

Chapter : 3103 Ministry of Transport/Meteorology Department

Creation: Jordan Meteorology was established as a monitoring and forecasting office at Jerusalem Airport in 1951. The Meteorological Service joined the World Meteorological Organization in 1955 and joined the membership of the Arab League Meteorology Subcommittee in the same year. Under Bylaw No. (19) for the year 1967, Meteorology became an independent department of the Ministry of Transport.

Vision : A leading and distinctive department in meteorology

Mission: Monitoring weather and climate and publishing weather forecasting and early warnings.

Legal Framework : Jordan Meteorological Department Bylaw No. (19) for the year 1967

Tasks of the Ministry / Department:

- _ Establish a network of meteorology stations and forecast offices as well as centers for weather meteorology researches for agricultural and water affairs.
- _ Monitor meteorology stations, forecast offices and research centers.
- _ Exchange of meteorology information between the Hashemite Kingdom of Jordan and abroad.
- _ Conduct scientific studies and researches
- _ Provide private companies and institutions and persons with weather information for lump-sums by a decision of the Minister and a recommendation of the Director, except the international obligations.
- _ Issue weather news and provide forecasts.
- _ Train technicians that are needed by the Department, provide training programs and give certificates to those who complete successfully the training programs.

Ministry/Department Contribution to the Achievement of the National Objectives:

- _ Improve the level of services provided to citizens and justice in distribution.

Major Issues and Challenges which face the Ministry / Department:

- _ Attrition of qualified and trained scientific competencies due to low salaries and wages.
- _ lack of broad understanding of the importance of the role of meteorology in society.
- _ Scarcity of specialization and insufficient number of graduates in meteorology
- _ Lack of financial resources because of the department depends on the public Treasury.
- _ Weakness of salaries and allowances for technical jobs compared to neighboring countries.
- _ Slowness in issuing the applicable bylaws for department's work.
- _ Inadequate current staffing to the work of the department and an increase in staff turnover.
- _ Presence of several sites that are not eligible on the internet to give the weather forecast.

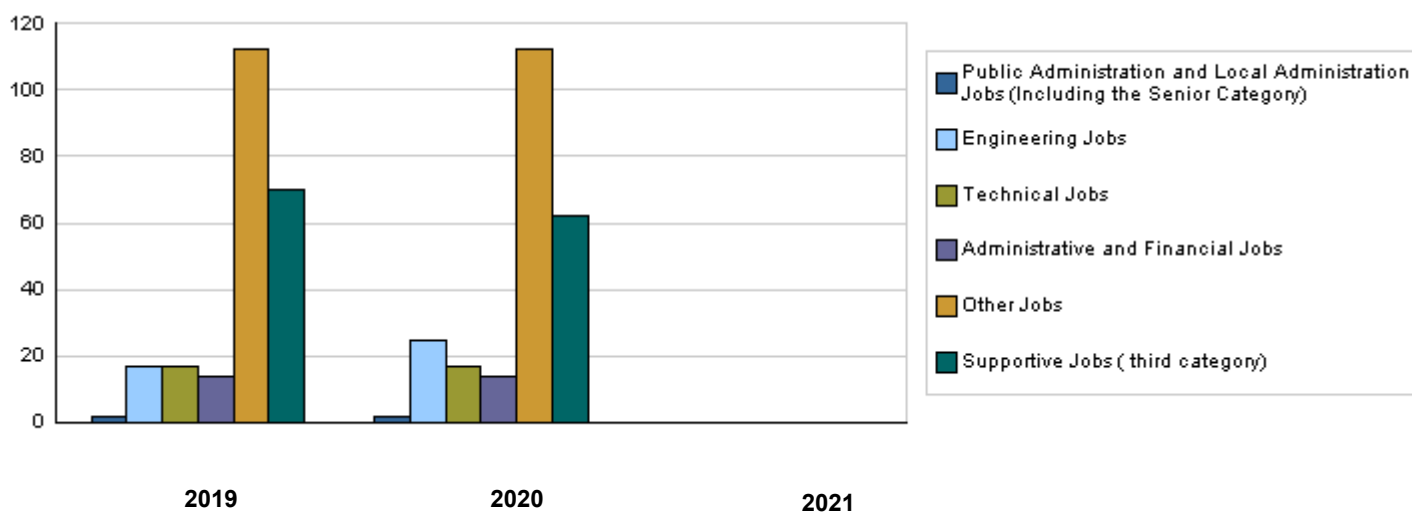
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Strategic Objectives and Performance Indicators of the Ministry / Department

Strategic Objective	Performance Indicator	Base year	Value	Actual Value	Target Value	Preliminary Self Evaluation	Target Value		
				2019	2020	2020	2021	2022	2023
1 - To contribute in protecting lives and properties.	1 Accuracy and comprehensiveness of information provided to the beneficiaries	2015	80%	92%	92%	92%	-	-	-
2 - To develop the department services and upgrade the institutional and individual performance level	1 Number of annual training courses	2015	89	60	70	50	-	-	-
	2 Renew the quality certificate ISO	2015	1	1	1	1	-	-	-
	3 Number of meteorology stations	2015	37	65	80	65	-	-	-
	4 Degree of customer satisfaction	2015	91.3%	92%	94%	90%	-	-	-
	5 Areas covered by weather stations of the Kingdom's total area.	2015	43%	70%	80%	75%	-	-	-

Number of Staff of the Ministry / Department

Group	Job	2019			2020			Preliminary 2021		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Public Administration and Local Administration Jobs (Including the Senior Category)	Supervisory jobs	2	0	2	2	0	2	0	0	0
Engineering Jobs	Engineer	15	2	17	23	2	25	0	0	0
Technical Jobs	Technical jobs	12	5	17	12	5	17	0	0	0
Administrative and Financial Jobs	Administrative and financial jobs	5	9	14	5	9	14	0	0	0
Other Jobs	Meteorologist / Predictor	103	9	112	103	9	112	0	0	0
Supportive Jobs (third category)	Support employee	67	3	70	59	3	62	0	0	0
Total		204	28	232	204	28	232	0	0	0
Total Cost of Salaries		1300646	178520	1479166	1331276	182724	1514000	0	0	0



Key Information of the Ministry / Department

No.	Description	2017	2018	2019	2020	2021
1	Issuing (3 weather forecasts bulletin daily) over the year	1095	1095	1095	1095	0
2	Issuing flight route maps/annually	33945	34000	34500	35000	0
3	Issuing special weather forecast bulletin for aviation purposes /annually	70080	70080	70080	70080	0
4	Launching air balloons/annually	730	730	730	730	0

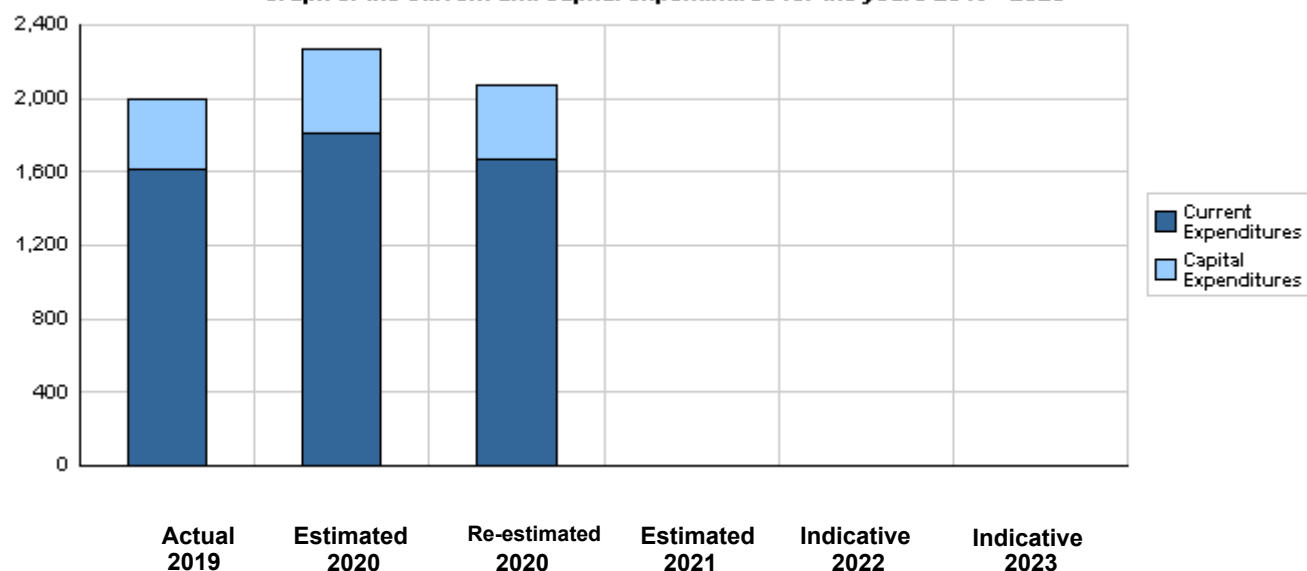
**Overall Summary of Expenditures for Chapter 3103- Ministry of Transport/Meteorology Department
for the Years 2019 - 2023**

(In JDs)

Description		Actual 2019	Estimated 2020	Re-estimated 2020	Estimated 2021	Indicative 2022 2023	
Group	Current Expenditures						
2111	Salaries, Wages and Allowances	1,336,311	1,482,000	1,359,000	0	0	0
2121	Social Security Contributions	142,855	158,000	155,000	0	0	0
2211	Use of Goods and Services	130,885	170,000	150,000	0	0	0
2821	Other Current Expenditures	0	4,000	4,000	0	0	0
Total current expenditures		1,610,051	1,814,000	1,668,000	0	0	0
Capital Expenditures							
2211	Use of Goods and Services	293,940	227,000	194,000	0	0	0
3112	Devices, Machinery and Equipment	93,293	58,000	41,000	0	0	0
3122	Inventories	0	165,000	165,000	0	0	0
Total capital expenditures		387,233	450,000	400,000	0	0	0
Treasury		387,233	450,000	400,000	0	0	0
Total current and capital expenditures		1,997,284	2,264,000	2,068,000	0	0	0

(Thousands of JDs)

Graph of the current and capital expenditures for the years 2019 - 2023



Budget Chapter 3103 - Ministry of Transport/Meteorology Department Distributed According to the Program

5401	Administration and Support Services Program
Objective of the program :	
The program aims to sustain and promote the administrative services, provide the suitable conditions for employees in the Department to perform their tasks optimally and improve the level of staff in terms of scientific and technical aspects.	
The strategic objective related to the program :	
To develop the department services and upgrade institutional and individual performance level.	
Directorates associated with the program :	
<ul style="list-style-type: none"> - Financial and Administrative Affairs Directorate - Supply and Maintenance Directorate - Internal Control Unit - Human Resources Unit - Quality Management and Institutional Development Unit 	
Services provided by the program :	
<ul style="list-style-type: none"> - Provide the companies, private institutions and persons with weather information. - Provide the necessary administrative and financial support to implement the Department's activities, projects and objectives. - Supply the different sectors to climate and atmospheric information for multiple purposes by rules and bylaws. 	
Staff working in the program :	
The program is implemented through a functional staff in 2020 estimated with (59) staff, including (47) males and (12) females .	

Key Performance Indicators for Program									
Performance Measurement Indicator		Base Year	Value	Actual value	Target Value	Preliminary Self Evaluation	Target Value		
				2019	2020		2020	2021	2022
1	Number of annual training courses	2015	89	60	70	50	-	-	-
2	Renewing of quality certificate ISO	2015	1	1	1	1	-	-	-
3	Areas covered by meteorological stations of the Kingdom's total area.	2015	43%	70%	80%	75%	-	-	-

Appropriations Of Administration and Support Services Program as Per Activities and Projects. (In JDs)							
Activities and Projects		Actual	Estimated	Re-estimated	Estimated	Indicative	
		2019	2020	2020	2021	2022	2023
Current Expenditures		582,283	681,000	622,000	0	0	0
601	Administrative and Support Services	582,283	681,000	622,000	0	0	0
Capital Expenditures		0	0	0	0	0	0
Program / Treasury		0	0	0	0	0	0
Total Program		582,283	681,000	622,000	0	0	0

Budget Chapter 3103 - Ministry of Transport/Meteorology Department Distributed According to the Program

5405	Forecasting and Meteorology Program
Objective of the program :	
The program aims to develop meteorology means in terms of equipment and qualified and trained technical staff and to develop the scientific research center.	
The strategic objective related to the program :	
To contribute in protecting lives and properties.	
Directorates associated with the program :	
<ul style="list-style-type: none"> - Meteorological Stations Directorate - IT Directorate - Weather Forecasts Directorate - International Communications Systems Directorate - Applied Meteorology Directorate - Training Center for Meteorological and Weather Forecast 	
Services provided by the program :	
<ul style="list-style-type: none"> - Issuing weather forecasts bulletins. - Issuing warning weather forecasts bulletins for weather and climate. 	
Staff working in the program :	
The program is implemented through a functional staff in 2020 estimated with (173) staff, including (157) males and (16) females .	

Key Performance Indicators for Program									
Performance Measurement Indicator		Base Year	Value	Actual value	Target Value	Preliminary Self Evaluation	Target Value		
				2019	2020		2020	2021	2022
1	Number of meteorological stations	2015	37	65	80	65	-	-	-
2	Accuracy and comprehensive of submitted information to beneficiaries	2015	80%	92%	92%	92%	-	-	-
3	Degree of customer satisfaction	2015	91.3%	92%	94%	90%	-	-	-

Appropriations Of Forecasting and Meteorology Program as Per Activities and Projects.							(In JDs)	
Activities and Projects		Actual	Estimated	Re-estimated	Estimated	Indicative		
		2019	2020	2020	2021	2022	2023	
Current Expenditures		1,027,768	1,133,000	1,046,000	0	0	0	
601	Meteorology	1,027,768	1,133,000	1,046,000	0	0	0	
Capital Expenditures		387,233	450,000	400,000	0	0	0	
001	Modernizing and developing the meteorology project	387,233	450,000	400,000	0	0	0	
Program / Treasury		387,233	450,000	400,000	0	0	0	
Total Program		1,415,001	1,583,000	1,446,000	0	0	0	

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(In JDs)

Current Activities Appropriations According to Program								
Prog.	Activites		Actual	Estimated	Re-estimated	Estimated	Indicative	Indicative
			2019	2020	2020	2021	2022	2023
5405	601	Meteorology	1027768	1133000	1046000	0	0	0
		Total of Program	1027768	1133000	1046000	0	0	0
5401	601	Administrative and Support Services	582283	681000	622000	0	0	0
		Total of Program	582283	681000	622000	0	0	0
		Total	1610051	1814000	1668000	0	0	0

Capital Projects Appropriations According to Program								
Prog.	Projects		Actual	Estimated	Re-estimated	Estimated	Indicative	Indicative
			2019	2020	2020	2021	2022	2023
5405	001	Modernizing and developing the meteorology project	387233	450000	400000	0	0	0
		Total of Program	387233	450000	400000	0	0	0
		Total	387233	450000	400000	0	0	0

Overall Summary of Current Expenditures for the Years 2019 - 2023

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(In JDs)

Group	Item	Description	Actual 2019	Estimated 2020	Re-estimated 2020	Estimated 2021	Indicative 2022	Indicative 2023
21		Compensations of Employees						
2111		Salaries, Wages and Allowances						
	101	Classified Employees	44692	20000	17000	0	0	0
	102	Unclassified Employees	326844	338000	327000	0	0	0
	103	Comprehensive Contract Employees	8993	19000	0	0	0	0
	105	Personal Cost of Living Allowance	293199	324000	266000	0	0	0
	106	Family Cost of Living Allowance	35172	40000	34000	0	0	0
	110	Overtime Allowance	100237	120000	120000	0	0	0
	111	Additional Allowance	205588	216000	216000	0	0	0
	113	Transportation Allowance	50955	53000	49000	0	0	0
	114	Transport Allowance	18745	29000	20000	0	0	0
	116	Employees' Bonuses	180000	200000	200000	0	0	0
	120	Contract Employees	71886	123000	110000	0	0	0
Total			1336311	1482000	1359000	0	0	0
2121		Social Security Contributions						
	301	Social Security	142855	158000	155000	0	0	0
Total			142855	158000	155000	0	0	0
22		Use of Goods and Services						
2211		Use of Goods and Services						
	202	Telecommunications Services	19991	34000	26000	0	0	0
	203	Water	5029	7000	7000	0	0	0
	204	Electricity	30000	37000	37000	0	0	0
	205	Fuels	14991	16000	16000	0	0	0
	206	Maintenance of Machines, furniture and accessories	1121	3000	2000	0	0	0
	207	Maintenance of vehicles, equipment and accessories	6800	8000	7000	0	0	0
	208	Repair and maintenance of buildings and accessories	0	2000	0	0	0	0
	209	Stationery, Publications and Office Supplies	3298	6000	6000	0	0	0
	210	Substances and raw materials (medicines, clothes, food, films, etc..)	12997	17000	15000	0	0	0
	211	Cleaning services and supplies including cleaning contracts	20836	24000	22000	0	0	0
	212	Insurance	4000	4000	1000	0	0	0
	213	Official Travel Missions	5988	7000	6000	0	0	0
	214	Goods and services expenses	5834	5000	5000	0	0	0
Total			130885	170000	150000	0	0	0
28		Other Expenditures						
2821		Other Current Expenditures						
	303	Scientific scholarships and training courses	0	2000	2000	0	0	0
	305	Non-Employees' Bonuses	0	2000	2000	0	0	0
Total			0	4000	4000	0	0	0
Total of Chapter			1610051	1814000	1668000	0	0	0

Program : 5401 - Administration and Support Services								
Activity : 601 - Administrative and Support Services								
Group	Item	Description	Actual 2019	Estimated 2020	Re-estimated 2020	Estimated 2021	Indicative 2022	Indicative 2023
21		Compensations of Employees						
2111		Salaries, Wages and Allowances						
	101	Classified Employees	15348	3000	3000	0	0	0
	102	Unclassified Employees	112937	118000	118000	0	0	0
	103	Comprehensive Contract Employees	0	19000	0	0	0	0
	105	Personal Cost of Living Allowance	97741	114000	95000	0	0	0
	106	Family Cost of Living Allowance	13570	15000	14000	0	0	0
	111	Additional Allowance	77337	85000	85000	0	0	0
	113	Transportation Allowance	18955	21000	18000	0	0	0
	114	Transport Allowance	7710	11000	9000	0	0	0
	116	Employees' Bonuses	70000	75000	75000	0	0	0
	120	Contract Employees	27843	50000	50000	0	0	0
		Total	441441	511000	467000	0	0	0
2121		Social Security Contributions						
	301	Social Security	49099	58000	55000	0	0	0
		Total	49099	58000	55000	0	0	0
22		Use of Goods and Services						
2211		Use of Goods and Services						
	202	Telecommunications Services	9994	19000	15000	0	0	0
	203	Water	3643	4000	4000	0	0	0
	204	Electricity	15000	20000	20000	0	0	0
	205	Fuels	10991	11000	11000	0	0	0
	001	Heating	2991	2000	2000	0	0	0
	002	Saloon vehicles	4000	4000	4000	0	0	0
	003	Transport vehicles and heavy equipment	4000	5000	5000	0	0	0
	206	Maintenance of Machines, furniture and accessories	675	1000	1000	0	0	0
	207	Maintenance of vehicles, equipment and accessories	6800	6000	6000	0	0	0
	208	Repair and maintenance of buildings and accessories	0	1000	0	0	0	0
	209	Stationery, Publications and Office Supplies	973	2000	2000	0	0	0
	210	Substances and raw materials (medicines, clothes, food, films, etc..)	12997	14000	12000	0	0	0
	211	Cleaning services and supplies including cleaning contracts	18836	21000	20000	0	0	0
	212	Insurance	4000	4000	1000	0	0	0
	213	Official Travel Missions	4000	5000	4000	0	0	0
	214	Goods and services expenses	3834	3000	3000	0	0	0
	121	Administrative expenses	3834	3000	3000	0	0	0
		Total	91743	111000	99000	0	0	0
28		Other Expenditures						
2821		Other Current Expenditures						
	303	Scientific scholarships and training courses	0	1000	1000	0	0	0
		Total	0	1000	1000	0	0	0
		Total of Activity	582283	681000	622000	0	0	0
		Total of Program	582283	681000	622000	0	0	0

Program : 5405 - Forecasting and Meteorology								
Activity : 601 - Meteorology								
Group	Item	Description	Actual 2019	Estimated 2020	Re-estimated 2020	Estimated 2021	Indicative 2022	Indicative 2023
21		Compensations of Employees						
2111		Salaries, Wages and Allowances						
	101	Classified Employees	29344	17000	14000	0	0	0
	102	Unclassified Employees	213907	220000	209000	0	0	0
	103	Comprehensive Contract Employees	8993	0	0	0	0	0
	105	Personal Cost of Living Allowance	195458	210000	171000	0	0	0
	106	Family Cost of Living Allowance	21602	25000	20000	0	0	0
	110	Overtime Allowance	100237	120000	120000	0	0	0
	111	Additional Allowance	128251	131000	131000	0	0	0
	113	Transportation Allowance	32000	32000	31000	0	0	0
	114	Transport Allowance	11035	18000	11000	0	0	0
	116	Employees' Bonuses	110000	125000	125000	0	0	0
	120	Contract Employees	44043	73000	60000	0	0	0
		Total	894870	971000	892000	0	0	0
2121		Social Security Contributions						
	301	Social Security	93756	100000	100000	0	0	0
		Total	93756	100000	100000	0	0	0
22		Use of Goods and Services						
2211		Use of Goods and Services						
	202	Telecommunications Services	9997	15000	11000	0	0	0
	203	Water	1386	3000	3000	0	0	0
	204	Electricity	15000	17000	17000	0	0	0
	205	Fuels	4000	5000	5000	0	0	0
		001 Heating	2000	2000	2000	0	0	0
		002 Saloon vehicles	2000	3000	3000	0	0	0
	206	Maintenance of Machines, furniture and accessories	446	2000	1000	0	0	0
	207	Maintenance of vehicles, equipment and accessories	0	2000	1000	0	0	0
	208	Repair and maintenance of buildings and accessories	0	1000	0	0	0	0
	209	Stationery, Publications and Office Supplies	2325	4000	4000	0	0	0
	210	Substances and raw materials (medicines, clothes, food, films, etc..)	0	3000	3000	0	0	0
	211	Cleaning services and supplies including cleaning contracts	2000	3000	2000	0	0	0
	213	Official Travel Missions	1988	2000	2000	0	0	0
	214	Goods and services expenses	2000	2000	2000	0	0	0
		121 Administrative expenses	2000	2000	2000	0	0	0
		Total	39142	59000	51000	0	0	0
28		Other Expenditures						
2821		Other Current Expenditures						
	303	Scientific scholarships and training courses	0	1000	1000	0	0	0
	305	Non-Employees' Bonuses	0	2000	2000	0	0	0
		Total	0	3000	3000	0	0	0
		Total of Activity	1027768	1133000	1046000	0	0	0
		Total of Program	1027768	1133000	1046000	0	0	0
		Total of Chapter	1610051	1814000	1668000	0	0	0

Overall Summary of Capital Expenditures for the Years 2019 - 2023

Chapter : 3103 Ministry of Transport/Meteorology Department

(In JDs)

Group	Item	Description	Actual 2019	Estimated 2020	Re-estimated 2020	Estimated 2021	Indicative 2022	Indicative 2023
		Expenditures						
22		Use of Goods and Services						
2211		Use of Goods and Services						
	510	Buildings and facilities repair and maintenance	29075	8000	4000	0	0	0
	512	Operating and Sustaining Expenditures	264865	219000	190000	0	0	0
Total			293940	227000	194000	0	0	0
		Fixed Assets						
31		Non-financial Assets						
3112		Devices, Machinery and Equipment						
	505	Equipment, Machines and Devices	68493	58000	41000	0	0	0
	506	Vehicles and Equipment	24800	0	0	0	0	0
Total			93293	58000	41000	0	0	0
3122		Inventories						
	503	Materials and supplies	0	165000	165000	0	0	0
Total			0	165000	165000	0	0	0
Total of Chapter			387233	450000	400000	0	0	0

Capital Expenditures According to Program and Projects for the Years 2019 - 2023

Chapter : 3103 Ministry of Transport/Meteorology Department

(In JDs)

Program 5405 Forecasting and Meteorology								
Project		001 Modernizing and developing the meteorology project						
Fund Source		102001 Capital (Treasury)						
Group	Item	Description	Actual 2019	Estimated 2020	Re-estimated 2020	Estimated 2021	Indicative 2022	Indicative 2023
22		Use of Goods and Services						
2211		Use of Goods and Services						
	510	Buildings and facilities repair and maintenance						
	008	Buildings and facilities maintenance	29075	8000	4000	0	0	0
		Total of Item	29075	8000	4000	0	0	0
	512	Operating and Sustaining Expenditures						
	008	Qualification and training expenses	2980	30000	20000	0	0	0
	011	Capacity building expenses	153177	19000	19000	0	0	0
	012	Subscriptions, insurances	0	8000	8000	0	0	0
	013	Services contracts	70715	147000	130000	0	0	0
	035	Technical and administrative support	37150	5000	5000	0	0	0
	036	Computerization and automation operations expenses	843	10000	8000	0	0	0
		Total of Item	264865	219000	190000	0	0	0
31		Non-financial Assets						
3112		Devices, Machinery and Equipment						
	505	Equipment, Machines and Devices						
	001	Computers and accessories	20158	7000	3000	0	0	0
	005	Meteorology devices	39303	30000	20000	0	0	0
	023	Electrical devices and equipment	5228	5000	2000	0	0	0
	068	Solar cells generating the electric energy	0	16000	16000	0	0	0
	070	Air radar device	3804	0	0	0	0	0
		Total of Item	68493	58000	41000	0	0	0
	506	Vehicles and Equipment						
	006	Passenger mini-buses	24800	0	0	0	0	0
		Total of Item	24800	0	0	0	0	0
3122		Inventories						
	503	Materials and supplies						
	019	Spare parts supplies	0	165000	165000	0	0	0
		Total of Item	0	165000	165000	0	0	0
		Total of Project / Treasury	387233	450000	400000	0	0	0
		Total of Program	387233	450000	400000	0	0	0
		Total of Chapter	387233	450000	400000	0	0	0