

2017/2018

**Ministry of Public Infrastructure
& Land Transport (PI Division)**



**Annual Report
For Financial Year
July 2017 to June 2018**

Contents

| | |
|--|----|
| PART I – ABOUT THE MINISTRY | 1 |
| 1.1 Vision, Mission and Core Values | 1 |
| 1.2 Message from the Honourable Minister of Public Infrastructure and Land Transport | 4 |
| 1.3 Statement of the Senior Chief Executive | 5 |
| 1.4 Our Roles and Functions..... | 6 |
| 1.4.1 Our Key Functions..... | 6 |
| 1.4.2 Our Sections..... | 8 |
| 1.4.3 Senior Staff | 9 |
| 1.4.4 Parastatals falling under our responsibility..... | 12 |
| 1.4.5 Statutory bodies falling under our responsibility | 16 |
| (a) The Professional Architects’ Council (PAC)..... | 16 |
| (b) The Professional Quantity Surveyors’ Council (PQSC)..... | 16 |
| (c) The Council of Registered Professional Engineers (CRPE)..... | 17 |
| (d) Building Control Advisory Council..... | 17 |
| 1.5 Our Key legislations | 18 |
| 1.5.1 Amendments to Legislation | 19 |
| Building Control (Accessibility and Gender Compliance in Buildings) Regulations 2017 | 19 |
| 1.6 Policy Statements..... | 20 |
| 1.6.1 Gender Cell..... | 20 |
| 1.6.2 Anti-Corruption Policy (Public Infrastructure Division)..... | 20 |
| 1.7 About our People | 21 |
| 1.7.1 Staffing Structure – 2017/2018..... | 21 |
| 1.7.2 Vacancies filled..... | 23 |
| 1.7.3 Retirement..... | 23 |
| 1.7.4 Training..... | 24 |
| 1.7.5 Schemes of Service..... | 24 |
| 1.7.6 Employee Relations | 25 |
| 1.7.7 Others..... | 25 |
| 1.8 Staffing structure of Parastatals falling under this Ministry as at 30 June 2018..... | 27 |
| PART II - ACHIEVEMENTS AND CHALLENGES | 29 |
| 2.1 Major Achievements..... | 29 |
| 2.1.1 Road Projects:..... | 29 |
| 2.1.2 Building Construction Projects and Maintenance..... | 36 |
| 2.1.3 Landslide Management..... | 38 |
| 2.1.4 Construction Industry | 39 |
| 2.1.5 Materials Testing | 40 |

| | | |
|--|---|----|
| 2.1.6 | Maintenance of Vehicles, Plant & Equipment and Design & Supervision of Mechanical Component in Buildings projects | 41 |
| 2.1.7 | Specific Electrical Engineering Services | 41 |
| 2.1.8 | Occupational Health and Safety..... | 42 |
| 2.1.9 | Number of Professionals registered as at 30 June 2018: | 44 |
| 2.1.10 | Welfare activities | 44 |
| 2.2 | Status of the implementation of budget measures announced in budget 2017-2018..... | 45 |
| 2.3 | Status on Implementation of Key Actions | 46 |
| 2.4 | Risk Management, Citizen Oriented Initiatives & Good Governance..... | 47 |
| 2.5 | Director of Audit Comments | 50 |
| PART III – FINANCIAL PERFORMANCE | | 51 |
| 3.1 | Financial Highlights..... | 51 |
| 3.1.1 | Overall Expenditure (BY VOTE) | 51 |
| 3.1.2 | Expenditure by Sub Head | 53 |
| 3.1.3 | Revenue | 55 |
| 3.2 | Analysis of Major Changes and variances..... | 57 |
| 3.2.1 | Statements of Expenditure & Analysis of major changes..... | 57 |
| 3.3 | Analysis | 59 |
| 4.1 | SWOT analysis of all sections including trends and challenges..... | 60 |
| 4.2 | Strategic Direction | 61 |

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 Message from the Honourable Minister of Public Infrastructure and Land Transport



Mauritius is experiencing the most prestigious and ambitious infrastructural and land transport projects undertaken by any Government since independence. The Ministry of Public Infrastructure and Land Transport is instrumental to this phenomenal development.

The construction sector, after the negative growth experienced over the period 2011 to 2015 and no growth in 2016, has now picked up and for this year the sector has recorded a growth rate of 9.5%. It is the engine that stimulates the development of an economy providing the basis upon which the other sectors can grow, by constructing the physical facilities required for the production and distribution of goods and services.

We are rebuilding Mauritius, providing it with state of the art infrastructure and modern means of transport so that we can leave a legacy for our future generations for which they can be proud of.

I hope that this Annual Report, which gives an insight on the roles and key functions of the Public Infrastructure Division of my Ministry and Departments under its purview, will be a very useful reference document.

Hon. Nandcoomar Bodha, G.C.S.K
Minister of Public Infrastructure and Land Transport

1.3 Statement of the Senior Chief Executive



It is my great pleasure to be associated with the publication of the Annual Report 2017/2018 of the Public Infrastructure Division of the Ministry of Public Infrastructure and Land Transport.

The Report provides information on the allocation and use of human and financial resources made available to the Ministry, the achievements reached and the challenges ahead. It also provides useful information for all our stakeholders and the public at large on the services offered by the Ministry.

It is the duty of every public officer to ensure that resources provided by the National Assembly should be used judiciously for the fulfillment of the mandate of the Ministry/ Department. This is in line with the commitment of Government for greater accountability in the public sector. In this respect, it is noteworthy that there has been no adverse report from the Director of Audit.

The Technical sections of the Ministry have been providing consultancy services to Ministries/Departments for the timely execution of their infrastructural projects, for the acquisition of plant, equipment and vehicles as well as for the repair and maintenance of buildings and vehicles.

The Road Development Authority has been involved in the construction of new roads as well as maintenance and repair of the existing road network to improve connectivity and ensure that same is safe and efficient for use. The RDA has also embarked upon the vast Road Decongestion Programme to ease traffic flow, particularly in the urban regions.

The Public Infrastructure Division has also been at the helm of the projects for the modernization of the Urban Bus Terminals which will pave the way for modern, aesthetic and eco-friendly structures integrating connectivity, shopping areas as well as leisure activities.

I seize this opportunity to express my sincere appreciation to the Honourable Minister of Public Infrastructure and Land Transport for his vision and guidance for the implementation of the mandate of the Ministry. My thanks go also to all the staff of the Public Infrastructure Division for their support and collaboration in meeting our objectives and responding to the changing demands of our customers.

Jean Maxy Simonet
Senior Chief Executive

1.4 Our Roles and Functions

1.4.1 Our Key Functions



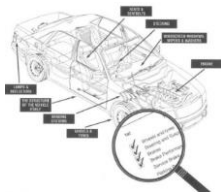
We provide professional services to Ministries/Departments in the design, execution, monitoring and supervision of Government infrastructural projects in compliance with established rules and regulations.



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.

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

1.4.3 Senior Staff

| NAME | JOB TITLE | CONTACT NO. | EMAIL ADDRESS |
|------------------------------|--|-------------|---------------------|
| ADMINISTRATIVE CADRE | | | |
| Mr. J.M. Simonet | Senior Chief Executive | 201 3580 | jmsimonet@govmu.org |
| Mr. S. Ragen | Permanent Secretary | 208 0922 | sragen@govmu.org |
| Mrs. Z.B Auladin-Auckburally | Deputy Permanent Secretary | 2170324 | zauladin@govmu.org |
| Mr. P. Mawah | Deputy Permanent Secretary | 2107270 | pmawah@govmu.org |
| Mr. G. Bundhooa | Deputy Permanent Secretary | 210 7271 | gbundhooa@govmu.org |
| Mrs. Z. Gaungoo | Assistant Permanent Secretary | 210 6085 | zegaungoo@govmu.org |
| Mrs. T. Codadeen | Assistant Permanent Secretary | 210 8699 | trozun@govmu.org |
| Mr. R. Emrith | Assistant Permanent Secretary | 211 4733 | raemrith@govmu.org |
| Mr. V. Joysuree | Assistant Permanent Secretary | 217 3587 | vjoysuree@govmu.org |
| Mr. V. Ramtohul | Assistant Permanent Secretary | 211 0757 | vramtohul@govmu.org |
| Mr. J. Arlanda | Assistant Permanent Secretary | 213 1726 | jarlanda@govmu.org |
| HUMAN RESOURCE CADRE | | | |
| Mr. Y. Umarkhan | Manager, Human Resources (Period : 23 March 2013 to 19 July 2017) | | yumarkhan@govmu.org |
| Mr. L. Christian Lacloche | Manager, Human Resources (19 July 2017 to date) | 213 6891 | llacloche@govmu.org |
| Mr. M. Ramburn | Assistant Manager, Human Resources | 212 9685 | mramburn@govmu.org |

| | | | |
|-------------------------------------|---|-----------|-------------------------|
| Mrs. M. Gungah | Assistant Manager, Human Resources | 212 9789 | mgungah@govmu.org |
| Miss N. B. Peerbocus | Assistant Manager, Human Resources | 208 0281 | npeerbaccus@govmu.org |
| FINANCE CADRE | | | |
| Mr. J.K Kasary | Manager, Financial Operations (As from 01.07.2017 to 26.03.2018) | 216 8148 | jkasary@govmu.org |
| Mrs. S. Govinden | Manager, Financial Operations (As from 27.03.2018 to date) | 216 8148 | sgovinden@govmu.org |
| Mrs. B. Ruthnum | Assistant Manager, Financial Operations | 216 4857 | bruthnum@govmu.org |
| Mrs. N. Murugan | Assistant Manager, Financial Operations (As from 06.06.2018 to date) | 240 3178 | nmurugan@govmu.org |
| PROCUREMENT AND SUPPLY CADRE | | | |
| Mr. R.C Rughooputh | Manager, Procurement and Supply (As from 01.07.2017 to 06.09.2017) | 217 8072 | rcvrughooputh@govmu.org |
| Mr. B.Seetul | Manager, Procurement and Supply | 5752 6234 | bseetul@govmu.org |
| Mrs. H. Ghoorun | Assistant Manager, Procurement and Supply | 217 8065 | heghoorun@govmu.org |
| Mr. R. Mudun | Assistant Manager, Procurement and Supply | 212 9344 | - |
| INTERNAL CONTROL | | | |
| Mr. M. N. Jaffur | Assistant Manager Internal Control (As from 1.09.2016 to 4.02.2018) | Ext 301 | mnjaffur@govmu.org |
| Mrs. D. Ramsamy | Assistant Manager Internal Control (As from 28.03.2018 to 2.07.2018) | Ext 301 | dramsamy@govmu.org |
| Mr. P. Ramphul | Assistant Manager Internal Control (As from 5.02.2018 to date) | Ext 301 | pramphul@govmu.org |
| INTERNAL CONTROL | | | |

| TECHNICAL CADRE | | | |
|---------------------------------------|--|----------|-----------------------|
| ARCHITECT SECTION | | | |
| Mr. S.K. Padya | Director [As from 07.07.2017-05.07.2017] | 696 6413 | spadya@govmu.org |
| Mr. C. Chooramun | Director [As from 16.05.2018 to date] | 696 6413 | cchooramun@govmu.org |
| Mrs. S. Jaypal | Deputy Director | 686 6376 | smjaypal@govmu.org |
| Mr P.K. Domah | Deputy Director [As from 16.05.2018- to date] | 686 4198 | domahp@gmail.com |
| CIVIL ENGINEERING SECTION | | | |
| Mr. T. Parbhunath | Director (As from 06.07.2017 to date) | 601 1600 | tparbhunath@govmu.org |
| Mr. R. Ramdhan | Deputy Director (As from 06.07.2017 to date) | 601 1600 | rramdhan@govmu.org |
| QUANTITY SURVEYING SECTION | | | |
| Mr. S. K. Ramdyal | Director (As from 9.01.2004 to date) | 660 0052 | sramdyal@govmu.org |
| Mr. A. N. Domun | Deputy Director (As from 04.04.2006 to date) | 660 0054 | andomun@govmu.org |
| MECHANICAL ENGINEERING SECTION | | | |
| Mr. S. Chunnoo | Director (As from 30.11.2001 to 11.12.18) | 210 7720 | schunnoo@govmu.org |
| Mr. A.H. Saroo | Deputy Director (As from 6.06.2006 to 10.01.2019) | 212 5275 | asaroo@govmu.org |
| ENERGY SERVICES DIVISION | | | |
| Mr. A. Dumur | Temporary Deputy Director (As from 9.06.2017 to date) | 217 8556 | adumur@govmu.org |

1.4.4 Parastatals falling under our responsibility

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 |
| Dr D. Mootanah | Officer - in-Charge | 467 8600 | dmootanah@rda.intnet.mu |

- **Composition of RDA Board:**

The composition of the Board as at 30th June 2018 was as follows:

| Name | Designation |
|-----------------------------------|---|
| Mr. Claude Emmanuel Wong So – OSK | Chairman |
| Mr. Swaminathan Ragen | Representative of the Ministry of Public Infrastructure and Land Transport (Public Infrastructure Division) |
| Mr. Saeed Mahmad Jewon | Representative of the Ministry of Public Infrastructure and Land Transport (Land Transport Division) |
| Mr. Varun Krishn | Representative of the Prime Minister’s Office |
| Mr. Ajay Ramdhany | Representative of the Ministry of Finance and Economic Development |
| Mr. Vijay Kumar Dawon | Representative of Commissioner of Police |
| Mr. Jimmy Mayotte | Appointed Member |
| Mr. Shah Nawaz A R Paraouty | Appointed Member |
| Mr. Beejaye Somai | Appointed Member |
| Mr. N. Mowlabaccus | Officer in Charge, RDA |
| Mr. Kedurnath Ramphul | Secretary, RDA |



(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 |
|-----------------------|-----------------------------|-----------------|------------------------|
| Mrs. N. Daby Seesaram | Chairperson of CIDB Council | 213 1357 | nadiaseesaram@cidb.biz |
| Mr. Ram Bahadoor | Executive Director | 211 7878 | rambahadoor@cidb.biz |

• **Composition of CIDB Council:**

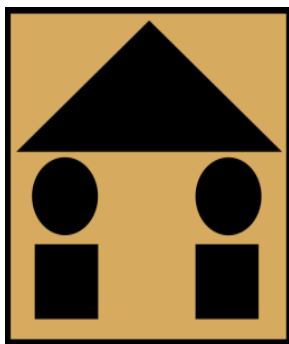
The composition of Council members as at 30 June 2018 was as follows:

| Name | Designation |
|--------------------------|---|
| Mrs. Nadia Daby-Seesaram | Chairperson |
| Mr. P. Mawah | Representative of Ministry responsible for the subject of Public Infrastructure |
| Mr. Y. Pathel | Representative of Ministry responsible for the subject of Environment |
| Mr. A. Teeluckdharry | Representative of Ministry responsible for the subject of Local Government |
| Mr. S. Pokun | Representative of Professional Architects' Council |
| Mr. S. Daliah | Representative of Council of Registered Professional Engineers of Mauritius |
| Mr. S. Ragoon | Representative of Professional Quantity Surveyors' Council |
| Mr. G. Moorghen | Appointed by the Minister as a person having wide experience in the construction industry |
| Mr. N. Pougnet | Representative of Association of Contractors for Building and Civil Engineering Works |
| Mr. S. Ramsurrun | Representative of Association of Contractors for Mechanical and Electrical Works |
| Mr. G. C. J. Uckoor | Representative of SMEs of the Construction Sector |

1.4.5 Statutory bodies falling under our responsibility

There are also three statutory bodies falling under this Ministry which regulate the profession of Architects, Quantity Surveyors and Engineers respectively, namely:

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



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

Composition of main members of the PAC as at 30 June 2018 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
 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 2018 was as follows:

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

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

Phone: (+230) 698-8376

Email: engineeringcouncil@mail.gov.mu

Address: Council of Registered Professional Engineers
 c/o Civil Engineering Section
 Ministry of Public Infrastructure and Land Transport
 Phoenix,
 Mauritius



Composition of main members of the CRPE as at 30 June 2018 was as follows:

| Name | Designation |
|---------------------|----------------|
| Mr. S. Daliah | Chairman |
| Mr. I. Lachmansingh | Vice- Chairman |
| Mr. N.K. Ujoodha | 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 2018 was as follows:

| SN | Name | Designation | Ministry /Department /Organisation |
|----|----------------------------------|------------------------------------|---|
| 1. | Mr. S. MOOTANAH (Chairperson) | Professional Architect | Architecture & Design Ltd |
| 2. | Mr. P. MAWAH | Deputy Permanent Secretary | Ministry of Public Infrastructure and Land Transport (PI DIV) |
| 3. | Mrs. B.K. APPADOO | Lead Architect | Ministry of Public Infrastructure and Land Transport (PI DIV) |
| 4. | Mr. D.JAHAJEEAH | Deputy Director Technical Services | Ministry of Energy and Public Utilities |

| | | | |
|-----|---------------------|--|--|
| 5. | Mrs. N.D. MANIC | Environment Officer | Ministry of Social Security, National Solidarity and Environment and Sustainable Development |
| 6. | Mr. R. HEMOO | Planning Executive | Ministry of Local Government |
| 7. | Mrs. G. ROSUNEE | Deputy Chief Town & Country Planning Officer | Ministry of Housing and Lands |
| 8. | Mr. L. PALLAN | Chief Fire Officer | Mauritius Fire and Rescue Service |
| 9. | Mr. K. SOORUTH | Technical Officer | Energy Efficiency Management Office |
| 10. | Mr. R. BAHADOOR | Executive Director (CIDB) | Construction Industry Development Board |
| 11. | Mr. A. GUNGOOSINGH | Engineer | Representative of Council of Registered Professional Engineers of Mauritius |
| 12. | Mr. V. NUCKCHEDDY | Quantity Surveyor | Representative of Mauritius association of Quantity Surveyors |
| 13. | Mr. P. SADDUL | Associate Professor | Consultant in Environment Issues |
| 14. | Mr. Y. TACKOPERSADH | Head of General Insurance Claims Jubilee Insurance (Mauritius) | Jubilee Insurance (Mauritius) |
| 15. | Mrs. Z. GAUNGOO | Assistant Permanent Secretary | Ministry of Public Infrastructure and Land Transport (PI DIV) |

1.5 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 profession of quantity surveyors and promote advancement in the field of quantity surveying

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

To regulate and control the profession 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

1.5.1 Amendments to Legislation

Building Control (Accessibility and Gender Compliance in Buildings) Regulations 2017

In conformity with the Building Control Act, the Building Control (Accessibility and Gender Compliance in Buildings) Regulations have been promulgated and are effective since 1 November 2017.

The Regulations provide for new designated buildings or existing buildings requiring extensive alterations, to be constructed in a manner so as to ensure that:

- (i) Persons with impaired mobility and communication, elderly persons and pregnant women are able to have access to and use the buildings and their facilities within comfortable norms; and
- (ii) Gender specific requirements are integrated in the buildings.

1.6 Policy Statements

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

1.6.1 Gender Cell

A Gender Cell has been set up in the Ministry to conduct Gender Awareness campaigns and have 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.

1.6.2 Anti-Corruption Policy (Public Infrastructure Division)

In line with the Public Sector Anti-Corruption Framework, an Anti-Corruption Committee has been 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.

1.6.2.1 Composition of the Anti-Corruption Committee

| Officers | Grade | Responsibility |
|------------------|---|-----------------------|
| Mr S. Ragen | Permanent Secretary | Chairperson |
| Mr P. Mawah | Deputy Permanent Secretary | Member |
| Mr G. Bundhooa | Deputy Permanent Secretary | Member |
| Mr R. Emrith | Assistant Permanent Secretary | Member |
| Mr C. Choramun | Director, Architecture | Member |
| Mr T. Parbhunath | Director, Civil Engineering | Member |
| Mr A. Saroo | Ag Director, Mechanical Engineering. | Member |
| Mr. S. Ramdial | Director, Quantity Surveying | Member |
| Mr A. Dumur | Temporary Deputy Director, Energy Services Division | Member |
| Mr C. Lacroche | Manager, Human Resource | Member |

| | | |
|-----------------|---|------------|
| Mr B. Seetul | Manager, Procurement Section | Member |
| Mrs S. Govinden | Manager, Financial Operations | Member |
| Mr. P. Ramphul | Assistant 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 |

1.7 About our People

1.7.1 Staffing Structure – 2017/2018

- The Public Infrastructure Division had at 30 June 2018, a total of **1228** staff in the different grades as follows:

| Grade | No. of Male Staff | No. of Female Staff | Total No. of staff |
|---|-------------------|---------------------|--------------------|
| Professional Cadre and Technical Grades | 269 | 24 | 293 |
| Inspectorate Cadre | 36 | 5 | 41 |
| Pre-Registration Trainee Engineer (Civil, Mechanical, Electrical and Architect) | 22 | 3 | 25 |
| Administrative Cadre | 8 | 3 | 11 |
| HR Cadre | 2 | 10 | 12 |
| Finance Cadre | - | 12 | 12 |
| Procurement and Supply Cadre | 8 | 4 | 12 |
| Internal Control Cadre | 2 | 4 | 6 |
| Officers from CISD | - | 2 | 2 |
| Safety and Health Officer | 1 | - | 1 |
| Secretarial Class | - | 33 | 33 |
| General Services | 39 | 115 | 154 |
| Printing Class | - | 2 | 2 |
| Workmen's Class | 540 | 73 | 613 |
| 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 Advisor | 1 | - | 1 |
| Youth Employment Program | 1 | 4 | 5 |
| Service to Mauritius Intern | 1 | - | 1 |
| Total | 933 | 295 | 1228 |

1.7.2 Vacancies filled

- A total of **140** vacancies were filled during financial year 2017/2018 in various grades as indicated below:

| Grade | Mode of Recruitment | | | |
|---|---------------------------|---------------------------|--|--|
| | Public Service Commission | Under delegated Authority | Ministry of Civil Service and Administrative Reforms | Ministry of Finance and Economic Development |
| Professional Cadre and Technical Grades | 41 | - | - | - |
| Administrative Cadre | 1 | - | - | - |
| Inspectorate Cadre | 5 | - | - | - |
| Finance Cadre | - | - | - | 1 |
| Secretarial Class | - | - | 7 | - |
| General Service | - | - | 16 | - |
| Chief Tradesman | 5 | - | - | - |
| Workmen's Class | 6 | 56 | 2 | - |
| Sub Total | 58 | 56 | 25 | 1 |
| Total | 140 | | | |

1.7.3 Retirement

In all, **65** officers belonging to various grades proceeded on retirement on grounds of age during financial year 2017/2018 as indicated hereunder:

| Grades | No. of Male Staff | No. of Female Staff | Total No. of staff |
|---|-------------------|---------------------|--------------------|
| Professional Cadre and Technical Grades | 3 | - | 3 |
| Inspectorate Cadre | 2 | - | 2 |
| General Services | 5 | 5 | 10 |
| Secretarial Class | - | 2 | 2 |
| Workmen's Group | 48 | - | 48 |
| Total | 58 | 7 | 65 |

1.7.4 Training

During financial year 2017/18, **112** officers from various Cadres were trained locally whereas **21** other officers benefited 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 | 15 | 5 | 20 | 7 | 1 | 8 |
| Architecture Cadre | 13 | 2 | 15 | 7 | 2 | 9 |
| Mechanical Engineering Cadre | 10 | - | 10 | 4 | - | 4 |
| Quantity Surveying Cadre | 14 | 1 | 15 | - | - | - |
| Electrical Engineering Cadre | 10 | - | 10 | - | - | - |
| Technician Cadre | 12 | - | 12 | - | - | - |
| Workmen's Group | 30 | - | 30 | - | - | -- |
| TOTAL | 104 | 8 | 112 | 18 | 3 | 21 |

1.7.5 Schemes of Service

5 Schemes of Service for Professional Grades were prescribed during Financial Year 2017/2018 with effect from various dates as follows:

| SN | Grade | Effective Date |
|----|--------------------------|-----------------|
| 1 | Lead Engineer | 03 October 2017 |
| 2 | Lead Mechanical Engineer | 03 October 2017 |

| | | |
|----------|------------------------|-----------------|
| 3 | Lead Quantity Surveyor | 30 October 2017 |
| 4 | Lead Architect | 30 October 2017 |
| 5 | Principal Architect | 13 June 2018 |

1.7.6 Employee Relations

Around 10 meetings were held with the various Employee Trade Unions during Financial Year 2017-18:

| S/N | DATE | EMPLOYEE TRADE UNION |
|-----|------------|--|
| 1 | 08.11.2017 | Energy Services Electrical and Other Unions (ESEOWU) |
| 2 | 23.11.2017 | GSEA (Electrical Branch) |
| 3 | 27.11.2017 | Energy Services Division Inspector Technicians Association (ESDITA)/GSEA |
| 4 | 08.02.2018 | ESDITA/GSEA |
| 5 | 07.02.2018 | ESEOWU |
| 6 | 02.03.2018 | ESDITA |
| 7 | 26.04.2018 | ESDITA |
| 8 | 29.05.2018 | ESEOWU/All Workers Trade Union Federation |
| 9 | 07.06.2018 | Government Services Employees Association (GSEA) |

1.7.7 Others

- No. of staff who have enjoyed their passage benefits

| Cadre | No. of Staff |
|-----------------------------------|--------------|
| Professional and Technical Grades | 62 |
| Inspectorate Cadre | 3 |
| Administrative Cadre | 3 |
| HR Cadre | 1 |
| Finance Cadre | 1 |
| Procurement and Supply Cadre | 3 |
| Internal Control Cadre | 1 |
| Secretarial Class | 3 |

| | |
|------------------|------------|
| General Services | 29 |
| Workmen's Class | 132 |
| TOTAL | 238 |

- No. of requests for leave without pay processed

| Cadre | No. of Staff |
|-----------------------------------|---------------------|
| Professional and Technical Grades | 13 |
| Inspectorate Cadre | 3 |
| General Services | 5 |
| Workmen's Class | 3 |
| TOTAL | 24 |

- No. of disciplinary cases

| SN | Ground of Disciplinary Action | |
|-------------|---|-----------|
| (i) | Public official using his office for gratification. | 1 case |
| (ii) | Drug dealing with aggravating circumstance | 1 case |

- Obituaries

| SN | Name of Officer | Grade | Years of Service |
|--------------|--|--|-------------------------|
| (i) | Late Mr. Toolsy Kumar BAICHOO | Technical and Mechanical Officer | 27 |
| (ii) | Late Mrs. Premilah HARRADON | Office Auxiliary/Senior Office Auxiliary | 8 |
| (iii) | Late Mr. Sewlall SENRUNDON | Security Guard | 30 |
| (iv) | Late Mr. Tulsidas TEELUCK | Typewriter Mechanic | 35 |
| (v) | Late Mr. Jacques Jules Manfred LAVERDURE | Assistant Mason | 20 |
| (vi) | Late Mr. Kistna VYTHELINGUM | Electrician | 29 |

1.8 Staffing structure of Parastatals falling under this Ministry as at 30 June 2018

(i) Staffing at Road Development Authority

| Grade | No. of Male Staff | No. of Female Staff | Total No. of staff |
|---|-------------------|---------------------|--------------------|
| Professional Cadre and Technical Grades | 57 | 2 | 59 |
| Inspectorate Cadre | 28 | 6 | 34 |
| Pre-Registration Trainee Engineer (Civil, Mechanical, Electrical and Architect) | 11 | 5 | 16 |
| Administrative Cadre | 4 | - | 4 |
| Human Resource Cadre | 0 | 2 | 2 |
| Finance Cadre | 4 | 7 | 11 |
| Procurement and Supply Cadre | 2 | 1 | 3 |
| Internal Control Cadre | 2 | 0 | 2 |
| Officers from CISD | 0 | 2 | 2 |
| Safety and Health Officer | 0 | 0 | 0 |
| Secretarial Class | 0 | 0 | 0 |
| General Services | 20 | 21 | 41 |
| Workmen's Class | 279 | 6 | 285 |
| Youth Employment Program | 2 | 0 | 2 |
| Service to Mauritius Intern | 1 | 0 | 1 |
| Total | 410 | 52 | 462 |

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

(ii) Staffing at Construction Industry Development Board

| Grade | No. of Officers | Male | Female |
|-----------------------------|------------------------|-------------|---------------|
| Executive Director | 1 | 1 | - |
| Manager, Corporate Services | 1 | 1 | - |
| Manager, Technical Services | 2 | 2 | |
| Technical Executive | 2 | 1 | 1 |
| Accounting Technician | 1 | 1 | - |
| Technical Coordinator | 2 | 2 | - |
| IT Support Officer | 1 | 1 | - |
| Management Support Officer | 5 | 3 | 2 |
| WPO / Receptionist | 2 | - | 2 |
| Handy Worker / Driver | 2 | 2 | - |
| Total | 19 | 14 | 5 |

PART II - ACHIEVEMENTS AND CHALLENGES

2.1 Major Achievements

2.1.1 Road Projects:

(i) Completed Projects

- 6 Major Road Projects were completed in Financial Year 2017-2018 as follows:

| SN | Project | Project Value/ Rs M |
|----|---|------------------------|
| 1. | Third Lane at Grand Bassin (Traffic Decongestion at Bois Cheri) | 65.7 |
| 2. | La Marie- La Brasserie Link (Traffic Decongestion at La Marie) | 19.9 |
| 3. | Arsenal Link Road (Link Arsenal to M3) | 22.6 |
| 4. | New Access Road at SSR Airport (Direct access to airport and upcoming Smart city) | 608.0 |
| 5. | Terre Rouge Verdun Stabilisation Works (Embankment failure prevention) | 924.3 |
| 6. | Ring Road Phase 1 remedial works | 1749.5 |



Airport Access Road

(ii) Ongoing Projects

- 10 Major Road Projects were still under construction phase in Financial Year 2017/2018, as follows:

| SN | Project | Project Value/ Rs M | Project Status / Implementation Details as at 30 June 2018 |
|------------|---|----------------------------|---|
| 1. | Construction of Saint Julien Bypass (Traffic decongestion at St Julien) | 261.6 | Works Progress: 94% |
| 2. | Flyover at De Caen Street , Port Louis (road decongestion at Port Louis South band) | 377.1 | Works progress: 50% |
| 3. | Repair of embankment failure on Terre Rouge Verdun Road (Render TRV road fully operational) | 326.1 | Works progress: 39%. Expected completion July 2019. |
| 4. | Reconstruction of Jumbo Phoenix Roundabout and A1-M1 Bridge (RDP Projet) | 4527.2 | Work progress 6%. Expected completion August 2020. |
| 5. | Upgrading of Radier St Martin, of an approximate length of 90 m along B9 road at Bel Ombre (Addressing flooding problems of the old radier) | 75.6 | Works progress: 87% completed. Expected completion October 2018. |
| 6. | Third lane from Jin-Fei to Port (Dedicated lane for heavy vehicles from Port to Jin Fei) | 330.5 | Works progress 32% |
| 7. | Design and Construction of Fort William-Port Road (Access road to the Port) | 75.1 | Works progress : 14% |
| 8. | Upgrading of Pointe aux Sable Road at Petit Verger | 114.6 | Land Acquisition procedures in progress. Expected completion November 2019. |
| 9. | Design and Construction of a bypass at Cap Malheureux (Traffic decongestion in the area) | 200.0 | Land Acquisition procedures in progress. |
| 10. | La Vigie - La Brasserie - Beaux Songes Link Road (Phase 1) | 683.0 | Land Acquisition procedures in progress |



Jumbo/Dowlut Round about



A1 - M1 Bridge



Flyover at De Caen Street

(iii) Maintenance Works

Rs 1170 M were invested in the maintenance and rehabilitation of the classified roads as per Tables 1 and 2 below:

Table 1: Maintenance works carried out:

| Districts | Riviere Du Rempart | Pamplemousse | Moka | Flacq | Grand Port | Savanne | Port Louis | Black River | P/ Wilhem | Total |
|-------------------------------|--------------------|--------------|--------|--------|------------|---------|------------|-------------|-----------|---------|
| Footpath/m | 1,890 | 1,030 | 3,000 | 2,200 | 1,900 | 1,500 | 680 | 1,200 | 2,100 | 15,500 |
| Road Marking/ m | 20,000 | 20,000 | 18,000 | 20,000 | 10,000 | 9,000 | 14,000 | 28,350 | 19,000 | 158,350 |
| Resurfacing/ m | 28,900 | 35,600 | 11,000 | 14,000 | 9,000 | 6,300 | 2,400 | 5,000 | 19,000 | 131,200 |
| Handrails/ m | 560 | 250 | - | - | 400 | 100 | - | - | 450 | 1,760 |
| Traffic Signs/ m2 | - | - | 100 | 40 | 40 | 40 | - | - | 20 | 240 |
| Hard Shoulder/ Km | - | - | - | - | - | - | - | - | - | - |
| Guardrails/ Jersey Barrier/ m | - | 815 | 700 | - | 100 | 700 | 300 | - | 2,100 | 4,715 |
| Junctions Improved/ No | - | - | 1 | - | - | - | - | - | 1 | 2 |
| Bridges/ No | - | - | - | - | - | - | - | - | 1 | 1 |

Table 2: Contract Value

| SN | Routine and Periodic Maintenance Activities | | Amount of funds allocated (MUR) |
|--------------|---|---|---------------------------------|
| 1 | Routine Maintenance | | 20 m |
| 2 | Periodic Maintenance | Resurfacing and strengthening of damaged stretch of main roads | 663 m |
| | | Rehabilitation of bridges and culverts | 16 m |
| | | Improvement of safety and provision of new safety features (Traffic Signs, Guard Rails etc) | 80 m |
| | | Improvement of existing roads (geometric alignment and shoulders) | 94m |
| | | Implementation of new traffic schemes | 18 m |
| | | Construction of footpath and drains | 250 m |
| | | Construction of retaining walls and construction of new roads. | 29 m |
| Total | | | 1170 m |

An amount of Rs 842.8 M was disbursed for such works while Rs 327.2 M were committed for works orders issued during the financial year and were ongoing.

(iv) New Technology in roads

The following innovative road technologies have been included in the construction of roads during 2017-18:



(a) Introduction of the red coloured asphalt in one of third lane at the Jinfei project.

This new concept of different coloured road way would be used for the different types of vehicles. The red coloured roadway would be dedicated for heavy vehicles only with the objective to reducing road congestion and provide safety to road users.

(b) Implementation of an Intelligent Transport System (ITS).

This system is used to control several traffic lights from a single control room to ease congestion and improve traffic management.

(c) Implementation of diamond grade traffic signs and further improving the road network with the analysis of black spots and accident-prone areas; and remedying the road geometry to increase the road safety.

(d) Use of jersey barriers instead of metallic barriers.

(e) Implementation of Diamond junction at Ebene for the M1-M3 project.

(v) National Road Safety Strategy

For the past financial year, additional works of around 248 M were carried out with the Traffic Management and Road and Safety Unit in the context of the National Road Safety Strategy as follows:

| Project | Project Value/ Rs |
|---|--------------------------|
| Construction of pavements and drains across the island | 76 M |
| Rehabilitation works for hard shoulder | 45 M |
| Setting up and fixing of handrails | 25.3 M |
| Road Safety measures (road marking & signage, construction of bus lay bays and others) | 77 M |
| Upgrading of roads | 24.9 M |

(vi) Way leaves and utility interfaces

Approximately 1,500 way leaves/clearances have been issued to Central Water Authority, Central Electricity Board, Wastewater Management Authority and Mauritius Telecom for utility works across the island.

A memorandum of understanding was signed with CWA. The purpose of the Agreement between RDA and CWA is to ensure the timely and effective road reinstatement following works undertaken by CWA on roads falling under the jurisdiction of RDA in the interests of road users.

(vii) Complaints on roads

A total of 972 complaints were received regarding road issues and around 60% issues were resolved.

The remaining complaints which have not been resolved have been included in future maintenance works and/or forthcoming projects and expected to be implemented on availability of funds.

| Sub Office | No. of complaint for RDA | No. of complaint completed |
|--------------------------|---------------------------------|-----------------------------------|
| Black River Roads | 45 | 37 |
| Flacq Roads | 121 | 17 |
| Grand Port Roads | 83 | 52 |
| Moka Roads | 211 | 118 |
| Pamplemousses Roads | 113 | 59 |
| Plaine Wilhems Roads | 192 | 146 |
| Port Louis Roads | 68 | 46 |
| Riviere du Rempart Roads | 65 | 42 |
| Savanne Roads | 74 | 29 |
| Total | 972 | 546 |

Summary as from July 2017 to June 2018 on Complaint Management System Database

2.1.2 Building Construction Projects and Maintenance

(i) 318 Construction projects were handled, during Financial Year 2017/2018, by the Technical Sections of the Public Infrastructure Division as follows:

| | No. of projects | Estimated Cost/ Contract Value/ Rs M | Amount earmarked under Budget 2017/2018/ Rs M |
|---|-----------------|---|--|
| Capital Project having a Public Sector Investment Programme (PSIP) Code | 142 | 3,009.7 | 1,085.4 |
| Capital Project <u>not</u> having a Public Sector Investment Programme (PSIP) Code | 155 | 226.2 | - |
| Project by Consultants | 21 | 9,338.1 | 614.5 |
| Total | 318 | 12,574 | 1,699.9 |

Number of projects per Sector

| | | Education Sector | Health Sector | Police Department | Other Ministries | Total |
|-----------------|-------------------------------|---------------------|------------------|----------------------|---------------------|------------|
| PSIP | Construction Stage | 18 | 7 | 7 | 12 | 44 |
| | Tender Stage | 26 | 4 | 4 | 8 | 42 |
| | Design Stage | 16 | 13 | 5 | 8 | 42 |
| | Design yet to start | 4 | 8 | 0 | 2 | 14 |
| | | | | | | 142 |
| Non-PSIP | Construction Stage | 5 | 5 | 0 | 7 | 17 |
| | Tender Stage | 5 | 5 | 2 | 14 | 26 |
| | Design Stage | 14 | 18 | 5 | 38 | 75 |
| | Design yet to start | 3 | 17 | 2 | 15 | 37 |
| | | | | | | 155 |



New Police Divisional Headquarters
at Abercrombie



New Riche Bois Police Station

Value of Projects per sector/ Rs

| | | Education Sector | Health Sector | Police Department | Other Ministries | Total |
|-----------------|----------------------------|------------------|---------------|-------------------|------------------|-----------|
| PSIP | Construction Stage | 601.3 M | 244.3 M | 118 M | 345.4 M | 1,309 M |
| | Tender Stage | 679.7 M | 213.1 M | 323.3 M | 484.6 M | 1,700.7 M |
| | Design Stage | * | * | * | * | * |
| | Design yet to start | * | * | * | * | * |
| Non-PSIP | Construction Stage | 33.5 M | 34.7 M | 0 M | 54 M | 122.2 M |
| | Tender Stage | 12.2 M | 43.8 M | 3.2 M | 44.8 M | 104 M |
| | Design Stage | * | * | * | * | * |
| | Design yet to start | * | * | * | * | * |

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



New Petite Riviere Area Health Centre

Projects by Consultants per sector

| Ministry/ Departments | Education Sector | Health Sector | Police Department | Other Ministries | Total |
|--------------------------|---------------------|------------------|----------------------|---------------------|-----------|
| No. of projects | 0 | 11 | 2 | 8 | 21 |
| Value of | 0 | 3,714.3 M | 3,792 M | 1,831.8 M | 9,338.1 M |

2.1.3 Landslide Management

The Civil Engineering Section with the assistance of the Japan International Co-operation Agency, has provided Engineering services on Consultancy and Advisory, Feasibility, Designs, Procurement and Contract administration for mitigation of disasters related to landslide, rockfall, debris / mud flow and slope failures.

Safety plans and protocols have been established on critical sites and Countermeasures works have been planned in collaboration with the Ministry of Social Security, National Solidarity and Environment and Sustainable Development (Environment Division), Local Authority and Road Development Authority for the following amount:

1. Landslides : Rs. 42.0 M (Implementation by MPI)
2. Rockfall : Rs. 278.0 M (Implementation by Ministry of Environment)
3. Debris/Mud flow : Rs. 20.0 M (Implementation by Municipal Council of B. Bassin-R. Hill)
4. Slope failure : Rs. 30.0 M (Implementation by RDA)

Phase II of the counter measures works for the amount of Rs 28, 661,500 were completed at Chitrakoot.

2.1.4 Construction Industry

(i) The Construction Industry Development Board registered the following Contractors / Consultants (Local & Foreign) in Financial Year 2017/ 2018:

| Contractors | No. Registered |
|--|-----------------------|
| Local Contractor | 1289 |
| Foreign Contractor (Provisional) | 369 |
| Foreign Contractor (Temporary) | 86 |
| Joint Venture Contractor (Provisional) | 70 |
| Joint Venture Contractor (Temporary) | 10 |
| TOTAL | 1824 |
| Consultants | No. Registered |
| Local Consultant | 177 |
| Foreign Consultant (Provisional) | 531 |
| Foreign Consultant (Temporary) | 43 |
| Joint Venture Consultant (Provisional) | 185 |
| Joint Venture Consultant (Temporary) | 5 |
| TOTAL | 941 |

- The CIDB had 15 Council Meetings, 15 meetings on Corporate Development Committee and 4 meetings on National Schedule of Rates (NSOR) Steering Committee during Financial Year 2017/2018.
- The CIDB organized 3 Workshops during Financial Year 2017/2018 as follows:

| SN | Workshop | Date / Venue | Participants | Purpose / Outcome |
|-----------|---|---|---------------------|---|
| 1 | Validation of Mauritius Fire Code 2017 Workshop | 05 October 2017 Labourdonnais Hotel, Port Louis | 84 | To present the Mauritius Fire Code to a wide range of building professionals, architects and Government regulatory and building officials for review and validation |
| 2 | Managing Growth in the Construction Sector | 6 February 2018 Le Maritim Hotel, Balaclava | 75 | To look into the challenges facing the construction sector |

| | | | | |
|---|--|---|----|---|
| 3 | Innovations in Delivery of Transportation Infrastructure | 12 April 2018 Voila Hotel, Bagatelle, Reudit | 33 | To discuss about the various innovations being implemented in road projects, potential for future projects and to share knowledge and expertise among the various stakeholders involved in the road and transportation sector |
|---|--|---|----|---|

2.1.5 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 2017/2018:

| Test performed for Year 2017/2018 | Total |
|-----------------------------------|-------|
| Aggregates | 647 |
| Soil | 222 |
| Asphaltic Concrete | 2872 |
| Field Test | 65 |
| Cubes | 8842 |

Revenue of Rs. 3,770,927.50 M was collected for the material testing activities.



2.1.6 Maintenance of Vehicles, Plant & Equipment and Design & Supervision of Mechanical Component in Buildings projects

- **4316** requests for repairs and maintenance of government vehicles, plant, and equipment attended to.
- **932** requests for the repair and maintenance of mechanical works in buildings attended to.
- **1411** requests for supervision of repair and maintenance of vehicles used by VIP's attended to.
- Survey of vehicles involved in about **312** accidents.
- Design and supervision of construction of mechanical works in about **112** ongoing building projects.
- Preparation of specifications, evaluations and commissioning of vehicles, plant and equipment procured by ministries/departments in connection with **117** Procurement Exercises.
- Counter-examination of **93** vehicles acquired duty free involved in accidents and declared as total lost or vehicles modified for handicapped persons.
- Commissioning of **41** new vehicles used by VIP's.

2.1.7 Specific Electrical Engineering Services

- 1 Capital Project completed amount to a sum of Rs 5 M.
- 3 Capital Projects amounting to Rs 26 M are at design stage.
- 5 capital projects are ongoing with project value of Rs 18.3 M (including Rs 7 M for Building Works).
- 5363 minor interventions were carried out in various public bodies.

2.1.8 Occupational Health and Safety

- Health and Safety Policy

An Occupational Safety and Health Policy was implemented in November 2017

- Safety and Health Audits

For the period Year 2017-2018, 90 safety audits were conducted in all workplaces including Sub-Offices of MPILT (Public Infrastructure Division).

- Risk Assessment

20 Risk Assessment Exercises, including 4 based risk assessment have been carried out in all Departments/ Divisions/ units to assess risks and make appropriate recommendations.

- Training on Safety and Health

10 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, 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); 4
- (ii) Energy Services Division/Mechanical Engineering Section (merged):1
- (iii) Phoenix Technical Division: 2
- (iv) Mechanical Engineering Section (MES): 2

- 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

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

11 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.

- Enhancement of Work Environment Programme (EWEP)

Funds amounting to more than one million rupees have been obtained from the MCSAR to fund 9 projects as follows:

| SN | Project Title | Estimated Cost (Rs.) |
|-------|---|----------------------|
| 1. | Provision of first aid box (3 Units) and Travelling First Aid Kits in Vehicles (69 Units) | 55,000 |
| 2. | Provision of lifting aid (Different types of trolleys) | 95,000 |
| 3. | Provisions of materials for renovation of mess (4 workplaces) | 370,000 |
| 4. | Provision of blinds | 25,000 |
| 5. | Provision of lockers (Each locker comprises of 6 compartments)- 15 Units | 150,000 |
| 6. | Provision for mobile storage compactors (4 units) | 175,000 |
| 7. | Provision of solar water heater (3 units) | 200,000 |
| 8. | Provision water purifier (2 units) | 20,000 |
| 9. | Replacement of defective extractor fans and upgrading of storage facilities at Materials Testing Laboratory | 90,000 |
| Total | | 1,180,000 |

2.1.9 Number of Professionals registered as at 30 June 2018:

The table below shows the number of professionals that were registered as at 30 June 2018:

| Council | Number of Professionals Registered |
|---|------------------------------------|
| Professional Quantity Surveyor's Council (PQSC) | 76 |
| Council of Registered Professional Engineers (CRPE) | 1620 |
| Professional Architects' Council (PAC) | 206 |

2.1.10 Welfare activities

The following activities were carried out by the Ministry of Public Infrastructure Staff Welfare Association during the Financial Year 2017/2018:

- Divali Celebration
- Kermesse 2017
- Team Building (In house competition): -
 - (i) Domino
 - (ii) Scrabble
 - (iii) Carom
- Christmas celebration for children
- Excursion –Hiking trail at Petrin
- Development of Emotional Intelligence
- Retirement Celebrations
- End of Year Party at Plantation Hotel



2.2 Status of the implementation of budget measures announced in budget 2017-2018

| SN | Para No | Measure | Expected completion date | Status |
|----|---------|--|--------------------------|--|
| 1 | 167 | Construction of both the Jumbo-Phoenix roundabout and the A1M1 Bridge will start in October 2017 | 30.11.2020 | <ul style="list-style-type: none"> • Contract agreement signed on 13 March 2018 • Construction works started in April 2018 • Soil investigation and trial pits in progress for A1M1 Bridge • Works in progress |
| 3 | 167 | Construction of a second fly-over to connect directly the M1 to the Terre Rouge Verdun motorway. | 31.05.2020 | <ul style="list-style-type: none"> • Scheduled to be funded by EXIM Bank • Bid documents being finalized in consultation with EXIM Bank before launching. |
| 4 | 167 | A new road will be built that will connect La Vigie and La Brasserie. | 31.01.2020 | |
| 5 | 245 | Rehabilitation of the Ste Marie bridge at Savanne, the Joli Bois Bridge at Mare Tabac, the Choisy Bridge at Poste Lafayette and the upgrading of Radier St Martin at Bel Ombre | 31.10.2018 | <p>Upgrading of Radier St Martin at Bel Ombre:</p> <ul style="list-style-type: none"> • Works started in July 2017; • 40% progress as at 30 June 2018 • Expected to be completed by end 28 September 2018 |
| | | | 30.06.2019 | <p>Ste Marie bridge at Bel Ombre:</p> <ul style="list-style-type: none"> • Contract to be awarded in July 2018 |
| | | | 31.05.2019 | <p>Joli Bois Bridge at Mare Tabac</p> <ul style="list-style-type: none"> • Will be awarded under Framework Agreement under respective budget item • Works expected to start by early February 2019 |
| | | | 30.08.2019 | <p>Choisy Bridge at Poste Lafayette</p> <ul style="list-style-type: none"> • Scheduled for implementation during Financial Year 2019/20 |

2.3 Status on Implementation of Key Actions

| SN | Key Action | Key Performance Indicator | Target | Achievement | Remarks |
|----|---|---|--------|-------------|--|
| | Vote 8: MINISTRY OF PUBLIC INFRASTRUCTURE AND LAND TRANSPORT | | | | |
| 1 | Implement the Road Decongestion Programme | Jumbo Phoenix Roundabout reconstructed | 20% | 6% | Delay in procurement due to challenge Challenge Commencement Date: 6 April 2018 |
| | | A1-M1 bridge constructed | 20% | 6% | Delay in procurement due to challenge Challenge Commencement Date: 6 April 2018 |
| | | Flyover on M1 at De Caen Street Port Louis constructed | 60% | 52% | |
| 2 | Implement the National Road Safety Strategy 2016-2025. | Road Safety measures implemented (cumulative length of road km) | 120 | 105 | |

2.4 Risk Management, Citizen Oriented Initiatives & Good Governance

21 internal audit activities were carried out during the Financial Year July 2017 to June 2018 as follows:

| SN | Auditable Area, Project Number and Division | Status (completed) | Report Status | |
|----|---|-----------------------|----------------------------|--------------------------|
| | | | Draft/Final Report date | No of recommendations |
| 1 | Mahatma Gandhi SSS-Phase IV- Construction of Form I to IV Classes | Completed | 11.12.2017 | 9 |
| 2 | Dr Regis Chaperon SSS | Completed | 11.12.2017 | 4 |
| 3 | HR Resource Management | Completed | 28.02.18 | 25 |
| 4 | Q.Militaire SSS- Construction | Completed | 13.03.2018 | 22 |
| 5 | New Toilet Block at Tombeau Pere Laval | Completed | 11.12.2017 | 7 |
| 6 | Registry | Completed | 17.10 2017 | 17 |
| 7 | Pte Aux Piments Repas Chaud Rs6, 284,750 | Completed | 09.07.18 | Clean Report |
| 8 | Overtime – Finance | Completed | 27.03.2018 | 17 |
| 9 | Wages & Salaries- Finance- PI Div. | Completed | 16.04.2018 | Clean Report |
| 10 | Travelling & Mileage Phoenix | Completed | 20.03.2018 | 13 |

| SN | Auditable Area, Project Number and Division | Status (in progress/ completed) | Report Status | |
|----|--|---------------------------------------|----------------------------|--------------------------|
| | | | Draft/Final Report date | No of recommendations |
| 11 | Accounts Payable | Completed | 27.02.2018 | Clean Report |
| 12 | Cost Of Utilities | Completed | 10.04.2018 | 12 |
| 13 | Extension of Gopinath Cheetamun Govt. School – Capital Project, Rs5.6M | Completed | 09.07.18 | Clean Report |
| 14 | Procurement Audit | Completed | 11.06.2018 | 12 |
| 15 | SSR.I.Airport- Renovation works -Capital Project | Completed | 09.07.2018 | Clean Report |
| 16 | Warehousing | Completed | 05.06.2018 | 15 |
| 17 | Imprest Accounts | Completed | 22.05.2018 | 14 |
| 18 | Accounts Receivable | Completed | 18.06.2018 | 3 |
| 19 | Partitioning works C- Capital Project Rs1.3M | Completed | 25.05.2018 | Clean Report |
| 20 | Grants Construction Industry Development Board-CIDB- | Completed | 29.06.2018 | 16 |
| 21 | Fees to Chairman and Board Members | Completed | 29.06.2018 | Assurance Report |

Summary of follow up of Internal Control reports carried out during FY 2017/18 on 13 reports at the PI Division.

| Reports - follow up | No of reports | No recommendations | Implemented | Partly implemented | Not Implemented |
|----------------------------|----------------------|---------------------------|--------------------|---------------------------|------------------------|
| Issued in FY 16/17 | 7 | 74 | 33 | 35 | 6 |
| Issued in FY 17/18 | 6 | 70 | 23 | 13 | 34 |
| Total | 13 | 144 | 56 | 48 | 40 |

***These 40 recommendations have not been implemented due to their complex and technical nature. These recommendations are being look into by the Audit Committee 2018.**

2.5 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 2018 and no major shortcomings were reported in the Director of Audit (DOA) Report.

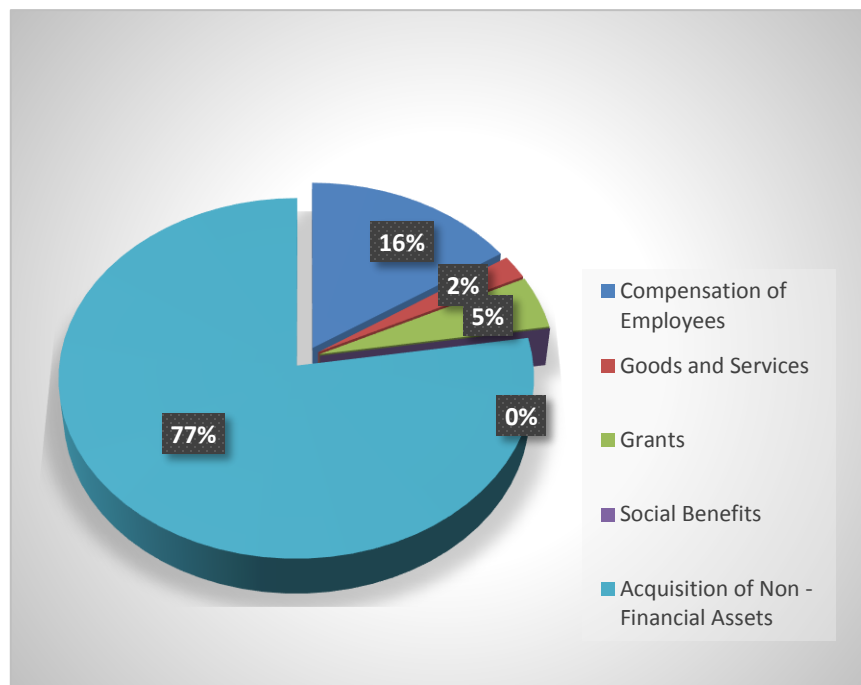
PART III – FINANCIAL PERFORMANCE

3.1 Financial Highlights

3.1.1 Overall Expenditure (BY VOTE)

An amount of Rs 4,287,000 (M) was provided to the Public Infrastructure Division in Budget 2017-2018, out of which Rs 3,090,984 (M) was spent. Details of the expenditure by economic categories are as follows:

Vote 8-1 ‘Public Infrastructure’



- (i) **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
- (ii) **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.

- (iii) **Grants** refer to funds provided to the Road Development Authority and the CIDB to meet partly their administrative costs.
- (iv) **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.
- (v) **Acquisition of Non-Financial Assets** represent expenses made for 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:

- (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

Details of the expenditure by Sub Head and by economic categories are as follows:

| | 'General' | | | 'Public Infrastructure Division' | | |
|-------------------------------------|------------------------|------------------------|---------------------------------|----------------------------------|------------------------|---------------------------------|
| | Sub Head 9-101 | Sub Head 8-101 | | Sub Head 9-102 | Sub Head 8-102 | |
| Economic Category | 2016-2017 Actual (RsM) | 2017-2018 Actual (RsM) | % changes between Actuals (RsM) | 2016-2017 Actual (RsM) | 2017-2018 Actual (RsM) | % changes between Actuals (RsM) |
| Compensation of Employees | 77.477 | 77.99 | 0.662% | 325.192 | 322.242 | -0.91% |
| Goods and Services | 30.864 | 31.845 | 3.178% | 27.531 | 23.398 | -15.01% |
| Grants | 0 | 0 | | 0 | 0 | |
| Social Benefits | 0.020 | 0.080 | 300.00% | 0 | 0 | |
| Acquisition of Non-Financial Assets | 2.297 | 3.659 | 59.29% | 53.724 | 58.727 | 9.31% |
| Total | 110.658 | 113.574 | 2.64% | 406.447 | 404.367 | -0.51% |

| | 'Road Construction and Maintenance' | | | 'Electrical Services Division' | | |
|-------------------------------------|-------------------------------------|------------------------|---------------------------------|--------------------------------|------------------------|---------------------------------|
| | Sub Head 9-103 | Sub Head 8-103 | | Sub Head 9-104 | Sub Head 8-104 | |
| Economic Category | 2016-2017 Actual (RsM) | 2017-2018 Actual (RsM) | % changes between Actuals (RsM) | 2016-2017 Actual (RsM) | 2017-2018 Actual (RsM) | % changes between Actuals (RsM) |
| Compensation of Employees | 0 | 0 | 0 | 83.152 | 83.949 | 0.96% |
| Goods and Services | 0.209 | 0.827 | | 8.966 | 9.172 | 2.30% |
| Grants | 129.788 | 145.932 | 12.44% | 0 | | |
| Social Benefits | 0 | 0 | | 0 | | |
| Acquisition of Non-Financial Assets | 1,139.777 | 2,330.659 | 104.48% | 1.551 | 2.502 | 61.32% |
| Total | 1269.774 | 2,477.418 | 95.11% | 93.669 | 95.623 | 2.09% |

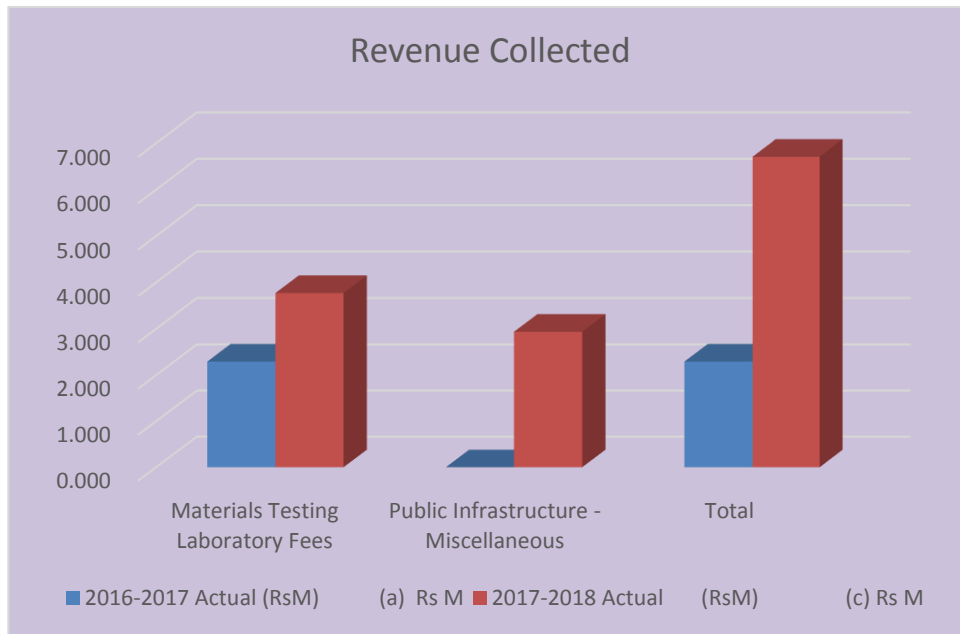
3.1.3 Revenue

The Public Infrastructure Division collects revenue from Material Testing Laboratory fees and miscellaneous sales of goods and services. The total revenue collected for the financial year 2017-2018 amounted to Rs **6.707 (M)**

Statement of Revenue

| | 2016-2017 Actual (RsM) (a) | 2017-2018 Estimates (RsM) (b) | 2017-2018 Actual (RsM) (c) | Increase/Decrease changes between Actuals (Rs M) (c-a) | Variance from Estimates and Actual 2017- 2018 (Rs M) (b-c) |
|--------------------------------------|-------------------------------------|--|-------------------------------------|---|--|
| | Rs M | Rs M | Rs M | Rs M | Rs M |
| Materials Testing Laboratory Fees | 2.293 | 2.500 | 3.771 | 1.478 | (1.271) |
| Public Infrastructure -Miscellaneous | 0.000 | 0.100 | 2.936 | 2.936 | (2.836) |
| Total | 2.293 | 2.600 | 6.707 | 4.414 | (4.107) |

Sales of Goods and Services consists of Materials Testing Laboratory Fees and Miscellaneous Sales of Goods and Services.



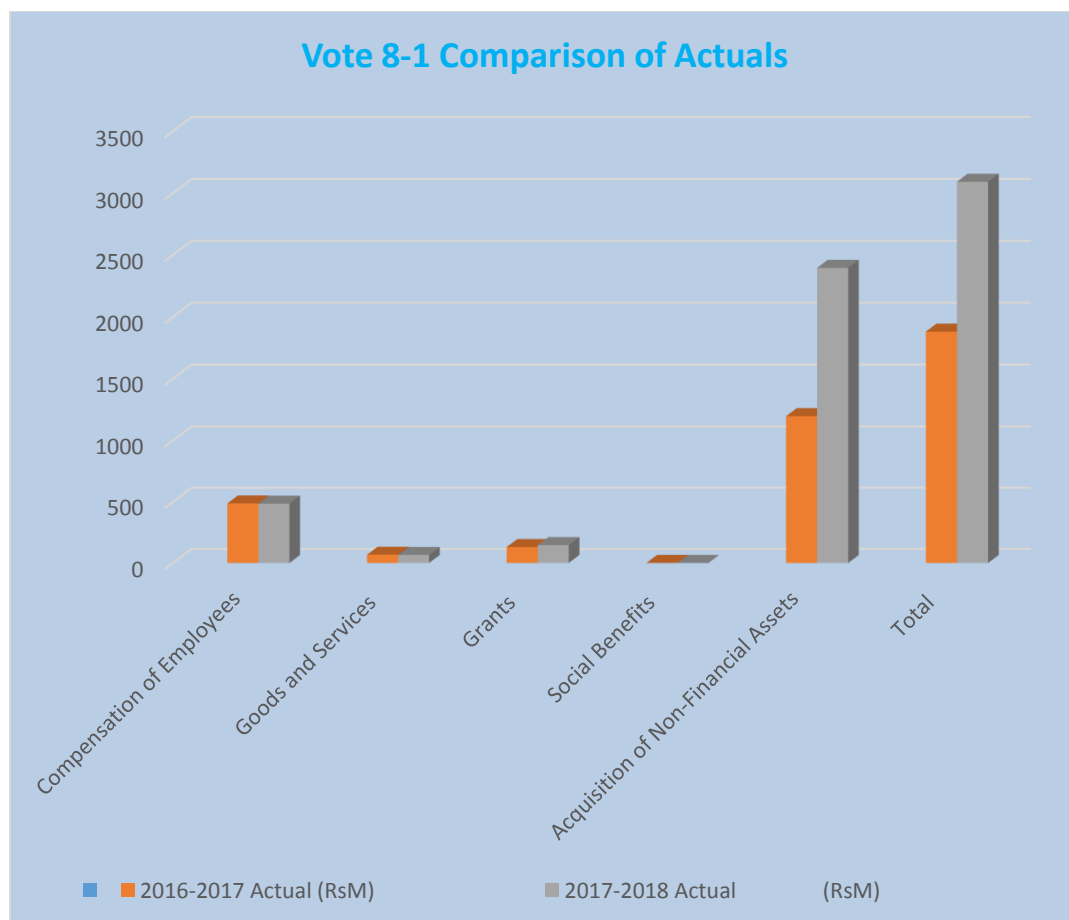
The change between the actuals is due to the fact that the amount collected is based on the number of tests carried out by the Material Testing Laboratory and Revenue has been received from auction sale.

3.2 Analysis of Major Changes and variances

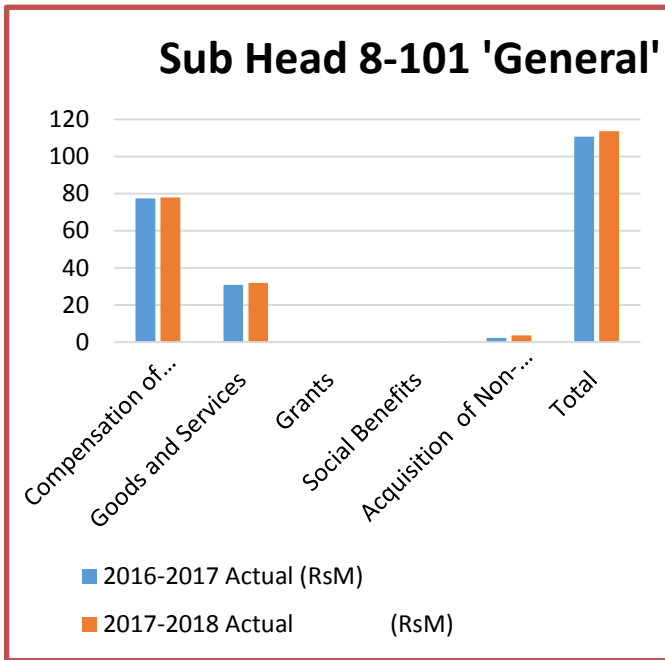
3.2.1 Statements of Expenditure & Analysis of major changes

Table 1

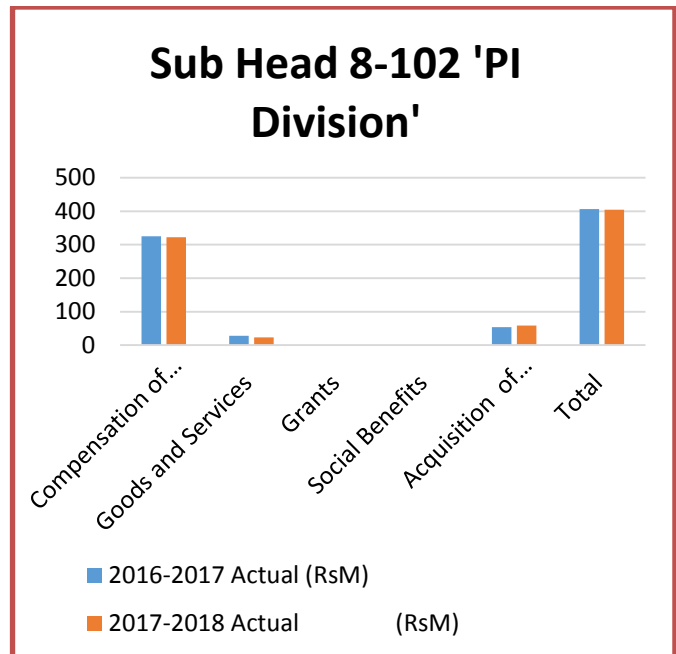
| Summary of Expenditure Vote 8-1 - 'Public Infrastructure Division' | | 2016-2017 Actual (RsM) | 2017-2018 Actual (RsM) | % changes between Actuals (RsM) |
|--|--|---------------------------|---------------------------|---------------------------------------|
| Compensation of Employees | | 485.821 | 484.180 | -0.338% |
| Goods and Services | | 67.570 | 65.242 | -3.445% |
| Grants | | 129.788 | 145.932 | 12.439% |
| Social Benefits | | 0.020 | 0.080 | 300.000% |
| Acquisition of Non-Financial Assets | | 1,197.35 | 2,395.55 | 100.071% |
| Total | | 1880.548 | 3090.984 | 64.366% |



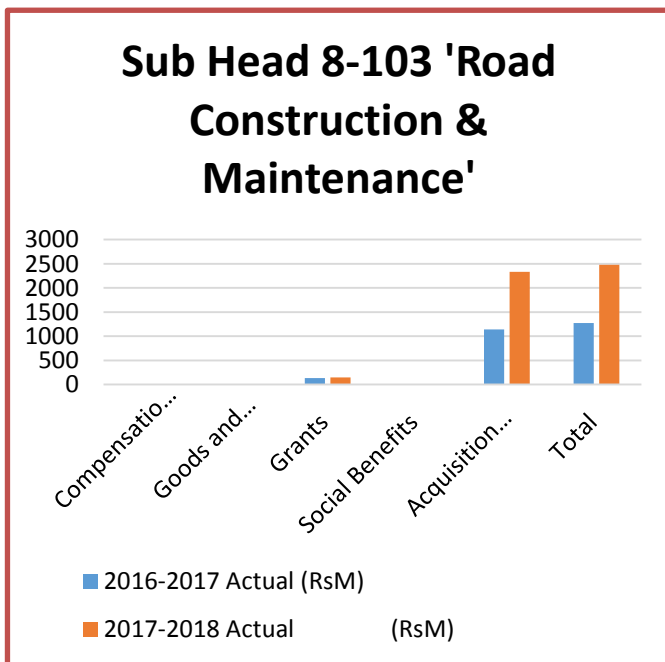
Sub Head



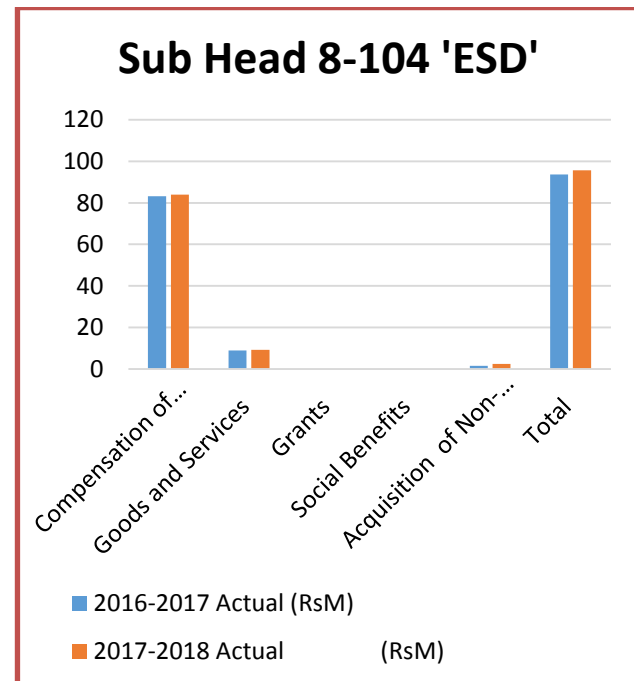
Sub Head 8-101 – General



Sub Head 8- 102 – PI Division



Sub Head 8-103 – RDA



Sub Head 8-104 – ESD

3.3 Analysis

As highlighted in the charts above, the major change in the overall expenditure of Vote 8-1 'Public Infrastructure Division' 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:-

| SN | Sub Head | Projects | Project Value (RsM) | Actual Expenditure 2016-2017 (RsM) | Actual Expenditure 2017-2018 (RsM) |
|----|---|---|---------------------|------------------------------------|------------------------------------|
| 1 | 8-103 'Road Construction and Maintenance' | Construction of large and complex road projects including :- | | | |
| | | (i) Flyover at De Caen Street, Port Louis (C0571) | 411 | 1.95 | 149.715 |
| | | (ii) Terre Rouge - Verdun Stabilization Works ((C0588) | 916.2 | 0 | 114.160 |
| | | (iii) Ring Road Phase 1 remedial works (C0017) | 1,731.20 | 0 | 67.104 |
| | | (iv) Repair of embankment failure on Terre Rouge Verdun Road (C0616) | 326 | 0 | 75.116 |
| | | (v) Reconstruction of Jumbo Phoenix Roundabout and A1 M1 Bridge (C0694) | 5,000 | 0 | 640.896 |
| | | (vi) Third Lane from Jin Fei to Port (C0614) | 350 | 0 | 84.043 |
| | | (viii) Saint Julien Bypass (C0682) | 261.60 | 22.2 | 173.061 |

4.1 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

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

T
hreat



4.2 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:

