MINISTRY OF ENVIRONMENT AND NATIONAL DEVELOPMENT UNIT

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PART A: OVERVIEW OF MINISTRY

I. STRATEGIC NOTE

1. Major Achievements for 2009 (July-December)

Environment

- Promulgation Review of the Environment Protection Act (EPA) 2008 by way of regulation [Environment Protection (Amendment of Schedule) (No. 3) Regulation 2009] in respect of the quantum of fixed penalty fines in relation to littering offences according to the category of contraveners and places where the offences have been committed.
- Issued Environment Impact Assessment (EIA) Licenses (20) and Preliminary Environment Reports (PER) Approvals (15).
- Monitored 4 sites for ambient air quality and 35 posts EIA\PER monitoring.
- National Environmental Laboratory accredited to MS ISO 17025:2005 and upgraded to MS ISO 9001:2008.
- Environmental outreach programme in Citizen Advice Bureau and Social Welfare Centres, youth centres, women centres, radio and Television
- Environmental Education in school: (i) publication and distribution of activity books to all pre primary and lower primary school children; (ii) 2240 teachers(pre-primary and lower primary school) trained on activity book and Teachers Guide were also provided; and (iii) subject specific talk [e.g. on Climate change, biodiversity, environmental pollution etc.] conducted.
- Framework for Lagoonal Water Quality Index
- Study on Environmentally Sensitive Areas (ESA)
- Inventory of Hydrochlorofluorocarbons (HCFCs)
- National CDM Strategy
- 1.0 km of coastal rehabilitation works carried out at 3 sites, 10 km of rivers cleaned/rehabilitated, 4 river banks protected and 50 Compounds/premises upgraded and green spaces and children playgrounds created.

National Development Unit

- 31,717m² new roads completed, 92,809 m² of upgrading/resurfacing of roads completed
- 10 cremation grounds completed
- 5 football grounds completed; 20 volleyball pitches completed
- 40 petanque courts completed
- 30 children's playground including supply of play equipment completed
- 20 embellishment works completed
- Fixing of 1,000 metres handrails
- 30 bus shelters completed
- Installation of fitness equipments at 20 sites completed
- 49 drain projects completed
- 2 bridges namely, Topaze Bridge, Pailles and Damur Bridge, Chemin Grenier completed at 15%

2. Major Services to be provided (Outputs) for 2010-2012

Environment

Programme 401: Environmental Policy and Management

- Revised regulations on industrial effluent discharge permits adopted (2010)
- Mauritius Environment Outlook Report prepared (2010)
- Revised regulations on hazardous wastes adopted (2011)
- Revised standards for drinking water adopted (2011)
- Policies on Coal Ash Management developed (2010 2012)

Programme 402: Environmental Protection and Conservation

- National Clean Development Mechanism (CDM) strategy adopted (2010)
- Management Plan on HCFC Phase out developed (2010)
- Coastal protection / rehabilitation works completed at 3 sites per year
- National Oil Spill Contingency Plan revised (2011)
- Implementation of Integrated Coastal Zone Management Framework (2010) and regulation of ICZM adopted (2012)
- Management of Environmentally Sensitive Areas (ESA) Policy adopted (2010) and legal framework finalised (2012).
- Inventory of National Greenhouse Gas (GHG) emissions carried out (2012).
- Guidelines on Sustainable Buildings developed (2010- 2012)

Programme 403: Uplifting and Embellishment of The Physical Environment

- Improved water flow of about 15 km at various critical river sites around the island (2010-2012)
- Erosion control measures implemented on 3 riverbanks yearly (2010-2012).
- Creation of green spaces, health tracks, children playgrounds and leisure areas (2010-2012)
- Upgrading and Embellishment of the physical environment at various sites including compounds of socio-cultural organisations (2010-2012)

National Development Unit

Programme 404: Community-Based Infrastructure, Amenities and Public Empowerment

- Increased access of the community to socially-oriented amenities (1 market fair in Roche Bois in 2010)
- Increased access of the Community to sports/recreational facilities (122 in 2010; 82 in 2011; 65 in 2012)
- Further resurfacing of non-classified roads (45 km in 2010; 25 km in 2011; 50 km in 2012); new roads constructed (21 km in 2010; 22 km in 2011; 20 km in 2012) and other road safety devices (22 Bus shelters in 2010; 13 Bus shelters in 2011; 13 Bus shelters in 2012); (3000 meters handrails in 2010; 275 meters handrails in 2011; 900 meters handrails in 2012); (2000 street lighting in 2010)
- Further sensitization of the public to emerging issues (environmental issues, aids prevention, drugs, etc.)

Programme 405: Land Drainage

- More drains and bridges are built to protect the inhabitants and built infrastructure from the damages of flooding (116 drains and 3 bridges in 2010; 86 drains and 2 bridges in 2011; 50 drains and 3 bridges in 2012).
- A watershed Management Approach adopted in defining solutions to flooding problems.

3. Major Constraints and Challenges and how they are being addressed

Environment

• It is taking longer time for implementation of new policies [e.g. National Environmental Strategies (NES), Sustainable Consumption and Production (SCP), National Environment Policy (NEP) etc.] where various stakeholders are involved as they have their own priorities.

Two initiatives to be implemented to address this issue:

- Capacity building to improve expertise among staff and programme delivery. This Ministry is tapping training programme both locally and internationally. In-house training was conducted on Geographical Information System (GIS) for integrated coastal zone management; geo-spatial data management for environment sensitive areas; sampling and monitoring for Lagoonal Water Quality Index and on ambient air quality.
- Developing capacity in strategic communications to market MOE programmes.
- As a densely populated and fast developing country, Mauritius is subject to a great variety of activities that may have adverse impacts on the environment namely development near sensitive areas resulting in degradation of habitats; flooding of dwellings; reduced water quality and quantity; excessive land and coastal erosion; pollution and its impacts on health and quality of life; and insufficient environmental stewardship from general public. These are further exacerbated by the global threat of climate change and sea level rise.

In order to address these challenges, the following are being undertaken:

- Dedicated divisions with additional staff to address/coordinate climate change related issues and to ensure compliance with environmental regulations;
- Development and implementation of an Integrated Coastal Zone Management Framework (ICZM) Plan and Environmentally Sensitive Areas (ESA) framework;
- Enhanced sensitisation and awareness campaign;
- Development of a climate change adaptation and mitigation plan.
- Providing a response within the regulatory time limit for EIA and PER is always a major challenge which
 requires more time and multi-skilled staff in view of the volume, complexity & quality of the EIA/PER
 documents submitted and frequent public outcry.
 - The MOE reorganisation aims at enhancing staff expertise and promoting team based approach to respond to urgencies. Sensitization of other ministries will be part of the strategic communication strategy. Recourse is sometimes made to foreign expertise for the review and assessment of complex EIA reports.
- The technical implementing capacity of Living Environment Unit (LEU) at the Inspectorate level is being seriously undermined as staff recruitment at this level has been impossible due to the wide salary gap between the public and the private sector. It is proposed to recruit Inspectors with Civil Engineering background on a contractual basis with same or higher salary as offered in the private sector.

National Development Unit

- It is a challenge for NDU to prioritize projects to maximize satisfaction of citizens.
 - Currently the process of prioritisation involving a wide range of stakeholders through the establishment of clear rules and criteria for project implementation in collaboration with Parliamentary Private Secretaries is being enhanced.
- Lack of maintenance of facilities constructed by NDU as operation and maintenance depend on other Government agencies, especially the drainage system.
 - NDU will not start projects without maintenance agreement and maintenance and operations budget approved by other Government agencies which would take over once construction is completed.
- Efficient implementation of drainage and related infrastructure projects should ideally take into consideration the overall catchment areas.
 - A study for the land drainage system, adopting principles of watershed management approach, is being considered by World Bank.

• Delays in project implementation and subsequent financial impact.

NDU is reinforcing its engineering unit. Moreover measures are being taken to award projects only where all necessary clearances and way leaves have been obtained.

II. LIST OF PROGRAMMES, SUB-PROGRAMMES AND PRIORITY OBJECTIVES

Programme 401: Environmental Policy and Management

- Required environment policies are developed and existing policies are continuously updated.
- Environmental services related policies are implemented effectively and timely.

Programme 402: Environmental Protection and Conservation

- Sustainable Consumption and Production (SCP) practices are disseminated.
- The release of chemical, physical, biological and other contaminants in the environment does not cause health risks and meet our Conventions and Protocols commitments.
- Air Quality in Industrial Zones is monitored.
- Development projects have minimal environmental footprint.
- National environmental projects are coordinated and implemented effectively.
- A well-informed population on environmental issues.
- Degraded shorelines are rehabilitated
- Disaster preparedness and Spill plans are prepared and implemented
- Mitigation and adaptation framework developed
- Prosecution Division set up

Programme 403: Uplifting and Embellishment of the Physical Environment

- The impact of flooding and erosion along rivers and coastal areas are minimized.
- The environment is conducive for social, tourism, religious, cultural and recreational activities.

Programme 404: Community-Based Infrastructure, Amenities and Public Empowerment

Sub-Programme 40401: Community-Based Infrastructure, Amenities

- Timely and efficient implementation of NDU projects.
- Community-based facilities are enhanced and socio-economic activities are promoted.
- Road network within localities are improved.

Sub-Programme 40402: Public Empowerment through Citizens Advice Bureaux

- Citizens are advised/ assisted on emerging issues and related government programmes.
- An informed population on emerging issues and related government programmes.

Programme 405: Land Drainage

- Natural and built environment are protected from the impact of heavy rains.
- Drainage schemes implemented are efficient in minimising flooding.

III. SUMMARY OF FINANCIAL RESOURCES BY PROGRAMMES AND SUB-PROGRAMMES

		Rs	Rs	Rs	Rs
Code	Programmes and Sub-Programmes	Jul-Dec 2009	2010	2011	2012
Coue	1 Togrammes and Sub-1 Togrammes	Estimates	Estimates	Planned	Planned
401	Environmental Policy and	27,425,000	59,110,000	55,596,000	56,035,000
	Management				
402	Environmental Protection and Conservation	70,819,000	178,804,000	172,196,000	160,353,000
403	Uplifting and Embellishment of the Physical Environment	112,868,000	228,787,000	190,363,000	192,070,000
404	Community-Based Infrastructure, Amenities and Public Empowerment	196,447,000	554,252,000	413,050,000	361,888,000
40401	Community-Based Infrastructure and Amenities	176,795,000	513,605,000	371,893,000	320,186,000
40402	Public Empowerment through Citizen's Advice Bureaux	19,652,000	40,647,000	41,157,000	41,702,000
405	Land Drainage	104,452,000	273,975,000	229,076,000	237,254,000
	Total	512,011,000	1,294,928,000	1,060,281,000	1,007,600,000

IV. SUMMARY OF FUNDED POSITIONS BY PROGRAMMES AND SUB-PROGRAMMES

	_	Total		% Distr	% Distribution		
Code	Programmes	2009 (Jul-Dec)	2010	2009 (Jul-Dec)	2010		
401	Environmental Policy and Management	76	95	6.7%	8.2%		
402	Environmental Protection and Conservation	145	150	12.8%	12.9%		
403	Uplifting and Embellishment of the Physical Environment	685	676	60.5%	58.1%		
	Total for the Environment Division -Ministry of Environment	906	921	80.0%	79.2%		
404	Community-Based Infrastructure, Amenities and Public Empowerment	215	229	19.0%	19.7%		
40401	Community-Based Infrastructure and Amenities	87	97	7.7%	8.3%		
40402	Public Empowerment through Citizen's Advice Bureaux	128	132	11.3%	11.3%		
405	Land Drainage	11	13	1.0%	1.1%		
Total Fund	ded Positions	1,132	1,163	100%	100%		

PART B: SERVICES TO BE PROVIDED (OUTPUTS) AND PERFORMANCE INFORMATION

PROGRAMME 401: Environmental Policy and Management

Outcome: Environmental policy proposals and legislations are approved by government and are improving environment stewardship.

	SERVICES TO BE	PERFORMANCE				
DELIVERY UNITS	PROVIDED (Outputs)	Service Standards (Indicators)	2009 Baseline	2010 Targets	2011 Targets	2012 Targets
Office of the Minister; Office of the Permanent Secretary and Administration	O1: Management of correspondence, requests and complaints.	P1: Date limit set or 5 working day rule met, whichever is the earliest, for following percent of requests as verified by Registry records or an alternative system (2010 to become a baseline).	-	90%	90%	95%
	O2: Reply to parliamentary questions and preparation of policy papers	P1: Satisfaction of Minister with quality, timeliness and relevance as verified in surveys by the Secretary to Cabinet. Percent mark out of total possible.	-	90%	95%	95%
	O3: Preparation of Cabinet papers.	P1: Quality of the documents as assessed twice a year by the Secretary to Cabinet based on agreed criteria (over 75% of possible marks).	,	75%	90%	95%
	O4 : Update 3-Year Strategic Plan / Strategic Note.	P1: Quality of the documents as assessed twice a year by the Secretary to Cabinet based on agreed criteria (over 75% of possible marks).	-	2	2	2
	O5: Delivery on PBB programmes / sub-programmes requirements that are funded through the 2010 PBB.	P1: % of PBB indicators that are met.	68%	75%	80%	85%
	O6: Compliance with National Audit Office.	P1: All uncontested rcommendations from the last Director of Audit's report implemented.	90%	90%	100%	100%

PROGRAMME 402: Environmental Protection and Conservation

Outcome: Provide a sustainable environment that is supportive of social and economic development

	SERVICES TO BE		PERFORM	IANCE			
DELIVERY UNITS	PROVIDED (Outputs)	Service Standards (Indicators)	2009 Baseline	2010 Targets	2011 Targets	2012 Targets	
Policy & Planning and	O1:Development of regulations and guidelines	P1: Standards for Air Quality	-	Dec	-	-	
Environmental Law Divisions	(new or reviewed) in relation to air, water, effluent, hazardous waste and odour	P2: Regulations on hazardous wastes	-	-	Dec	-	
	mazardous waste and odour	P3: Standards for Drinking Water Quality	-	-	Dec	-	
		P4: Guidelines on Odour Control	-	-	-	Dec	
		P5: Integrated Coastal Zone Management legislation	1	1	1	Dec	
		P6:Environmentally Sensitive Areas (ESA) legislation	-	-	-	Dec	
	obligations under Stockholm Convention, Montreal Protocol and United Nations Framework Convention on Climate Change(UNFCCC)	P1: Phasing out of Persistent Organic Pollutants (POPS) such as Dichloro Diphenyl Trichloroethane (DDT) and Polychlorinated Biphenyls (PCBs)	-	-	-	Dec	
		P2: Hydrochlorofluoro- carbons (HCFCs) Management Plan developed for the phasing out of HCFCs, used in refrigeration systems and air conditionning	-	Dec	-	-	
		P3: National Clean Development Mechanism (CDM) Strategy developed	-	Dec	-	-	
National Environmental Laboratory (NEL) & Pollution, Prevention and Control	O3:Monitoring of Ambient Air Quality at Industrial estates	P1: 16 air monitoring exercises carried out on a yearly basis by 2012	7	14	14	16	

${\bf Ministry\ of\ Environment\ and\ National\ Development\ Unit-\it continued}$

DEL WEDV	SERVICES TO BE	PERFORMANCE				
DELIVERY UNITS	PROVIDED (Outputs)	Service Standards (Indicators)	2009 Baseline	2010 Targets	2011 Targets	2012 Targets
Coordination & Project Implementation, NEL and ICZM Divisions	O4: Monitoring of lagoon water quality and air quality	P1: No. of beaches out of 36 public beaches where Monitoring and Building of a Database established	1	4	8	12
		P2: Determination of Lagoonal Water Quality Indices out of 36 public beaches	-	-	4	8
		P3:Framework for Integrated Air Quality Monitoring set up.	-	-	Dec	-
	05: Degraded coastal areas rehabilitated	P1: No. of beaches rehabilitated	3	3	3	3
	O6: Disaster Management and spill response/ combat improved	P1: Oil Spill Contingency Plan revised by 2010 and tested anually	-	Dec	-	-
Climate Change Unit	07: Framework for private & public organisations to report on a voluntary basis on Environmental Auditing & Reporting	P1:Minimum no. of private/ public bodies conducting Environmental Auditing & Reporting by 2012	-	-	-	2
Information and Education Division	O8: Environmental information disseminated to targeted groups and the general public	P1: No. of Youth & women leaders and officers of other organizations trained	80	110	120	130
Environmental Assessment Division	O9: Processing of Environmental Impact Assessment(EIA) applications	P1: % of EIA applications processed within timeframe	100%	100%	100%	100%
Prosecution Division	O10: Prosecution of cases under Environment Protection Act	P1: Time taken to prosecute cases (months)	-	0- 36	0- 30	0- 24

PROGRAMME 403: Uplifting and Embellishment of the Physical Environment

Outcome: An enhanced natural environment provides essential ecological services and contributes to society's enjoyment and safety.

DEL IVEDV	SERVICES TO BE	PERFORMANCE				
DELIVERY UNITS	PROVIDED (Outputs)	Service Standards (Indicators)	2009 Baseline	2010 Targets	2011 Targets	2012 Targets
Living Environment	O1: Rehabilitation of rivers and beaches	P1:Kilometres of rivers cleaned/rehabilitated	10	15	15	15
Unit (LEU)		P2:Number of erosion management schemes implemented on rivers	2	3	3	3
		P3: Number of minor rehabilitation works carried out at public beaches	3	3	3	3
	O2: Upgrade / embellish public sites for social, religious, cultural and recreational activities	P1:Number of recreational / leisure spaces upgraded/ embellished	5	10	10	10
		P2: Number of compounds/yards embellished and uplifted	15	40	40	40

PROGRAMME 404: Community-Based Infrastructure, Amenities and Public Empowerment

Outcome: An inclusive society benefiting from infrastructure enhancement and counselling services

SUB-PROGRAMME 40401: Community-Based Infrastructure and Amenities

DEL IVEDV	SERVICES TO BE	PERFORMANCE				
DELIVERY UNITS	PROVIDED (Outputs)	Service Standards (Indicators)	2009 Baseline	2010 Targets	2011 Targets	2012 Targets
Minister; Office	O1: Management of correspondence, requests and complaints.	P1: Date limit set or 5 working day rule met, whichever is the earliest, for following percent of requests as verified by Registry records or an alternative system (2010 to become a baseline).	1	90%	90%	95%
	O2: Reply to parliamentary questions and preparation of policy papers	P1: Satisfaction of Minister with quality, timeliness and relevance as verified in surveys by the Secretary to Cabinet. Percent mark out of total possible.	1	90%	95%	95%

	SERVICES TO BE	PERFORMANCE				
DELIVERY UNITS	PROVIDED (Outputs)	Service Standards (Indicators)	2009 Baseline	2010 Targets	2011 Targets	2012 Targets
Office of the Minister; Office of the Permanent Secretary and Administration	O3: Preparation of Cabinet papers.	P1: Quality of the documents as assessed twice a year by the Secretary to Cabinet based on agreed criteria (over 75% of possible marks).	-	75%	90%	95%
	O4 : Update 3-Year Strategic Plan / Strategic Note.	P1: Quality of the documents as assessed twice a year by the Secretary to Cabinet based on agreed criteria (over 75% of possible marks).	-	2	2	2
	O5: Delivery on PBB programmes / sub-programmes requirements that are funded through the 2010 PBB.	P1: % of PBB indicators that are met.	68%	75%	80%	85%
	O6: Compliance with National Audit Office.	P1: All uncontested rcommendations from the last Director of Audit's report implemented.	75%	90%	100%	100%
Office of Engineering Unit	O7: Construction and Upgrading of cremation grounds	P1: Number of Cremation Ground constructed (90% within time & Budget)	-	3	4	5
		P2: Number of Cremation Ground upgraded (90% within time & Budget)	10	19	12	10
	O8: Construction of sports grounds, playgrounds and recreational spots	P1: Number of Football Ground constructed (90% within time & Budget)	-	12	6	4
		P2: Number of Football Ground upgraded (90% within time & Budget)	3	14	9	5
		P3: Number of Volleyball Pitches constructed (90% within time & Budget)	-	2	5	4

DELIVERY	SERVICES TO BE	PERFORMANCE				
UNITS	PROVIDED (Outputs)	Service Standards (Indicators)	2009 Baseline	2010 Targets	2011 Targets	2012 Targets
Office of Engineering Unit	O8: Construction of sports grounds, playgrounds and recreational spots	P4: Number of Volleyball Pitches upgraded (90% within time & Budget)	4	7	5	5
		P5: Number of Petanque Court constructed (90% within time & Budget)	-	16	-	10
		P6: Number of Children's playground constructed/upgraded with Equipment (90% within time & Budget)	10	30	16	12
		P7: Number of recreational project carried out (90% within time & Budget)	6	19	25	10
	O9: New & upgraded non- classified roads including road safety devices	P1: Kilometres of roads resurfaced (Average 4m wide) (90% within time & Budget)	30	45	25	50
		P2: Kilometres of new roads constructed (Average 4m wide) (75% within time & Budget)	15	21	22	20
		P3: Bus Shelters & Stands (90% within time & Budget)	-	22	13	13
		P4: Handrails (metres) (90% within time & Budget)	-	3,000	275	900
SUB PROGRA	MME 40402 : Public Empow	erment through Citizens A	dvice Burea PERFORM			
DELIVERY	SERVICES TO BE PROVIDED	Service Standards	2009	2010	2011	2012
UNITS	(Outputs)	(Indicators)	Baseline	Targets	Targets	Targets
Citizens Advice Bureaux	O1: Advice given to the public on various government services available and complaints are looked into.	P1: Cases from the public processed within 5 working days	90%	100%	100%	100%
	O2:Act as facilitator with regard to sensitization on social ills in collaboration with relevant stakeholders	P1: Number of persons in the local community targeted.	1,500	3,000	3,000	3,000

PROGRAMME 405: Land Drainage

Outcome: An effective drainage system supporting the economic activity and protecting the environment

DEL WEDV	SERVICES TO BE	PERFORMANCE				
DELIVERY UNITS	PROVIDED (Outputs)	Service Standards (Indicators)	2009 Baseline	2010 Targets	2011 Targets	2012 Targets
Office of Engineering Unit	O1: Drains and associated infrastructures are rehabilitated/constructed to facilitate evacuation of rain water	P1: No. of drain projects carried out in flood prone areas (75% within time & Budget)	54	116	86	50
	O2: Bridges in non-classified roads are built/re-constructed to prevent obstruction of flood prone rivers	Ŭ	5	3	2	3
	O3:A Watershed Management approach is adopted in defining solutions to flood prone areas	P1: Recommendations submitted	-	Dec	-	-

PART C: INPUTS - FINANCIAL RESOURCES

1. SUMMARY BY ECONOMIC CATEGORIES

Rs	Rs	Rs	Rs

Code	Economic Categories	Jul-Dec 2009 Estimates	2010 Estimates	2011 Planned	2012 Planned
21	Compensation of Employees	125,928,000	261,415,000	265,408,000	269,477,000
22	Goods and Services	50,433,000	135,288,000	149,388,000	132,116,000
24	Interest	-	-	-	-
25	Subsidies	-	-	-	-
26	Grants	4,000,000	6,225,000	2,310,000	2,357,000
27	Social Benefits	-	-	-	-
28	Other Expense	-	-	-	-
31	Acquisition of Non-Financial Assets	331,650,000	892,000,000	643,175,000	603,650,000
32	Acquisition of Financial Assets	_	-	-	-
	Total	512,011,000	1,294,928,000	1,060,281,000	1,007,600,000

2. SUMMARY FOR YEAR 2010

		Rs	Rs	Rs	Rs
		Compensation	Goods and	Subsidies/	Acquisition of
Code	Programmes	of Employees	Services	Grants	Assets
		[code 21]	[code 22]	[codes 25-28]	[codes 31- 32]
401	Environmental Policy and Management	28,065,000	25,035,000	6,010,000	-
402	Environmental Protection and	50,140,000	60,564,000	-	68,100,000
	Conservation				
403	Uplifting and Embellishment of the	105,745,000	24,842,000	-	98,200,000
	Physical Environment				
404	Community-Based Infrastructure,	70,115,000	20,222,000	215,000	463,700,000
	Amenities and Public Empowerment				
405	Land Drainage	7,350,000	4,625,000	-	262,000,000
	Total	261,415,000	135,288,000	6,225,000	892,000,000

Programme 401: Environmental Policy and Management

Rs Rs Rs

Item No.	Details	Jul-Dec 2009 Estimates	2010 Estimates	2011 Planned	2012 Planned	
21	Compensation of Employees	11,202,000	28,065,000	28,476,000	28,893,000	
21110	Personal Emoluments	9,552,000	24,815,000	25,226,000	25,643,000	
21111	Other Staff Costs	1,650,000	3,250,000	3,250,000	3,250,000	
22	Goods and Services	12,223,000	25,035,000	25,035,000	25,035,000	
22010	Cost of Utilities	2,900,000	6,225,000	6,225,000	6,225,000	
22020	Fuel and Oil	1,700,000	3,400,000	3,400,000	3,400,000	
22030	Rent	6,053,000	12,105,000	12,105,000	12,105,000	
22040	Office Equipment and Furniture	50,000	100,000	100,000	100,000	
22050	Office Expenses	190,000	365,000	365,000	365,000	
22060	Maintenance	900,000	1,900,000	1,900,000	1,900,000	
22070	Cleaning Services	30,000	70,000	70,000	70,000	
22100	Publications and Stationery	350,000	650,000	650,000	650,000	
22120	Fees	50,000	220,000	220,000	220,000	

Rs Rs Rs Rs Jul-Dec 2009 2010 2011 2012 Item No. **Details Estimates Estimates** Planned **Planned** 26 4,000,000 2,085,000 2,107,000 **Grants** 6,010,000 26210 2,010,000 2,085,000 2,107,000 Current Grant to International Organisations of which: 26210060 Contribution to UN Framework 68,000 69,000 67,000 Convention on Climate Change(UNFCCC) 26210061 Contribution to Trust Fund for the African 611,000 620,000 626,500 Ministerial Conference on the Environment 26210062 Contribution to UN Convention to combat 39,000 40,000 40,400 Drought and Desertification 26210063 Contribution to UNEP Environment Fund 170,000 179,000 181.000 26210064 Contribution to UN Convention on 46,000 48,000 48,500 Biological Diversity 26210065 1,000,000 1,050,000 1,060,500 Contribution to Convention for the Protection, Management and Development 26210066 Contribution to United Nations (Kyoto 55,000 57,000 57,600 26210150 Contribution to the General Trust Fund 22,000 23,000 23,500 for the Stockholm Convention on Persistent Organic Pollutants 26312 Local Authorities 4,000,000 4,000,000 26312010 4,000,000 Current Grant - Local Authorities for 4,000,000 Control of Affixing Posters

Programme 402: Environmental Protection and Conservation

Total

Rs Rs Rs Jul-Dec 2009 2010 2011 2012 Item No. **Details Estimates Estimates** Planned **Planned** 21 24,379,000 50,140,000 50,932,000 51,739,000 Compensation of Employees 21110 Personal Emoluments 21,754,000 44,790,000 45,582,000 46,389,000 21111 Other Staff Costs 2,625,000 5,350,000 5,350,000 5,350,000 22 **Goods and Services** 19,240,000 60,564,000 74,664,000 57,264,000 22020 Fuel and Oil 800,000 1,650,000 1,650,000 1,650,000 22040 Office Equipment and Furniture 325,000 550,000 550,000 550,000 22050 370,000 725,000 725,000 725,000 Office Expenses 22060 Maintenance 170,000 530,000 530,000 530,000 22070 Cleaning Services 75,000 150,000 150,000 150,000 22090 Security 650,000 1,350,000 1,350,000 1,350,000 3,250,000 6,000,000 6,000,000 6,000,000 22100 Publications and Stationery 22120 Fees 11,100,000 42,400,000 47,300,000 36,500,000 22150 Scientific and Laboratory Equipment and 600,000 1,200,000 1,200,000 1,200,000 22900 Other Goods and Services 1,900,000 6,009,000 15,209,000 8,609,000

27,425,000

59,110,000

55,596,000

56,035,000

		Rs	Rs	Rs	Rs
Item No.	Details	Jul-Dec 2009 Estimates	2010 Estimates	2011 Planned	2012 Planned
31	Acquisition of Non-Financial Assets	27,200,000	68,100,000	46,600,000	51,350,000
31122	Other Machinery and Equipment	2,450,000	17,500,000	4,600,000	4,600,000
31122404	Upgrading of Laboratory Equipment	150,000	350,000	350,000	400,000
31122802	Acquisition of IT Equipment	200,000	700,000	550,000	400,000
	(a) Department of Environment	200,000	550,000	400,000	400,000
	(b) Persistent Organic Pollutants	-	150,000	150,000	-
31122804	Acquisition of Laboratory Equipment	400,000	8,200,000	700,000	800,000
	(a) for Air Monitoring	-	7,500,000	-	-
	(b) for National Environment Laboratory	400,000	700,000	700,000	800,000
31122999	Acquisition of Other Machinery and Equipment	1,700,000	8,250,000	3,000,000	3,000,000
	(a) Incinerator WIO-Lab-Demo Project in Port Area	-	8,250,000	-	-
	(b) Equipment i.c.w Contingency Plan and Disaster Preparedness	1,000,000	-	1,000,000	1,000,000
	(c) Other Equipment	700,000	-	2,000,000	2,000,000
31133	Furniture, Fixtures and Fittings	250,000	500,000	500,000	250,000
31133801	Acquisistion of Furniture, Fixtures and Fittings	250,000	500,000	500,000	250,000
	(a) Department of Environment	250,000	250,000	250,000	250,000
	(b) GEF - Persistent Organic Pollutants	-	250,000	250,000	-
31410	Non-Produced Assets	24,500,000	50,100,000	41,500,000	46,500,000
31410402	Improvement/Upgrading/ Rehabilitation of	24,500,000	50,100,000	41,500,000	46,500,000
	(a) Rehabilitation of Beach	10,500,000	31,700,000	17,000,000	18,000,000
	(b) Beach Reprofiling	8,000,000	7,000,000	12,000,000	15,000,000
	(c) Upgrading Works along River Banks	5,000,000	9,400,000	5,000,000	6,000,000
	(d) Others	1,000,000	2,000,000	7,500,000	7,500,000
	Total	70,819,000	178,804,000	172,196,000	160,353,000

Programme 403: Uplifting and Embellishment of the Physical Environment

RsRsJul-Dec 2009 2010 2011 2012 Item No. **Details Estimates Estimates Planned Planned** 21 **Compensation of Employees** 55,270,000 105,745,000 107,321,000 108,928,000 21110 Personal Emoluments 45,436,000 86,545,000 88,121,000 89,728,000 21111 Other Staff Costs 9,834,000 19,200,000 19,200,000 19,200,000 22 **Goods and Services** 9,248,000 24,842,000 24,842,000 24,842,000 22040 Office Equipment and Furniture 25,000 35,000 35,000 35,000 22050 70,000 70,000 Office Expenses 43,000 70,000 22,325,000 22060 Maintenance 9,005,000 22,325,000 22,325,000 22100 250,000 250,000 250,000 Publications and Stationery 125,000 22120 162,000 162,000 162,000 Fees 50,000 22900 2,000,000 2,000,000 2,000,000 Other Goods and Services

_		Rs	Rs	Rs	Rs
Item No.	Details	Jul-Dec 2009 Estimates	2010 Estimates	2011 Planned	2012 Planned
31	Acquisitions of Non-Financial Assets	48,350,000	98,200,000	58,200,000	58,300,000
31112	Non-Residential Buildings	250,000	500,000	500,000	500,000
31113	Other Structures	25,000,000	30,000,000	20,000,000	20,000,000
31113425	Embellishment of Infrastructural Works	25,000,000	30,000,000	20,000,000	20,000,000
31121	Transport Equipment	1,500,000	2,000,000	2,000,000	2,000,000
31122	Other Machinery and Equipment	1,500,000	2,500,000	2,500,000	2,600,000
31133	Furniture, Fixtures and Fittings	100,000	200,000	200,000	200,000
31410	Non-Produced Assets	20,000,000	63,000,000	33,000,000	33,000,000
31410402	Improvement/Upgrading/ Rehabilitation of Rivers/ Beaches/ Mountain Reserves/ Islets	7,500,000	24,000,000	9,000,000	9,000,000
31410403	Improvement/Upgrading/ Rehabilitation of Public and Other Sites	12,500,000	39,000,000	24,000,000	24,000,000
	Total	112,868,000	228,787,000	190,363,000	192,070,000

Programme 404 : Community-Based Infrastructure, Amenities and Public Empowerment

Sub -Programme 40401: Community-Based Infrastructure and Amenities

	,	Rs	Rs	Rs	Rs
Item No.	Details	Jul-Dec 2009	2010	2011	2012
21	Compensation of Employees	16,245,000	38,563,000	39,166,000	39,781,000
21110	Personal Emoluments	14,555,000	34,623,000	35,226,000	35,841,000
21111 22	Other Staff Costs Goods and Services	1,690,000 5,250,000	3,940,000 14,127,000	3,940,000 14,127,000	3,940,000 14,155,000
22010 22020	Cost of Utilities Fuel and Oil	700,000 125,000	1,930,000 300,000	1,930,000 300,000	1,930,000 300,000
22030	Rent	2,450,000	6,822,000	6,822,000	7,050,000
22040	Office Equipment and Furniture	150,000	715,000	715,000	715,000
22050	Office Expenses	250,000	725,000	725,000	725,000
22060	Maintenance	900,000	1,800,000	1,800,000	1,800,000
22070	Cleaning Services	50,000	100,000	100,000	100,000
22100	Publications and Stationery	410,000	1,075,000	1,075,000	1,075,000
22120	Fees	50,000	400,000	400,000	200,000
22900	Other Goods and Services	165,000	260,000	260,000	260,000
26 26210	Grants Current Grant to International	-	215,000 215,000	225,000 225,000	250,000 250,000
26210067	Organisations Contribution to Afro-Asian Rural Development Organisation (AARDO)	-	215,000	225,000	250,000
31	Acquisition of Non-Financial Assets	155,300,000	460,700,000	318,375,000	266,000,000
31112	Non-Residential Buildings	3,000,000	9,000,000	-	-
31112001	Construction of Office Buildings	1,000,000	1,000,000	-	-
31112022	Construction of Market Fairs	-	4,000,000	-	-
31112023	Construction of Community Centres/Social Halls	2,000,000	4,000,000	-	-

		Rs	Rs	Rs	Rs
Item No.	Details	Jul-Dec 2009 Estimates	2010 Estimates	2011 Planned	2012 Planned
31122	Acquisition of Other Machinery and	-	5,000,000	-	-
	Equipment				
31113	Other Structures	152,300,000	446,700,000	318,375,000	266,000,000
31113003	Construction of Roads	50,000,000	105,100,000	82,500,000	100,000,000
31113006	Construction of Sports Facilities	18,000,000	58,700,000	33,500,000	30,000,000
31113014	Landscaping Works	10,000,000	46,100,000	35,600,000	18,000,000
31113018	Road Safety Devices	-	17,000,000	11,100,000	1,000,000
31113019	Construction of Bus Shelters and Stands	300,000	1,600,000	975,000	1,000,000
31113021	Construction of Chidren's Playgrounds	1,000,000	6,000,000	5,500,000	3,000,000
31113022	Construction of Cremation Grounds / Cemeteries	4,000,000	10,200,000	6,000,000	6,000,000
31113403	Upgrading of Roads	60,000,000	106,200,000	100,500,000	85,000,000
31113406	Upgrading of Sports Facilities	5,000,000	56,100,000	22,500,000	12,000,000
31113422	Upgrading of Cremation Grounds / Cemeteries	4,000,000	39,700,000	20,200,000	10,000,000
	Total	176,795,000	513,605,000	371,893,000	320,186,000

Sub-Programme 40402: Public Empowerment through Citizen's Advice Bureaux

		Rs	Rs	Rs Rs	
Item No.	Details	Jul-Dec 2009	2010	2011	2012
Item No.	Details	Estimates	Estimates	Planned	Planned
21	Compensation of Employees	16,205,000	31,552,000	32,062,000	32,582,000
21110	Personal Emoluments	14,655,000	28,052,000	28,562,000	29,082,000
21111	Other Staff Costs	1,550,000	3,500,000	3,500,000	3,500,000
22	Goods and Services	2,647,000	6,095,000	6,095,000	6,120,000
22010	Cost of Utilities	1,562,000	3,500,000	3,500,000	3,500,000
22030	Rent	325,000	650,000	650,000	675,000
22050	Office Expenses	150,000	425,000	425,000	425,000
22090	Security	100,000	200,000	200,000	200,000
22100	Publications and Stationery	290,000	945,000	945,000	945,000
22120	Fees	50,000	100,000	100,000	100,000
22900	Other Goods and Services	170,000	275,000	275,000	275,000
31	Acquisition of Non-Financial Assets	800,000	3,000,000	3,000,000	3,000,000
31112	Non-Residential Buildings	500,000	2,000,000	1,500,000	1,500,000
31122	Other Machinery and Equipment	300,000	1,000,000	1,500,000	1,500,000
	Total	19,652,000	40,647,000	41,157,000	41,702,000

Programme 405: Land Drainage

			Rs	Rs	Rs
Item No.	Details	Jul-Dec 2009	2010	2011	2012
Item No.	Details	Estimates	Estimates	Planned	Planned
21	Compensation of Employees	2,627,000	7,350,000	7,451,000	7,554,000
21110	Personal Emoluments	2,110,000	5,600,000	5,701,000	5,804,000
21111	Other Staff Costs	517,000	1,750,000	1,750,000	1,750,000
22	Goods and Services	1,825,000	4,625,000	4,625,000	4,700,000
22010	Cost of Utilities	375,000	905,000	905,000	905,000
22030	Rent	988,000	2,175,000	2,175,000	2,250,000
22040	Office Equipment and Furniture	150,000	715,000	715,000	715,000
22050	Office Expenses	145,000	430,000	430,000	430,000
22070	Cleaning Services	17,000	50,000	50,000	50,000
22100	Publications and Stationery	100,000	250,000	250,000	250,000
22900	Other Goods and Services	50,000	100,000	100,000	100,000
31	Acquisition of Non-Financial Assets	100,000,000	262,000,000	217,000,000	225,000,000
31113	Other Structures	100,000,000	262,000,000	217,000,000	225,000,000
31113015	Land Drainage and Watershed	100,000,000	262,000,000	217,000,000	225,000,000
	Management Programme				
	Total	104,452,000	273,975,000	229,076,000	237,254,000

PART D: HUMAN RESOURCES

Colomy			Funded Positions				
Salary Code	Position Titles	2009 (Jul-Dec)	2010	2011	2012		
	AMME 401- Environmental Policy and	76	95	95	95		
Managen		70		,,,	,,,		
	Minister	1	1	1	1		
02 00 93	Permanent Secretary	1	1	1	1		
02 75 82	Principal Assistant Secretary	1	1	1	1		
02 45 67	Assistant Secretary	3	3	3	3		
01 60 71	Manager, Financial Operations	-	1	1	1		
01 48 59	Senior Financial Operations Officer	-	1	1	1		
01 41 55	Financial Operations Officer	-	2	2	2		
01 29 49	Assistant Financial Operations Officer	-	3	3	3		
21 60 71	Manager (Procurement and Supply)	-	1	1	1		
21 48 59	Senior Procurement and Supply Officer	-	2	2	2		
21 41 55	Procurement and Supply Officer	-	1	1	1		
21 29 49	Assistant Procurement and Supply Officer	-	4	4	4		
01 29 55	Internal Control Officer	-	2	2	2		
08 40 50	Higher Executive Officer	2	1	1	1		
08 28 45	Executive Officer	4	4	4	4		
08 36 47	Office Supervisor	3	2	2	2		
08 33 50	Confidential Secretary	3	4	4	4		
08 28 44	Special Clerical Officer	1	1	1	1		
08 17 41	Clerical Officer/Higher Clerical Officer	25	25	25	25		
08 26 44	Senior Word Processing Operator	1	1	1	1		
08 16 40	Word Processing Operator	6	4	4	4		
22 10 35	Telephone Operator	1	1	1	1		
24 26 33	Head Office Care Attendant	2	2	2	2		
24 17 28	Senior Office Care Attendant	1	1	1	1		
24 08 25	Office Care Attendant	12	17	17	17		
24 07 27	Stores Attendant	12	1	1	1 /		
24 13 36) Driver	8	Q	Q	8		
24 13 30) Driver	8	0	o	o		
	MME 402- Environmental Protection and						
Conserva		145	150	150	150		
19 00 90	Director	1	1	1	1		
	Manager, National Environmental		1	1	1		
-	Laboratories (New)	-	1	1			
12 00 95	Chairman EAT	1	1	1	1		
19 75 82	Deputy Director	2	2	2	2		
19 65 75	Divisional Environment Officer	7	9	9	9		
19 59 71	Senior Environment Officer	3	1	1	1		
19 59 71	Senior Scientific Officer	1	1	1	1		

a i		Funded Positions				
Salary Code	Position Titles	2009 (Jul-Dec)	2010	2011	2012	
19 65 75	Divisional Scientific Officer	1	1	1	1	
08 46 68	Secretary EAT	1	1	1	1	
19 45 67	Environment Officer	46	49	49	49	
19 45 67	Scientific Officer	13	13	13	13	
19 24 51	Environment Enforcement Officer	13	12	12	12	
08 40 50	Higher Executive Officer	2	2	2	2	
08 42 56	Shorthand Writer	1	1	1	1	
08 33 50	Confidential Secretary	3	3	3	3	
08 28 45	Executive Officer	5	5	5	5	
08 36 47	Office Supervisor	1	1	1	1	
08 17 41	Clerical Officer/Higher Clerical Officer	10	10	10	10	
08 16 40	Word Processing Operator	10	8	8	8	
24 14 41	Laboratory Attendant	8	8	8	8	
24 10 30	Resource Center Attendant	1	1	1	1	
24 08 25	Office Care Attendant	8	12	12	12	
22 10 35	Receptionist/Telephone Operator	1	1	1	1	
24 13 36) Driver	6	6	6	6	
24 13 31)	O	O	0	0	
	MME 403- Uplifting and Embelishment of the					
	Environment	685	676	676	676	
26 65 75	Project Manager	1	1	1	1	
26 59 71	Deputy Project Manager	1	1	1	1	
26 51 62	Chief Inspector	1	1	1	1	
26 46 58	Senior Inspector	4	4	4	4	
26 39 53	Inspector	9	9	9	9	
26 20 48	Assistant Inspector	10	1	1	1	
24 21 39	Driver Mechanical Unit	6	6	6	6	
24 27 41	Senior Leading Hand	10	10	10	10	
24 18 36	Leading Hand	52	52	52	52	
25 14 37	Mason	53		53	53	
25 14 37	Carpenter	13		13		
25 14 37	Cabinet Maker	6	6	6	6	
25 14 37	Welder	6	6	6	6	
24 06 25	Handy Worker	50	50	50	50	
24 08 28	Handy Worker (Special Class)	20		20	20	
24 13 36) Driver	16		16		
24 13 31) Driver	10	10	10	10	
24 10 30	Garderner/Nurseryman	9	9	9	9	
25 14 37	Painter	6	6	6	6	
25 07 27	Tradesman Assistant	10	10	10	10	
25 14 37	General Assistant	2	2	2	2	
24 02 21) General Worker	400		400	400	
24 02 16)	400	400	700	+00	
	<u> </u>					

Calarry		Funded Positions					
Salary Code	Position Titles	2009 (Jul-Dec)	2010	2011	2012		
	AMME 404: Community-Based Infrastructure, s and Public Empowerment	1re, 215 229 229		229			
	OGRAMME 40401 : Community- Based octure and Amenities	87	97	97	97		
02 00 93	Permanent Secretary	1	1	1	1		
02 00 86	Project Coordinator	_	1	1	1		
02 75 82	Permanent Assistant Secretary	1	1	1	1		
02 00 84	Chief Regional Development Officer	1	1	1	1		
02 65 75	Principal Regional Development Officer	2.	2	2	2		
02 65 75	Project Manager	2	2	2	2		
02 59 71	Senior Regional Development Officer	3	3	3	3		
02 49 67	Project Officer	_	_	_	_		
02 45 67	Assistant Secretary	2	2.	2	2		
02 44 67	Regional Development Officer	10	10	10	10		
02 38 62	Project Assistant	3	2	2	2		
08 29 58	Assistant Regional Development Officer	1	1	1	1		
01 60 71	Manager, Financial Operations	_	1	1	1		
01 54 64	Assistant Manager, Financial Operations	-	1	1	1		
01 48 59	Senior Financial Operations Officer	_	1	1	1		
01 41 55	Financial Operations Officer	-	2	2	2		
01 29 49	Assistant Financial Operations Officer	-	3	3	3		
21 54 64	Assistant Manager (Procurement and Supply)	_	1	1	1		
21 29 49	Assistant Procurement and Supply Officer	-	2	2	2		
01 48 59	Senior Internal Control Officer	_	1	1	1		
08 28 45	Executive Officer	9	9	9	9		
08 36 47	Office Supervisor	1	1	1	1		
08 28 44	Special Clerical Officer	1	1	1	1		
08 17 41	Clerical Officer/Higher Clerical Officer	17	15	15	15		
08 33 50	Confidential Secretary	10	10	10	10		
08 26 44	Senior Word Processing Operator	1	1	1	1		
08 16 40	Word Processing Operator	6	6	6	6		
24 26 33	Head Office Care Attendant	2	2	2	2		
24 08 25	Office Care Attendant	8	8	8	8		
22 10 35	Receptionist/Telephone Operator	2	2	2	2		
24 13 36) Driver	3	3	3	3		
24 13 31)						
24 07 27	Stores Attendant	1	1	1	1		

Salary Code	Position Titles	Funded Positions			
		2009 (Jul-Dec)	2010	2011	2012
SUB-PROGRAMME 40402 : Public Empowerment through Citizen's Advice Bureaux		128	132	132	132
08 55 67	Citizen's Advice Bureau Co-ordinator	-1	1	1	1
08 48 62	Assistant Citizen's Advice Bureau Co-ordinator	2	2	2	2
08 41 58	Citizen's Advice Bureau Organiser	35	35	35	35
08 16 40	Word Processing Operator	31	31	31	31
04 08 25	Office Care Attendant	32	35	35	35
24 02 21) General Worker	28	28	28	28
24 02 16)				
PROGRAMME 405: Land Drainage		11	13	13	13
02 64 70	Project Manager	-	1	1	1
02 59 71	Senior Regional Development Officer	2	2	2	2
02 49 67	Project Officer	1	1	1	1
02 44 67	Regional Development Officer	5	5	5	5
02 38 62	Project Assistant	-	1	1	1
08 17 41	Clerical Officer/Higher Clerical Officer	1	1	1	1
08 16 40	Word Processing Operator	1	1	1	1
08 28 45	Executive Officer	1	1	1	1
Total Funded Positions		1,132	1,163	1,163	1,163