board Act 2008.

The objects of the CIDB are to promote the development, improvement, sustainable growth, best practice, research and development, quality assurance, safe work practices, communication and exchanges in the construction industry and create a competitive construction industry with enhanced participation of small and medium enterprises.

The CIDB is responsible mainly to regulate and register providers of construction works and construction services, advise Government on matters regarding the construction industry, publish regular reports on the construction industry and encourage the standardisation of construction materials and techniques.

The CIDB is administered by the CIDB Council and the Executive Director is the Chief Executive Officer of the organisation.

Name	Designation	Contact Details	Email Address
<b>Mrs. N. Daby Seesaram</b>	Chairperson of CIDB Council	213 1357	nadiaseesaram@cidb.biz
<b>Mr. Ram Bahadoor</b>	Executive Director	211 7878	rambahadoor@cidb.biz

- **Composition of CIDB Council:**

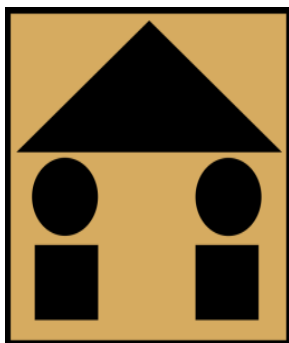
The composition of Council as at 30 June 2019 was as follows:

Name	Designation
<b>Mrs. Nadia Daby-Seesaram</b>	Chairperson
<b>Mr. P. Mawah</b>	Representative of Ministry responsible for the subject of public infrastructure
<b>Mr. Y. Pathel</b>	Representative of Ministry responsible for the subject of environment
<b>Mr. A. Teeluckdharry</b>	Representative of Ministry responsible for the subject of local government
<b>Mr. S. Pokun</b>	Representative of Professional Architects' Council
<b>Mr. S. Daliah</b>	Representative of Council of Registered Professional Engineers of Mauritius
<b>Mr. S. Ragoo</b>	Representative of Professional Quantity Surveyors' Council
<b>Mr. G. Moorghen</b>	Appointed by the Minister as a person having wide experience in the construction industry
<b>Mr. N. Pougnet</b>	Representative of Association of Contractors for Building and Civil Engineering Works
<b>Mr. S. Ramsurrun</b>	Representative of Association of Contractors for Mechanical and Electrical Works
<b>Mr. G. C. J. Uckoor</b>	Representative of SMEs of the Construction Sector

### 1.3.4 Statutory bodies falling under the responsibility of the Ministry of Public Infrastructure and Land Transport (Public Infrastructure Division)

There are also three statutory bodies falling under this Ministry which regulate the practice of Architecture, Quantity Surveying and Engineering, namely:

#### (a) *The Professional Architects' Council (PAC)*



Phone: (+230) 466 0324  
 Email: [PAC-arch@intnet.mu](mailto:PAC-arch@intnet.mu)  
 Address: 4<sup>th</sup> Floor, Discovery Building,  
 St-Jean Road,  
 Quatre Bornes,  
 Mauritius

Composition of main members of the PAC as at 30 June 2019 was as follows:

Name	Designation
Mr. C. Chooramun	Chairperson
Mr. D. Bunjun	Vice-Chairperson
Mr. Javed Rojoa	Registrar

#### (b) *The Professional Quantity Surveyors' Council (PQSC)*



Phone: (+230) 5828 5585  
 Email: [registrar@pqsc.mu](mailto:registrar@pqsc.mu)  
 Address: The registrar, PQSC  
 C/O Ministry of Public Infrastructure and Land Transport,  
 QS Section, Phoenix  
 Mauritius

Composition of main members of the PQSC as at 30 June 2019 was as follows:

Name	Designation
Mr. S. Deepchand	Chairperson
Mr. V. Pratap	Vice-Chairperson
Mr. N. K. Padaruth	Registrar

**(c) The Council of Registered Professional Engineers (CRPE)**

Address: Council of Registered Professional Engineers  
 c/o Civil Engineering Section  
 Ministry of Public Infrastructure and Land Transport  
 Phoenix,  
 Mauritius  
 Email: engineeringcouncil@mail.gov.mu  
 Phone: (+230) 698-8376

**Composition of main members of the CRPE as at 30 June 2019 was as follows:**

Name	Designation
<b>Mr. S. Daliah</b>	Chairman
<b>Mr. A. Lachmansingh</b>	Vice- Chairman
<b>Mr. N.K. Ujoodha</b>	Registrar

**(d) Building Control Advisory Council**

The Building Control Advisory Council is established under Section 5 of the Building Control Act.

Its main function is to advise the Minister of Public Infrastructure and Land Transport on all matters relating to permits and regulations to be made under the Act, and to be responsible for formulating policies for a more effective, safe, efficient and sustainable construction of buildings.

The composition of the Council as at 30 June 2019 was as follows:

**COMPOSITION OF THE BUILDING CONTROL ADVISORY COUNCIL 2018-2021**

Designation	Name	Status
Chairperson	Mr Seemadree Pilly (Ramdass) MOOTANAH	Professional Architect
Member	Mr Parmanand MAWAH	Deputy Permanent Secretary, Ministry of Public Infrastructure and Land Transport
Member	Mrs S. JAYPAL	Deputy Director (Architecture) Ministry of Public Infrastructure and Land Transport
Member	Mr Hemant Multra	Engineer/Senior Engineer, Ministry of Energy and Public Utilities

Member	Mrs Nisha Devi MANIC (Firm)	Environment Officer/Senior Environment Officer Ministry of Environment, SWM and CC
	Mrs Priyamvadha Doorgakant-Dabysing (Alternate Member)	Assistant Permanent Secretary, Ministry of Environment, SWM and CC
Member	Mr Nandlall SEENAUTH	Deputy Chief Town and Country Planning Officer, Ministry of Housing and Lands
Members	Mr R. PHUL	Land Use and Planning Executive, Ministry of Local Government , Disaster and Risk Management
Member	Mr A. Khelary (Firm)	Chief Fire Officer, Mauritius Fire and Rescue Service
	Mr Dhurumrajsing SEESAHYE (Alternate)	Deputy Chief Fire Officer Mauritius Fire and Rescue Service
Member	Mr Keeshav RAMKURRUN	Engineer/Senior Engineer Energy Efficiency Management Office
Member	Mr Vijay Kumar RAWOO	Manager, Technical Services, Construction Industry Development Board
Member	Mr Jay SOOREDIOO	Professional Architect, Professional Architects' Council
Member	Mr Ramraj GUNGOOSINGH	Professional Engineer, Council of Registered Professional Engineers
Member	Mr Manish RAJCOOMARSING	Chartered Quantity Surveyor, Mauritius Association of Quantity Surveyors
Member	Mr Shailesh BEEJADARSINGH	Chief Executive, Gamma Construction Ltd
Member	Mr Vasish RAMKHALAWON	Secretary General, Insurers' Association of Mauritius

## 1.4 Our Key legislations

### (i) Building Control Act

To set out the basic requirements for building and stipulate the way every building shall be designed, constructed and maintained to guarantee people's safety, society's well-being, the protection of the environment, and aesthetic value.

### (ii) Construction Industry Development Board (CIDB) Act

To regulate and register providers of construction works and construction services.

### (iii) Road Development Authority (RDA) Act

To regulate the construction, care, maintenance and improvement of motorways and main roads.

### (iv) The Road Act

To regulate the classification of roads, the norms, standards and specifications of the various roads and the responsibility of the institutions for maintenance and management of the roads.

### (v) Professional Quantity Surveyors' Council (PQSC) Act

To regulate and control the practice of quantity surveying and promote advancement in the field of quantity surveying.

### (vi) Council of Registered Professional Engineers (CRPE) Act

To regulate and control the practice of engineers and to promote advancement in the field of engineering.

### (vii) Professional Architects' Council (PAC) Act

To regulate and control the practice of architecture including the registration of professional architects and foreign architects.

### 1.4.1 Subsidiary Legislation

#### **Regulations made under section 34 of the Construction Industry Development Board Act 2008 as amended in financial year 2018-2019 are as follows:**

- (i) Construction Industry Development Board (Amendment of Schedule) Regulations 2018 – The Schedule of the Act was amended to specify the new fields of specialization of Consultants in the construction industry.
  
- (ii) Construction Industry Development Board (Appeal Fee) Regulations 2018 – The regulations establish the fees to be paid by any aggrieved Consultant and Contractor, who wish to make an appeal against a decision of the Construction Industry Development Council under section 25 of the Act.
  
- (iii) Construction Industry Development Board (Registration of Consultants and Contractors) (Amendment) Regulations 2018 – The regulations amend the CIDB (Registration of Consultants and Contractors) regulations to provide for:
  - a) Consultants and contractors of Mechanical, Electrical and Plumbing services/works to be registered separately for electrical services/works and mechanical & plumbing services/works respectively;
  - b) to establish the new fees to be paid by foreign contractors for registration for the duration of a project.
  
- (iv) Construction Industry Development Board (Registration of Service Providers other than Consultants) Regulations 2018 – These regulations provide for the registration of service providers in the construction industry, other than Consultants and Contractors. These include Computer Aided Design Operators, Technicians and third party certifiers; and
  
- (v) Construction Industry Development Board (Registration of Suppliers) Regulations 2018 – These regulations provide for the registration of suppliers of construction materials and plant and equipment.

## 1.5 Policy Statements

This Ministry is committed to promote gender equity, equal opportunity, social justice and sustainable development as well as to operationalise the National Gender Policy Framework at different levels within its sections.

### 1.5.1 Gender Cell

A Gender Cell had been set up on 29<sup>th</sup> August 2018 in the Ministry to conduct Gender Awareness campaigns and had interactive sessions to develop a Gender Policy for the Ministry which would enable to:

- explicitly outline the commitment of the Ministry to gender equality;
- integrate men's and women's concerns and experiences into the design, implementation, monitoring and evaluation of policies & programmes;
- promote gender responsive organisational culture; and
- promote women's equal participation with men as decision makers and equal partners in shaping sustainable development in society.

In financial year 2018-2019, a workshop was organised by the Ministry of Gender Equality, Child Development and Family Welfare on Gender Mainstreaming and the designated firm focal point of the Gender Cell of the Ministry of Public Infrastructure and Land Transport attended the workshop to enhance the capacity in identifying gender issues.

Furthermore, a two-day capacity building workshop was organised in June 2019 by the Ministry with the collaboration of the Gender Mainstreaming Consultant, Mrs. Arlette Iyakaremye Nyinaminkindi of Rwanda. The training workshop aimed at building the staff and cadres capacities for gender mainstreaming in policy cycle focusing on the public infrastructure sector.

### 1.5.2 Anti-Corruption Policy (Public Infrastructure Division)

In line with the Public Sector Anti-Corruption Framework, an Anti-Corruption Committee was set up to oversee corruption risks and to deter malpractices that would cause impediment on the good functioning of the operational activities of the Public Infrastructure Division. In financial year 2018-



2019, the Ministry designed the Anti-corruption policy manual which was distributed to all its staff personnel aiming at sensitising the fight against corruption in the Public Sector.

### 1.5.3 Composition of the Anti-Corruption Committee

<b>Officers</b>	<b>Grade</b>	<b>Responsibility</b>
Mr D. Allagapen	Permanent Secretary	Chairperson
Mr P. Mawah	Deputy Permanent Secretary	Member
Mr G. Bundhooa	Deputy Permanent Secretary	Member
Mr C. Chooramun	Director, Architecture	Member
Mr T. Parbhunath	Director, Civil Engineering	Member
Mr A. Saroo	Ag Director, Mechanical Engineering.	Member
Mr. S. Ramdyal	Director, Quantity Surveying	Member
Mr A. Dumur	Deputy Director, Energy Services Division	Member
Mr C. Lacloche	Manager, Human Resource	Member
Mr S. Pentayah	Manager, Procurement Section	Member
Mrs S. Govinden	Manager, Financial Operations	Member
Mr. M. Oree	Manager, Internal Control	Member
Mr. K. Koonjal	Representative of the ICAC and Chief Corruption Prevention Officer	Ex-Officio
Mr C. Arlanda	Assistant Permanent Secretary	Secretary

## 1.6 About our People

### 1.6.1 Staffing Structure – 2018/2019

The Public Infrastructure Division had, as at 30 June 2019, a total of **1252 employees** in the different grades:

Grade	No. of Male Staff	No. of Female Staff	Total No. of Staff
Professional Cadre and Technical Grades	265	27	292
Inspectorate Cadre	34	4	38
Pre-Registration Trainee Engineer (Civil, Mechanical, Electrical and Architect)	19	6	25
Administrative Cadre	6	4	10
HR Cadre	2	10	12
Finance Cadre	-	12	12
Procurement and Supply Cadre	8	6	14
Internal Control Cadre	1	3	4
Officers from CISD	-	2	2
Safety and Health Officer	1	-	1
Secretarial Class	-	31	31
General Services	35	131	166
Printing Class	-	2	2
Workmen's Class	560	74	634
Machine Minder/Senior Machine (Bindery)	-	1	1
Senior Adviser on Project Monitoring	1	-	1
Adviser on Public Relations Matters	1	-	1
Architect on contract	1	-	1
Geotechnical Expert on Contract	1	-	1
Youth Employment Programme	-	3	3
Service to Mauritius Intern	1	-	1
<b>Total</b>	<b>936</b>	<b>316</b>	<b>1252</b>

### 1.6.2 Vacancies filled

- 156 vacancies were filled during financial year 2018/2019 in the different grades as listed below: -

Grades	Mode of Recruitment			
	Public Service Commission	Ministry of Civil Service and Administrative Reforms	Under delegated Authority	Ministry of Finance and Economic Development
Professional Cadre and Technical Grades	33	-	-	-
Administrative Cadre		-	-	-
Inspectorate Cadre	3	-	-	-
Finance Cadre	-			1
Secretarial Class	-			
General Service	-	20	-	-
Workmen's Class	1		98	
<b>Total</b>	<b>37</b>	<b>20</b>	<b>98</b>	<b>1</b>

### 1.6.3 Retirement

- 36 Officers/employees proceeded on retirement during financial year 2018/2019 as indicated hereunder: -

Grades	No. of Male Staff	No. of Female Staff	Total No. of Staff
Professional Cadre and Technical Grades	2	-	2
Inspectorate Cadre	1	-	1
General Services	2	1	3
Workmen's Group	30	-	30
<b>Total</b>	<b>35</b>	<b>1</b>	<b>36</b>

### 1.6.4 Training

During financial year 2018/2019, **185** officers were trained locally whereas **64** officers benefitted from overseas training as follows:

Cadre	Local Training			Overseas Training		
	No. of Male Staff	No. of Female Staff	Total No. of Staff	No. of Male Staff	No. of Female Staff	Total No. of Staff
Civil Engineering Cadre	1	-	1	8	-	8
Architecture Cadre	-	1	1	6	3	9
Mechanical Engineering Cadre				7	-	7
Quantity Surveying Cadre	1	-	1	1	-	1
Electrical Engineering Cadre	10	-	10	10	1	11
Workmen's Group	150	1	151	-	-	-
Technician Cadre	11	-	11	3	-	3
General Services	1	9	10	-	-	-
<b>TOTAL</b>	<b>174</b>	<b>11</b>	<b>185</b>	<b>35</b>	<b>4</b>	<b>39</b>

### 1.6.5 Schemes of Service

Schemes of Service were prescribed during Financial year 2018/2019 as follows: -

SN	Grade	Effective Date
1	Geotechnical Specialist	27 July 2018
2	Geologist	27 July 2018
3	Lead Electrical Engineer, ESD	09 August 2018
4	Plant & Equipment Operator	29 March 2019

### 1.6.6 Employee Relations

Around 2 meetings were held with Employee Trade Unions during Financial Year 2018/19:

SN	DATE	EMPLOYEE TRADE UNION
1	8 & 13 Feb 2019	Energy Services Division Electrician and Other Workers Union (ESDEOWU)
2	28.02.19	FCSOU/CSATSU
3	29.05.19	Government Services Employees Association

### 1.6.7 Others

No. of staff who have enjoyed their passage benefits

Cadre	No.
Professional Cadre and Technical Grades	57
Administrative Cadre	4
Senior Adviser	1
Inspectorate Cadre	8
HR Cadre	3
Finance Cadre	2
Procurement and Supply Cadre	7

Internal Control Cadre	1
General Services	18
Secretarial Class	7
Printing Class	1
Workmen's Class	82
Driver	4
<b>TOTAL</b>	<b>195</b>

- No. of disciplinary cases:

SN	Ground of Disciplinary Action	No. of cases
(i)	Public official using his office for gratification.	2
(ii)	Employees leaving site of work without authorisation	6
(iii)	Employees not abiding to time of arrival/ departure	2

### 1.6.8 Welfare activities

The following activities were carried out by the Ministry of Public Infrastructure Staff

Welfare Association during the Financial Year 2018/2019:

1. Petrin Trail;
2. Bras D'Eau Trail;
3. Excursion (Plaine Champagne - Goyava Plucking, Eau Bleu, La Cambuse beach)
4. Children's Party;
5. Participation in the Annual Kermesse organised by the POWC;
6. Fund raising for medical treatment; and
7. Catamaran Tour to Ilot Gabriel.



## 1.7 Staffing structure of Parastatals falling under this Ministry as at 30 June 2019

### (i) Staffing at Road Development Authority(RDA)

#### Human Resource

#### *Gender Policy*

The RDA is committed to achieving gender justice as a matter of basic human right and fundamental principle. The Authority promotes an enabling environment where both men and women are equally respected and valued. Adopting and incorporating a gender approach in all developmental issues remain a prerequisite to attain full human development.

#### *Staffing at RDA*

As at June 2019, the RDA had a workforce of 447 employees (402 males and 45 females) on establishment with all grades inclusive, disseminated into different sections as per the Organigram. The table below illustrates the detailed staff list of the Authority.

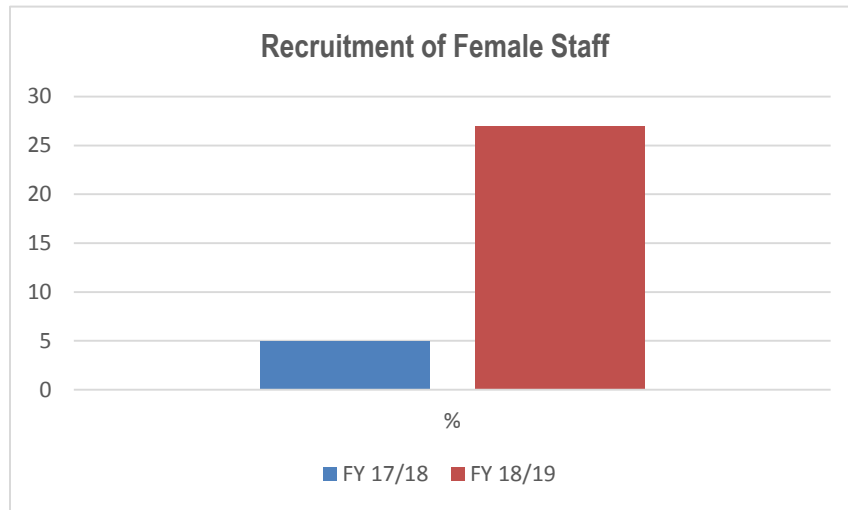
SN	Grade	No. of Female employed	No. of Male employed	No in post
1	Officer in Charge	0	1	1
2	Deputy General Manager	1	0	1
3	Divisional Manager/Assistant Divisional Manager/Senior Manager/Manager	0	23	23
4	Principal Technical Officer/Senior Technical Officer/Technical Officer	0	22	22
5	Head Surveyor/Surveyor	0	5	5
6	Survey Technician	0	3	3
7	Head Survey Field Worker/ Survey Field Worker/ Senior Survey Field Worker	0	9	9
8	Senior Technical Officer /Technical Officer (Lab)	1	3	4
9	Senior Laboratory Attendant/ Laboratory Attendant	2	2	4
10	Senior Technical Design Officer/ Technical Design Officer	0	4	4
11	Superintendent of Works	0	4	4
12	Chief Inspector of Works/ Senior Inspector of Works/Inspector of Works/ Assistant Inspector of Works/ Trainee Assistant Inspector of Works	8	29	36
13	Financial Manager	0	1	1
14	Accountant	0	1	1

15	Senior Accounts Officer/ Accounts Officer/Accounts Clerk	5	3	8
16	Internal Auditor	0	1	1
17	Administrative Manager	0	1	1
18	Administrative Officer	0	1	1
19	Office Superintendent	1	0	1
20	Safety & Health Officer/Senior Safety & Health Officer	0	1	1
21	Confidential Secretary	2	0	2
22	System Analyst /Computer Technician	0	2	2
23	Office Management Assistant	1	2	3
24	Management Support Officer Clerical Officer/Higher Clerical Officer /	12	3	15
25	Senior Word Processing Operator/ Word Processing Operator	3	0	3
26	Senior/Head Office Attendant/ Office Attendant/ Receptionist/Telephone Operator	3	14	17
27	Human Resource Management Officer	1	0	1
28	Senior Human Resource Officer	1	0	1
29	Principal Procurement & Supply Officer/ Senior Procurement & Supply Officer/ Assistant Procurement & Supply Officer	1	2	3
30	Chief Mechanics	0	1	1
31	Manual Grade	2	266	268
	Total	44	404	447

During the year, the RDA recruited 26 new employees (22 on establishment and 4 on contract basis) and promoted 27 employees to higher posts. On the other hand, 8 employees left the organization and this can be attributed to normal attrition, including retirements and resignations.

It is noted that there is a significant disparity in the number of male and female staff at the Authority. The reason for having a higher number of male staff is mainly because of the nature of work at the RDA comprising road construction and repairs. However, the RDA has not remained insensitive to gender equality. It has initiated action to address the issue and has during the last financial year made a significant recruitment/promotion of female employees. The number of female staff recruited/promoted in FY 2018/2019 was much higher (*about 27%*) as compared to FY 2017/2018 which was only 5%. Additionally, one female employee was recruited as Survey Field Worker, post which was so far solely occupied by male staff.





### **Capacity Building**

The RDA is fully committed to building the necessary expertise, devising and executing strategies, processes, systems and practices in the various functional areas. The institution believes in the notion of continuous learning. During the year under review, 55 staff members have had the opportunity to undergo in-house training and 10 staff members were sent abroad in fields related to their duties. The fields in which training was provided to staff were, namely,

- Training on leadership,
- Occupational Safety and Health for Employers/Employees for Parastatal Organisations,
- Managing Growth in the Construction Sector,
- Based courses on procurement,
- Preparation of climate Finance Bankable projects,
- Training and Capacity Building for Microsoft Project,
- Railway on planning & Construction and Management countries under Belt & Road initiative,
- Town Infrastructure construction and Management of Inland Regions for Developing Countries,
- Maintenance of Infrastructure for developing countries,
- Rail Integration and Transport Planning (Innovation in Delivery of Transportation Infrastructure),
- Infrastructure construction Investment and Financing under the Belt and Road Initiative.

RDA intends to optimize on the existing skills and expertise of its personnel and develop creativity at work and sustainability. Hence, these training programmes are designed to improve leadership skills, boost motivation and develop proactiveness of staff.

<b>HR Exercise</b>	<b>No. of Male Staff</b>	<b>No. of Female Staff</b>	<b>Total No. of staff</b>
Recruitment	68	6	74
Promotion	104	-	104
Retirement	8	-	8
Yep / Trainees	13	5	18

**(ii) Staffing at Construction Industry Development Board**

<b>Grade</b>	<b>No. of Officers</b>
<b>Executive Director</b>	1
<b>Manager, Corporate Services</b>	1
<b>Manager, Technical Services</b>	2
<b>Technical Executive</b>	2
<b>Accounting Technician</b>	1
<b>Technical Coordinator</b>	2
<b>IT Support Officer</b>	1
<b>Management Support Officer</b>	6
<b>WPO / Receptionist</b>	2
<b>Handy Worker / Driver</b>	2
<b>Total</b>	<b>20</b>

## PART II - ACHIEVEMENTS AND CHALLENGES

### 2.1 Major Achievements

#### 2.1.1 Road Projects:

##### (i) Completed Projects

- 8 Major Road Projects were completed in Financial Year 2018-2019 as follows:

SN	Project Name	Project Value	Project Status / Implementation Details
1	Design and Construction of Fort William-Port Road <i>(Ease access to the Port area)</i>	75.1	Works Completed
2	Construction of Decaen Flyover, Port Louis <i>(Road Decongestion entrance of Capital)</i>	377	Works Completed
3	Third lane from Jin-Fei to Port. <i>(Road Decongestion)</i>	330.5	Works Completed
4	Realignment and Widening at Salazie along B96 (improve geometry and safety)	25	Works Completed
5	Upgrading of Albion Bridge <i>(Address flooding problems and improve geometry)</i>	15	Works Completed
6	Reprofilling of L'Amaury Road <i>(improve geometry and safety and road decongestion)</i>	25.0	Works Completed
7	Construction of Glen Park Robinson Link Road <i>(Road Decongestion)</i>	43.8	Works Completed
8	Repair of Embankment Failure on Terre Rouge Verdun <i>(Part of the road got cracked and was closed for safety reasons)</i>	485.7	Works at completion stage. 95% completed



Decaen Flyover



Repairs to embankment failure Terre Rouge Verdun

**(ii) Ongoing Projects**

SN	Project Name	Project Value	Project Status / Implementation Details
1	<b>Upgrading of Pointe aux Sable Road at Petit Verger</b> ( <i>Improve geometry and safety and road decongestion</i> )	114.6	Works Ongoing. 50% completed
2	<b>Design and Construction of a bypass at Cap Malheureux</b> ( <i>Road decongestion</i> )	207.3	Works Ongoing. 50% completed
3	<b>Construction of La Croisette New Link Road</b> ( <i>Road decongestion</i> )	100	Works Ongoing 10 %
4	<b>A1-A3 Link Road</b> ( <i>Link to A1- M1 bridge- interface with metro and reduce congestion</i> )	294.8	Works Ongoing. 27% completed
5	<b>Rehabilitation of Ste Marie Bridge, Bel Ombre</b> ( <i>address flooding problems and improve geometry</i> )	64.2	Works Ongoing. 50% completed
6	<b>Improvement of bend at Nouvelle Decouverte</b> ( <i>improve geometry and safety and road decongestion</i> )	83.2	Contract awarded. Works starting July 2019.
7	<b>Reconstruction of B104 (Baie du Cap-Chamarel Case Noyale) road at Chamarel</b> ( <i>improve geometry and safety and road congestion</i> )	100.0	Consultancy Stage
8	La Vigie - La Brasserie Link Road- Beau Songes Link Road - Phase 1. ( <i>Road Decongestion</i> )	574	Procurement & Land Acquisition Stage



Construction of A1-A3 link Road

**(iii) Maintenance Works****Maintenance and Rehabilitation of Roads**

Once a road is constructed, it is of utmost importance for same to be properly maintained to restore its usage in safety and comfort. While the RDA has embarked on new road projects, it endeavours to maintain its existing road network. Over the last year, a total amount of around Rs 737 M has been used for the maintenance and rehabilitation of the road network falling under the purview of the Authority whilst an initial budget of Rs 600 M was provided. The additional amount has been disbursed by the Ministry of Finance and/or reallocation of budget as a result of savings made in other capital projects.

Over and above the routine and periodic maintenance done through the district offices, the Maintenance Section of the RDA has undertaken the following minor projects with a view to upgrade roads and bridges. These are summarised in the table below indicating funds allocated for the whole island:

Sn	Routine and Periodic Maintenance Activities		Amount of funds allocated (MUR Million)
1.	Routine Maintenance		25
2.	Periodic Maintenance	Resurfacing and strengthening of damaged stretch of main roads	265
		Rehabilitation of Bridges and Culverts	45
		Improvement of Safety and Provision of new safety features (Traffic Signs, Guard Rails, road marking, etc)	29
		Improvement of existing roads (geometric alignment and shoulders)	150
		Implementation of new traffic schemes	100.7
		Construction of footpath and drains	105
		Construction of retaining walls and construction of new roads	53
Total			772.7

*Amount of funds used for Routine and Periodic Maintenance (in Rs millions)*

District	Riviere du Rempart	Pamplemousses	Moka	Flacq	Grand Port	Savanne	Port Louis	Black River	P/Wilhelms	Total
Footpath/m	2500	1400	-	400	-	1800	1200	900	2300	10,500
Road Marking/m	5000	4500	2300	3700	1500	1500	2300	4000	1000	25,800
Resurfacing/m	12600	7000	8600	7300	7400	8000	10000	16800	7800	85,500
Handrails/m	-	40	50	50	50	50	-	-	50	290
Traffic Signs/m	-	39	-	59	158	-	-	-	-	256
Guardrails/Jersey Barrier/m	-	-	800	-	300	700	-	-	600	2400
Junctions Improved/No	1	-	1	1	-	-	-	-	1	4
Bridges/No	-	-	-	-	1	-	-	1	1	3

*Works carried out in individual districts*

### **Inputs for Clearances/Permits/EIA**

RDA has maintained its full collaboration with other service providers and undertakers. It has issued wayleaves/clearances to utility providers (CWA, CEB, Wastewater Management Authority, Mauritius Telecom etc.) as part of the overall development of the island and ease the daily life of citizens. As there were cases of poor reinstatement by some service providers, RDA has taken appropriate measures to address the problem. Additionally, RDA is undertaking motorway crossings, for instance at Trianon, for passage of utility pipes in the region.

With regards to infrastructural developments mainly morcellements and other property developments, the RDA has continued its support towards such type of development and has during the past year examined a number of EIAs and provided clearances to them through the Morcellement Board. These are summarized in the table below:

Subject	Number processed
Environmental Impact Assessment (EIA)	284
Environment Monitoring Plan (EMP)	89
Major Developments	410
Minor Developments	616
<b>TOTAL</b>	<b>1,399</b>

### Status on Implementation of Key Actions:

KEY ACTION	KEY PERFORMANCE INDICATOR	TARGET (As per budget estimates)	STATUS
KA 1: Implementation of the Road Decongestion Programme : Jumbo Phoenix Roundabout reconstructed.	20%	14.3% completed.	Works Ongoing
KA 2: Implementation of the Road Decongestion Programme: A1-M1 reconstructed	20%	14.3% completed	Works Ongoing
KA 3: Implementation of the Road Decongestion Programme: Flyover on M1 at Decaen Street Port Louis reconstructed	100%	100% completed	Works Completed
KA 4: Implementation of the Road Decongestion Programme: St Julien By Pass	100%	100% completed	Works Completed

## Risk Management, Citizen Oriented Initiatives & Good Governance

### **Risk Management**

In view to providing assistance in identifying, analysing, assessing, treating, monitoring and communicating top strategic risks, the Risk Management Team has maintained a top risk register which is regularly updated with mitigating actions implemented. Moreover, policies, procedures and practices to the tasks have been reviewed to effectively manage the risks. Additionally, an Audit and Risk Committee which is a subcommittee of the Board, independently reviews the corporate risks and mitigations.

Furthermore, Management Team regularly brainstorms on lessons learned from both - project failures and successful ones to review its processes and systems and capture lessons for future improvement. Besides, a Safety and Health Committee has also been maintained regularly to identify, assess and prioritise safety related risks and hazards to ensure a safe working environment and positive actions being taken.

### **Citizens Oriented Initiatives**

#### ***Complaints Management***

In 2017, the RDA introduced an online Complaint Management System with a view to attending complaints and queries from the public. Additionally, a hot line was introduced to capture complaints and to take applicable measures for quality service to the public. Upon the launching of the Online Citizen Support Portal, administered by the Customer Support Unit (CSU), Prime Minister's Office further complaints were received and dealt accordingly

The complaints management system distributes the complaints received, through the above-mentioned sources, to the different districts for effective management thereof. The complaints are being monitored and followed up regularly without delay. For the past FY, around 509 complaints were received out of which more than 68% have been resolved in the shortest delay. Most of the complaints which have not been resolved so far have been included in future maintenance works and/or forthcoming projects and approval for funds are being sought for implementation.



<b>District</b>	<b>No. of complaint received</b>	<b>No. of complaint Closed</b>	<b>No. of complaint Still Open</b>	<b>Percentage of complaint completed</b>
<b>Black River- Port Louis Roads</b>	41	35	6	85.37%
<b>Flacq Roads</b>	101	49	52	48.51%
<b>Grand Port Roads</b>	99	85	14	85.86%
<b>Moka Roads</b>	87	57	30	65.52%
<b>Pamplemousses Roads</b>	52	34	18	65.38%
<b>Plaine Wilhems Roads</b>	58	30	28	51.72%
<b>Riviere du Rempart Roads</b>	12	8	4	66.67%
<b>Savanne Roads</b>	59	52	7	88.14%
<b>Total</b>	509	350	159	68.76%

## Good Governance

Road Development Authority complies with the principles and practices of Corporate Governance as laid down in the New Code of Corporate Governance of Mauritius (2016).

The principles are incorporated in the policies and procedures adopted by Road Development Authority as good project management practices and in the functioning of the organization.

The Board and Management have also put in place a series of systems and mechanisms to ensure compliance with a view to obtain value for money. It has introduced, amongst others, project review and assurance, Asset Management Operation Plan, Technical Audit and Quality Assurance, and has strengthened the risk management mechanism, Internal Control System and reporting mechanism.

Additionally a Code of Governance Report as per the principles set in the Code of Corporate Governance is incorporated in the Annual Report of Road Development Authority and submitted to the National Audit Office to ensure compliance.

## **Implementation Plan - Director of Audit Comments**

The Director of Audit in its report dated 30 April 2019 stated that the Financial Statements gave a true and fair view of the financial position of the Road Development Authority as at 30 June 2018, and of its financial performance and its cash flows for the year then ended, in accordance with International Public Sector Accounting Standards. Nevertheless, Road Development Authority endeavors to continuously improve its policies and procedures value for many in obtaining.

## 2.1.2 Building Construction Projects and Maintenance

320 Construction projects were handled, during Financial Year 2018/2019, by the Technical Sections of the Public Infrastructure Division as follows:

	No. of projects	Estimated Cost/ Contract Value/ Rs M	Amount earmarked under Budget 2018/2019 Rs M
<b>Capital Project having a Public Sector Investment Programme (PSIP) Code</b>	171	3,221.8	1,059
<b>Capital Project <u>not</u> having a Public Sector Investment Programme (PSIP) Code</b>	128	149.7	-
<b>Project by Consultants</b>	21	12,561	2,147
<b>Total</b>	<b>320</b>	<b>15,932.5</b>	<b>3,206</b>

### Number of projects per Sector:

		Education Sector	Health Sector	Police Department	Other Ministries	Total
<b>PSIP</b>	<b>Construction Stage</b>	26	7	7	19	<b>59</b>
	<b>Tender Stage</b>	21	4	3	5	<b>33</b>
	<b>Design Stage</b>	42	9	4	8	<b>63</b>
	<b>Design yet to start</b>	8	4	2	2	<b>16</b>
					<b>Total</b>	<b>171</b>
<b>Non-PSIP</b>	<b>Construction Stage</b>	5	4	1	9	<b>19</b>
	<b>Tender Stage</b>	4	6	0	8	<b>18</b>
	<b>Design Stage</b>	14	23	9	28	<b>74</b>
	<b>Design yet to start</b>	2	6	2	7	<b>17</b>
					<b>Total</b>	<b>128</b>

**Value of Projects per sector/ Rs:**

		<b>Education Sector</b>	<b>Health Sector</b>	<b>Police Department</b>	<b>Other Ministries</b>	<b>Total</b>
<b>PSIP</b>	<b>Construction Stage</b>	775.9	260.3	195.8	336.1	<b>1,568.1</b>
	<b>Tender Stage</b>	1,008.2	163	136.8	345.7	<b>1,653.7</b>
	<b>Design Stage</b>	*	*	*	*	*
	<b>Design yet to start</b>	*	*	*	*	*
<b>Non-PSIP</b>	<b>Construction Stage</b>	24.7	32.7	1.8	48.3	<b>107.5</b>
	<b>Tender Stage</b>	13.1	9.8	0	19.3	<b>42.2</b>
	<b>Design Stage</b>	*	*	*	*	*
	<b>Design yet to start</b>	*	*	*	*	*

*\*Cost estimates are not available for projects at early stage of design or where design is yet to start.*

**Projects by Consultants per sector:**

<b>Ministry/ Departments</b>	<b>Education Sector</b>	<b>Health Sector</b>	<b>Police Department</b>	<b>Other Ministries</b>	<b>Total</b>
<b>No. of projects</b>	0	12	2	7	<b>21</b>
<b>Value of</b>	0	7,314.7	3,792	1,454.3	<b>12,561</b>

### 2.1.3 Geotechnical Unit

The Ministry has set up a Geotechnical Unit to address issues such as rock fall, debris flow, slope failures, landslides, with a view to ensuring that adequate parameters are used in the design of public infrastructures and decreasing the cost of maintaining such infrastructures. The Geotechnical Unit also advises Government on the mitigating and remedial works in regions affected by landslides and other natural disasters, which have now become a recurrent feature in Mauritius as a direct consequence of the effects of climate change.

#### Achievement of Geotechnical Unit Financial Year 2018-2019:

SN	List of projects	Status of project
1	Preparation of Technical Specifications for equipment for the Geotechnical Unit	Preparation of specifications for the equipments was submitted in October 2018. Procurement of equipment being handled at Head Office level
2	Budget preparation for Geotechnical Equipment	Completed
3	Setting up of Geotechnical Unit	Active
4	Monitoring of landslide Prone areas in Mauritius namely; Chitrakoot, Vallee Pitot and Quatre-Soeurs	Active
5	Maintenance and Monitoring of equipment installed on landslide area	Active
6	Monitoring of landslide prone areas and working together with the NDDRMC in rainy period from October to March	Active
7	Relocation process for the 25 Families on landslide prone area at Chitrakoot	Survey completed and matters being taken up by National Disaster and Risk Reduction Centre
8	Relocation process for the 19 Families on landslide prone area at Vallee Pitot	Survey completed and matters being taken up by National Disaster and Risk Reduction Centre
9	Demolition works at Chitrakoot Govt School	Project Completed
10	Demolition of 11 Houses at Quatre-Soeurs Landslide area	Project Completed
11	Mitigation measures to address Rockfall problem at the Signal Mountain	Project in pipeline. Matters to be taken up by Head Office for specialist works to be undertaken from BRGM (Reunion Island)

12	Clearance for application for BLUP License for Vallee des Pretres	Completed
13	Clearance for application for BLUP License for Ballade en foret Ltd	completed
14	Clearance for application for BLUP - Murday Tharoooven Joy	Completed
15	Suspected landslides at Riviere des Anguilles-District of Savanne	Completed
16	Proposed Legend Hill Residential and commercial Complex under PDS AT La Mivoie, Tamarin by Iconic View Ltd	Completed
17	Risk of Rockfall at Morcellement Hermitage	Active
18	EIA Project - Le Paradis de Soreze	Completed
19	Slope Failure and Mudflow at Chamarel	Active
20	Proposed Boat Shaped Panoramic Cliff Restaurant Project at Tombeau Bay by Mauritius Jinfei Economic Trade and Cooperation Zone Co Ltd	Active
21	Risk of landslide at Kewal Nagar	Active
22	Workshop for Regional Platform in Disaster Risk Reduction	Active
23	Gap Analysis report from NDDRMC	Active
24	Anse Jonche EIA Project -Cyan View At Anse Jonchee	Monitoring -Ichikawa
25	Mitigation measures at La Butte	Active
26	Slope stability monitoring on Metro Express Project	Active- Ichikawa
27	EIA project Variation to EIA License Albana IRS Resort	Under Assessment
28	Proposed PDS aux Portes du Rempart	under Assessment
29	Application for BLUP License from Savanne District Council	Under Assessment
30	Dolphin coast Marina Estate Ltd	Under Assessment

## 2.1.4 Central Procurement and Supply Division

Number of Procurement effected:

SN	Type of Bidding exercise / Procurement Method	Quantity
1	Open Advertised Bidding	8
2	Restricted Bidding – RB	20
3	Request for Quotation- RFQ	41
4	Request for Proposal - RFP	1
5	Informal Quotation	279
6	E-procurement	Nil
	<b>Total</b>	<b>349</b>

- Number of Departmental Bid Committee meeting held: 53
- Number of BEC Meeting held: 20
- IRF Challenges: Nil
- Risk Mitigation initiatives: Nil

### Achievement:

<b>Total Number of tenders launched</b>	<b>349</b>
<b>Total Amount disbursed on Procurement</b>	<b>Rs 12, 920,041.80</b>

### Constraint:

No E-Procurement was carried out in financial year 2018-2019 as compared to three (3 exercises) carried out during previous financial year. Prospective bidders were not ready for this type of procurement.

## 2.1.5 Construction Industry

(i) The Construction Industry Development Board (CIDB) registered the following Contractors / Consultants (Local & Foreign) in Financial Year 2018/ 2019:

<b>Contractors</b>	<b>No. Registered</b>
<b>Local Contractor</b>	1414
<b>Foreign Contractor (Provisional)</b>	101
<b>Foreign Contractor (Temporary)</b>	37
<b>Joint Venture Contractor (Provisional)</b>	82
<b>Joint Venture Contractor (Temporary)</b>	9
<b>TOTAL</b>	<b>1643</b>
<b>Consultants</b>	<b>No. Registered</b>
<b>Local Consultant</b>	185
<b>Foreign Consultant (Provisional)</b>	44
<b>Foreign Consultant (Temporary)</b>	15
<b>Joint Venture Consultant (Provisional)</b>	21
<b>Joint Venture Consultant (Temporary)</b>	6
<b>TOTAL</b>	<b>271</b>

(ii) Revenue Generated by CIDB in financial year 2018/2019:

<b>Item of Revenue</b>	<b>Amount Collected (Rs)</b>
<b>Registration Fee</b>	9,423,173
<b>Processing Fee (Local)</b>	407,000
<b>Fees for Temporary Registration</b>	4,559,725
<b>Processing Fee (Foreign)</b>	317,500
<b>Surcharges</b>	126,766
<b>Workshop Fee</b>	2,276,300
<b>Sale of NSOR</b>	6,000
<b>Total</b>	<b>17,116,464</b>



- The CIDB had 20 Council Meetings, 23 meetings on Corporate Development Committee and 23 Technical Development Committee during Financial Year 2018/2019.
- The CIDB organised the following Workshops and training during Financial Year 2018/2019 as follows:

**(iii) Workshops and Training**

One of the functions of CIDB is to develop and promote training programmes for operators of the construction industry. In this respect, CIDB regularly organises workshops/seminars and conferences for its stakeholders, mainly for the consultants and contractors.

During the financial year ended 30 June 2019, the following events were held:

**Training Courses on Building Information Modelling**

Six full-day training sessions on “Building Information Modelling (BIM)” were held from 03 to 08 September 2018. These courses were organized in collaboration with the British Standards Institute (BSI) Group. The courses were held at Voilà Hotel, Bagatelle, in several modules as indicated in the Table below:

<b>Module</b>	<b>Title of Module</b>	<b>Date</b>
1	Building Information Modelling (BIM) Implementation	07 September 2018 (Batch 1) 08 September 2018 (Batch 2)
2	Building Information Modelling (BIM) Fundamentals	03 & 04 September 2018 (Batch 1) 05 & 06 September 2018 (Batch 2)

**Information Session on Arbitration and Mediation**

A two-hour information session on “Efficient use of Arbitration and Mediation Procedures for resolving Disputes related to Construction and Ancillary Contracts” was held on 12 October 2018. This workshop was organized in collaboration with the MCCI Arbitration and Mediation Center (MARC) and was held at the MCCI Office. It was the fourth in a series of workshops that had been initiated during the previous financial year.

### **Training Courses on Fire Safety:**

Four full-day training courses on “Fire Safety” were held from 04 February to 08 February 2019. These courses were MQA approved and were organized in collaboration with the Chartered Institution of Building Services Engineers (CIBSE) (UK). The courses were held at Voilà Hotel, Bagatelle, and comprised several modules as indicated in the Table below:

<b>Module</b>	<b>Title of Module</b>	<b>Date</b>
1	Emergency Lighting to Comply with Fire Safety Requirements BAFE SP203 P4	4 February 2019
2	Fire Detection & Alarm Systems for Buildings BS5839 Part 1	6 February 2019
3	Fire Risk Assessment : PAS 79	7 February 2019
4	Fire Sprinkler Systems : Design to BS EN 12845	8 February 2019

### **Training Courses on FIDIC:**

Four full-day training sessions on ‘FIDIC Conditions of Contract’ were held from 26 to 29 March 2019. These courses were MQA approved and were held in collaboration with the Association of Consulting Engineers Mauritius, which is a member of FIDIC (Fédération Internationale des Ingénieurs-Conseils). The courses were held at Voilà Hotel, Bagatelle, and comprised two modules as indicated in the Table below:

<b>Module</b>	<b>Title of Module</b>	<b>Date</b>
1	The Practical Use of the 1999 FIDIC Conditions of Contract for Construction – Module 1	26 & 27 March 2019
4	Contract Management and Administration of the 1999 FIDIC Conditions of Contract (‘Construction’ and ‘Plant and Design-Build’) – Module 4	28 & 29 March 2019

### **Workshop on CIDB Registration and Health & Safety Issues:**

A half-day Workshop on “CIDB Registration and Health and Safety Issues” was held on 27 June 2019. The Workshop was organized in collaboration with the Ministry of Labour, Industrial Relations, Employment and Training (MLIRET) and was held at the Flying Dodo, Bagatelle.

## 2.1.6 Materials Testing

### The Materials Testing Laboratory:

The Materials Testing Laboratory (MTL) carried out the following tests for Projects of the Government as well as for Private Projects in Financial Year 2018/2019:

Test performed for Year 2018/2019	Total
Aggregates	723
Soil	251
Asphaltic Concrete	2807
Field Test	111
Cubes	7931

Revenue of Rs. 5,303,280 M was collected for the material testing activities.



### 2.1.7 Maintenance of Vehicles, Plant & Equipment and Design & Supervision of Mechanical Component in Buildings projects in financial year 2018-2019

Achievements	2018-19
Number of requests for repairs and maintenance of government vehicles, plant, and equipment attended to	4303
Number of requests for the repair and maintenance of mechanical works in buildings attended to	839
Number of requests for supervision of repair and maintenance of vehicles used by VIP's attended to	1819
Number of accidents where Government and third party vehicles were surveyed	567
Design and supervision of construction of mechanical works	160
Preparation of specifications, evaluations and commissioning of vehicles, plant and equipment procured by ministries/departments (Number of procurement exercises)	53
Counter-examination vehicles acquired duty free involved in accidents and declared as total lost or vehicles modified for handicapped persons. (Number of vehicles examined)	96
Commissioning of new vehicles used by VIP's	40
Number of investigations carry out in fatal and serious road accidents	30

## 2.1.8 Occupational Health and Safety

- **Health and Safety Policy:**  
An Occupational Safety and Health Policy was implemented in November 2017 and is in effect. The Safety and Health Policy has been uploaded on the Ministry's website and was duly communicated to all employees.
- **Safety and Health Audits:**  
For the period Year July 2018- June 2019, 98 safety audits were conducted in all workplaces including Sub-Offices of MPILT (Public Infrastructure Division).
- **Risk Assessment:**  
22 Risk Assessment Exercises, including 5 activity-based risk assessment have been carried out in all Departments/ Divisions/ units to assess risks and make appropriate recommendations accordingly.
- **Training on Safety and Health:**  
9 training sessions, both in- house and on- site have been carried out by this Division on various safety and health topic including fire safety awareness, roles and responsibilities of fire wardens, manual handling, ergonomics for the office environment and control of noise at work.
- **Safety and Health Committees:**  
  
Safety and Health Committees have been established as per requirements of Section 21, 22 and 23 of the OSHA 2005 in three places of works, namely:
  - (i) Head Office, MPILT (P.I Division);
  - (ii) Energy Services Division/Mechanical Engineering Section (merged), and
  - (iii) Phoenix Technical Division.
- **Fire Certificate and Fire Drill Exercises:**  
  
Application for fire certificate for all places of work has been completed and a three monthly meeting has been established to monitor progress.  
  
Fire drill exercises have been carried out in all outstations to ensure compliance with fire safety norms and ensure appropriate fire evacuation in case of fire outbreak.

- Investigations/Complaints:

20 complaints on safety and health issues have been promptly attended and appropriate remedial actions were made through reports for improvement.

8 cases of injury at work are being investigated and a report with appropriate recommendations is tendered through a report of investigation to the Human Resources Sections.

### **2.1.9 Number of Professionals registered as at 30 June 2019:**

The table below shows the number of professionals who registered in the three Councils for the period 1<sup>st</sup> July 2018 to 30 June 2019:

Councils	Number of Professionals Registered
<b>Professional Quantity Surveyor's Council (PQSC)</b>	13
<b>Council of Registered Professional Engineers (CRPE)</b>	45
<b>Professional Architects' Council (PAC)</b>	6

## 2.2 Status of the implementation of budget allocation announced in budget 2018-2019.

### Status on Implementation of Budget Measures:

For the Financial Year 2018/19, out of an allocated budget of Rs 3, 311.9 M, about Rs 2,389.5 M was spent. However, a total sum of Rs 2,389.5 M was spent in the realisation of the different projects (including Road Decongestion Programme, NEF Projects and Maintenance & Rehabilitation of existing roads). This represents about 72% of the amount budgeted. The main reasons for the underspending are as follows:

- The RDA realised savings on its major projects by designing these in-house instead of having recourse to consultants.
- Savings were made in several projects following reduction in cost after bidding exercise.
- Some projects could not be implemented due to various reasons such as delay in acquisition of land or review of the designs.
- Delay in start of the projects due to lengthy procurement procedures including challenges and appeal procedures.

Paragraphs	Measure	Status
121	Construction of the Victoria urban Terminal project	In progress. Expected completion date: October 2021
	Construction of two additional urban terminals at Immigration Square and Rose Hill.	Immigration Square Urban Terminal: Letter of Notification issued to selected promoter. Clearance of UNESCO being awaited to start works.
123	<b><u>Projects under Road Decongestion Programme:</u></b>	
	(i) The fly over at Decaen Street Port Louis.	Completed
	(ii) Third lane on the M2 between Jin Fei roundabout and Port Louis	Completed
	(iii) The Cap Malheureux By pass	In progress – Expected completion December 2019
	(iv) The motor way Terre Rouge Verdun will be made fully operational by December 2019.	Completed

	(v) A fly over across Motorway M1 at Hillcrest Avenue in Quatre Bornes	In progress – Expected completion December 2020
	(vi) The upgrading of Radier St Martin at Bel Ombre	Completed
	(vii) Upgrading of Ebene fly over	Bidding documents being vetted by CPB (Relaunch)
<b>144</b>	<b>Undertake Landslide Management Initiatives:</b>	
	(i) Repair to Terre Rouge Verdun Road-D4 Section	Completed
	(ii) Landslide at Chamarel	Designed completed (under NEF)



### 2.2.1 Status on Implementation of Key Actions

SN	Key Action	Key Performance Indicator	Target	Achievement	Remarks
	<b>Vote 8: MINISTRY OF PUBLIC INFRASTRUCTURE AND LAND TRANSPORT</b>				
	Implementation of the Road Decongestion Programme	Jumbo Phoenix Roundabout reconstructed	20%	14.3%	Works on-going
		A1-M1 bridge constructed	20%	14.3%	Works on-going
		Flyover on M1 at De Caen Street Port Louis constructed	100%	100%	Works completed
		St-Julien By-pass	100%	100%	Works completed

## 2.2.2 Risk Management, Citizen Oriented Initiatives & Good Governance

16 internal audits including 4 follow up exercises were scheduled for the year 2018/2019. As at June 2019, 15 audits and 1 follow up exercise have been completed. (Refer to table below)

SN	Accounts	Project No.
1	Accounts Payable	ICC/MPI/2018-19/11/2
2	Advance and deposit	ICC/MPI/2018-19/57 /7
3	Capital projects	ICC/MPI/2018-19/ 59/9
4	Capital projects	ICC/MPI/2018-19/58/8
5	Compensation of employees	ICC/MPI/2018-19/76/11
6	Human Resources	ICC/MPI/2018-19/121/15
7	Accounts Receivable	ICC/MPI/2018-19/122/16
8	Contract Management	ICC/MPI/2018-19/131/18
9	Capital projects	ICC/MPI/2018-19/193/19
10	Procurement	ICC/MPI/2018-19/219/21
11	Asset Management	ICC/MPI/2018-19/233/22
12	Capital projects	ICC/MPI/2018-19/247/24
13	Warehousing	ICC/MPI/2018-19/270/25
14	Capital projects	ICC/MPI/2018-19/312/27
15	Follow up	ICC/MPI/2018-19/316/28
16	Capital projects	ICC/MPI/2018-19/330/29

10 final reports have been issued during the financial year 2018/2019 and 6 are at draft stage awaiting exit meetings. It is also to be noted that only 81% of the plan (13 audits) have been completed taking into consideration that 2 capital projects are accounted as 1 for each quarter. Only status of recommendations made in one report namely warehousing were verified since several recommendations made in other reports may not be the most appropriate given the context and challenges faced by the Ministry and need to be addressed at a holistic level and not in isolation at the individual operational level such as overhauling of the whole respective system which can only be undertaken over the long run.

## 2.2.3 Director of Audit Comments

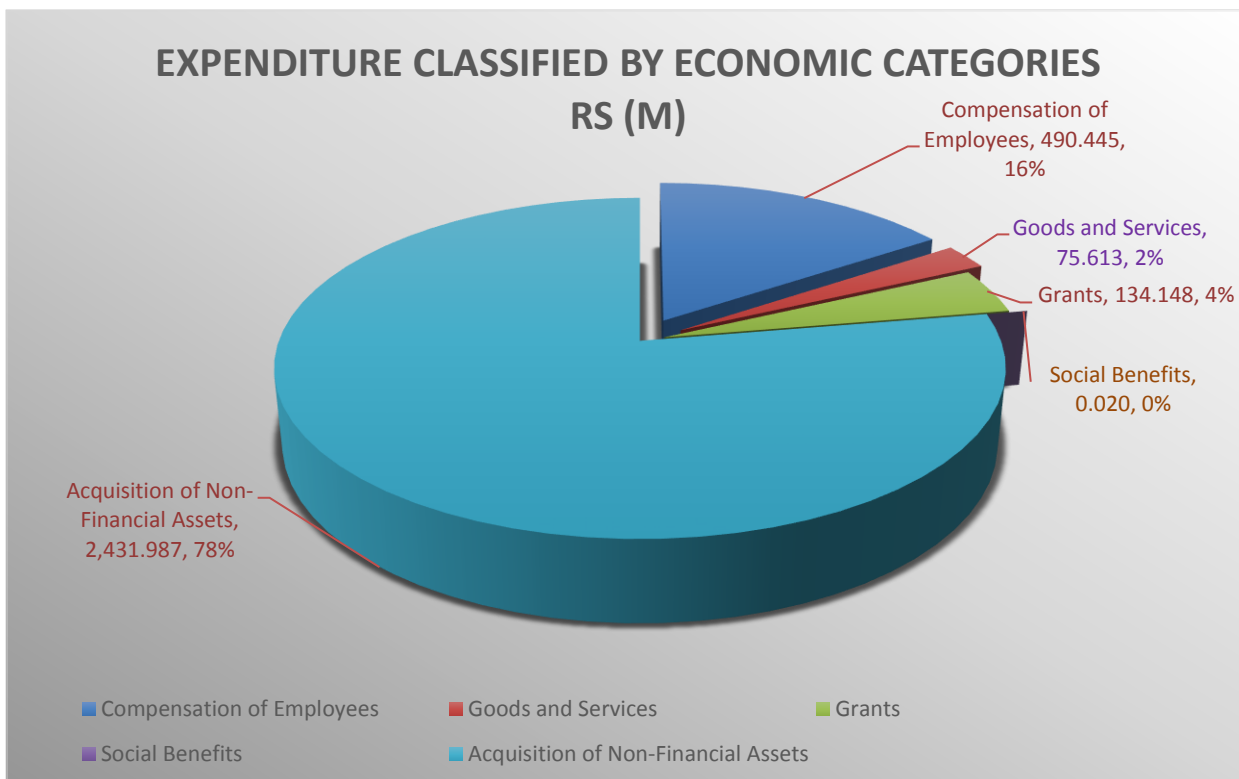
This Ministry has succeeded in achieving an efficient and effective management of the public funds during Financial Year ending 30 June 2019 and no major shortcomings were reported in the Director of Audit (DOA) Report.

## PART III – FINANCIAL PERFORMANCE

### 3.1 Financial Highlights

#### 3.1.1 Overall Expenditure (BY VOTE)

An amount of Rs 3,916 (M) was provided to the Public Infrastructure Division in Budget 2018-2019, out of which Rs 3,132.213 (M) was spent. Details of the expenditure by economic categories are as follows: -



- Compensation of employees is made up of basic salary, salary compensation, allowances, extra assistance, cash in lieu of leave, end of year bonus, wages, travelling and transport, overtime, staff welfare and social contributions.
- Goods and Services are mainly recurrent expenses incurred and include Cost of Utilities, Fuel and Oil, Rent, Office Equipment and Furniture, Office Expenses, Maintenance of buildings, plant and equipment, vehicles and IT equipment, Cleaning Services, Publications and Stationery, Fees, Scientific and Laboratory Equipment and Supplies and other Goods and Services such as Uniforms and Miscellaneous Expenses.
- Grants refer to funds provided to Road Development Authority and CIDB to meet partly their administrative costs.

- Social Benefits pertain to payment of funeral grant to heir or nearest relative who has borne the funeral expenses of a deceased officer still in service.
- Acquisition of Non-Financial Assets represents Upgrading of Office Buildings, Construction and upgrading of Roads, Maintenance and Rehabilitation of Roads and Bridges, Footpaths, Road Marking & Signage, Transport Equipment, Other Machinery and Equipment, Intangible Fixed Assets and Non- Produced Assets.

### 3.1.2 Expenditure by Sub Head

The Public Infrastructure has the following Sub Head under the main vote of Expenditure:

- (i) Sub Head 8-101 : General
- (ii) Sub Head 8-102 : Public Infrastructure Division
- (iii) Sub Head 8-103 : Road Construction and Maintenance
- (iv) Sub Head 8-104 : Electrical Services Division

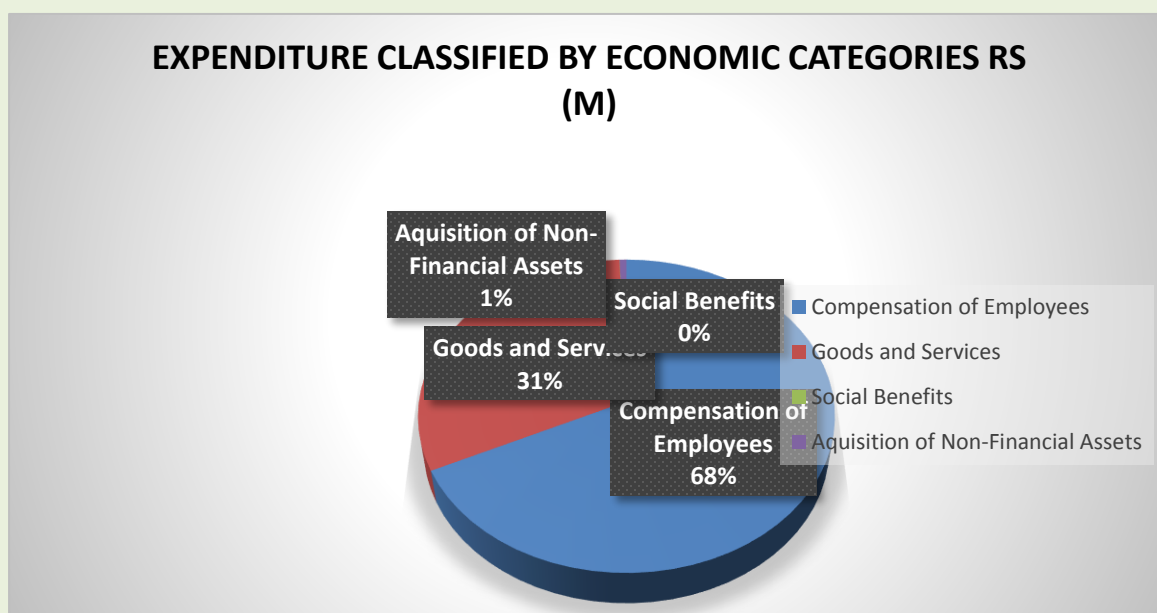
#### **Statement of Expenditure Sub Head 8-101: General**

The total expenditure for the financial year 2018/2019 amounted to Rs 119.271 M representing 85.3 % of the voted estimates as indicated in the Statement of Expenditure in Table 1 below: -

<b>Sub Head of Expenditure 08 - 101</b>	<b>2017-2018 Actual (Rs M) (a)</b>	<b>2018- 2019 Estimates (Rs M) (b) After Virement</b>	<b>2018- 2019 Actual (Rs M) (c)</b>	<b>Increase/Decrease Changes between Actuals (Rs M) (c-a)</b>	<b>Variance from Estimates and Actual 2018- 2019 (Rs M) (b-c)</b>
<b>Compensation of Employees</b>	77.990	82.675	81.050	3.060	1.625
<b>Goods and Services</b>	31.845	42.420	37.515	5.670	4.905
<b>Subsidies</b>	-	-	-	0.000	
<b>Grants</b>	0.000	13.000	0.000	0.000	13.000
<b>Social Benefits</b>	0.080	0.050	0.020	-0.060	0.030
<b>Other Expenses</b>	-	-	-	0.000	
<b>Acquisition of Non- Financial Assets</b>	3.659	1.700	0.686	-2.973	1.014
<b>Acquisition of Financial Assets</b>	-	-	-	0.000	-
<b>Total</b>	<b>113.574</b>	<b>139.845</b>	<b>119.271</b>	<b>5.697</b>	<b>20.574</b>

The breakdown of the total expenditure classified by economic categories is illustrated in the chart below:-

Percentage is based on Actual Expenditure FY 2018-2019 over Total Amount voted FY 2018-2019



<b>Compensation of Employees</b>	<b>81.050</b>	<b>67.95%</b>
<b>Goods and Services</b>	37.515	31.45%
<b>Social Benefits</b>	0.020	0.02%
<b>Acquisition of Non-Financial Assets</b>	0.686	0.58%
		100.00%

Economic Category	2017-2018 Actual (RsM)	2018-2019 Actual (RsM)	Changes between Actuals (RsM) (%)
Compensation of Employees	77.99	81.05	4%
Goods and Services	31.85	37.52	18%
Grants	0	0	0%
Social Benefits	0.08	0.02	-75%
Acquisition of Non-Financial Assets	3.660	0.686	-81%
<b>Total</b>	<b>113.58</b>	<b>119.276</b>	<b>5%</b>

**Analysis of major changes:**

- (i) Compensation of Employees - The increase between the actuals is due to payment of increment and salary compensation and filling of funded vacancies. The Increase in salary due to payment of increment and salary compensation has a direct impact on the other items falling under 'Compensation of Employees ' such as allowance, bonus and overtime. The variance between estimates and actual 2018-2019 is attributed mainly due to delay in filling funded vacancies.
- (ii) Grants - The change between the estimate and the actual 2018-2019 is due to the fact that the Construction Industry Development Board has met all its recurrent expenditure from the revenue generated from the registration of contractor.
- (iii) Social Benefits - The change between the estimate and the actual 2018-2019 is due to a decrease in the number of deceased officers.
- (iv) Acquisition of Non-Financial Assets-The change between the estimate and the actual 2018-2019 is due to the fact that procurements procedures of some of the IT equipment were not possible before the end of the financial year.

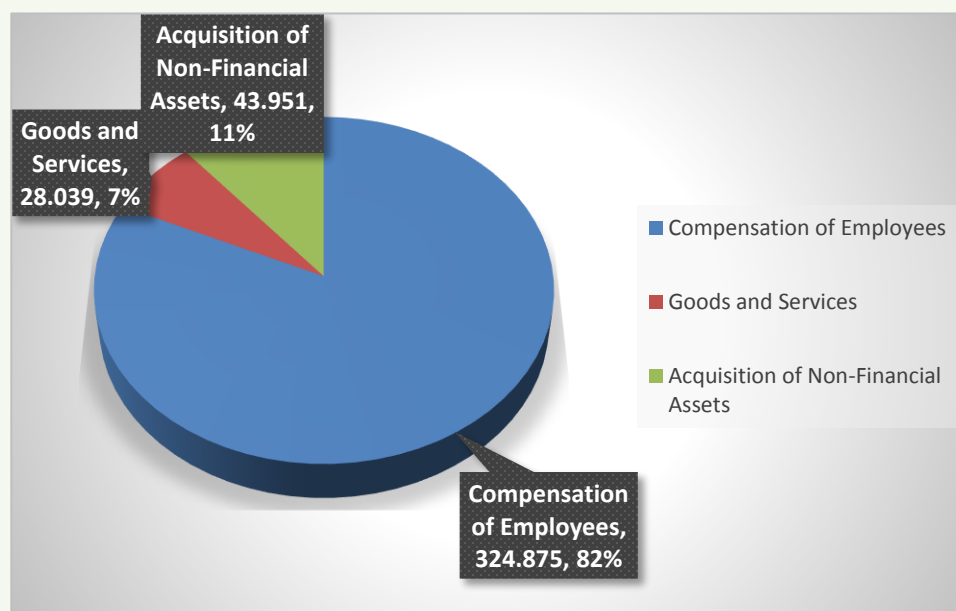
**Statement of Expenditure Sub Head 8-102: Public Infrastructure Division**

The total expenditure for the financial year 2018/2019 amounted to Rs 396.865 M representing 76.2% of the voted estimates as indicated in the Statement of Expenditure in Table 2:

**Statement of Expenditure**

<b>Table 2</b>					
<b>Sub Head of Expenditure 08 - 102</b>	<b>2017-2018 Actual (Rs M) (a)</b>	<b>2018-2019 Estimates (Rs M) (b)</b>	<b>2018-2019 Actual (Rs M) (c)</b>	<b>Increase/Decrease Changes between Actuals (Rs M) (c-a)</b>	<b>Variance from Estimates and Actual 2018-2019 (Rs M) (b-c)</b>
Compensation of Employees	322.242	371.775	324.875	2.633	46.900
Goods and Services	23.398	36.500	28.039	4.641	8.461
Subsidies	-	-			-
Grants	-	-			-
Social Benefits	-	-			-
Other Expenses	-	-			-
Aquisition of Non-Financial Assets	58.727	112.600	43.951	-14.776	68.649
Acquisition of Financial Assets	-	-	-		-
<b>Total</b>	<b>404.367</b>	<b>520.875</b>	<b>396.865</b>	<b>-7.502</b>	<b>124.010</b>
<b>The breakdown of the total expenditure classified by economic categories is illustrated in the chart below :-</b>					
<b>Percentage is based on Actual Expenditure FY 2018-2019 over Total Expenditure FY 2018-2019</b>					
Compensation of Employees	324.875	81.86%			
Goods and Services	28.039	7.07%			
Acquisition of Non-Financial Assets	43.951	11.07%			
<b>TOTAL</b>	<b>396.865</b>	<b>100.00%</b>			

### Expenditure classified by Economic Categories:

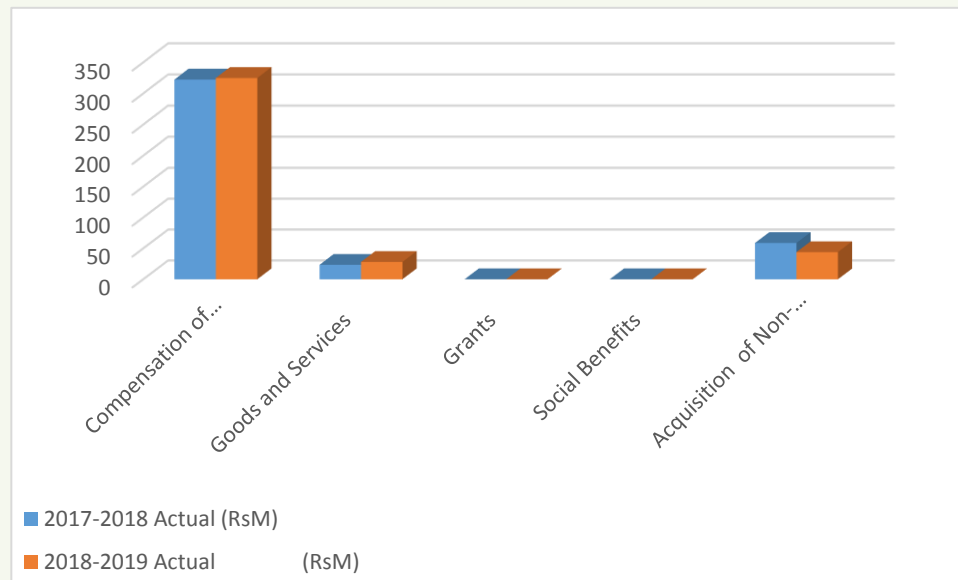


- Compensation of employees is made up of Basic Salary, Salary Compensation, Allowances , Extra Assistance , Cash in lieu of leave, End of year Bonus, Wages, Travelling and Transport, Overtime , Staff Welfare and Social Contributions
- Goods and Services consist of Cost of Utilities, Fuel and Oil, Rental of vehicles & Equipment, Office Equipment and Furniture, Office Expenses, Maintenance of buildings , plant and equipment, vehicles and IT equipment, Cleaning Services, Publications and Stationery, Fees, Scientific and Laboratory Equipment and Supplies and Other Goods and Services such as Uniforms and Miscellaneous Expenses.
- Acquisition of Non-Financial Assets represents Upgrading of Office Buildings, Refurbishment of Emmanuel Anquetil Building , Acquisition of vehicles , IT Equipment, i.e. Installation of Electronic time recorder in sub office, Acquisition of Geotechnical Equipment, Computerisation project of Phoenix Technical Division, Acquisition of software and Rehabilitation works for Landslide Management.



**Sub Head 8-102**

<b>Economic Category</b>	<b>2017-2018 Actual (RsM)</b>	<b>2018-2019 Actual (RsM)</b>	<b>Changes between Actuals (RsM)</b>
<b>Compensation of Employees</b>	322.242	324.875	-2.633
<b>Goods and Services</b>	23.398	28.039	-4.641
<b>Grants</b>	0	0	0
<b>Social Benefits</b>	0	0	0
<b>Acquisition of Non-Financial Assets</b>	58.727	43.951	14.776
<b>Total</b>	<b>404.367</b>	<b>396.865</b>	<b>7.502</b>

**Sub-head 08-102 Comparison of Actuals**

**Analysis of major changes.**

(i) Compensation of Employees -The increase between the actuals and the estimates 2018-2019 is mainly due to filling of vacant posts and to payment of increments and salary compensations which entails increase in travelling & allowances.

(ii) Goods and Services - The variance between the estimates and actual 2018-2019 is due to more amount required than expected in respect of Maintenance of Building and Grounds, payment for laboratory apparatus and supplies as there was a delay in the supply of this item during financial year 2017-2018.

(i) Acquisition of Non- Financial Assets - The major changes between the estimates and the actuals 2018-2019 is due to:

(i) The project for the "Supply and Installation of New Generator Set at EAB" was not implemented due to the inability of the supplier to order spare parts from abroad on time.

(ii) The refurbishment of the Electrical System -main low panel at EAB has not been able to be implemented in the Financial Year 2018-2019 due to the inability of the supplier to perform the work.

(iii) The project "Acquisition of Geotechnical Equipment" was cancelled as there was no potential bidder.

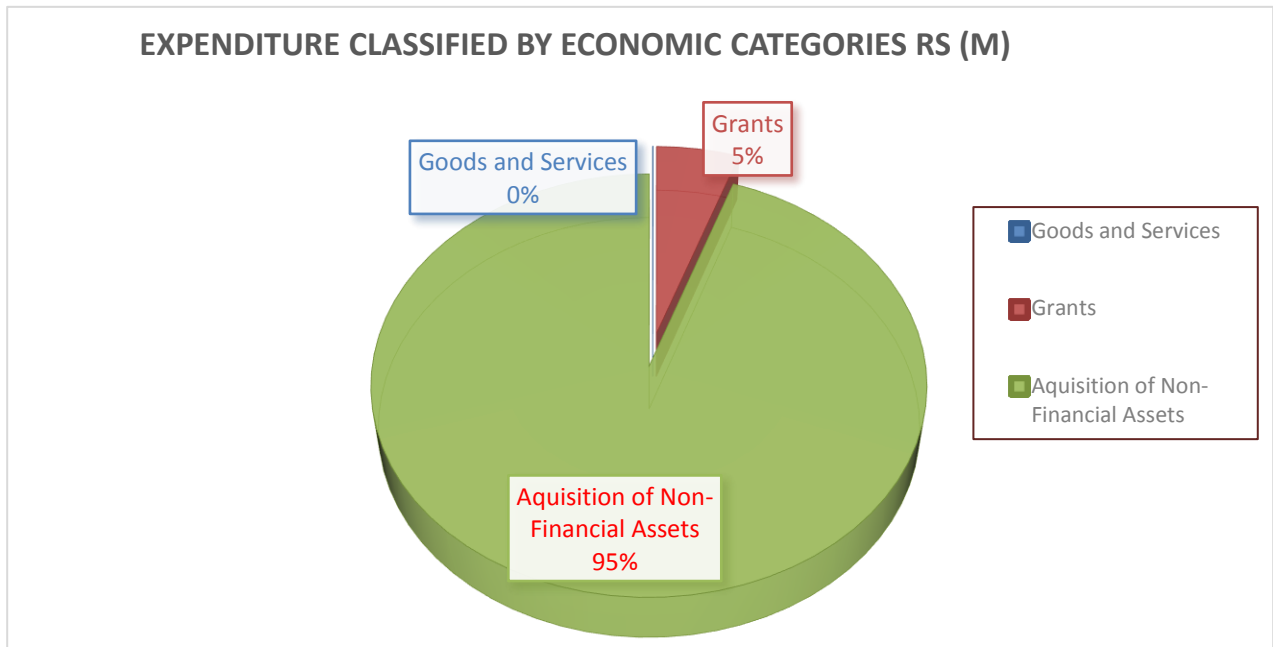
### Statement of Expenditure Sub Head 8-103 Road Construction and Maintenance

The total expenditure for the Financial year 2018/2019 amounted to Rs2,519.162 M representing 80.1% of the voted estimates as indicated in the Statement of Expenditure in Table below

Sub Head of Expenditure 08 -103	2017-2018 Actual (Rs M) (a)	2018-2019 Estimates (Rs M) (b)	2018-2019 Actual (Rs M) (c)	Increase/Decrease Changes between Actuals (Rs M) (c-a)	Variance from Estimates and Actual 2018-2019 (Rs M) (b-c)
Compensation of Employees	-		-		-
Goods and Services	0.827	10.300	0.730	-0.097	9.570
Subsidies	-	-	-		-
Grants	145.932	148.000	134.148	-11.784	13.852
Social Benefits	-	-	-		-
Other Expenses	-	-	-		-
Aquisition of Non-Financial Assets	2,330.659	2,985.600	2,384.284	53.625	601.316
Acquisition of Financial Assets	-	-	-		-
<b>Total</b>	<b>2,477.418</b>	<b>3,143.900</b>	<b>2,519.162</b>	<b>41.744</b>	<b>624.738</b>

The breakdown of the total expenditure classified by economic categories is illustrated in the chart below :-

**Percentage is based on Actual Expenditure FY 2018-2019 over Total Expenditure FY 2018-2019**

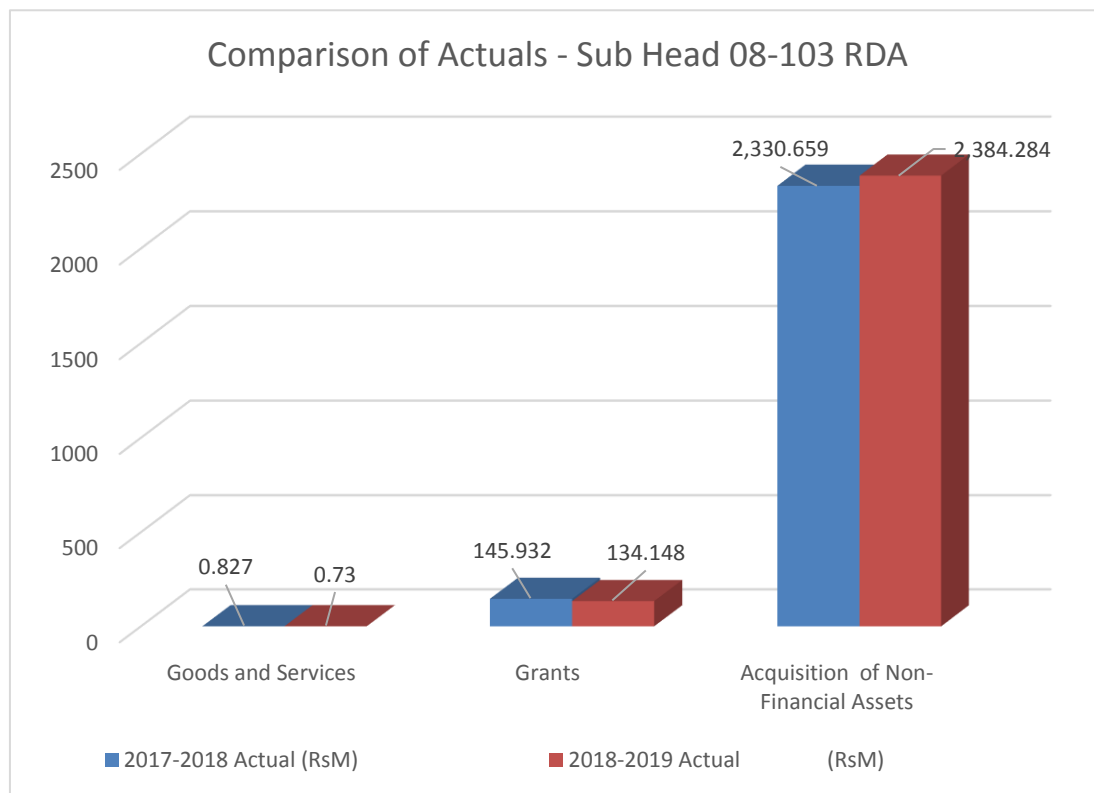


**Goods and Services** consist of license in connection with Road Management System and studies and Surveys.

**Grants** consist of grant for funding partly the administrative costs of the Road Development Authority.

**Acquisition of Non-Financial Assets** represents Upgrading of Office Buildings, Construction and Upgrading of Roads, Construction and Upgrading of Bridges, Maintenance and Rehabilitation of Road and Bridges, Footpaths and Road Marking & Signage, Acquisition of vehicles and of other machinery and equipment.

<b>'Road Construction and Maintenance'</b>			
		<b>Sub Head 8-103</b>	
<b>Economic Category</b>	<b>2017-2018 Actual (RsM)</b>	<b>2018-2019 Actual (RsM)</b>	<b>% changes between Actuals (RsM)</b>
Goods and Services	0.827	0.73	-11.73%
Grants	145.932	134.148	-8.07%
Acquisition of Non-Financial Assets	2,330.659	2,384.284	2.30%
<b>Total</b>	<b>2477.418</b>	<b>2,519.162</b>	<b>1.68%</b>



**Analysis of Major Changes:**

As highlighted in the charts above, the major change in the overall expenditure of Vote 8-103 'Road Construction and Maintenance' is regarding the "Acquisition of Non-Financial Assets". There is a major increase which is due to investment in various capital projects under the different Sub Heads, namely: -

<b>SN</b>	<b>Sub Head</b>	<b>Projects</b>	<b>Project Value (RsM)</b>	<b>Actual Expenditure 2017-2018 (RsM)</b>	<b>Actual Expenditure 2018-2019 (RsM)</b>
1	8-103 'Road Construction and Maintenance'	Construction of large and complex road projects including :-			
		(i) Flyover at De Caen Street, Port Louis (C0571)	377	149.715	199.996
		(iv) Repair of embankment failure on Terre Rouge Verdun Road (C0616)	326	75.116	140.074
		Piling Works	153	0	145.207
		Cap Malheureux Bypass	208	0	39.519
		Hillcrest Flyover ,Quatre-Bornes	318	0	39.264
		La Croisette New Link Road	50.00	0	16.229

## Statement of Expenditure Sub Head 8-103 Road Construction and Maintenance

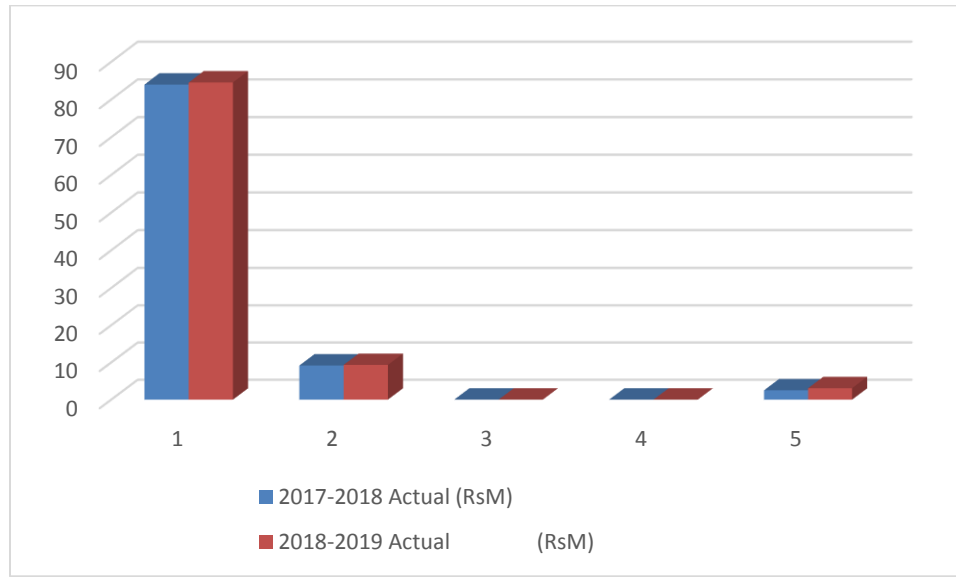
The total expenditure for the Financial year 2018/2019 amounted to Rs 96.915 M representing 87.01% of the voted estimates as indicated in the Statement of Expenditure in Table 4

### Statement of Expenditure

<i>Sub Head of Expenditure 08 - 104</i>	<i>2017- 2018 Actual (Rs M) (c)</i>	<i>2018- 2019 Estimates (Rs M) (b)</i>	<i>2018- 2019 Actual (Rs M) (c)</i>	<i>Increase/Decrease Changes between Actuals (Rs M) (c-a)</i>	<i>Variance from Estimates and Actual 2018- 2019 (Rs M) (b-c)</i>
<i>Compensation of Employees</i>	83.949	96.340	84.520	0.571	11.820
<i>Goods and Services</i>	9.172	10.740	9.329	0.157	1.411
<i>Subsidies</i>	-	-	-		-
<i>Grants</i>	-	-	-		-
<i>Social Benefits</i>	-	-	-		-
<i>Other Expenses</i>	-	-	-		-
<i>Aquisition of Non- Financial Assets</i>	2.502	4.300	3.066	0.564	1.234
<i>Acquisition of Financial Assets</i>	-	-	-		-
<b>Total</b>	<b>95.623</b>	<b>111.380</b>	<b>96.915</b>	<b>1.292</b>	<b>14.465</b>

<b>Sub Head 8-104</b>			
<b>Economic Category</b>	<b>2017-2018 Actual (RsM)</b>	<b>2018-2019 Actual (RsM)</b>	<b>Changes between Actuals (RsM)</b>
Compensation of Employees	83.949	84.52	-0.571
Goods and Services	9.172	9.329	-0.157
Grants	0	0	0
Social Benefits	0	0	0
Acquisition of Non-Financial Assets	2.502	3.066	-0.564
<b>Total</b>	<b>95.623</b>	<b>96.915</b>	<b>-1.292</b>

### Sub-head 08-104 Comparison of Actuals:



#### Analysis of major changes.

**(i) Compensation of Employees** - The increase between the actuals is due to payment of increment and salary compensation. The increase in salary due to payment of increment and salary compensation has a direct impact on the other items falling under 'Compensation of Employees' such as allowance, bonus and overtime. The variance between the Estimates and the actual 2018-2019 is due to delay of filling of funded vacancies.

**(ii) Goods and services** - The variance between the estimates and the actual 2018-2019 is due to lesser expenditure has been incurred under item Maintenance plant and equipment, IT equipment, vehicles and ground and, security services.

**(iii) Acquisition of Financial Assets** - The variance between the Estimates and Actual 2018-2019 is due mainly to that lesser amount has been required than expected in respect of purchase of vehicles, IT equipment and software.

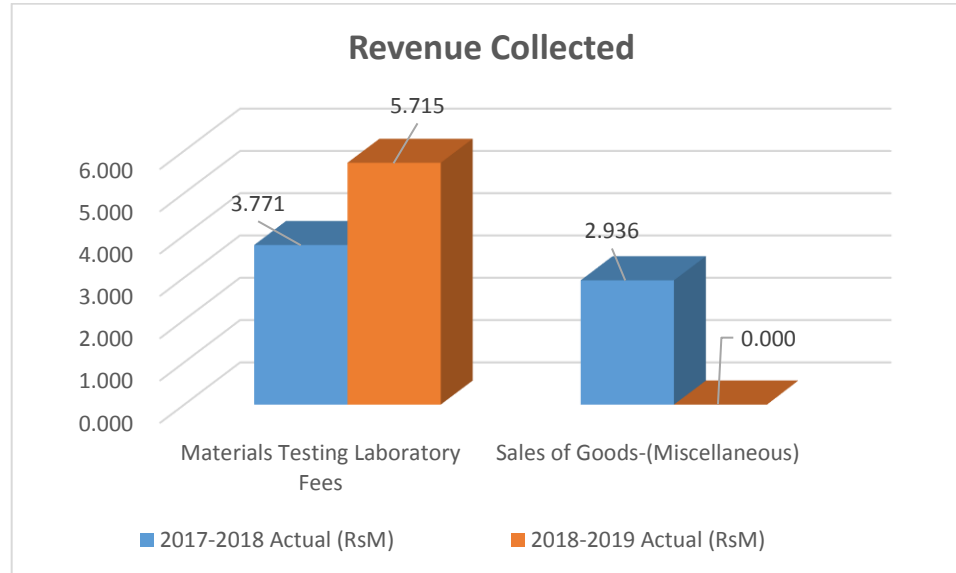


## Revenue

The Public Infrastructure Division collects revenue from Materials Testing Laboratory fees and miscellaneous sales of goods and services. The total revenue collected for the financial year 2018-2019 amounted to Rs 5.715 (M)

### Statement of Revenue:

	2017-2018 Actual (RsM) (a)	2018-2019 Estimates (RsM) (b)	2018-2019 Actual (RsM) (c)	Increase/Decrease changes between Actuals (Rs M) (c-a)	Variance from Estimates and Actual 2018- 2019 (Rs M) (b-c)
	Rs M	Rs M	Rs M	Rs M	Rs M
Materials Testing Laboratory Fees	3.771	4.000	5.715	1.944	(1.715)
Sales of Goods- (Miscellaneous)	2.936	0.100	0.000	(2.936)	0.100
<b>Total</b>	<b>6.707</b>	<b>4.100</b>	<b>5.715</b>	<b>(0.992)</b>	<b>(1.615)</b>



The change between the actuals is due to the fact that the amount collected is based on the number of tests carried out by the Material Testing Laboratory and sales of Goods received from auction sale.

### **3.2 SWOT analysis of all sections including trends and challenges**

- Qualified Professionals
- Highly knowledgeable about Government Infrastructural projects
- Customer oriented
- Efficient project management
- Performance driven

## **S**trength



- Rigid and lengthy procedures
- Lack of expertise in specialised fields such as geotechnical engineering, sustainable green structure and restoration of old/ historical buildings
- Aging workforce which results in a low productivity
- Limited resources

## **W**eakness



- Use of technology to improve productivity
- Investment in research and development
- Standardisation of products/ services in the construction sector
- Man power planning
- Increased partnership with private sector
- Boom in Construction Sector

## **O**pportunities



- Closure and outsourcing of activities of the technical sections
- Rising cost in construction industry
- Brain drain
- Vulnerability of the country
- Undue political interference
- Economic downturn
- Covid- 19 and International context

## **T**hreat



### 3.3 Strategic Direction

To create the physical infrastructure that measure up to the vision of the future, the medium strategies of this Ministry are as follows:

