

# Ministry of National Infrastructure and Community Development (National Infrastructure Division)



**Annual Report on Performance** 

Financial Year 2023-2024 (01 July 2023 – 30 June 2024)

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#### Annual Report 2023-2024

The Annual Report 2023-2024 on performance of the Ministry of National Infrastructure and Community Development (National Infrastructure Division) has been prepared in accordance with the statutory provisions of Section 4B of the Finance and Audit Act 1974, as amended.

The Report provides general information on the Ministry, insights into its achievements and financial performance during the year under review, the objectives set out for the current fiscal year relative to the resources provided by the Ministry of Finance, Economic Planning and Development after appropriation by the National Assembly, as well as the strategic direction for the next three years.

The information provided in this Report is intended for the benefit of our staff, stakeholders and the public in general.

#### Structure of the Report

This Report is divided into four parts:

#### Part I: The Ministry

Part I outlines the vision, mission, role and functions of the Ministry as well as its various divisions, sections and units. It gives a brief overview of the organisational structure and also includes a Gender Policy Statement demonstrating our commitment to tackle gender related issues.

#### Part II: Main Achievements

Part II describes the Ministry's main achievements and a review of its performance during the previous year in relation to the set Key Performance Indicators. This part also includes the actions taken in relation to risk management, citizen-oriented initiatives, capacity building and good governance.

#### Part III: Financial Performance

This Part summarises the financial highlights for the previous year, including statements of revenue and expenditure.

#### Part IV: Way Forward

Part IV gives a brief description of the major challenges likely to impact on our service delivery and outlines the Ministry's strategic direction to realise our vision, objectives and desired outcomes in the national framework.

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#### Statement of the Honourable Minister of National Infrastructure and Community Development

It is indeed with the same zeal and enthusiasm that I am making this statement for the presentation of the Annual Report 2023/2024 of the National Infrastructure Division of the Ministry.

Assuming office as Minister in 2019 up to this day, we can all agree that it has been an eventful mandate: five years filled with twists at every corner. Little did we know, at the beginning, that we had set ourselves on a path that would transform the landscape of the whole country for the future generations.

In the wake of a global pandemic, a war in Ukraine and, in the face of climate change, we had been entrusted with a mission to save our whole economy; create a boom in the construction sector.

Now when we look back, we can all be proud of what we have achieved:

Providing consultancy services for some 1,000 public building projects throughout Mauritius covering ALL government institutions, during this mandate with over 200 projects for financial year 2023/2024 added to a range of maintenance services, be it mechanical, electrical and plumbing, remain remarkable achievements by the professional and technical personnel of the Division.

40 major road projects in one single mandate is a historical feat that will certainly remain unmatched for generations to come.

A state of the art, first of its kind, Metro-Bus-Car-Mall Terminal, the Victoria Urban Terminal, which has uplifted significantly this part of the capital and will serve as a prototype for the other terminals to be constructed in the coming years.

And the New headquarters of the Abercrombie Police Station will also be used as a reference for future development in the police force.

The opening of the brand new Geotechnical and Material Testing Laboratory, equipped with advanced apparatuses and latest technology, during my mandate, is yet another proactive landmark for addressing, in particular, landslide events.

The introduction of new platforms such as the Vehicle Management System (VMS) and the Building Information Modelling (BIM) reflects our commitment to the continuous improvement of our services through innovation technologies.

In line with the vision of this Government, for sure, we have laid very strong foundations but, no doubt, we have a long way to go.

As we look ahead, I extend my deepest gratitude to all our personnel - the Engineers, Architects, Quantity Surveyors, Administrators, Electricians, Drivers, Office Auxiliaries, simply ALL officers – for their exceptional work and dedication. Our aim is to provide efficient and effective services to our clients and the public at large.

I am confident that with the unflinching support, commitment and dedication of the MNI Family, we will achieve our goals and continue to drive towards a brighter and more resilient future of our country.

M.S. Hurreeram Minister

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#### Statement from the Permanent Secretary



I am pleased to present the Annual Report of the National Infrastructure Division (NID) of the Ministry of National Infrastructure and Community Development for the Financial Year 2023-2024.

I would like to stress that I joined the Ministry on 23 September 2024. I would, therefore, wish to put on record the arduous tasks carried out by my predecessors, namely Mr G Bundhooa, Permanent Secretary, who retired on 15 March 2024 on grounds of compulsory retirement age and Mrs I Pudaruth-Ruchaia, Permanent Secretary from 22 April to 20 September 2024. I would also

like to put on record the leadership and guidance of the Minister of National Infrastructure and Community Development, the Honourable M S Hurreeram for driving the different sections of the Ministry towards achieving the goals and objectives.

This Report gives an insight into the achievements of the Ministry during the period 01 July 2023 to 30 June 2024, a busy and productive period whereby several infrastructural projects had to be implemented in line with our mandate.

The construction sector is a dynamic one that has a large impact on the overall national growth. For the period under review, the sector has witnessed a growth of some 38.8 % and has contributed significantly to 6.5 % of GDP.

In order to boost up the construction industry and to align its objectives with those of Government, a new apex body, the Construction Industry Authority (CIA) has been set up by merging the Construction Industry Development Board and the Building Control Advisory Council. In this respect, a new piece of legislation, the Construction Industry Authority Act has been enacted. The CIA will, inter alia, regulate the construction industry, formulate and develop policies and standards, promote sustainable construction, including green building, training and capacity building, research and innovation as well as encourage participation of more women in the industry.

The road network has been further enhanced in order to facilitate connectivity of people and goods and thus improving the lives of citizens and flourishing of businesses.

I wish to thank all the officers of the Ministry from the different sections, namely the Architect Cadre, Engineering Cadre, Quantity Surveying Cadre, Works Cadre, Administrative Cadre as well as the support services who have over the year demonstrated their professionalism and dedication in achieving the objectives of the Ministry. I am confident that they will continue to provide high-quality advice and support to transform our public infrastructure into a resilient and safe one in line with Goal 9 of the Sustainable Development Goals of the United Nations.

Parmanand MAWAH Permanent Secretary

#### PART I – ABOUT THE MINISTRY

Vision and Mission



World Class, Eco-Friendly, Sustainable, Accessible, Safe and Energy Efficient Building Infrastructure and Road Network





To ensure that all Government buildings are designed, constructed and maintained with the highest level of safety, sustainability, eco-friendliness and inclusiveness, in accordance with international norms, standards and practices.



To ensure that Government vehicles, plant and equipment are procured, maintained and disposed of in an efficient, eco-friendly and cost-effective manner.



To construct and maintain Motorways, Main Roads and Bridges in a cost-effective manner in line with sustainable and international norms, standards and practices and to ensure mobility in comfort and safety of the population and economic operators.



To provide a legal and institutional framework which is conducive for the growth of the construction industry.

# **Our Core Values**

- Integrity
- Innovation
- Quality
- Teamwork
- Timeliness
- Excellence
- Trust
- Cost effectiveness
- Safety
- Equity

#### **Key Legislations**

The National Infrastructure Division operates within a sound and robust legal framework. The under-mentioned laws provide the Ministry with the necessary guidance for the implementation of Roads and Government buildings projects. The professions of Architects, Engineers and Quantity Surveyors are regulated to ensure good practice in these fields.

#### **Construction Industry Authority (CIA) Act**

In accordance with a budgetary measure announced in the 2022/23 Budget Speech, with a view to streamlining the procedures int eh construction industry, the Construction Industry Authority Act was enacted to provide for the merging of Construction Industry Development Board and the Building Control Advisory Council into one apex body, the Construction Industry Authority, to regulated the construction industry. Consequently, the Construction Industry Development Board Act and Building Control Act have been repealed and replaced by the new legislation.

#### **Roads Act**

The Roads Act establishes responsibility for the construction, maintenance and classification of roads and matters in relation thereto.

#### Road Development Authority (RDA) Act

The RDA Act establishes the Road Development Authority with the objects of construction, care, maintenance and improvement of motorways and main roads.

This Act provides for 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. The RDA is responsible for administering the provisions of the Road Development Authority Act and the Road Act.

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

The Professional Quantity Surveyors' Council (PQSC) Act establishes the Professional Quantity Surveyors' Council. It regulates and controls the profession of quantity surveyors and promotes advancement in the field of quantity surveying.

# The Registered Professional Engineers Council Act

The Council of Registered Professional Engineers of Mauritius is established under the Registered Professional Engineers Council Act. It regulates the engineering profession in Mauritius.

#### **Professional Architects' Council Act**

The Professional Architects' Council Act establishes the Professional Architects' Council with the objects of regulating and controlling the practice of architecture and registration of professional architects as well as maintaining discipline in the profession, among others.

#### **Promulgation of Regulations**

In financial year 2023/2024, the following regulations were promulgated:

- Regulations made by the Minister under Sections 3(2) and 74 of the Roads Act –
   Motorway and Main Roads (Amendment) Regulations 2023 Powder Mills Road
   Government Notice No. 113 of 2023
- II. Regulations made by the Minister under Sections 3(2) and 74 of the Roads Act Roads Act Motorways and Main Roads (Amendment) Regulations 2024 Soreze-Chebel-Gros Cailloux Link Road Government Notice No. 78 of 2024
- III. Regulations made by the Minister under Sections 3(2) and 74 of the Roads Act Roads Act Motorways and Main Roads (Amendment No. 2) Regulations 2024 –La Vigie La Marie Link Road - Government Notice No.79 of 2024
- IV. Regulations made by the Minister under Section 74 of the Roads Act Roads (Fixed
   Penalty Notice) Regulations 2024 Government Notice No. 80 of 2024
- V. Regulations made by the Minister under Section 74 of the Roads Act Roads (Amendment of Schedule) Regulations 2024 Government Notice No. 81 of 2024
- VI. Regulations made by the Minister under Sections 3(2) and 74 of the Roads Act Roads
   Act Motorways and Main Roads (Amendment No. 3) Regulations 2024 15
   Classifications of Roads Government Notice No. 116 of 2024

#### **Roles and Functions of the Ministry**

The Ministry of National Infrastructure and Community Development (National Infrastructure Division) provides professional technical assistance to Ministries/Departments for the implementation of Government infrastructural projects.

#### **Key functions**

- To provide technical assistance to Ministries/Departments in the design, execution, monitoring and supervision of Government infrastructural projects.
- To maintain Government buildings and assets.
- To 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.
- To advise and monitor the renting of office space by Ministries/Departments.
- To regulate and facilitate the development of the construction sector.
- To develop, preserve and maintain the classified road networks, including bridges, tunnels and fly-overs.

	GENERAL ADMINISTRATION
<ul> <li>Administration</li> <li>Finance</li> <li>Procurement</li> <li>Human Resources</li> <li>Internal Control</li> </ul> Architecture	Responsible for:  • general administration of the Ministry,  • human resource processes,  • internal control activities,  • finance matters and  • procurement issues.  Responsible for:  • implementation of building projects for Ministries and
	Departments from inception to completion, commissioning and close out;  • advising Government on architectural matters and on the practice of Architecture; and  • coordination and monitoring of the projects implemented by consultants
Civil Engineering	<ul> <li>Responsible for:</li> <li>structural design and supervision of building projects for Ministries and Departments;</li> <li>maintenance of Government buildings;</li> <li>landslide management;</li> <li>materials testing; and</li> <li>implementation of renovation and minor repair works under the Framework Agreement.</li> </ul>
Quantity Surveying	<ul> <li>Responsible for:</li> <li>preparation of cost estimates and bidding documents for building projects for Ministries and Departments;</li> <li>valuation of works in progress;</li> <li>issuing payment certificates; and</li> <li>providing contract advice.</li> </ul>
Mechanical Engineering	<ul> <li>Responsible for:</li> <li>repairs of Government vehicles, plant and equipment;</li> <li>design and supervision of installations, testing, commissioning and maintenance of mechanical systems for building projects; and</li> <li>advising Ministries and Departments on Mechanical Engineering matters</li> </ul>
Energy Services Division	<ul> <li>Responsible for:</li> <li>design, supervision and commissioning of electrical installations in building projects for Ministries and Departments;</li> <li>provision of electrical engineering services to Government-owned buildings;</li> <li>maintenance services of the electrical systems (including air conditioning systems, lifts, standby generators, photovoltaic systems); and</li> <li>advising Ministries/Departments on Electrical Engineering</li> </ul>

matters.

# Senior Management Team

# **ADMINISTRATIVE CADRE**

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WORKS CADRE	
Head, Work Cadre	
Mr RAMNOCHANE Indradeo	
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Mr BUNDHOO Ajaykumar	
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#### Scoping Mission to Japan: 26 to 30 September 2023

A delegation led by the Ag. Permanent Secretary of the National Infrastructure Division proceeded to a mission to the Government of Japan in September 2023. The Geotechnical Specialist posted in the Geotechnical Unit and Geotechnical Advisor of the Ministry also formed part of the delegation. The programme of the mission comprised, among others, the following:

- (i) Courtesy call on high officials of the Ministry of Land, Infrastructure, Transport and Tourism, the Ministry of Foreign Affairs and the Japan International Cooperation Agency (JICA);
- (ii) Factory visits regarding the manufacture of specialized geotechnical equipment being procured under the Japanese Grant Aid. Discussions on pre-delivery and post-delivery training with the designated Crown Agent responsible for the procurement of the equipment;
- (iii) Visits to the landslide prone sites, with a view to learning lessons on the monitoring exercises carried out and countermeasure works implemented;
- (iv) Session with Japan Meteorological Agency (JMA); and
- (v) Site visits to complex road projects, including bridges and tunneling works, and where innovative technologies are being used.

#### **Gender Policy Statement**

Gender equality is a critical and crosscutting issue for development. In accordance with international norms, gender equality is achieved when women and men have the same rights, entitlements and opportunities across all sectors of the society, including participation in decision making, and when there is equal consideration for the different behaviours, aspirations and needs of men and women. Although Mauritius has made considerable progress on the status and advancement of women, there is still a lot more that can be achieved in regard to women's economic empowerment. The widening of economic opportunities for women depends largely on the nature of macroeconomic policy making as well as the engendering of budgets. Government's aim is to move to a high-income economy, which necessitates accelerating economic development, whereby the whole spectrum of genders of the Mauritian population are taken on board. In this respect, Government's ambition is to design frameworks and policies that promote inclusion and empowerment in a sustainable and equitable manner.

Government is committed to the principles of gender equality in line with the Beijing Platform for Action (1995) by establishing an efficient institutional mechanism aimed at integrating a gender perspective in all policies and programmes.

The Constitution stipulates that "in Mauritius there have existed and shall continue to exist without discrimination by reason of race, place of origin, political opinions, colour, creed or sex...",. Government therefore strives to create equal opportunities for both men and women across all spheres of life, including economic and political fronts so that they can both exercise their full rights in the national development process.

In line with its mandate, the Ministry has promulgated the Building Control (Accessibility and Gender Compliance) Regulations which imposes that all new buildings where the public have access should provide adequate facilities for women.

To promote gender-oriented welfare within its own workplace, MNICD has set up a Gender Cell to help address any gender gap and bring in gender balance in its decision -making process. The Cell provides a platform for dialogue where views and concerns on gender mainstreaming issues are shared. The gender focal point is responsible to ensure that gender is mainstreamed in all programmes, policies and activities of the Ministry.

#### **Risk Management Policy**

Ministry of National Infrastructure and Community Development (National Infrastructure Division)		
Purpose	The Risk Management Policy demonstrates the commitment of the Permanent Secretary /Accounting Officer to Risk Management.	
Scope	The policy applies to all activities of the MNI & CD (NI Div.), including those of its Divisions/Units/Sections/ Functions.	

The Permanent Secretary is committed to put in place a process of risk management that is aligned to the principles of good governance.

Risk management is recognised as an integral part of responsible management and the Ministry of National Infrastructure and Community Development (National Infrastructure Division) therefore adopts a comprehensive approach to the management of risk.

An entity-wide approach to risk management has been adopted by the Ministry of National Infrastructure and Community Development (National Infrastructure Division), wherein every key risk in each part of the National Infrastructure Division would be included in a structured and systematic process of risk management.

#### Safety and Health Policy Statement

The National Infrastructure Division of the Ministry of National Infrastructure and Community Development is responsible, *inter alia*, for ensuring that: a) all Government buildings are constructed in an ecofriendly manner and maintained with best applicable environment practices; b) the fleet of Government vehicles are properly maintained, economically and sustainably managed; and c) a modern, safe and efficient land transport system is available for mobility of people and goods. In an endeavour to providing a safe and healthy environment to its employees as well as its customers and preserving its assets and property.

The National Infrastructure Division undertakes, as far as is reasonably practicable, to:

- aim for zero accident while at work and zero case of work-related ill-health;
- provide and maintain safe plant and equipment;
- ensure safe use, handling, storage and transport of equipment and materials;
- sensitize, train and supervise employees on their safety and health at work; and
- revise and review periodically this Policy in consultation with its employees in accordance with the Occupational Safety and Health Act 2005.

#### **Anti-Corruption Policy Statement**

The Anti-Corruption Policy for the National Infrastructure Division is 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.

The National Infrastructure Division is committed to promoting and adhering to the highest standards of probity, transparency and accountability in the operations and management of its organization.

Through this Policy, the National Infrastructure Division engages itself to fully and unequivocally adopt a zero-tolerance stance towards corruption and other malpractices and shall ensure compliance with the anti-corruption legislation.

# **Our People**

The National Infrastructure Division is headed by a Permanent Secretary who is also the Accounting Officer. He/She is assisted by 3 Deputy Permanent Secretaries, 4 Assistant Permanent Secretaries and other officers of the professional and technical cadres as well as officers of the general services.

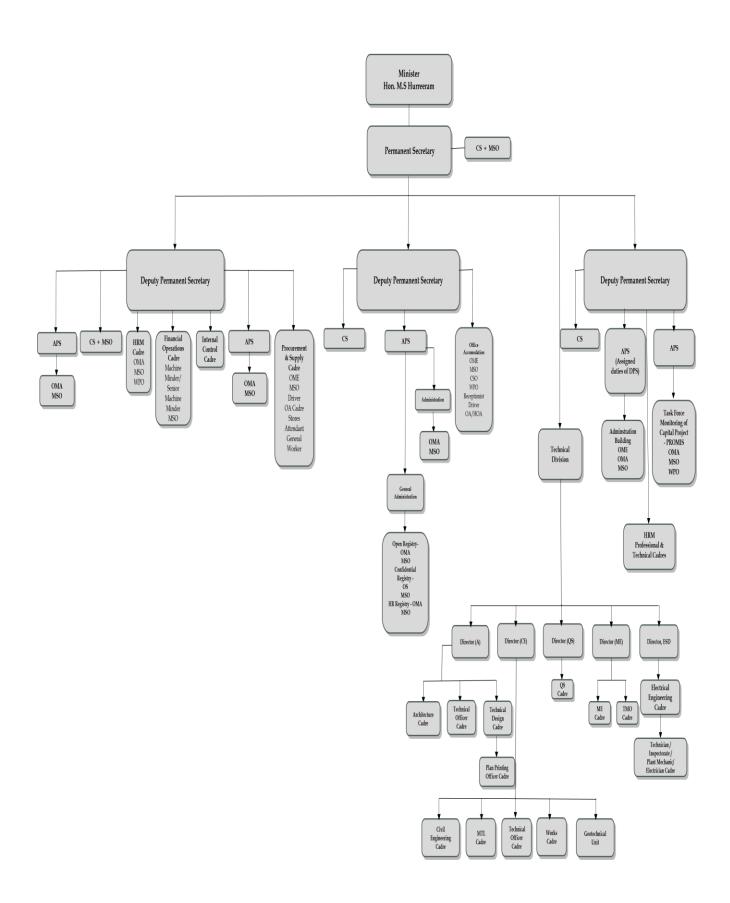
The Division comprises two main Sections, namely the Roads Section and the Building Section. The Roads Section deals with all issues pertaining to roads where the technical arm is the Road Development Authority.

The Building Section of the National Infrastructure Division is organized into five sub-sections, namely, Architect, Civil Engineering, Mechanical Engineering, Quantity Surveying and the Energy Services Division (ESD). Each of these sub-sections is headed by a Director, who is supported in his/her functions by Deputy Directors and a team of officers from the professional and technical cadre as well as employees from the workmen's cadre.

#### **Human Resources for FY 2023/2024**

The National Infrastructure Division had, as at 30 June 2024, a total of 1,097 employees in various grades, with most of the officers in the professional and technical cadres as well as the workmen's class being of male gender. On the other hand, the vast majority of the officers from the General Services were of female gender.

Staffing Structure			
Grade	No. of Male Staff	No. of Female Staff	Total No. of Staff
Professional Cadre and Technical Grades	261	33	294
Inspectorate Cadre	18	4	22
Pre-Registration Trainee Engineer (Civil, Mechanical, Electrical and Architect)	34	9	43
Administrative Cadre	5	4	9
Human Resources Cadre	1	10	11
Finance Cadre	2	14	16
Procurement and Supply Cadre	7	5	12
Internal Control Cadre	2	2	4
Officers from Central Information Systems Division (CISD)	0	3	3
Safety and Health Officer	1	0	1
Secretarial Class		25	25
General Services	30	132	162
Telephonist/Receptionist	1	4	5
Printing Class	0	2	2
Workmen's Class	399	78	477
Machine Minder/Senior Machine (Bindery)	1	0	1
Senior Adviser	3	0	3
Adviser on Public Relations Matters	1	0	1
Geotechnical Expert on Contract	1	0	1
Geotechnical Specialist	1	1	2
Service to Mauritius Intern	2	0	2
Facilities and Maintenance Officer	1	0	1
Total	771	326	1097



#### **Our Stakeholders**

Our key stakeholders are Ministries/Departments, contractors, consultants, services providers and suppliers operating in the construction industry as well as the general public.

During 2023-2024, the NID had provided consultancy services in the implementation of infrastructural projects and maintenance of buildings and infrastructure for all Ministries and Departments. In addition, the Division had also assisted several Ministries and Departments in the acquisition and maintenance of vehicles, plants and equipment.

As at March 2024, 1,873 contractors, 348 consultants, 204 service providers and 50 suppliers, operating in the construction industry, were registered with the Construction Industry Development Board.

Moreover, the Road Development Authority had recourse to the services of contractors and consultants for the implementation of new road projects and for maintenance of the existing road network.

#### **Statutory Bodies**

The National Infrastructure Division has five statutory bodies operating under its purview.

Two of these bodies, namely the **Road Development Authority (RDA)** and the **Construction Industry Authority (CIA)** are the technical arms of the Ministry in carrying out road development projects and exercising control and regulating the construction industry respectively. Theses bodies operate as autonomous entities and have their own goals and objectives. They are the executive arms of the Ministry in supporting and promoting its vision, mission and objectives. Each body is managed by a Board of Directors, appointed by the Government, which sets the policies and directions of its operations. The Board appoints the officer in charge under different types of denominations according to the respective Act. The Officer-In-Charge is responsible for the day-to-day management of the organization.

The other three statutory bodies have been set up to regulate and control the professional cadres in the construction industry, namely architecture, engineering and quantity surveying.

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# **PART II: MAIN ACHIEVEMENTS**



The Road Development Authority

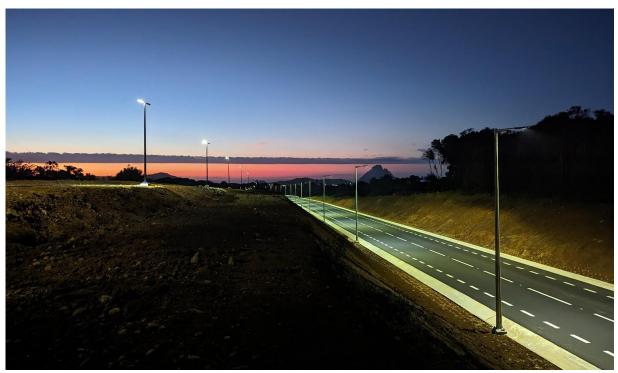
#### **Major Achievements**

#### **Status on Implementation of Budget Measures**

For the Financial Year 2023/24, a total sum of Rs 3,535.8M was spent in the realisation of the different projects (including Road Decongestion Programme, Covid-19 Project Development, NECCF Projects, PDF and Maintenance & Rehabilitation of existing roads) as compared to the budgetary provision made at an amount of Rs 3,323.1M. This represented an unprecedent expenditure of around 106.4% of the initial amount budgeted.

#### Projects completed in 2023/2024

Project	Project Value (Rs M)	Payment Effected as at 30 <sup>th</sup> June 2024 (Rs M)
Construction of la Vigie La Brasserie Beaux Songes Link Road – Phase 1	781.94	762.40
Construction of SAJ Bridge	2974	2,876.31
Construction of a Bridge at Baie du Tombeau (in lieu of Pont Bruniquel)	171.2	107.1
<b>Upgrading of B28 Road (Lot 3-Phase 2) from Beau Champ to Bel</b>	156.2	113.9
Air		
Construction of Bois Cheri Bypass	256.80	158.0
Flood Mitigation Anse Jonchée along B28 Road	183.53	170.3
Counter Measure Works to Slope Failure at Batelage Souillac	95.6	74.7
Slope Failure at Rivière des Creoles along A15	79.8	71.6
Purging of Rock and Provision of Rocknet at Maconde Cliff	52.42	39.5
Grade Separated Junction to link St Pierre Bypass to Verdun	451.0	371.4



Construction of La Vigie La Brasserie Beaux Songes Link Road - Phase 1



SAJ Bridge



Upgrading of B28 Road (Lot 3- Phase 2) from Beau Champ to Bel Air



Construction of a Bridge at Baie du Tombeau (in lieu of Pont Bruniquel)

# Ongoing Projects in 2023/2024

Project	Project Value (Rs M)	Cumulative Payment as at 30 <sup>th</sup> June 2024
Interchange construction and Improvement along M3-A14 corridor at Ebene	524.2	448.5
La Brasserie – Beaux Songes – Phase 2 (Works &	1597.8	558.9
Consultancy)		
Construction of Flic en Flac bypass from Pierrefonds	1257.9	241.6
to Xavier (Works & Consultancy)		
Upgrading of Holyrood Road	74.5	8.6
Construction of a Flyover on Motorway M1 at La	281.8	69.6
Vigie		



Construction of Flic-en-Flac bypass from Xavier to Pierrefonds



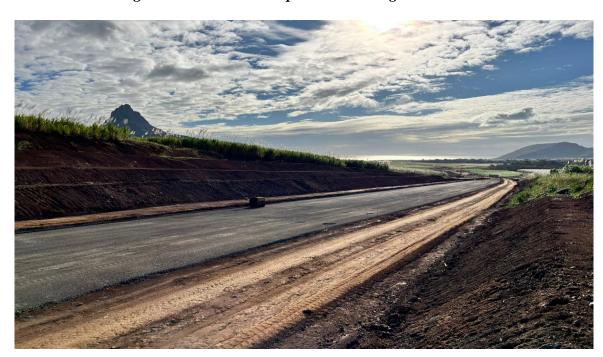
Construction of a Flyover on Motorway M1 at La Vigie



Upgrading of Holyrood Road



Interchange construction and Improvement along M3-A14 corridor at Ebene





# Slope Stabilisation near Rivière des Anguilles Bridge

# Clearances/Development Permit granted by the RDA

Applications processed/Views submitted & follow up on Developments	Number of Applications Processed
Building and Land Use Permit (BLUP)	362
New Social Living Development (NSLD)	12
National Housing Development Corporation (NHDC)	17
Smart Cities & Property Development Scheme (PDS) (through the Economic Development Board)	17
Petrol Filling Stations (through Local Authorities & NLTA)	14
Environment Impact Assessment (EIA) & Preliminary Environmental Report (PER)	60
Morcellement (through the Morcellement Board)	912
Outline Planning Permission (OPP)	3
Land Conversion	14
Total	1411

#### Use of Recycled Asphalt

The Authority introduced the use of recycled asphalt in its road maintenance programme through the Framework Agreement for Maintenance (2020-2023) as part of its policy for as part of its policy on climate change, resilient infrastructure, and sustainable development. During the period under review, RDA pursued it programme regarding the resurfacing of roads with recycled asphalt.

#### Use of Coal Bottom Ash in Road Construction

The University of Mauritius and the RDA, have conducted research on utilising recycled coal ash in road construction. This innovative approach explores the potential of coal bottom ash as a stabiliser in road subgrades and aims to create durable roads. It offers environmental benefits through resource utilization and potentially cost-effective construction. Feasibility testing will be crucial in determining the next steps for integrating this technology into road infrastructure projects.

#### Bicycle Lane Network

The concept of Bicycle lanes aims at enhancing safety and reduce congestion in line with the national policy In line with the vision of Government, the RDA has implemented bicycle lane in new Project namely in the Verdun Bypass project. RDA is ensuring that new projects cater for bicycle lanes in the planning/concept stages

#### Solar Lighting

In line with the 2030 Agenda for Environment and Sustainable Development goals, the Road Development Authority has embarked on two major ongoing pilot projects for the testing of Stand-Alone Solar Led Street Lighting. Taking into account the effectiveness of solar street lighting, the RDA was pursuing with the implementation of such innovative system within the existing and new roads under purview of RDA.

# Erection, display, maintenance, and management of totem structures located along or visible from Classified Roads

In January 2024, the Road Development Authority (RDA) has appointed Media Five Ltd in a joint venture (JV) with PSS-Ralph I.O Ltd, Organic Lawn Care Company Ltd, and POP2Position (Pty) Ltd in an effort to harmonize and standardize all indicative panels, directional signs, and existing totem structures.

As such, Media Five Ltd and its JV partners will now be responsible for the following over a period of three years:

- 1. Erecting, displaying, maintaining, and managing directional panels on totem structures,
- 2. Maintaining, controlling, operating, and managing the entire totem system located along or visible from Main Roads and Motorways,
- 3. Reducing the proliferation of indicative panels, directional signs, and existing totem structures by regrouping them onto standardized totem structures at strategic locations along or visible from Motorways and Main Roads.
- 4. Contributing to the aesthetic appeal of Motorways and Main Roads infrastructure through the high-quality display of totems, thereby achieving a cleaner and greener Mauritius.

#### Tree Management Programme

Due to risks of trees and branches falling on our roads leading to serious and fatal accidents, Government has set up a Tree Management Committee at the level of my Ministry to implement strategies to manage roadside trees. RDA together with Forestry Services have surveyed 50% of classified roads whereby 7,000 trees will have to be lopped/felled.

#### Strategic Direction

The RDA aims to further enhance the road network acting as catalyst for economic growth while ensuring for safety, road decongestion and improved connectivity. Moreover, in line with Government Vision 2020-2024, RDA is gearing towards having round abouts replaced by flyovers to further reduce road congestion.

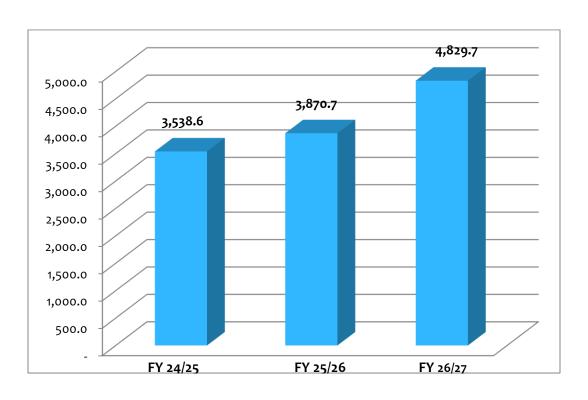
The Authority is looking forward to implement the following new projects, already conceptualised, in line with its three-year delivery plan.

The following provides the estimated budget for Financial Year 2024/25 and the budget forecast for the next three years:

# Estimates for Financial Year 2024/25

RDA EXECUTIVE BUDGET SUMMARY ESTIMATES 2024/25		
		Estimates FY 2024/25
Description		Rs M
Ongoing projects		
Studies		0.3
Construction and Upgrading of Roads		996.41
Bridges		25.9
Climate and Sustainability Fund		156.1
Project Development Fund		1,500.93
Maintenance		600.0
Sub Total - ongoing projects		3,279.64
New Capital projects		
Studies		
Construction and Upgrading of Roads		154.0
Bridges		
Project Development Fund		105.0
Climate and Sustainability Fund		
Sub Total- new projects		259.0
GRAND TOTAL		3,538.64

The Budget forecast for the next three years is shown as hereunder.





#### Setting up of the Construction Industry Authority

The construction industry is a pivotal sector in Mauritius, significantly contributing to the country's GDP and providing substantial employment opportunities. In light of the steady growth in the construction sector over the past few years and the need for improved regulation and oversight, it was decided that the Construction Industry Development Board (CIDB) and the Building Control Advisory Council (BCAC) be merged into the Construction Industry Authority (CIA) as a consolidated body to oversee the sector's growth and development. This measure was announced in the Budget Speech 2022/2023The aim of this strategic move was also to enhance the efficiency and effectiveness of the construction industry governance.

Following extensive consultations with industry associations, relevant Ministries and other agencies, the CIA, in collaboration with the Ministry of National Infrastructure and Community Development, drafted the Construction Industry Authority Bill, which outlined the enlarged roles, responsibilities and powers of the new Authority.

The Construction Industry Authority Bill was subsequently passed in the National Assembly, marking a significant step towards formalizing the establishment of the CIA. The CIA Act was gazetted in December 2023, and itwas subsequently proclaimed such that the new apex body came into operation on 01 April 2024.

The establishment of the Construction Industry Authority is a significant milestone for the construction sector in Mauritius. Through careful planning and collaboration with stakeholders, the CIA aims to drive growth, improve regulatory compliance, and ensure the sustainable development of the industry. The Government's commitment to this initiative reflects its broader strategy for economic development and job creation in the country, as well as improved capacity building of the workersin the industry.

#### Strategic Initiative Workshop to kickstart the CIA operations

In May 2024, the Construction Industry Authority (CIA) hosted a workshop bringing together all the Board Members, its Senior Management Team and Senior Officials of the Ministry of National Infrastructure and Community Development to discuss strategic initiatives necessary for the effective establishment of the CIA.

The primary objectives of the workshop were to identify strategic initiatives for the proper set up of the CIA, develop a structured action plan and foster collaboration and communication among stakeholders in the construction sector.

The workshop focused on formulating a comprehensive action plan including short, medium, and long-term actions and was a landmark event. By engaging various stakeholders represented in the Board and collaboratively developing an action plan, the CIA has taken small steps to address the challenges and broaden opportunities within the construction sector.

#### Registration of Providers of Construction Works and Construction Services

The Registration of Contractors, Consultants, Suppliers of Construction Materials, Plant and Equipment and other Service Providers is one of the main functions of the CIA. Contractors and Consultants must renew their registration annually, whereas Suppliers of Construction Materials, Plant and Equipment and other Service Providers must renew their registration every two years.

The table below depicts the number of registrations granted during the period starting 01 July 2023 and ending 30 June 2024 (including the transition from the CIDB to CIA) to Consultants, Contractors, Suppliers of Construction Materials, Plant and Equipment and other Service Providers.

Contractors	Number
Local Contractor	1675
Foreign Contractor (Provisional)	67
Foreign Contractor (Temporary)	77
Joint Venture Contractor (Provisional)	46
Joint Venture Contractor (Temporary)	8
Total	1,873
Consultants	
Local Consultant	266
Foreign Consultant (Provisional)	38
Foreign Consultant (Temporary)	24
Joint Venture Consultant (Provisional)	15
Joint Venture Consultant (Temporary)	16
Total	359
Others	
Suppliers of Construction Materials, Plant and Equipment	45
CAD Operators	192
Technicians in Construction	2
Total	239

#### **Other Workshops and Seminars**

#### (i) Why Projects Fail to Deliver on Time and Budget?

Construction projects serve as the yardstick of progress and development. They shape the skylines, connect communities, and enhance our daily lives. However, the road to achieving such vision is not always smooth. Often, we witness projects facing delays and cost overruns, causing disappointment and losses for all stakeholders involved.

To mitigate these risks, effective project planning, experienced project management, accurate cost estimation, open communication and proactive risk management are crucial. Additionally, use of modern construction management tools and technologies can help streamline processes and reduce the likelihood of project delays and cost overruns.

With a view to addressing the key issues concerning project failures, the CIDB held a Workshop to discuss how the success rate on construction projects could be increased.

During the Workshop, the causes of project failures were analyzed and discussed, and realistic solutions were recommended. Participants had the opportunity to share their experience and learn on best practices to deliver projects on time and within budget.

Some 90 participants attended the Workshop.

#### (ii) Estimation for Bidding Purposes

In the fiercely competitive landscape of the construction industry, accurate estimation stands as the cornerstone of successful bidding processes. It serves as the bedrock upon which successful projects are built.

Accurate estimation also forms the basis for budgeting, resource allocation, risk assessment and ultimately, the overall success of a construction project. It helps in aligning the necessary resources according to project requirements, ensuring smooth operations and timely project completion.

In order to provide an opportunity to Contractors, especially Small and Medium ones and other stakeholders to discuss and learn on how accurate estimations can be prepared, the CIDB held a Workshop in August 2023 where some 80 participants attended the Workshop.

## (iii) Health and Safety Regulations, Hazard Identification and Risk Management on Construction Sites

The construction industry is prone to significant levels of risk, with a relatively higher rate of fatal and serious injuries. Construction workers are exposed to a variety of health hazards every day and face the risk of being victims to ailments and some forms of physical disability. In such a dangerous environment, workers' health and safety are fundamental.

Every employee has the right to work in a safe environment and Employers have a moral obligation to provide same. Therefore, it is vital to manage occupational health and safety on construction sites to protect human life.

With a view to promoting health and safety, the CIDB held a Workshop in October 2023 to introduce participants to the health and safety measures that should be implemented to reduce work-related accidents in the construction industry.

The participants had the opportunity to share their experience and learn on best practices to help them carry out risk assessment in a systematic manner and identify and evaluate hazards on construction sites.

	Budget Para	Budget Speech 2023/24	Implementing Agency	Status
_				The CIA was requested to peruse a
	250	Introduction of the Construction Contracts (Special Provisions) Bill to support small contractors in their working capital.	Construction Industry Development (CIDB)	previous draft legislative framework and update same.  A Sub Committee is being set up at the level of the CIA to prepare the draft legislation. Consultations would be held with all relevant stakeholders of the construction industry to further improve the content of the draft legislation, before submission to the Ministry.

## Status on Implementation of Key Actions

Outcome	Outcome Indicator	Target 2023/24	Achievement as at 30 June 2024	Remarks
(i) Safe and modern road infrastructure (ii) Island-wide reliable and effective drainage system	Km of new classified road projects completed (Cumulative since 2020)	20	21	

<b>Delivery Unit</b>	Main Service	Key Performance Indicator	Target 2023/24	Achievement as at 30 June 2024	Remarks
Technical Division (MNI)	Design and contract administration of building projects	Preliminary design completed within 1 month from date of requests from client Ministry	75%	60%	It has to be highlighted that the preliminary design stage comprises several steps such as site surveys, discussions with the Client on project requirements, pegging of site by the MHLUP in certain cases, land acquisition at times and development of the preliminary drawings on approval of the Client. These processes are time consuming and can hardly be achieved in 1 month. Also, abortive designs are also prepared when Clients either keep changing their requirements and/or inform that funds are not available for projects.  The KPI has accordingly being reviewed for FY 2024/2025.
Construction Industry Development Board (CIDB)	Registration of consultants, contractors, suppliers and service providers of the construction industry	Number of registered consultants, contractors, suppliers and service providers	2,400	2475	

		Construction of La Vigie- La Brasserie Link Road	100%	100%	
		Construction of La Brasserie- Beaux Songes Link Road	80%	46%	The target could not be achieved due to delay from Utility Service Providers for relocation of services, adverse weather conditions and land acquisition issues.
Road Development Authority (RDA)	Develop and maintain a high standard classified road network,	Construction of Flic en Flac bypass	50%	35%	The target could not be achieved due to delays in the award of the project.
Tunioney (TDT1)	including highways	Construction of Flyover at Terre Rouge Roundabout	80%	60%	Delays were encountered due to inclement weather conditions and relocation of services.
		Flood Mitigation Measures at Anse Jonchee	100%	100%	
		Upgrading of Savanne Road from La Flora to Tyack	80%	30%	Delays were encountered due to land acquisition issues

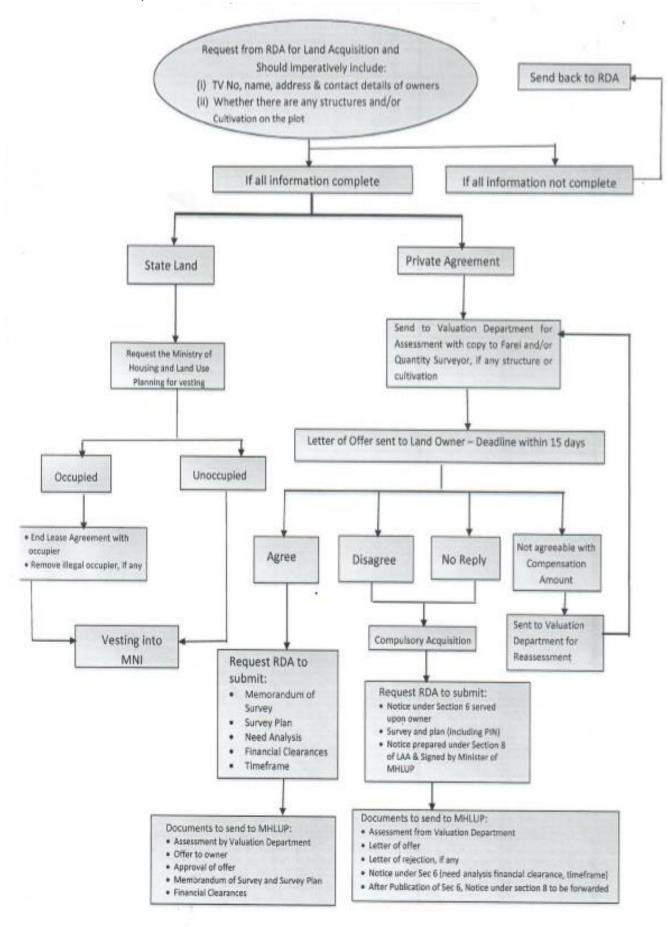
### Roads Section - Land Acquisition

## Acquisition of Land in respect of Road Infrastructure Projects

Land acquisition refers to the process whereby a person is compelled by a public body to alienate all or part of the land he or she owns to the ownership and possession of that entity, for public purpose, in return for a compensation. The procedure of land acquisition, which is one of the major component in infrastructure projects, comes into operation during the concept and design stage of projects undertaken by the Road Development Authority. According to the Land Acquisition Act under the Ministry of Housing and Land Use Planning (MHLUP), whenever compulsory acquisition is carried out by Government, the Act provides for the payment of adequate compensation to the owner. The Act also makes provision for challenge of legality of the acquisition of the property, recourse to Board of Assessment, amongst others.

Prior to year 2019, all acquisitions were carried out compulsorily at the level of the Ministry. As from 2019, there was a request from the MHLUP that negotiations **should** be carried out with land owners. However, acquisitions of land through negotiations are lengthy and sometimes cumbersome given in some cases the land owners are not agreeable with the amount being offered and request for reassessment or even challenge the legality of the acquisition. Therefore, with a view to better managing the land acquisition procedures, the following work flow has been devised as a guideline:

## Land Acquisition Procedures Workflow – National Infrastructure Division



To facilitate the process, negotiation meetings are held with land owners in the presence of representatives of the Valuation Department with a view to reaching a consensus on the amount of compensation and securing entry on site to enable the RDA to proceed with the works.

During Financial Year (FY) 2023/2024, **209** new land acquisitions were initiated and a total of **527** land acquisitions were ongoing. As at end of this FY, land acquisition has been completed for 65 portions as follows:

## Land vested in the Ministry for FY 2023/2024

Serial No.	Project	Private Land	State Land	Total
•	Realignment of Beau Champ Bridge at Bel Ombre	-	2	2
2.	Vesting of land for the construction of footpath along Cote D'Or Road (B48) at Hermitage	9	-	9
3.	Vesting of land for public purpose of construction of a new culvert at Desire Road Chamarel	1	-	1
4.	Construction of drains and culvert along classified road Bel Air near Mediclinic	1	-	1
5.	Slope Failure at Riviere des Creoles along A15- Stabilisation Works	3	-	3
6.	Construction of Bois Cheri Bypass	22	-	22
7.	Construction of Additional Lane Along La Marie- Petrin- Chamouny Road B102	-	1	1
8.	Upgrading of Savanne Road (A9) from La Flora To Tyack	-	2	2
9.	Countermeasure Works to Slope Failure at Batelage, Souillac	1	4	4
10.	Construction of Flic en Flac Bypass from Xavier to Pierrefonds	-	2	2
11.	Construction of Grade Separated Junctions at Phoenix, Pont Fer	5	-	5
12.	Improvement of Road Safety along Floreal Road (B5)	-	3	3

Serial No.	Project	Private Land	State Land	Total
13.	Upgrading of Quartier Militaire road (B6) from Wooton Flyover to Hampton School	1	5	5
14.	New Traffic Scheme at Rose Hill	-	1	1
Construction of Grade Separated Junction at Wooton		-	4	4
	Total	41	24	65

## Summary of major achievements – Building Section

- Some 201 building projects have been handled by the Architect Section, in collaboration with the other technical sections over the Financial Year 2023-2024.
- The Design Unit of the Civil Engineering Section has prepared structural designs and drawings for 40 capital projects. The Section has also produced 47 structural investigation reports as well as 18 other engineering technical reports.
- Under the Framework Agreement, 261 Works Orders to the tune of some Rs 816 M
   were issued for the implementation of minor upgrading and renovation projects.
- The Materials Testing Laboratory carried out more than 8,300 tests on concrete cube,
   bitumen and soil, generating a revenue of almost Rs 3.8 M.
- The Geotechnical Unit has provided its views/comments regarding the suitability of sites for 43 Environmental Impact Assessment applications, 6 Preliminary Environmental Report Applications and 15 Building and Land Use Permit applications, in line with the requirements of the Planning Policy Guidance 9 and other relevant legislations.
- Following the development of the Landslide Hazard Map showing the risk prone areas around the island, surveys have been carried out at some 62 priority sites, and based on the findings, the actual level of risk is being determined. This exercise will enable the formulation of a landslide management plan.
- The Quantity Surveying Section prepared 26 bidding documents.
- The Mechanical Engineering section has carried out 1480 interventions for the maintenance and repairs of Government vehicles, plant and equipment and 510 examinations with regard to Government Vehicles involved in road accidents. In addition, some 621 repairs/interventions relating to welding works, locksmith services, amongst others were effected.
- The Energy Services Division has carried out around 16,237 interventions (troubleshooting, maintenance, electrical installations, amongst others), and 180 inspections into fire/electrocution cases.
- More than 4,722 requests from Ministries/Departments for minor maintenance works have been attended to by the Inspectorate Cadre.
- Tent facilities of an extent of more than 660,000 ft² were provided for socio-cultural activities through in-house resources.
- Technical assistance/clearances relating to the rental of some 75 private buildings for use by Ministries/Departments have been provided by the Ministry.

- 47 approvals for electrical installations relating to the rental of Office space by the Energy Services Division
- 209 new land acquisitions were initiated and a total of 527 land acquisitions were ongoing. As at end of this FY, land acquisition has been completed for 65 portions.

## Details of major projects completed

The Technical sections of the Ministry have provided consultancy and contract administration services in respect of capital projects implemented by Ministries/Departments. Major completed projects include:

## 1. Construction of Camp de Masque Community Health Centre

Date of start of work - 22 December 2022 Completion date - 14 June 2024

Contract Value - Rs.48,212,800.00 excl. of VAT, incl. contingency sum of

Rs. 1,200,000.00



#### 2. Construction of New Market Fair & Traffic Centre at Goodlands

Date of Start of work - 19 November 2019 Completion date - 15 December 2023

Contract Value - Rs 276,000,000 (incl. of a contingency sum of Rs 2,000,000

and excluding VAT at 15%.

The project consists of the erection of 3 market blocks, 3 service blocks, a food court, a tower complete with a parking area and a traffic centre. Significant justified delays have been faced on the project owing to the repercussions of the Covid-19 lockdowns of 2020 and 2021, and other site issues.



# 3. Conversion of existing classrooms to new specialist rooms at John Kennedy College, Beau Bassin

Date of Start of work - 01 November 2022 Completion date - 01 November 2022

Contract Value - Rs 6,100,000 (incl. of a contingency sum of Rs 600,000 and

excluding VAT at 15%.



## 4. Construction of new Specialist Rooms at Royal College Curepipe Academy

Date of Start of work - 22 November 2023 Completion date - 08 March 2024

Contract Value- Rs. 7,833,660.00 (incl. of a contingency sum of Rs

500,000.00 and excluding VAT at 15%.



## 5. Construction of Barracks for the SMF, Phoenix

Date of Start of work - 04 January 2023 Completion date - 09 November 2023

Contract Value - Rs 20,100,200.00 (incl. of a contingency sum of Rs

1,200,000.00 and excluding VAT at 15%.

# 6. Construction and Renovation of Classroom Block into Specialist Room/ Academies at GMD Atchia State College, Port Louis

Date of Start of work - 06 March 2023 Completion date - 04 September 2023

Contract Value - Rs.4,066,300.00 (incl. of a contingency sum of

Rs.400,000.00 and excluding VAT at 15%.

## 7. Construction of Swimming Pool (Bassin D'Apprentissage) at Plaine Des Papayes Government School

Date of Start of work Date of Completion Project Value 25 June 2021 04 August 2023 Rs.36,054,800 incl. of VAT; incl. contingency sum of Rs. 500,000.00



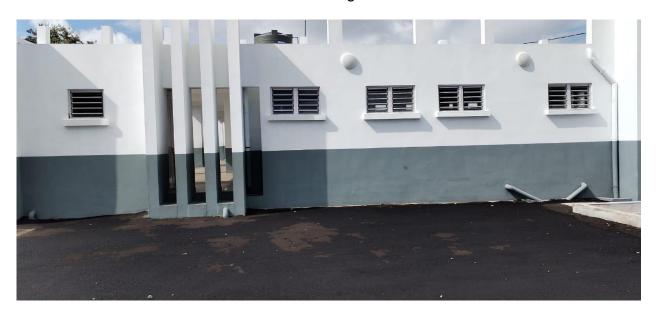


## 8. Construction of New Toilet Block and Covered Passage at Residence Vallijee Government School

Date of Start of work - 02 May 2023 Completion date - 12 March 2024

Contract Value - Rs 10,994,000.00 (incl. of a contingency sum of Rs 300,000.00

and excluding VAT at 15%.



## **Projects implemented under Framework Agreement**

1. Project: Upgrading Works (waterproofing, external painting and site works) at Basant Rai Government School La Rosa





# 2. Project: Monument 'Bato Roche' at Remy Ollier Public Beach, Mahebourg - Restoration Works



## On completion



# 3. Project: Temporary Relocation of Stalls at Curepipe - Roofing Structure (Ongoing as at 30 June 2024)

Before

Work in progress





#### Geotechnical Unit

Under the Economic and Social Development Programme 2020, the Government of Japan has granted an Aid of 600M Japanese Yen to the Republic of Mauritius, with the MNICD being designated as the Recipient of the Grant. It was agreed that the funds be used for the procurement of specialised geotechnical equipment, which would enable advanced soil tests.

A first batch of the equipment, to the tune of 232M Japanese Yen, has been delivered to the Technical section at Phoenix in February 2024. After completion of certain electrical and plumbing works to conform to the requirements of some sophisticated equipment, the testing and commissioning of same was scheduled in August 2024.

A proposed list of equipment and tools, to be procured in a second batch, has already been submitted to the Japanese authorities which are working on the cost estimates.

## **Materials Testing Laboratory**

The Materials Testing Laboratory has carried out a total of 9,035 different types of tests during the year 2022/2023. A breakdown is provided below.

## No of tests performed 01 July 2022 to 30 June 2023 and revenue collected (summarized)

	Concrete	Soil	Aggregate	Bitumen	Field Tests	Total
No of						
tests	7,100	77	574	1,243	41	9,035

## Project implemented by the Energy Services Division

## Capital Projects

Achievements	Quantity	Amount (MUR) / Million
Capital Projects Completed	29	108.1
Capital Projects in Progress	38	265.10
Capital Projects in Design Stage	43	240.44

No. of Capital project handled: 110

## No. of Electrical Projects

Achievements	Quantity	Amount (MUR) / Million
Electrical Projects Completed	107	106.35
Electrical Projects in Progress	139	115.07
Electrical Projects in Design Stage	174	434.70

No. of Electrical project handled: 420

## Number of maintenance contracts for Equipment/Plant/Electrical Services:

Equipment/plant	No. of maintenance Contracts	Amount (MUR) / Million
Air conditioning system	35	26.19
Generator Set	47	8.19
Lift	31	5.57
UPS	73	2.43
Electrical Services	1	25
Any other Equipment/Plant (mortuary, autoclaves, Fire Alarm)	67	12.41

No. of maintenance contracts for electrical equipment/plant/electrical services handled: **254** 

## Number of Electrical Installation Works for Cultural, National and Major Event

Description	Quantity
Electrical Installation	40
Works for Cultural and	
National Events	

## Approval of electrical installations i.c.w. renting of Office space

Description	Quantity
Number of approvals	47
for electrical	
installations i.c.w.	
renting of Office	
space	

## Number of interventions and Investigation into fire/electrocution cases

Description		Quantity
Number	of	16,237
interventions		
Investigation	into	180
fire/electrocution		
cases		

## **Major Electrical Installations and Projects**

This Division has been involved in major Electrical Installation works, and in design and supervision of Electrical and Allied Services. Examples are as follows:

(a) Project Title: Refurbishment of Wards at Level 2, NOPD at Victoria Hospital Project cost (Electrical): Rs 24,846,550 (excl. VAT) Final handing over: July 2023

The project consisted of the refurbishment of wards to accommodate new Stroke Unit (Male & Female) and new wards 16A, 16B, 16C. The project comprised the supply, installation, testing and commissioning of new lighting systems (LED luminaires), new small power systems (sockets), new energy efficient air conditioning systems and a new fire alarm system. A new main distribution board has also been installed in a new technical room, located on the second floor of the New OPD building.



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Fig 2: New Main Distribution Board

Fig 1: New Stroke Unit



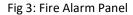




Fig 4: Bed Head Unit with Light

(b) Project Title: Supply, Installation, Testing and Commissioning of Autoclave with inbuilt steam boiler for Main Operation Theatre (MOT) - J. Nehru Hospital (JNH) and New Souillac Hospital (NSH)

Project cost (Electrical): Rs 7,316,199.99 (excl. VAT)

Testing and commissioning exercise for one (1) autoclave for MOT at NSH completed on 19 February 2024.

Testing and commissioning exercise for two (2) autoclaves for MOT at JNH completed on 04 March 2024.

The project consisted of supply, installation, testing and commissioning of two (2) Autoclaves with in-built steam boiler for Main Operation Theatre at J. Nehru Hospital and one (1) Autoclave with in-built steam boiler for Main Operation Theatre at New Souillac Hospital.



Fig 5: Autoclaves at JNH



Fig 6: Air Compressor



Fig 7: Water Filter



Fig 8: In-built Steam Boiler

(c) Project Title: Refurbishment of Heating, Ventilation and Air Conditioning (HVAC) in

Lunch Room of the National Assembly Project cost: Rs 9,268,862.38 (excl. VAT)

Testing and commissioning exercise of HVAC System completed on 24 June 2024

The Lunch Room of the National Assembly is a restricted area where The Speaker of the National Assembly, The Prime Minister, Ministers and all Members of the Parliament (MPs) are served food when there are Parliamentary sessions. The room is also used for other important meetings such as the Task Force, Public Accounts Committee etc.

The project consisted of the installation of four high static ducted type air conditioning systems inclusive of piping and electrical works. New (polyisocyanurate) PIR pre-insulated ducts were installed inside both existing and new wooden ducts. Provision was also made under the project for installation of two Air Treatment Equipment in the Lunch room of the National Assembly.



Fig 9: Lunchroom



Fig 10: Outdoor Air-conditioning system



Fig 11: Indoor Air-conditioning System



Fig 12: Electrical Panel

## Projects Implemented by the Mechanical Engineering Section

## **Summary of Activities carried out by MES**

SN	Description	Number
1	Interventions for maintenance and repairs of Government vehicles, plant and equipment	1480
2	Examinations of Government and Third-party vehicles involved in road accidents/incidents and floods	510
3	Investigation carried out in fatal and serious road accidents	166
4	Supervision of maintenance, repairs and certification of claims for vehicles at local Representatives	761
5	Supervision of maintenance, repairs and certification of claims for vehicles used by VIPs.	
	Repairs	1193
	Claims	979
6	Commissioning of new vehicles procured for VIPs	48
7	Examination of flooded vehicles following cyclone Belal on behalf of the Financial Services Commission	316
8	Vehicles examined at the request of the MRA	
	Counter-examination of vehicles acquired duty free involved in accidents and declared as 'Total Loss'	71
	Examination of vehicles adapted/modified/ for handicapped persons	4
	Conversion of vehicles into Ambulances and Hearses	5
9	Drafting of specifications for vehicles, plant and equipment for tender purposes	76
10	Commissioning of new vehicles, plant and equipment	46
11.	Repairs and Maintenance works (welding, locksmith services and others) undertaken by the by the Mechanical Workshop.	621

## **Assessment of damaged vehicles**

In addition, in the aftermath of cyclone Belal in 15 January 2024, the Financial Services Commission set up a special desk to assist those persons whose vehicles were damaged in the flood. In this respect, the MES assessed the cost of repairs of the damaged vehicles as submitted by the motor vehicles valuers. As at date, the MES has assessed 316 vehicles.

## Risk Management, Citizen Oriented Initiatives and Good Governance

#### **Internal Control**

#### Introduction

The Annual Report gives an overview of the internal audit functions, activities, achievements, major findings and recommendations of the Internal Control Unit of the Ministry of National Infrastructure and Community Development (National Infrastructure Division) for the financial year 2023/24. This report has been prepared as per the requirement of the Internal Audit Standard Operational Procedure Manual (IASOPM).

## **Key Functions of the Internal Control Unit**

Internal Auditing is an independent and objective assurance and consulting activity that is guided by a philosophy of adding value to improve the operations of the Ministry of National Infrastructure and Community Development (National Infrastructure Division. It assists Management in accomplishing its objectives by bringing a systematic and disciplined approach to evaluate and improve the effectiveness of the organization's governance, risk Management and control processes.

The Internal Auditing Staff shall govern themselves by adherence to The Institute of Internal Auditors' "Code of Ethics." The Institute's "International Standards for the Professional Practice of Internal Auditing" (Standards) shall constitute the operating procedures for the department. The IASOPM delineates the policies, standards, and procedures which govern the internal audit function.

#### Structure of the Internal Control Unit

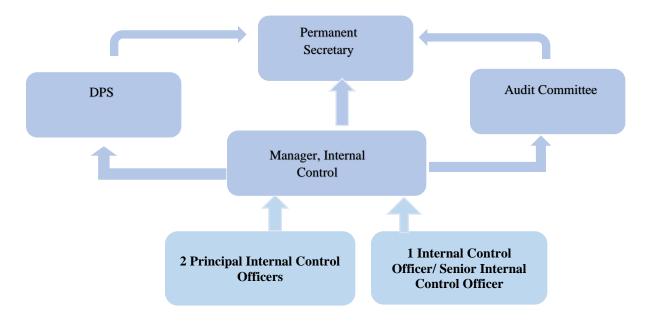
The Internal Control Cadre, which falls under the aegis of the Ministry of Finance, Economic Planning & Development, provides internal audit services to Ministries/Departments. The Internal Control Unit of this Ministry is headed by a Manager Internal Control.

Staff forming part of the Internal Control team as at 30 June 2024 are listed in Table 1.

Table1: Staff of Internal Control Unit as at 30 June 2024

1 0010	rabio i. Clair of internal Control Cint ac at 60 carlo 202 i			
SN	Grades	Name of Officers		
1.	Manager Internal Control	D.Ramdowar		
2.	Principal Internal Control Officer	Mrs M.Soojhawon		
3.	Principal Internal Control Officer	J.Meetoo		
4.	Internal Control Officer/ Senior	Mrs K.Doobah		
	Internal Control Officer			

To maintain the independence and objectivity of the internal audit function, the Assistant Manager, Internal Control reports directly to the Accounting Officer. The Audit Committee oversees the proper functioning of the Internal Control Unit. The Organisational Structure is depicted below:



#### Status of Annual Internal Audit Plan 2023/24

#### Achievements

After consultation with the Accounting Officer, Audit Committee and other stakeholders, a risk-based internal audit plan was prepared in line with the Ministry's strategies, objectives and associated risks for the Financial Year 2023-24.

The aim of the plan was to evaluate and monitor the adequacy and effectiveness of the accounting and internal control systems. The unit established an audit universe, and potential audits were evaluated using certain risk factors and ranked from the highest risk to the lowest risk. The objectives of these audits were to determine compliance with applicable Ministry's rules and regulations.

The Accounting Officer and the Audit Committee are informed of the performance achievement relative to the plan on a quarterly basis.

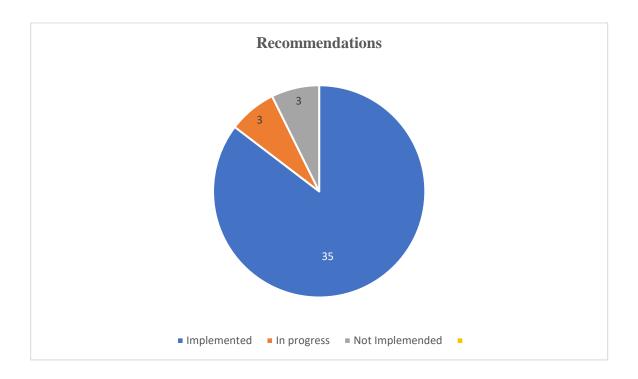
During the Financial Year 2023-24, 17 audit engagements were planned. 12 engagements representing **71** % of the Annual Internal Audit Plan were completed. In addition, a total of 6 unplanned audits were completed during the financial year 2023/24.

19 final reports were issued for planned, unplanned and follow up audit engagements for financial year 2023/24. The total number of agreed recommendations for the financial year 2023-2024 was **84**.

## **Follow Up Audit**

Follow up is conducted on engagement findings and agreed recommendations to ascertain corrective actions initiated. All recommendations not implemented are referred to the Audit Committee.

Follow up audit was carried out on 41 Recommendations made in the Financial Year 2021/22, 2022/2023 and 2023/2024 to determine the status of recommendations implemented. At least 85 % of the recommendations has been implemented with 15 %, still in progress. Results of the follow up audit are illustrated in the PIE Chart.



## **Unplanned Audits - Special Assignments**

During the Financial Year 2023/24, over and above the planned engagements, at the request of Management/ Audit Committee and upon approval of Director, Internal Control 6 special assignments were entrusted to the Internal Control Unit, out of which 5 have been completed as shown in Table 3, have been carried out

Table 3: Special Assignments Completed During Financial Year 2023/24

		Report Status	
S/N	Project Name	Date of Report	Number of Recommendation s
1	Project funded by NECCF	30.10.23	
2	Surprise Site visits – North Outstations	24.10.23	
3	Anonymous letter- Cascavelle Government School.	21.04.24	3
4	Review of Internal Control System following theft at the warehouse- Mechanical Division	15.07.24	8
5	Surprise Site Visits- South & Central Outstations	20.06.24	

The following Audits which could not be completed have been rolled over in the Annual Internal Audit Plan 2024/25.

S/N	Auditable Areas
1	System audit- Technical Unit Phoenix
2	Accident Unit- Mechanical Division
3	Procurement- Phoenix
4.	Warehouse- Plaine Lauzun
5.	Automobile repair Section

## Findings and Recommendations

After completing the audit engagement, Exit Meeting was held with Management and the Auditee to discuss the findings and the proposed recommendations. Recommendations made by Management for improvement or remedial actions, were taken into consideration to finalise the Implementation Action Plan.

## Achievements for the year 2023-24

S N	Project Name	Project Number	Date of Report	Number of Recommendations
1	Compensation of Employees	ICC/MNI&CD/23- 24/COE/01/02	14.02.24	19
2	Transport- Head Office	ICC/MNI&CD/23- 24/TRA/02/029	07.12.23	15
3	Transport- Outstations	ICC/MNI&CD/23- 24/TRA/04/113	15.04.24	11
4	Capital Project- Chamarel	ICC/MNI&CD/23- 24/PRD/07/198	18.04.24	1
5	Capital Project- Goodlands Market fair	ICC/MNI&CD/23- 24/PBL/03/64	15.07.24	2
6	Warehousing- Head Office	ICC/MNI&CD/23- 24/WRE/08/202	30.5.24	4
7	Warehousing- Phoenix	ICC/MNI&CD/2324/ WRE/08/202a	30.05.24	2
8	Capital Project- D.Ramphul	ICC/MNI&CD/23- 24/PBL/10/262	22.05.24	-
9	Asset Management- Head Office	ICC/MNI&CD/23- 24/AST/06/209	15.04.24	6
1 0	Contract Management- Head Office	ICC/MNI&CD/23- 24/CM/09/251	15.07.24	4
1 1	Material Testing Lab	ICC/MNI&CD/23- 24/LAB/11/315	15.07.24	15
1 2	Attendance- Phoenix Division	ICC/MNI&CD/23- 24/12/315	12.08.24 (D)	5
	TOTAL			84
	% Completed			71 %

#### **Audit Committee for FY 2023/24**

The composition of the Audit Committee for Financial Year 2023/2024 was as follows:

Name	Designation	Designation in Audit Committee
Mrs Taslimah Bibi Codadeen	Deputy Permanent Secretary	Chairperson
Mr Sanjay Kumar Ramdyal	Director (Quantity Surveying)	Member
Mr Dashwanyl Jhuboo	Director (Civil Engineering)	Member
Mrs Barender Kaur Appadoo (Up to 29 February 2024 when she retired from service)	Deputy Director (Architecture)	Member
Mr Rabindra Thaunoo (In replacement of Mrs B.K. Appadoo)	Acting Deputy Director (Architecture)	Member
Miss Rameshwaree Rambaccus	Assistant Permanent Secretary	Secretary

In compliance with the Audit Committee Charter, the Audit Committee met on six occasions, and Committee members attended the meetings as scheduled.

Name	No. of meetings attended
Mrs Taslimah Bibi Codadeen	6
Mr Sanjay Kumar Ramdyal	5
Mr Dashwanyl Jhuboo	5
Mrs Barender Kaur Appadoo	4

For the Financial Year 2023/2024,

- (a) The Audit Committee considered a total of 55 issues/recommendations as hereunder:
  - 8 issues raised by the National Audit Office in its Management Letter for the year ended 30 June 2022;
  - (ii) 31 recommendations of the Internal Control Reports; and
  - (iii) 16 recommendations from a report by the Office of Public Sector Governance.
- (b) 30 issues/recommendations were addressed/implemented fully;
- (c) the progress of implementation for 6 issues/recommendations is more than 50% while that of 4 issues/recommendations is below 50%;
- (d) action would be initiated to address/implement 15 issues/recommendations; and
- (e) the Audit Committee followed up on areas of risk management and control, governance and values and ethics.

## **Composition of the Anti-Corruption Committee**

S/N	Name	Grade	Designation
1.	Mr G. Bundhooa	Ag. Permanent Secretary	Member
2.	Mrs T. Codadeen	Deputy Permanent Secretary	Member
3.	Mr V. Joysuree	Deputy Permanent Secretary	Member
4.	Mr B. Appanah	Manager, Human Resources	Member
5.	Mr A. Nohur	Manager, Procurement and Supply	Member
6.	Mrs L. Cavaree	Manager, Financial Operations	Member
7.	Mr D. Ramdowar	Manager, Internal Control	Member
8.	Mrs S. Jaypal	Director (Architecture)	Member
9.	Mr P. Ramful	Director (Mechanical Engineering)	Member
10.	Mr S. Ramdyal	Director (Quantity Surveying)	Member
11.	Mr S. Jingree	Deputy Director (Energy Services Division)	Member
12.	Mr A. Jhuboo	Ag Director (Civil Engineering)	Member
13.	Mr K. Koonjul	Chief Corruption Officer (ICAC)	Ex-Officer
14.	Miss R. Rambaccus	Assistant Permanent Secretary	Integrity Officer
15.	Mr Y. Tackoory	Assistant Permanent Secretary	Integrity Officer

The Anti-Corruption Committee met on 20 October 2023 to review the Corruption Risk Assessment Chart. It was agreed that all sections should work in coherence and ensure that control systems used are effective and functional. It was agreed that an implementation scheduled would have to be worked out based on the Corruption Risk Assessment Chart.

## **Composition of the Risk Management Committee**

Name	Designation	Roles
Mr G.Bundhooa	Ag. Permanent Secretary	Chairperson
Mr A.Domun	Deputy Director, Quantity Surveying	Member
Mr D.Chinasamy	Deputy Director, Civil Engineering	Member
Mr R.Callychurn	Deputy Director, Architecture	Member
Mr D. Ramdowar	Manager, Internal Control	Member
Mr S.Emambucus	Office Management Assistant	Secretary
Mrs S.Bissessur	Management Support Officer	Secretary

## **Gender Mainstreaming**

## 1. Psychological Counselling

In line with the development of the Capacity Building Plan based on the Gender Policy, three half-days' awareness sessions on Psychological Counselling were held on 15, 24 and 29 November 2023, respectively. The sessions were conducted by Mrs Karen Ladouceur Guiff, Clinical Psychologist at the Ministry of Health and Wellness, with the objective to raise mental health awareness for its staff. Around 90 officers of different cadres of this Ministry participated in the awareness sessions.

## 2. International Women's Day

In the context of the International Women's Day Celebration 2024, and with a view to promote a healthy lifestyle for women, provision has been made by the Ministry to offer jumping ropes to all female staff.

## 3. Gender Concept

On 14 May 2024, a half-day awareness session on Gender Concept was organised by this Ministry. Mrs Balgobin, Family Welfare and Protection Officer, from the Ministry of Gender Equality and Family Welfare, acted as resource person for the session. Around 75 Officers from different grades of the Ministry attended the awareness sessions.





## 4. Mother's Day

Roses and chocolates were distributed to all officers of the Head Office to commemorate Mother's Day on 26 May 2024.

### Gender Cell

The Gender Cell of the Ministry has been reviewed and is composed of the following officers: -

- (a) Mrs T. Codadeen, Deputy Permanent Secretary and Gender Focal Point (Chairperson);
- (b) Mrs B. K. Appadoo, Deputy Director (Architecture) and Alternate Focal Point;
- (c) Mr R. Bahadoor, Executive Director, CIDB
- (d) Mr D. Rampersade, Architect/Senior Architect;
- (e) Mrs E. Sockalingum-Canhyee, Engineer/ Senior Engineer;
- (f) Mrs S. Gungah-Bhurtun, Quantity Surveyor/Senior Quantity Surveyor;
- (g) Mr A. Naugah, Deputy Director, Mechanical Engineering;
- (h) Mr R. Ramsurn, Lead Electrical Engineer;
- (i) Mrs L. Cavaree, Manager, Financial Operations;
- (j) Mr A. Ramakrishnan, Office Management Assistant, RDA
- (k) Miss S. Jeewon, Management Support Officer; and
- (I) Mrs P. Iyemparooma, Assistant Permanent Secretary (Secretary)

## **Training Committee**

It is said that the greatest asset in an organization is its people. In this context and in line with Government policy to foster excellence in the public service, the National Infrastructure Division of the Ministry has left no stone unturned in providing training opportunities to employees to better equip them with the necessary knowledge, skills and competencies to help them in performing their duties efficiently and effectively, resulting in upskilled employees.

## 2. The Training Committee comprises the following members

Name	Designation
Mrs. T. Codadeen	Deputy Permanent Secretary
Mr.S. Ramdyal	Director, Quantity Surveying
Mr. R. Callychurn	Ag. Director
Mr. D. Chinasamy	Ag. Director, Civil Engineering
Mr. P. Ramful	Director, Mechanical Engineering
Mr. S. Jingree	Deputy Director, Energy Services Division
Mrs. B. Appanah	Manager, Human Resources
Mrs. S. Chundunsing	Assistant Manager, Human Resources
Mr. A.R. Baureek	Lead Engineer

## Training for Financial Year July 2023 – June 2024

Some **456** staff of the Administrative, Professional Technical, General Services, Financial and Workmen's Cadre of all levels have benefited from several training courses and Capacity Building and Capability Development Programmes conducted by the Civil Service College Mauritius (CSCM) and in –house training courses organised at the level of this Ministry. It is noteworthy to point out that these training programmes have been dispensed by experienced resource persons identified by the Civil Service College.

## In- House Training

This type of training generally encourages, motivates and attracts a large number of staff to participate and also enhances their skills and knowledge. Out of 28 training programmes held during the financial year July 2023 to June 2024, 4 in-house training courses were held. The response rate has been very positive.

## **Training on Business Continuity Plan (BCP)**

It is essential that, in the event of a crisis, government operations should be maintained with a minimal disruption in service delivery. In this context, the CSCM conducted a training course in Business Continuity Plan (BCP) across the Civil Service. Given the high importance of the training and to ensure that our senior staffs are fully equipped with full-fledged BCP, an in-house training course was organized for senior officers who were actively involved in the design and formulation of the BCP of the Ministry.



The in-house training on BCP was organized on 11 & 18 October, 08 & 22 November and 13 December 2023, for

some 21 senior officers of the Ministry. The training was delivered by Dr. Chris Bungshy, GMOSY, PCQI.

## **Training Course on First Aid**

The Civil Service College, Mauritius (CSCM) in collaboration with the St John Ambulance conducted a six half days (11-15 December and 18 December 2023) in-house training course on "First Aid" for 22employees in the grades of General Workers, Management Support Officers and Office Management Assistants at the Mechanical Engineering Section, Plaine Lauzun.

The First Aid training aimed at providing officers with the necessary skills to instinctively assess and respond to emergency situations.



## Training on Ethics and Integrity in the Public Service

A training course on Ethics and Integrity in the Public Service was carried out by Mr. Kailass Koonjal, Chief Corruption Prevention Officer from ICAC for some 32 officers of the Procurement and Supply Cadre, Office Management Assistants, Management Support Officers of this Ministry on 08 February 2024.

The two and half hours training course was mounted by the Independent Commission Against Corruption to promote committed and value based public service by leading by example infusing values that will trickle down all levels of the Ministry. The course was an eye opener shedding light on various vivid examples and situations that could occur in work situations.

## **Training Programme on Risk Management**

This Ministry in collaboration with the Civil Service College, Mauritius organized a training course on "Risk Management", for approximately 20 officers of different cadres. A two days in-house training was dispensed by Dr. Doobree on Monday 13th and Friday 17th May 2024 in the Conference Room, Mechanical Engineering Section, Plaine Lauzun.

The "Risk Management" training course was held with an objective to effectively identify business risks and risk factors, understand the financial implications associated with risks and to develop a risk response / mitigation plan.



## Training on Government Asset Register (GAR)

With the objectives to gain an overview of the GAR, to understand challenges affecting the GAR project's progress and moreover to learn on the challenges and implementation of remedial actions at the Ministry level for smooth GAR operation, the CSCM had mounted a training course on GAR Awareness Session for officers, including Deputy Permanent Secretary, Assistant Permanent Secretary, Office Management Executive and Management Support Officer of the MNICD on 13 and 14 November 2023.

The GAR Awareness Sessions aimed at key personnel responsible for ensuring the efficient operation of GAR within Ministries.

## **Training on Mounting of Tents**

This Ministry in collaboration with the Mauritius Institute of Training and Development (MITD), mounted a training on "Mounting of Tents" for some **230** employees in the inspectorate Cadre, Foreman and General Cadre of this Ministry. The training focused on the Safety and Security aspects of mounting and dismantling of tents in line with the provisions of the Occupation Safety and health Act (OSHA).

Two days training, both theoretical and practical sessions, were organized and held in two batches at MITD Ebène and Piton on 29 and 30 April 2024 by trainer Mr. Maxime Penverne. As at date, some **30** employees have already benefited from the course.

Training f	raining for the Financial Year July 2023- June 2024				
SN	Training Programme	Grade	Number of Participants		
	Civil Ser	vice College			
1	Training Course on First Aid at Work	General Services Cadre Technical Cadre	22		
2	Safety and Health in the Workplace for MSOs	Management Support Officer	12		
3	Court Proceedings	Assistant Permanent Secretary Human Resource Cadre	5		
4	Budget Preparation and Costing	Financial Operations Officer/ Senior Financial Operations Officer	4		
5	Advanced Microsoft Excel	General Services Cadre	23		
6	Risk Management	General Services Grade Human Resource Cadre Professional Cadre	22		
7	Mastering Telephone Skills for Receptionists	Telephone Operator	3		
8	Writing Skills for Parliamentary Questions & Cabinet Documents	Assistant Permanent Secretary	1		
9	GAR Awareness Session	Deputy Permanent Secretary/Assistant Permanent Secretary & Management Support Officers	16		
10	International Public Sector Accounting Standards (IPSAS)	Manager Finance Officer & Assistant Manager Finance Officer	2		

SN	Training Programme	Grade	Number of Participants
11	Training Course on Photovoltaic Energy System	Electrical Engineer	2
12	Safety and Health in Practice for OAs/SOAs	Office Auxiliary/Senior Office Auxiliary	1
13	Improving Public Sector Governance Through Audit Committees	Deputy Permanent Secretary/Assistant Permanent Secretary/Directors	6
14	Level 3: Frontline/ Supervisory/ Technical Grade - Leadership and Management	Office Management Executive Office Management Assistant Financial Operations Officer / Senior Financial Operations Officer Technical Officer	61
15	Level 2: Support Staff - Operation and Processes Management	General Services Grade Other Grades	62
16	Level 4: Middle Management Strategic Management and Leadership	General Services Grade Financial Cadre Professional Cadre	30
17	Improving Communication and Productivity for Workmen's Group Level-1	Senior Office Auxiliaries/Office Auxiliaries Receptionist/Telephone Operator General Worker Driver Stores Attendant	92
18	Standard Defensive Driving	Drivers	3
19	Training Session – Fire certificate (NEIs-National Electronics)	Assistant Permanent Secretary	1
20	Professional Development Programme	Senior Word Processing Operator/Word Processing Operator	7
21	Business Continuity Plan	Permanent Secretary/Deputy Permanent Secretary/Assistant Permanent Secretary/MFO/MPS/Directors	22
Others Number of			
SN	Training Programme	Grade	Participants
22	Ethics and Integrity in the Public Service	General Services Grade Procurement and Supply Cadre	30
23	Anti Corruption Forum on Empowering Youth for A Patriotic Stand Against Corruption	Assistant Permanent Secretary	2
24	E-Duty Free Certificate	Human Resource Cadre Office Management Assistant Management Support Officer	15

25	Montage des Chapiteaux	General Workers	30
26	Round Table on Multi Sectoral Actions to Accelerate the Prevention and Management of Obesity in Mauritius	Senior Human Resource Executive	1
27	Training on five case model	Professional cadre Deputy Permanent Secretary/Assistant Permanent Secretary	13
28	COMESA Awareness Workshop	Assistant Permanent Secretary	1
Total			456

# **Overseas Training**

Officers of the Administrative and Professional Cadre of the MNICD also had the opportunity to follow overseas training courses held in India, Turkey, Germany, etc. Moreover, some officers benefited online courses from India and China. A list thereof is as follows:

SN	Training Programme	Grade	Numb er of Partici pants	Duration	Country
1	Seminar on Information Technology of Geological Survey for Developing Countries	Engineer/Senior Engineer (Civil)	3	6 to 19 June 2024	China (online)
2	Augmenting Nationally Determined Contributions	Engineer/Senior Engineer (Civil)	2	12 to 15 Sep 2023	India (online)
3	Workshop on the harmonisation of Low Sulphur Fuels Standards and import of Safer and Cleaner Used Vehicles in the SADC Sub-Region	Lead Mechanical Engineer	1	18-19 Dec 2023	South Africa
4	Factory visit On Site Inspection for the purchase of one-unit Rotary Telescopic Handler	Lead Mechanical Engineer	1	27 Apr – 3 May 2024	Italy

5	Pre construction and pre delivery inspection meetings - acquisition of 7 categories of trucks including 2 road sweepers and 2 unit trucks with combined jetting vacuum unit	Lead Mechanical Engineer	1	13 – 18 Apr 2024	Turkey
6	Factory Visit Upgrading of high precision Air Conditioning System at Police IT Unit,	Electrical Engineer/ Senior Electrical Engineer	1	21 – 25 Aug 2023	Hamburg, Germany
7	Factory Visit on Refurbishment of Heating, Ventilation and Air Conditioning System in Lunch Room, National Assembly	Deputy Director (ESD) & Electrical Engineer/ Senior Electrical Engineer	2	19 – 22 February 2024	Guangdong, China
8	Seminar on cleaning, heating and cooling seminar	Electrical Engineer/ Senior Electrical Engineer	2	06 – 19 Sep 2023	China
9	EDLP for Grade 6 students in collaboration with EdCIL India Ltd	Lead Electrical Engineer	1	24 to 27 July 2023	India
10	Advanced Seminar on Infrastructure Connectivity	Assistant Permanent Secretary	2	28 February to 12 March 2024	China

# **Citizen Support Unit (CSU)**

# CSU Statistics for the period from July 2023 to June 2024

Tickets Assigned to Ministry of National Infrastructure and Community Development - National Infrastructure Division

Number of Tickets Registered on Portal for the period July 2023 to June 2024

Types	Closed	Open	Resolved	Grand Total
Complaint	369	232	61	662
General Inquiry	5	2		7
Suggestion	21	14	5	40
Grand Total	395	248	66	709

Cases settled 461

% of Cases settled 65%

# Tickets by Type and Stakeholders Registered on Portal for the period July 2023 to June 2024

Stakeholders	Closed	Open	Resolved	Grand Total
Complaint	369	232	61	662
Building Section	7	1		8
Ministry of National Infrastructure and Community Development - Infrastructure Development Division	1	2	2	5
Road Development Authority	361	229	59	649
General Inquiry	5	2		7
Ministry of National Infrastructure and Community Development - Infrastructure Development Division	1			1
Road Development Authority	4	2		6
Suggestion	21	14	5	40
Road Development Authority	21	14	5	40
Grand Total	395	248	66	709

# **Human Resources**

# Recruitment

# 164 vacancies were filled during financial year 2023/2024 in the different grades as listed below:

Grades			Mo	ode of Recr	uitment				Total
		Service nission	Public Admir and Ins	istry of Service, nistrative stitutional forms	Dele	nder gated hority	Fin Eco Planr	istry of nance, nomic ning and lopment	
	Male	Female	Male	Female	Male	Female	Male	Female	
Professional Cadre and Technical Grades	25	6	-		1		-		31
Administrative Cadre	1	-	-		-		-		1
Inspectorate Cadre	6	1	-		-		-		7
Procurement & Supply Cadre							1	1	2
Internal Control Cadre								1	1
Secretarial Class	-		-	3	-		-		3
General Service	-		4	30	-		-		34
Workmen's Class	-	-	2	4	65	14	-		85
Total	32	7	6	37	65	14	1	2	164

# **Retirement and Promotion for staff of this Ministry**

## Retirement

A total of 28 staff proceeded on retirement from 01 July 2023 up to 30 June 2024.

## **Promotion**

40 staff were promoted from 01 July 2023 up to 30 June 2024.

# **Obituary**

In memory of officers of the Ministry having passed away, during the service from 01 July 2023 to 30 June 2024

S/N	Name	Grade	Date
1.	Mr BURTHUN Ootam	Technical Officer	04 September 2023
	Toolsee		
2.	Mr. PENTIAH Lutchmaya	General Worker	28 November 2023

#### Welfare - Team building activities

At the last Annual General Meeting held on 08 July 2023, thirteen new executive members were elected as the new management team for the years 2023/2025 of the Ministry of National Infrastructure Staff Welfare Association (MNISWA). The new President of the MNISWA is Mrs. P. Nyhaul.

A calendar of activities was prepared and agreed upon on 31 July 2023, for the first six months, starting from July to December 2023, as follows:

SN	Month	Activity
1.	July	Trekking at Bras D'Eau to Poste Lafayette Beach
2.	August	Benevolent event at the Meenatchee Home, Port Louis
3.	September	Tournament of Domino, Carom and Quiz A tea party
4.	October	Gemba Kaizen (Workplace embellishment)
5.	November	Divali celebration
6.	December	Children Christmas Party End of Year Lunch

The first event, trekking at Bras D'Eau to Poste Lafayette beach, was organised on **22**<sup>nd</sup> **July 2023**, whereby several staff members participated with their family members and it was a day filled with warmth and sunshine.



On **16<sup>th</sup> August 2023**, the Staff Welfare Association organized a benevolent day at the Meenatchee Home situated at Nicolay Road, Port Louis.



On **21**<sup>st</sup> **November 2023**, the members of the Staff Welfare Association organised the festival of lights' celebration, that is Divali, at the level of the Ministry. A lunch, comprising of the folkloric "7 curry-tipuri" and sweets were relished by officers of the Ministry.



To promote fair play and team spirit, game competitions such as Carom and Domino were organised during the end of the year 2023 and they were opened for officers of the Ministry. The winners of the different categories were rewarded with medals.



The officers of the Staff Welfare Association and several members of the Ministry participated in the annual Kermesse hosted by the Ministry of Public Service, Administrative and Institutional Reforms held on **Sunday**, **17 December 2023**. Various activities were organised namely games, sale of flowers, sale of food items and the first ever haunted house edition. The MNISWA bagged the **3rd prize in the category of "Best Non-Food Stall 2023"**.



The Children's Party was organised on **22<sup>nd</sup> December 2023**whereby the Hon. M. S. Hurreeram, like each year, offered gifts for all children. Gifts and lunch bags were distributed to all children. Moreover, games and activities were organised involving the merry participation of all kids.



With a view to promoting multiculturalism at the work place, the Staff Welfare Association organised its annual Eid Party on the **24**<sup>th</sup> **April 2024**. A delicious biryani was served on this occasion and officers brought sweets as desserts. The event also served for welcoming the new Permanent Secretary, Mrs. I. Pudaruth Ruchaia.



On 01st June 2024, the MNISWA organised an outing for all its members and their respective family members. The journey, which was a trekking exercise, started at Pont Naturel, passing by Le Bouchon and ending at Le Chaland public beach. Lunch was provided for all participants.

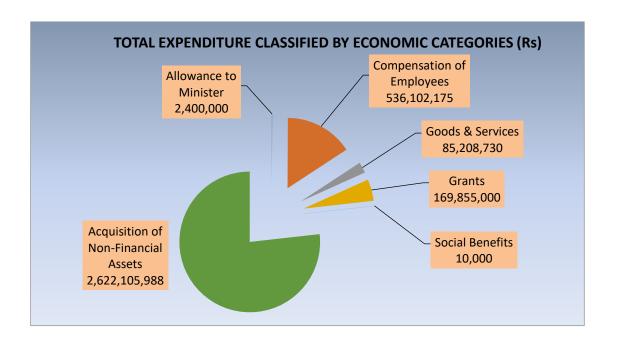


#### PART III - FINANCIAL PERFORMANCE

#### **Financial Highlights**

#### 3.1.1 Overall Expenditure

An amount of Rs 3,325 M was provided to the National Infrastructure Division in Budget 2023-2024 and the Estimates after virement and additional funds from the Ministry of Finance, Economic Planning and Development (MOFEPD) was Rs 3,494.66M, out of which Rs 3,415 M representing 102.7% of voted estimates 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, end of year bonus, wages, travelling and transport, overtime, staff welfare and social contributions.
- Goods and Services are mainly recurrent expenses including 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 & Laboratory Equipment &Supplies and other Goods and Services such as Uniforms and Miscellaneous Expenses.
- Grants represent funds provided to Road Development Authority (RDA) and Construction Industry Authority (CIA) formerly Construction Industry Development Board (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 and Bridges, Maintenance and Rehabilitation of Roads and Bridges, Footpaths, Road Marking and Signage, Routine Maintenance, Transport Equipment, Other Machinery and Equipment and Intangible Fixed Assets.

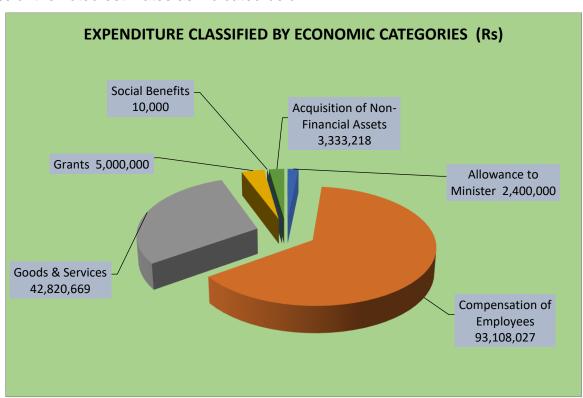
#### 3.1.2 Expenditure by Sub Head

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

- (i) Sub Head 15-101: General
- (ii) Sub Head 15-102: National Infrastructure Division
- (iii) Sub Head 15-103: Road Construction and Maintenance
- (iv) Sub Head 15-104: Electrical Services Division

#### Statement of Expenditure for Sub Head 15-101: General

The total expenditure for the financial year 2023/2024 amounted to Rs 146.67M representing 96.43% of the voted estimates as indicated below:



The percentage of expenditure for each economic category over total expenditure is as follows:

Economic Category	Expenditure Incurred (Rs M)	% Expenditure over Total Expenditure
Allowance to Minister	2.40	1.64 %
Compensation of Employees	93.11	63.48 %
Goods and Services	42.82	29.19 %
Grants	5.00	3.41 %
Social Benefits	0.01	0.01 %
Acquisition of Non- Financial Assets	3.33	2.27 %
TOTAL	146.67	100%

A comparison of actual expenditure for 2023/2024 against 2022/2023 and Estimates 2023/2024 is represented in the following table:

Analysis of major changes between actual expenditure for 2022/2023 and 2023/2024

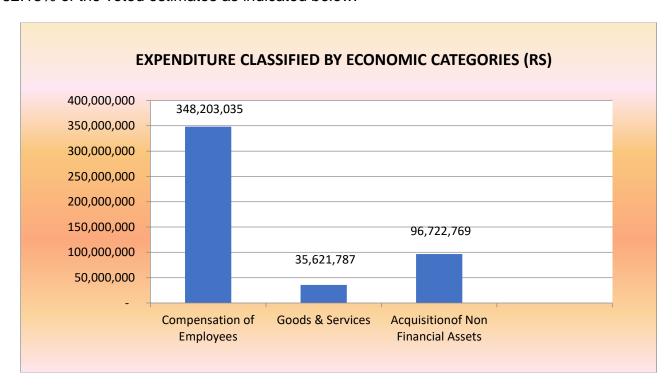
Economic Category	2022-2023 Actual (Rs M) (a)	2023-2024 Estimates (Rs M) After Virement (b)	2023-2024 Actual (Rs M) (c)	Increase / Decrease between Actuals (Rs M) (c-a)	2023-2024 Variance from Estimates and Actual (Rs M) (b-c)
Allowance to Minister	2.40	2.40	2.40	0	0
Compensation of Employees	89.87	94.18	93.11	3.24	1.07
Goods and Services	33.62	47.27	42.82	9.20	4.45
Grants	0	5.00	5.00	5.00	0
Social Benefits	0.06	0.05	0.01	(0.05)*	0.04
Acquisition of Non-Financial Assets	1.96	3.70	3.33	1.37	0.37
Total	127.91	152.60	146.67		

<sup>\*</sup> Negative amounts represent decrease in expenditure

<b>Economic Category</b>	Reason for difference in actual amount of			
	expenditure			
Compensation of	Increase in expenditure is due to payment of salary			
Employees	compensation 2024 and higher expenditure under item			
	"Extra Assistance".			
Goods and Services	The net increase is due to increase in expenditure under			
	items "Electricity and Gas Charges", "Rental of Facilities			
	for Events", "Rental of Building", and "Provisions and			
	Stores".			
Social Benefits	Social Benefits is paid as funeral grant to heir or nearest			
	relative who has borne the funeral expenses of a deceased			
	officer still in service.			
Acquisition of Non-	Increase in expenditure under items "Acquisition of			
Financial Assets	Vehicles" and "Acquisition of IT Equipment".			

# Statement of Expenditure for Sub Head 15-102: National Infrastructure Division

The total expenditure for the financial year 2023/2024 amounted to Rs 480.54 M representing 82.13% of the voted estimates as indicated below:



The percentage of expenditure for each economic category over total expenditure is as follows:

Economic Category	Expenditure Incurred (RsM)	% Expenditure over Total Expenditure
Compensation of Employees	348.20	72.46 %
Goods and Services	35.62	7.41 %
Acquisition of Non-Financial Assets	96.72	20.13 %
TOTAL	480.54	100.00%

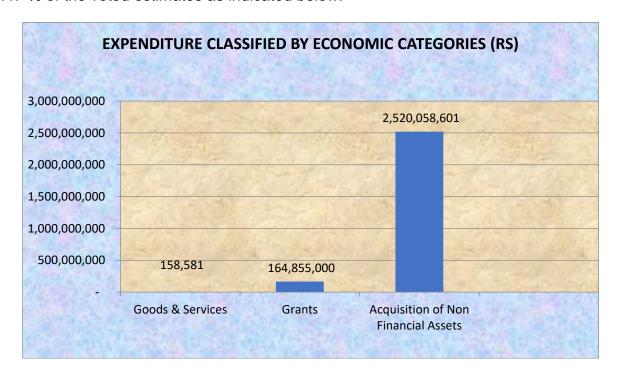
A comparison of actual expenditure for 2023/2024 against 2022/2023 and Estimates 2023/2024 is represented in the following table:

Economic Category	2022-2023 Actual (Rs M) (a)	2023- 2024 Estimates After Virement (Rs M) (b)	2023-2024 Actual (Rs M) (c)	Increase/ Decrease between Actuals (RsM) (c-a)	2023-2024 Variance from Estimates and Actual (Rs M) (b-c)
Compensation	333.43	351.44	348.20	14.77	3.24
of Employees					
Goods and	33.32	43.34	35.62	2.30	7.72
Services					
Acquisition of	26.07	141.10	96.72	70.65	44.38
Non-Financial					
Assets					
Total	392.82	535.88	480.54		

# Analysis of major changes between actual expenditure for 2022/2023 and 2023/2024

<b>Economic Category</b>	Reason for difference in actual amount of expenditure
Compensation of	Increase in expenditure due to payment of salary compensation
Employees	2024, payment of yearly increment and minimum wage.
Goods and Services	The net increase is due to higher expenditure under certain
	items, such as "Electricity and Gas Charges", "Maintenance of
	Buildings", "Maintenance of IT Equipment", "Cleaning of Office
	Premises" and "Security Services".
Acquisition of Non-	The net increase is due to expenditure under items "Minor
financial Assets	Repair works at EAB", IPBX (VoIP Telephony) System at
	"Plaine Lauzun" and "Acquisition of IT Equipment".

Statement of Expenditure for Sub Head 15-103: Road Construction and Maintenance The total expenditure for the financial year 2023/2024 amounted to Rs 2,685.07 M representing 108.47 % of the voted estimates as indicated below:



The percentage of expenditure for each economic category over total expenditure is as follows:

Economic Category	Expenditure Incurred (Rs M)	% Expenditure over Total Expenditure
Goods and Services	0.16	0.01 %
Grants	164.85	6.14 %
Acquisition of Non-Financial Assets	2,520.06	93.85 %
TOTAL	2,685.07	100%

A comparison of actual expenditure for 2023/2024 against 2022/2023 and Estimates 2023/2024 is represented in the following table:

Economic Category	2022- 2023 Actual (Rs M) (a)	2023- 2024 Estimates After Virement (Rs M) (b)	2023- 2024 Actual (Rs M) (c)	Increase/ Decrease between Actuals (Rs M) (c-a)	2023-2024 Variance from Estimates and Actual (Rs M) (b-c)
Goods and Services	0.84	0.30	0.16	(0.68)*	0.14
Grants	153.00	164.85	164.85	11.85	0.00
Acquisition of Non-Financial Assets	2,689.25	2,533.15	2,520.06	(169.19)*	13.09
Total	2,843.09	2,698.30	2,685.07		

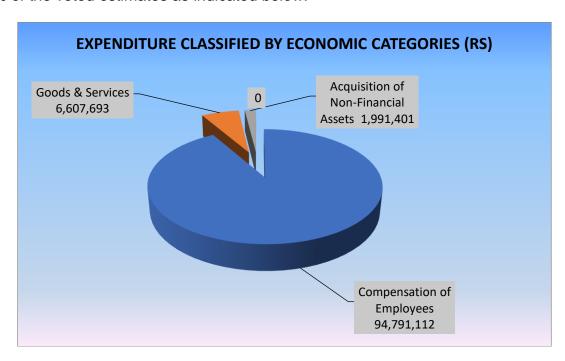
<sup>\*</sup> Negative amounts represent decrease in expenditure

# Analysis of major changes between actual expenditure for 2022/2023 and 2023/2024

<b>Economic Category</b>	Reason for difference in actual amount of		
	expenditure		
Goods and Services	The net decrease is due to lower expenditure under		
	item "Fees".		
Grants	Increase in expenditure due to payment of payment		
	of salary compensation 2024.		
Acquisition of Non-	The net decrease is due to lower expenditure as a		
financial Assets	result of certain projects which are nearing		
	completion stage such as "Construction of		
	Jumbo/Phoenix Roundabout" and "Verdun Bypass"		
	and lower expenditure under item "Maintenance and		
	Rehabilitation – Roads and Bridges".		

## Statement of Expenditure for Sub Head 15-104: Electrical Services Division

The total expenditure for the Financial Year 2023/2024 amounted to Rs 103.39 M representing 92.07 % of the voted estimates as indicated below:



The percentage of expenditure for each economic category over total expenditure is as follows:

Economic Category	Expenditure Incurred (RsM)	% Expenditure over Total Expenditure
Compensation of Employees	94.79	91.68 %
Goods and Services	6.61	6.39 %
Acquisition of Non-Financial Assets	1.99	1.93 %
TOTAL	103.39	100%

A comparison of actual expenditure for 2023/2024 against 2022/2023 and Estimates 2023/2024 is represented in the following table:

Economic Category	2022- 2023 Actual (Rs M) (a)	2023-2024 Estimates After Virement (Rs M) (b)	2023- 2024 Actual (Rs M) (c)	Increase/ Decrease between Actuals (Rs M) (c-a)	2023-2024 Variance from Estimates and Actual (Rs M) (b-c)
Compensation of Employees	92.84	96.40	94.79	1.95	1.61
Goods and Services	5.96	7.97	6.61	0.65	1.36
Acquisition of Non-Financial Assets	1.65	3.50	1.99	0.34	1.51
TOTAL	100.45	107.87	103.39		

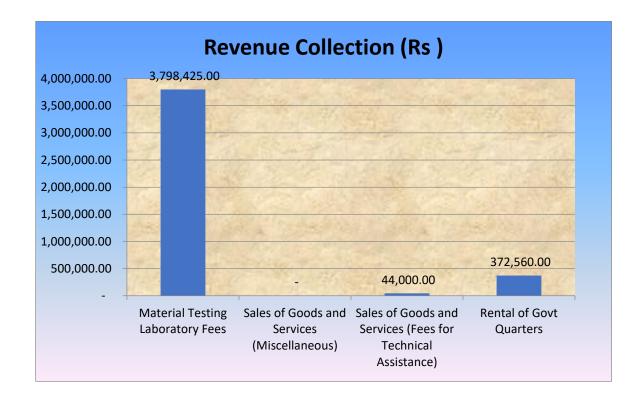
# Analysis of major changes between actual expenditure for 2022/2023 and 2023/2024

<b>Economic Category</b>	Reason for difference in actual amount of		
	expenditure		
Compensation of	Increase in expenditure due to payment of salary		
Employees	compensation 2024.		
Goods and Services	Increase is due to higher expenditure under certain items		
	such as "Electricity and Gas Charges", "Office Furniture",		
	"Maintenance of Buildings", "Cleaning of office premises"		
	and "Uniforms".		
Acquisition of Non-	Increase in expenditure under item "Acquisition of IT		
Financial Assets	Equipment" for purchase of high-performance PCs.		

<sup>\*</sup> Negative amounts represent decrease in expenditure

#### 3.1.3 Revenue

The National Infrastructure Division collects revenue generated from Materials Testing Laboratory Fees, Miscellaneous Sales of Goods and Services and Rental of Quarters. The total revenue collected for the financial year 2023-2024 amounted to Rs 4.21 Million as indicated below:



A comparison of actual revenue collection for 2023/2024 against 2022/2023 and Estimates 2023/2024 is represented in the following table:

Revenue Item	2022-2023 Actual (RsM) (a)	2023- 2024 Estimates (RsM) (b)	2023- 2024 Actual (RsM) (c)	Increase/ Decrease between Actuals (Rs M) (c-a)	2023-2024 Variance from Estimates and Actual (Rs M) (b-c)
Materials					
Testing Laboratory					
Fees	4.068	3.900	3.798	(0.270)*	0.102
Sales of Goods					
and Services	0	0	0	0	0
(Miscellaneous) Sales of Goods	U	0	0	0	0
and Services					
(Fees for					
Technical					
Assistance)	0.008	0.300	0.044	0.036	0.256
Rental of Govt.					
Property	0.408	0.400	0.372	(0.036)*	0.028
TOTAL	4.484	4.600	4.214		

<sup>\*</sup> Negative amount represents decrease in revenue collection.

# Analysis of major changes between actual revenue collection for 2022/2023 and 2023/2024

Economic Category	Reason for difference in actual amount of collection		
Material Testing	Revenue collected is based on the number of		
Laboratory Fees	tests carried out by the Material Testing		
	Laboratory		
Sale of Goods and	No auction sale was carried out during Financial		
Services (Miscellaneous)	<b>us)</b> Year 2023/2024		
Sale of Goods and	Collection of Fees in respect of Specifications		
Services (Fees for	provided for Specialised Vehicles, Plant and		
Technical Assistance)	Equipment by the Mechanical Engineering		
	Division of the Ministry.		

# Part IV - Way Forward

#### Trends and Challenges

- As at 31 March 2023, the total road network stood at 2,847 km, of which 1,279 km are classified roads (including 104 km of highway).
- During the FY 2022-2023, around 24 km of existing roads have been upgraded and/or resurfaced and 4.9 km of new roads added to the classified road network.
   Completion of various projects relating to road decongestion including construction of Quay D Flyover, upgrading of L'Avenir Bridge and Choisy Bridge, amongst others.
- As at 31 March 2023, 1,796 contractors, 301 consultants, 216 service providers and 44 suppliers, operating in the construction industry, were registered with the Construction Industry Development Board.

## **Key Challenges**

- Traffic congestion leading to longer travel time and higher vehicle operating costs
- Inadequate maintenance of Government buildings and vehicles, mostly ageing, is impairing effectiveness of public services leading to higher operating and replacement costs
- Growing demand for developing physical infrastructure with limited implementation capacity and market constraints

#### **SWOT Analysis**

Government is pursuing its massive investment in public infrastructure. The Ministry is addressing the challenges through innovation, capacity building and adopting modern technologies. The Ministry will, therefore, remain the main actor with respect to Infrastructural Development and economic growth.

- Qualified and competent professionals
- Top level commitment towards the vision and mission of the Ministry
- Expertise and experience in multidisciplinary fields
- Quality consultancy services
- Well organized sections



- Ageing workforce (specific areas)
- Bureaucracy/Interdependency with other stakeholders in project implementation
- Lack of proper succession planning
- Frustration among professional and lack of motivation due to leadership issues
- Lack of resources financial, manpower & technological
- Lack of specialized technical training
- Shortage of skills in certain areas
- Pandemics
- War
- Brain drain
- Disruption in supply chain
- Limited competition in bidding exercise

- •Exposure to multisectoral projects
- •Clear and defined career path
- Sustainable practices and efficient use of resources
- Technical assistance under bilateral cooperation agreement

#### **Strategic Direction**

The Ministry will continue its momentum to promote sustainable and modern practices to enhance infrastructural development for the country. It endeavours to achieve this aim through the following strategic measures:



# **Construction Industry**

- With a view to coping with modern work processes, the Ministry proposes to embark on the Building Information Modelling (BIM) platform within the next five years.
- The technical sections of the Ministry would embark on a new information technologybased system to better design and supervise projects.
- The Ministry will promote the use of modern building technologies, laying emphasis on sustainable and greener buildings at design stage.
- The new Construction Industry Authority will be the main regulating body and it will develop appropriate standards and codes for the Industry.

#### **Civil Engineering/Geotechnical Unit**

- The Materials Testing Laboratory will be accredited within three years. In this context, the laboratory is being upgraded with specialized geotechnical equipments. These equipments will enable the Geotechnical Unit to carry out reliable and precise tests/analysis.
- In line with the features identified in the Landslide Hazard Map, the Ministry will devise a Landslide Management Plan, outlining locations at risks, the severity of the risks and the necessary counter measures. The Landslide Management Plan will ultimately be an important tool for identifying future development sites and same can help to update Planning Policy Guidances (PPGs) and Outline Planning Schemes.



#### **Energy Services**

- Energy efficiency will be maintained as a key consideration, and accordingly renewed emphasis will be laid on measures such as: installation of photovoltaic panels, more energy efficient air conditioners in Government buildings, the setting up of an Energy Efficient Building Standard through the necessary legislation; and
- A Framework Agreement of Electrical Contractors to undertake electrical installations in public buildings is envisaged in order to respond more rapidly and efficiently to requests.



#### **Management of Government Vehicles:**

The Ministry will proceed with the extension of the Vehicle Management System (VMS)
to all Ministries and Departments in order to ensure a more efficient management of
Government vehicles. The VMS will be a valuable tool for sound decision making with
respect to vehicle fleet replacement, fuel economy, repairs and maintenance.

# Acknowledgements

The Ministry is thankful for the collaboration received from its Technical Divisions and Parastatals falling within its aegis for the submission of essential inputs and data analytics for the compilation of this report. This report is in itself a testimony of the magnitude and importance of this Ministry as a vehicle for economic growth and development for the Mauritian Economy.

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