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PROPOSED PROGRAMME BUDGET FOR THE BIENNIUM 1988-1989*

PART IV. ECONOMIC, SOCIAL AND HUMANITARIAN ACTIVITIES

Section 13. Economic Commission for Africa

CONTENTS

	<u>Page</u>
A. Policy-making organs	11
B. Executive direction and management	13
C. Programmes of activity	22
1. Food and agriculture in Africa	22
2. Marine affairs in Africa	32
3. Development issues and policies in Africa	37
4. Environment in Africa	60
5. Human settlements in Africa	66
6. Industrial development in Africa	71
7. International trade and development finance in Africa	80

* The programme budget as approved by the General Assembly will be issued in its entirety as Official Records of the General Assembly, Forty-second Session, Supplement No. 6 (A/42/6/Rev.1).

CONTENTS (continued)

	<u>Page</u>
8. Natural resources in Africa	88
9. Energy and development in Africa	96
10. Population in Africa	102
11. Public administration and finance in Africa	109
12. Science and technology in Africa	115
13. Social development and humanitarian affairs in Africa	121
14. Statistics in Africa	129
15. Transport, communications and tourism in Africa	140
D. Programme support	154
1. Conference services	154
2. Management of technical co-operation activities	160
3. Administration and common services	166
4. Construction Planning Unit	181

SECTION 13. ECONOMIC COMMISSION FOR AFRICA

TABLE 13.1. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

DIRECT COSTS

(1) Regular budget

1986-1987 appropri- ation	Estimated additional requirements									
	Revaluation of 1986-1987 re- source base (at revised 1987 rates)		Resource growth (at revised 1987 rates)		Inflation in 1988 and 1989		Total increase		1988-1989 estimates	
	\$	%	\$	%	\$	%	\$	%	\$	%
46 063.3	(2 906.9)	(6.3)	66.9	0.1	799.7	1.7	(2 040.3)	(4.4)	44 023.0	

Analysis of real growth (at revised 1987 rates)

(1) Total revalued 1986-1987 resource base	Resource growth					Rate of real growth (5) over (1)
	(2) Actual	(3) Less non-recurrent items	(4) Plus delayed growth (new posts)	(5) Adjusted		
43 156.4	66.9	150.4	10.2	(73.3)	(0.1)%	

TABLE 13.1 (continued)

(2) Extrabudgetary resources

	1986-1987 estimated expenditures	1988-1989 estimated expenditures
(a) Services in support of:		
(i) Other United Nations organizations	-	-
(ii) Extrabudgetary programmes	2 975.4	2 279.0
Total (a)	2 975.4	2 279.0
(b) Substantive activities		
Food and Agriculture Organization of the United Nations	1 400.0	1 400.0
United Nations Environment Programme	220.0	200.0
Bilateral sources	550.2	349.0
Total (b)	2 170.2	1 949.0
(c) Operational projects		
United Nations Development Programme	7 700.4	13 405.3
United Nations Trust Fund for African Development	48.7	706.1
United Nations Fund for Population Activities	6 211.8	5 977.8
United Nations Development Fund for Women	296.2	10.0
United Nations Environment Programme	18.8	100.0
Bilateral sources	944.9	1 832.4
Total (c)	15 220.8	22 031.6
Total (a), (b) and (c)	20 366.4	26 259.6
Total, direct costs		70 282.6

Programme	(1)	(2)	(3)	(4)	(5)	(6)	Additional requirements					Total (8)	Net additional requirements (9)	Total revalued 1986-1987 resource base (10)	(11)+(9)
							Delayed impact of 1986-1987 growth	Recosting at revised 1987 rates	Other objects of expenditure	Established posts	Established posts of expenditure				
A. Policy-making organs	364.9	-	-	-	-	5.5	-	-	5.5	-	-	5.5	5.5	-	370.4
B. Executive direction and management	2 483.0	150.4	-	-	1.5	1.7	(174.6)	(171.4)	(321.8)	(321.8)	(321.8)	(171.4)	(321.8)	-	2 161.2
C. Programmes of activity:															
1. Food and agriculture	1 484.8	-	-	-	1.2	1.1	(112.0)	(109.7)	(109.7)	(109.7)	(109.7)	(109.7)	(109.7)	-	1 375.1
2. Marine affairs	107.7	-	76.8	-	-	-	(13.4)	63.4	63.4	63.4	63.4	63.4	63.4	-	171.1
3. Development issues and policies	7 941.0	-	18.8	-	7.0	16.9	(537.0)	(494.3)	(494.3)	(494.3)	(494.3)	(494.3)	(494.3)	-	7 446.7
4. Environment	262.6	-	60.2	-	-	0.8	(22.6)	38.4	38.4	38.4	38.4	38.4	38.4	-	301.0
5. Human settlements	556.1	-	-	-	0.3	0.8	(40.8)	(39.7)	(39.7)	(39.7)	(39.7)	(39.7)	(39.7)	-	516.4
6. Industrial development	2 349.3	-	-	-	2.2	2.2	(174.6)	(170.2)	(170.2)	(170.2)	(170.2)	(170.2)	(170.2)	-	2 179.1
7. International trade and development finance	2 321.1	-	-	-	1.3	1.8	(172.0)	(168.9)	(168.9)	(168.9)	(168.9)	(168.9)	(168.9)	-	2 152.2
8. Natural resources	1 482.7	-	-	-	0.1	1.4	(109.8)	(108.3)	(108.3)	(108.3)	(108.3)	(108.3)	(108.3)	-	1 374.4
9. Energy and development	444.4	-	-	-	-	0.3	(33.8)	(33.5)	(33.5)	(33.5)	(33.5)	(33.5)	(33.5)	-	410.9
10. Population	952.3	-	-	-	0.7	1.5	(69.8)	(67.6)	(67.6)	(67.6)	(67.6)	(67.6)	(67.6)	-	884.7

TABLE 13.2 (continued)

Programme	1986-1987 appropriation (1)	Non-recurrent items (2)	Additional requirements			Net additional requirements (9)	Total revalued 1986-1987 resource base (10)			
			Delayed impact of 1986-1987 growth	Recosting at revised 1987 rates	Additional requirements					
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
11. Public administration and finance	822.1	-	-	-	0.7	1.1	(59.6)	(57.8)	(57.8)	764.3
12. Science and technology	601.5	-	-	-	0.6	0.9	(42.6)	(41.1)	(41.1)	560.4
13. Social development and humanitarian affairs	1 538.3	3.1	69.6	-	0.4	1.7	(118.0)	(46.3)	(49.4)	1 488.9
14. Statistics	2 015.7	-	60.2	-	1.6	0.6	(161.6)	(99.2)	(99.2)	1 916.5
15. Transport, communications and tourism	2 000.8	-	-	-	1.0	2.2	(147.0)	(143.8)	(143.8)	1 857.0
D. Programme support										
1. Conference services	4 078.6	146.2	-	-	3.6	7.8	(270.2)	(258.8)	(405.0)	3 673.6
2. Management of technical co-operation activities	798.2	-	-	-	0.4	0.5	(60.0)	(59.1)	(59.1)	739.1
3. Administration and common services	13 145.8	-	-	-	2.2	66.6	(690.0)	(621.2)	(621.2)	12 524.6
4. Construction Planning Unit	312.4	-	-	-	0.3	0.1	(24.0)	(23.6)	(23.6)	288.8
Total	46 063.3	299.7	285.6	-	25.1	115.5	(3 033.4) _a	(2 607.2)	(2 906.9)	43 156.4

TABLE 13.3. REGULAR BUDGET, DIRECT COSTS: SUMMARY OF 1988-1989 REQUIREMENTS AND RATES OF REAL GROWTH, BY PROGRAMME
(Thousands of United States dollars)

Programme	1986-1987 appropriation	Estimated additional requirements				1988-1989 estimates	Rates of real growth %	
		Revaluation of 1986-1987 resource base (at revised 1987 rates)	Resource growth (at revised 1987 rates)	Inflation in 1988 and 1989	Total increase			
A. Policy-making organs	364.9	5.5	-	16.7	22.2	6.0	387.1	-
B. Executive direction and management	2 483.0	(321.8)	138.5	18.1	(165.2)	(6.6)	2 317.8	(0.5)
C. Programmes of activity:								
1. Food and agriculture	1 484.8	(109.7)	(23.5)	12.1	(121.1)	(8.1)	1 363.7	(1.7)
2. Marine affairs	107.7	63.4	(4.3)	1.4	60.5	56.1	168.2	(2.5)
3. Development issues and policies	7 941.0	(494.3)	(58.6)	88.1	(464.8)	(5.8)	7 476.2	(0.7)
4. Environment	262.6	38.4	(7.1)	2.6	33.9	12.9	296.5	(2.3)
5. Human settlements	556.1	(39.7)	(4.3)	3.8	(40.2)	(7.2)	515.9	(0.8)
6. Industrial development	2 349.3	(170.2)	(9.7)	14.7	(165.2)	(7.0)	2 184.1	(0.4)
7. International trade and development finance	2 321.1	(168.9)	(21.1)	19.8	(170.2)	(7.3)	2 150.9	(0.9)
8. Natural resources	1 482.7	(108.3)	(13.1)	13.8	(107.6)	(7.2)	1 375.1	(0.9)
9. Energy and development	444.4	(33.5)	(2.0)	1.8	(33.7)	(7.5)	410.7	(0.4)
10. Population	952.3	(67.6)	(11.1)	7.2	(71.5)	(7.5)	880.8	(1.2)

TABLE 13.3 (continued)

Programme	1986-1987 appropriation	Estimated additional requirements					1988-1989 estimates	Rates of real growth %
		Revaluation of 1986-1987 resource base (at revised 1987 rates)	Resource growth (at revised 1987 rates)	Inflation in 1988 and 1989	Total increase	\$		
11. Public administration and finance	822.1	(57.8)	(13.0)	7.3	(63.5)	(7.7)	758.6	(1.7)
12. Science and technology	601.5	(41.1)	(11.9)	4.6	(48.4)	(8.0)	553.1	(2.1)
13. Social development and humanitarian affairs	1 538.3	(49.4)	(33.5)	12.3	(70.6)	(4.5)	1 467.7	(2.2)
14. Statistics	2 015.7	(99.2)	14.1	23.3	(61.8)	(3.0)	1 953.9	0.7
15. Transport, communications and tourism	2 000.8	(143.8)	(23.3)	13.7	(153.4)	(7.6)	1 847.4	(1.2)
D. Programme support								
1. Conference services	4 078.6	(405.0)	(20.1)	80.4	(344.7)	(8.4)	3 733.9	(0.5)
2. Management of technical co-operation activities	798.2	(59.1)	(3.7)	3.8	(59.0)	(7.3)	739.2	(1.6)
3. Administration and common services	13 145.8	(621.2)	175.4	451.7	5.9	-	13 151.7	1.4
4. Construction Planning Unit	312.4	(23.6)	(0.8)	2.5	(21.9)	(7.0)	290.5	(0.2)
Total	46 063.3	(2 906.9)	66.9	799.7	(2 040.3)	(4.4)	44 023.0	(0.1)

Objects of expenditure	Estimated additional requirements					Rates of real growth %
	1986-1987 appropriation	Revaluation of 1986-1987 resource base (at revised 1987 rates)	1988 and 1989	Total increase	1988-1989 estimates	
Established posts	24 777.1	(1 756.3)	322.4	(1 433.9)	23 343.2	-
Temporary assistance for meetings	831.5	(54.1)	35.2	(18.9)	812.6	-
General temporary assistance	600.7	(15.6)	26.6	11.0	611.7	-
Consultants	387.7	(11.8)	(112.9)	(112.7)	275.0	(30.0)
Overtime	126.1	1.9	5.8	7.7	133.8	-
Ad hoc expert groups	90.7	1.6	(21.7)	(17.2)	73.5	(23.5)
Temporary posts	299.6	(114.6)	1.6	(14.0)	285.6	-
Common staff costs	13 058.6	(1 002.2)	51.4	(829.3)	12 229.3	-
Representation allowances	9.2	-	-	-	9.2	-
Travel of staff to service meetings	438.8	(6.3)	17.6	(32.0)	406.8	(10.0)
Other official travel of staff	986.4	14.6	41.1	(44.5)	941.9	(10.0)
Contractual services	79.7	1.1	3.7	4.8	84.5	-
Contracts - external translation and interpretation	18.7	(18.7)	-	(18.7)	-	-
External printing and binding	84.7	1.3	4.7	23.8	108.5	20.6
General operating expenses	208.4	(4.2)	9.3	5.1	213.5	-
Rental and maintenance of premises	440.1	6.5	20.3	26.8	466.9	-
Utilities	328.4	4.9	176.8	204.9	533.3	53.0
Rental and maintenance of equipment	454.8	6.7	20.9	27.6	482.4	-
Communications	960.3	12.4	44.2	56.6	1 016.9	-
Hospitality	11.4	0.2	0.6	0.8	12.2	-
Miscellaneous services	304.1	4.5	14.0	18.5	322.6	-
Supplies and materials	1 283.4	17.1	59.1	76.2	1 359.6	-
Furniture and equipment	282.9	4.1	13.0	17.1	300.0	-
Total	46 063.3	(2 906.9)	799.7	(2 040.3)	44 023.0	(0.1)

TABLE 13.5. POST REQUIREMENTS

Organizational unit: Economic Commission for Africa

	Established posts		Temporary posts				Total
	Regular budget		Regular budget		Extrabudgetary resources		
	1986-1987	1988-1989	1986-1987	1988-1989	1986-1987	1988-1989	
Professional category and above							
USG	1	1	-	-	-	1	1
D-2	1	1	-	-	1	1	2
D-1	18	18	-	-	1	19	20
P-5	39	39	1	1	5	45	45
P-4	58	58	-	-	8	66	66
P-3	76	76	1	1	3	80	80
P-2/1	30	30	-	-	3	33	33
Total	223	223	2	2	20	245	247
Other categories				2 a/			
Local level	403	403	2	2	41	446	446
Total	403	403	2	2	41	446	446
Grand total	626	626	4	4	61	691	693

a/ In addition, one temporary post at the P-5 level is requested for continuation in 1988-1989 on a non-recurrent basis under Executive direction and management (see para. 13.10).

A. Policy-making organs

TABLE 13.6. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1986-1987 appropriation	Estimated additional requirements				Total increase	1988-1989 estimates
		Revaluation of 1986-1987 base (at revised 1987 rates)	Resource growth (at revised 1987 rates)	Inflation			
Temporary assistance for meetings	250.0	3.8	-	11.5	15.3	265.3	
Overtime	26.0	0.4	-	1.2	1.6	27.6	
External printing and binding	27.2	0.4	-	1.2	1.6	28.8	
Communications	46.0	0.7	-	2.1	2.8	48.8	
Supplies and materials	15.7	0.2	-	0.7	0.9	16.6	
Total	364.9	5.5	-	16.7	22.2	387.1	

Analysis of real growth (at revised 1987 rates)

(1) Total revalued 1986-1987 resource base	Resource growth				Rate of real growth (5) over (1)
	(2) Actual	(3) Less non-recurrent items	(4) Plus delayed growth (new posts)	(5) Adjusted	
370.4	-	-	-	-	-

(2) Extrabudgetary resources

	-
Total	387.1

A. Policy-making organs

13.1 This programme is administered by the Cabinet Office of the Executive Secretary of the Economic Commission for Africa (ECA), which is responsible for the technical and substantive servicing of the sessions of the Commission and the Conference of Ministers, those of the Technical Preparatory Committee of the Whole and the Joint Conference of African Planners, Statisticians and Demographers, the last-named meeting being serviced in close co-operation with the Population and Statistics Divisions.

13.2 Included in this programme are provisions for the holding of the twenty-third and twenty-fourth sessions of the Commission and the fourteenth and fifteenth Conference of Ministers, the ninth and tenth meetings of the Technical Preparatory Committee of the Whole and the biennial Joint Conference of African Planners, Statisticians and Demographers. The provisions proposed below are based on the assumption that the above meetings would be held at Addis Ababa.

Resource requirements (at revised 1987 rates)

Temporary assistance for meetings

13.3 The requirements under this heading (\$253,800) are to provide for interpretation and translation services at the meetings indicated in paragraph 13.2 above. The resources required are maintained at the 1986-1987 base level.

External printing and binding

13.4 An amount of \$27,600 would be required to publish the annual reports of the Commission. The resources required are maintained at the 1986-1987 base level.

Overtime; communications; and supplies and materials

13.5 The level of resources requested under these objects of expenditure are based on the previous experience of ECA and do not involve any increase over the base.

B. Executive direction and management

TABLE 13.7. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1986-1987 appropriation	Estimated additional requirements				1988-1989 estimates
		Revaluation of 1986-1987 resource base (at revised 1987 rates)	Re-source growth (at revised 1987 rates)	Inflation in 1988 and 1989	Total increase	
Established posts	1 451.2	(113.4)	-	9.6	(103.8)	1 347.4
Temporary posts	99.0	(99.0)	99.0	-	-	99.0
Common staff costs	806.7	(111.1)	51.4	3.6	(56.1)	750.6
Representation allowances	9.2	-	-	-	-	9.2
Travel of staff to service meetings	21.5	0.3	(2.2)	1.0	(0.9)	20.6
Other official travel of staff	95.4	1.4	(9.7)	3.9	(4.4)	91.0
Total	2 483.0	(321.8)	138.5	18.1	(165.2)	2 317.8

Analysis of real growth (at revised 1987 rates)

(1) Total revalued 1986-1987 resource base	Resource growth				Rate of real growth over (1)
	(2) Actual	(3) Less non-recurrent items	(4) Plus delayed growth (new posts)	(5) Adjusted	
2 161.2	138.5	150.4	-	(11.9)	(0.5)%

TABLE 13.7 (continued)

(2) Extrabudgetary resources

	1986-1987 estimated expenditures	1988-1989 estimated expenditures
(a) Services in support of:		
(i) Other United Nations organizations	-	-
(ii) Extrabudgetary programmes	344.3	394.6
Total (a)	344.3	394.6
(b) Substantive activities	-	-
Total (b)	-	-
(c) Operational projects	-	-
Total (c)	-	-
Total (a), (b) and (c)	344.3	394.6
	Total	2 712.4

TABLE 13.8. POST REQUIREMENTS

Programme: Executive direction and management

Professional category and above	Established posts		Temporary posts					
	Regular budget		Regular budget		Extrabudgetary resources			
	1986-1987	1988-1989	1986-1987	1988-1989	1986-1987	1988-1989		
USG	1		-	-	-	1	1	
D-2	1		-	-	-	1	1	
D-1	1		-	-	1	1	2	
P-5	3		-	-	-	3	3	
P-4	3		-	-	-	3	3	
P-3	4		-	-	-	4	4	
P-2/1	1		-	-	-	1	1	
Total	14	14	-	- a/	-	1	14	15
Other categories								
Local level	12	12	-	-	2	2	14	14
Total	12	12	-	-	2	2	14	14
Grand total	26	26	-	-	2	3	28	29

a/ One temporary post at the P-5 level is requested for continuation in 1988-1989 on a non-recurrent basis (see para. 13.10).

B. Executive direction and management

13.6 The overall executive direction and management of the Economic Commission for Africa is provided by the Office of the Executive Secretary.

13.7 The Office provides continuous interpretations of the goals, objectives and resource and policy requirements of Africa's Priority Programme for Economic Recovery, 1986-1990 (A/40/666), the United Nations Programme of Action for African Economic Recovery and Development, 1986-1990 (General Assembly resolution S-13/2), and the document titled "The Nairobi Forward-looking Strategies for the Advancement of Women" adopted by the World Conference to Review and Appraise the Achievements of the United Nations Decade for Women: Equality, Development and Peace, held at Nairobi from 15 to 26 July 1985, in addition to the Lagos Plan of Action for the Implementation of the Monrovia Strategy for the Economic Development of Africa and the Final Act of Lagos (A/S-11/14, annexes I and II). It also provides co-ordination and leadership at the regional level, both among the agencies of the United Nations, on the one hand, and among regional intergovernmental development-oriented institutions, on the other.

13.8 The Office organizes and services the meetings of the legislative organs of the Commission, participates in the work of the Economic and Social Council and the General Assembly and provides information services. It also applies management tools such as planning, programming, monitoring and evaluation in ensuring the effective management of the programme activities of the Commission.

13.9 The six subprogrammes relating to this programme, their programme elements and related outputs planned for the biennium 1988-1989 are described below:

Subprogramme 1. Overall executive direction

(a) Resource requirements: regular budget: \$486,700 (21 per cent of programme total).

(b) Reference: This subprogramme does not fall within the programme structure of the medium-term plan.

(c) Programme elements:

1.1 Overall management and direction of substantive programmes and support services

Output: Substantive servicing of: (a) the meetings of the ECA Conference of Ministers (first quarter, 1988; first quarter, 1989); and (b) 40 meetings of the multinational programming and operational centres (MULPOC) Councils of Ministers (five meetings each quarter, 1988 and 1989).

1.2 Co-operation in and co-ordination of regional programmes and activities

No final output. This activity includes participation in meetings of the legislative organs of the Organization of African Unity (OAU), participation in meetings organized by intergovernmental and non-governmental organizations and organizing and stimulating action by the United Nations for effective implementation of the United Nations Programme of Action for African Economic Recovery and Development.

1.3 Participation in global policy-making

No final output. The activity includes participation in meetings of the General Assembly and the Economic and Social Council, contributions to the reports of the Secretary-General to the General Assembly, and participation at Senior Officer's meetings and meetings of the Executive Secretaries of regional commissions.

1.4 Consultations with member States

Subprogramme 2. Secretariat services to the Commission

(a) Resource requirements: regular budget: \$324,400 (14 per cent of programme total).

(b) Reference: This subprogramme does not fall within the programme structure of the medium-term plan.

(c) Programme elements:

2.1 Technical servicing of the work of the policy-making organs of the Commission**

No final output. This activity includes calendar planning, preparatory work and technical services for the ninth and tenth meetings of the Technical Preparatory Committee of the Whole and its annotation and of the twenty-third and twenty-fourth sessions of the Commissions fourteenth/fifteenth meetings of the Conference of Ministers.

2.2 Co-ordination of reporting on work of the Commission and follow-up to intergovernmental decisions**

2.3 Liaison with Regional Commissions Liaison Office

Subprogramme 3. Information services

(a) Resource requirements: regular budget: \$324,400 (14 per cent of programme total).

(b) Reference: This subprogramme does not fall within the programme structure of the medium-term plan.

(c) Programme elements:

3.1 Production of information material

Output:

(i) Press releases (400);

** Lowest priority.

(ii) Two special posters on the occasion of the thirtieth anniversary of ECA (first quarter, 1988);

(iii) Photographs (50 per quarter, 1988 and 1989);

(iv) Feature stories on ECA activities, United Nations special days and information collaboration (12 each in 1988 and 1989);

(v) Bulletin of ECA-sponsored institutions (in English and French) (fourth quarter, 1988; fourth quarter, 1989);

(vi) Africa Hall Diary (weekly);

(vii) Special edition of ECA Today for the thirtieth anniversary of ECA (in French and English) (first quarter, 1988);

(viii) Revised revision of ECA in a Nutshell (first quarter, 1988);

(ix) Exhibitions (eight during first half, 1988 and 1989; 12 during second half, 1988 and 1989);

(x) Press conferences (four in 1988, four in 1989).

3.2 Liaison with media, Governments, non-governmental organizations, education institutions and cultural centres

3.3 General dissemination of public information and host country services

3.4 Feedback to Headquarters

No final output. Activity includes preparation of progress reports, biannual reports, weekly news and analyses and cables regarding English editorials on the United Nations, reports on United Nations commemorative days, press clippings for use by the Department of Public Information of the Secretariat.

Subprogramme 4. Policy analysis and co-ordination

(a) Resource requirements:

Regular budget: \$394,100 (17 per cent of programme total);

Extrabudgetary resources: \$264,400 (67 per cent of programme total).

(b) Reference: This subprogramme is not covered by the medium-term plan structure.

(c) Programme elements:

4.1 Policy analysis

Output: Reports to the ECA Conference of Ministers on the review and appraisal of progress made in the implementation of United Nations Programme of Action for African Economic Recovery and Development (resolution S-13/2), Africa's Priority Programme for Economic Recovery, 1986-1990 (A/40/666) and General Assembly

resolution 35/64 on the Lagos Plan of Action and the Final Act of Lagos (second quarter, 1988; second quarter, 1989).

4.2 Policy co-ordination*

Output: Substantive servicing of: (a) the annual meetings of the ECA Conference of Ministers and of its Technical Preparatory Committee of the Whole (TEPCOW) (two meetings, second quarter, 1988; two meetings, second quarter, 1989); and (b) the Permanent Steering Committee of the Organization of African Unity (OAU) (two meetings in 1988, two meetings in 1989).

Subprogramme 5. Programme planning and co-ordination

(a) Resource requirements:

Regular budget: \$394,100 (17 per cent of programme total);

Extrabudgetary resources: \$31,600 (8 per cent of programme total).

(b) Reference: This subprogramme does not fall within the programme structure of the medium-term plan.

(c) Programme elements:

5.1 Planning

No final output. This activity includes technical support to the work of MULPOCs in the area of planning and programme co-ordination, and co-ordination of the preparation of the first revision of the 1990-1995 medium-term plan (third quarter, 1989).

5.2 Programme aspects of the budget

Output: Report to the ECA Conference of Ministers on the Programme Aspects of the 1990-1991 proposed programme budget (second quarter, 1989).

Subprogramme 6. Monitoring and evaluation

(a) Resource requirements:

Regular budget: \$394,100 (17 per cent of programme total);

Extrabudgetary resources: \$98,600 (25 per cent of programme total).

(b) Reference: This subprogramme does not fall within the programme structure of the medium-term plan.

* Highest priority.

(c) Programme elements:

6.1 Monitoring

Output: Reports to the meeting of the ECA Conference of Ministers on (a) improved methods of preparing programme performance reports (second quarter, 1988); (b) the implementation of the 1988-1989 programme of work and priorities (second quarter, 1989); and (c) the biennial report of the Executive Secretary, including implementation of the 1986-1987 programme of work and priorities (second quarter, 1988).

6.2 Evaluation

Output: Reports to the ECA Conference of Ministers on (a) an evaluation of technical co-operation projects (second quarter, 1989); (b) an evaluation of the United Nations Transport and Communications Decade in Africa (second quarter, 1989); and (c) the review and appraisal of the impact of the Economic Commission for Africa on African development: Policy-making, programming and execution of projects (second quarter, 1988).

Resource requirements (at revised 1987 rates)

Temporary post

13.10 In its resolutions 38/227 A (sect. III, para. 3) of 20 December 1983 and 39/238 (para. 4) of 18 December 1984, the General Assembly requested the Secretary-General to review all possibilities available to strengthen the capacity of the evaluation units and systems of the United Nations. Accordingly, it is proposed to create a non-recurrent temporary post at the P-5 level to provide for an evaluation officer, on the expectation that after a transitional period its functions will be carried out by staff of ECA on a self-evaluation basis. The incumbent would carry out, in collaboration with the Programme Planning and Budget Division, Office for Programme Planning, Budgeting, Monitoring and Evaluation, essential evaluation tasks, including the preparation of studies, formulation of policies and adaptation of methodologies; ensure that feedback is utilized in policy and decision-making; and assist programme managers in the use of self-evaluation system as a management tool.

Travel of staff to service meetings

13.11 An amount of \$19,600 is required under this heading, reflecting a \$2,200 decrease from the 1986-1987 base. These provisions are to be utilized by the staff of the Office of the Executive Secretary (\$14,400) to attend regional and subregional meetings of various intergovernmental organizations, the General Assembly, the Economic and Social Council and of the Executive Secretaries. In addition, \$5,200 is required by the Office of the Secretary to the Commission for travel related to sessions of the Economic and Social Council.

Other official travel of staff

13.12 The estimated requirements of \$87,100 under this heading reflect a \$9,700 decrease from the 1986-1987 base. The provisions are intended for the tasks described below:

<u>Subprogramme</u>	<u>Description of tasks</u>	<u>\$</u>
1	To discuss with intergovernmental and non-governmental organizations measures for co-operation in and co-ordination of regional programmes and activities in the context of the implementation of the United Nations Programme of Action for African Economic Recovery and Development (UNPA-AERD)	41 800
3	To cover meetings of United Nations and non-United Nations regional intergovernmental organizations involved in the implementation of UNPA-AERD	16 600
5	To provide technical support to the work of the MULPOCs in the area of planning and programme co-ordination (five missions, first quarter, 1988; five missions, first quarter, 1989)	
	To participate in the activities of the central policy-making organs of the United Nations, especially ACC and CCSQ (PROG.) (two missions in 1988, two missions in 1989)	<u>28 700</u>
	Total	<u><u>87 100</u></u>

C. Programmes of activity

1. Food and agriculture in Africa

TABLE 13.9. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1986-1987 appropriation	Estimated additional requirements				Total increase	1988-1989 estimates
		Revaluation of 1986-1987 resource base (at revised 1987 rates)	Re-source growth (at revised 1987 rates)	Inflation in 1988 and 1989			
Established posts	928.8	(72.4)	-	7.2	(65.2)	863.6	
Consultants	12.5	0.2	(3.8)	0.4	(3.2)	9.3	
Ad hoc expert groups	15.0	0.2	(15.2)	-	(15.0)	-	
Common staff costs	483.6	(38.4)	-	2.7	(35.7)	447.9	
Travel of staff to service meetings	4.3	0.1	(0.4)	-	(0.3)	4.0	
Other official travel of staff	40.6	0.6	(4.1)	1.8	(1.7)	38.9	
Total	1 484.8	(109.7)	(23.5)	12.1	(121.1)	1 363.7	

Analysis of real growth (at revised 1987 rates)

(1) Total revalued 1986-1987 resource base	Resource growth				Rate of real growth over (1)
	(2) Actual	(3) Less non-recurrent items	(4) Plus delayed growth (new posts)	(5) Adjusted	
1 375.1	(23.5)	-	-	(23.5)	(1.7)%

TABLE 13.9 (continued)

(2) Extrabudgetary resources

	1986-1987 estimated expenditures	1988-1989 estimated expenditures
(a) Services in support of:		
(i) Other United Nations organizations	-	-
(ii) Extrabudgetary programmes	-	-
Total (a)	-	-
(b) Substantive activities		
Food and Agriculture Organization of the United Nations	1 400.0	1 400.0
Total (b)	1 400.0	1 400.0
(c) Operational projects		
Bilateral sources	-	428.7
Total (c)	-	428.7
Total (a), (b) and (c)	1 400.0	1 828.7
	Total	3 192.4

TABLE 13.10. POST REQUIREMENTS

Programme: Food and agriculture in Africa

	Established posts		Temporary posts				Total
	Regular budget		Regular budget		Extrabudgetary resources		
	1986-1987	1988-1989	1986-1987	1988-1989	1986-1987	1988-1989	
D-2	-	-	-	-	1	1	1
P-5	1	1	-	-	1	2	3
P-4	4	4	-	-	5	9	9
P-3	4	4	-	-	1	5	5
P-2/1	1	1	-	-	1	2	2
Total	10	10	-	-	9	10	20
Other categories							
Local level	9	9	-	-	1	1	10
Total	9	9	-	-	1	1	10
Grand total	19	19	-	-	10	11	30

C. Programmes of activity

1. Food and agriculture in Africa

13.13 The 1988-1989 programme budget, like its predecessors, will continue to accord priority attention to the attainment of food self-sufficiency in Africa. It reflects the concerns expressed in the ECA medium-term plan (1984-1989) as well as in General Assembly resolutions 35/64 and S-13/2 on the implementation of the food and agricultural aspects of the Lagos Plan of Action and of the Programme of Action for African Economic Recovery and Development (1986-1990). Moreover, it also mirrors the main thrust of the Substantial New Programme of Action for the 1980s for the Least Developed Countries (SNPA) and of the Harare Declaration on the Food Crisis in Africa adopted at the 13th FAO Regional Conference in July 1984.

13.14 The salient areas focused on in the programme elements include improvement of agricultural development planning and policies; development of statistical data; conservation and expansion of forest and land resources; and monitoring and evaluation of the implementation of the aforementioned United Nations resolutions. Other areas of parallel importance covered under the programme elements are promotion of agrarian reform; expansion of food production; exploitation of fisheries resources; livestock development; reduction of food losses; food security; and improvement of related institutions and facilities.

13.15 The programme consists of three subprogrammes planned for implementation during the biennium 1988-1989 which are described below:

Subprogramme 1. Agricultural development policy, planning and programming

(a) Resource requirements:

Regular budget: \$409,100 (30 per cent of programme total);

Extrabudgetary resources: \$406,000 (29 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 13.18-13.22.

(c) Programme elements:

1.1 Improving the capacity for agricultural planning and policies

Output:

(i) Report to the Council of Ministers of the Niamey-based MULPOC on harmonization of national food plans and policies (first quarter, 1988);

(ii) Technical publications: Improvement of agricultural development planning and policies with emphasis on investment programmes and projects for agricultural policy-makers and planners in the subregions of the Yaoundé-based and the Lusaka-based MULPOC (second quarter, 1988; second quarter, 1989).

Operational activities: Support to two training seminars for the Yaoundé-based and Lusaka-based MULPOC countries on the implementation, monitoring and evaluation of investment programmes and projects.

- 1.2 Monitoring and evaluation of the implementation of General Assembly resolutions 35/64 and S-13/2 of the United Nations General Assembly on the food and agriculture aspects of the Lagos Plan of Action and on the United Nations Programmes of Action for African Economic Recovery and Development 1986-1990*

Output: Reports to the Councils of Ministers of the MULPOCs based at Lusaka, Niamey, Yaoundé and Tangiers on the implementation of the food and agriculture aspects of the General Assembly resolution 35/64 of the United Nations Programme of Action for African Economic Recovery and Development 1986-1990 (three, first quarter, 1988; three, first quarter, 1989) (XB).

- 1.3 Development of agricultural statistical data

Output:

- (i) Report to the ECA Conference of Ministers on the improvement of the agricultural data base for women (first quarter, 1989);
- (ii) Technical publication: Measures for the improvement of agricultural data collection and processing in Africa for development planners and policy-makers (third quarter, 1988).

- 1.4 Improved policies and programmes for conservation and development of forest and land resources*

Output:

- (i) Reports to the Councils of Ministers of the MULPOCs based at Gisenyi and Tangiers on the state of management, conservation and exploitation of indigenous forest resources (first quarter, 1988; first quarter, 1989) (XB);
- (ii) Technical publication: Systems of afforestation and reforestation in arid and semi-arid areas of the subregions of the MULPOCS based at Lusaka, Niamey and Tangiers for forestry specialist (second quarter, 1989) (XB).

Operational activities: Support to a seminar for forestry specialists in the Niamey-, Lusaka- and Tangiers-based MULPOC countries on afforestation and reforestation techniques as a basis for combating drought and desertification (XB).

Subprogramme 2. Promotion of integrated rural development, improvement of agricultural institutions and services, and expansion of food production

- (a) Resource requirements:

Regular budget: \$613,700 (45 per cent of programme total);

Extrabudgetary resources: \$546,000 (39 per cent of programme total).

* Highest priority.

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 13.23-13.29.

(c) Programme elements:

2.1 Promotion of integrated rural development**

Output:

(i) Report to the Council of Ministers of the Tangiers-based MULPOC on measures to improve land tenure policies and inheritance laws (first quarter, 1988) (XB);

(ii) Technical publication: measures for improvement of women's land holdings and land rights for agricultural development officials (fourth quarter, 1989) (XB).

2.2 Improvement of agricultural institutions and services

Output:

(i) Report to the ECA Conference of Ministers on inter-country co-operation in the production and distribution of agricultural inputs (second quarter, 1989) (XB);

(ii) Reports to: (a) the Council of Ministers of the Lusaka-based MULPOC on the follow-up of the establishment of the proposed maize research network (first quarter, 1988; first quarter, 1989) (XB); and (b) the Council of Ministers of the Gisenyi-based MULPOC on ongoing maize research activities (first quarter, 1988);

(iii) Technical publication: Measures for the improvement of agricultural supporting services geared to the needs of small farmers and pastoralists for agricultural development officials (second quarter, 1989) (XB).

Operational activities: Advisory services to the Government of Lesotho on the implementation of the project "Testing and demonstrating improved technology in maize production on small farmers in Lesotho" (XB).

2.3 Multinational co-operation programmes and projects for the improvement of inland and marine fisheries

Output: Reports to the Councils of Ministers of the Yaoundé-based and Tangiers-based MULPOCs on the joint evaluation and optimal utilization of fisheries resources (first quarter, 1988; first quarter, 1989).

Operational activities: Two advisory service missions, on request, to member States on measures for promoting subregional co-operation in the production of fisheries.

2.4 Multinational co-operation programmes and projects for the improvement of livestock production

** Lowest priority.

Output:

(i) Report to the Conference of Ministers on measures taken to harmonize livestock development policies in Africa (second quarter, 1989);

(ii) Reports to the Councils of Ministers of the Niamey-based and Tangiers-based MULPOCs on the promotion and strengthening of joint ventures in the production and distribution of livestock inputs (first quarter, 1988; first quarter, 1989).

Operational activities: Five advisory service missions, on request, to member States on the harmonization of livestock development policies and programmes.

2.5 Expansion of food production*

Output:

(i) Report to the ECA Conference of Ministers on: (a) subregional co-operation in the production of cereals and tubers with special emphasis on the role of women (first quarter, 1988; first quarter, 1989) (XB); (b) non-conventional food resources in Africa (first quarter, 1989) (XB); and (c) improvement in the status of sedentary, rural populations and of nomadic societies through the reduction of food waste and losses at the production level (first quarter, 1988; first quarter, 1989) (XB);

(ii) Reports to the Council of Ministers of the Tangiers-based MULPOC on increased production of strategic food commodities (second quarter, 1988; second quarter, 1989) (XB).

Subprogramme 3. Agricultural marketing institutions, services and facilities

(a) Resource requirements:

Regular budget: \$340,900 (25 per cent of programme total);

Extrabudgetary resources: \$448,000 (32 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 13.30-13.33.

(c) Programme elements:

* Highest priority.

3.1 Development of agricultural marketing institutions, services and facilities**

Output:

(i) Reports to the Councils of Ministers of the Yaoundé-based and Niamey-based MULPOCs on the improvement of food marketing institutions (second quarter, 1988; second quarter, 1989) (XB);

(ii) Technical publication: fish processing, storage and distribution for agricultural marketing officials in the Lusaka-based MULPOC subregion (fourth quarter, 1988) (XB).

Operational activities: Two advisory service missions, on request, to the Lusaka-based MULPOC countries on agricultural marketing training and development (XB).

3.2 Reduction of food waste and losses by farmers, marketing institutions and consumers

Output:

(i) Reports to: (a) the Councils of Ministers of the Lusaka-based and Niamey-based MULPOCs on the implementation of the project "Improvement of food self-sufficiency and security through prevention of post-harvest food losses" (second quarter, 1988; second quarter, 1989) (XB); and (b) the Council of Ministers of the Lusaka-based MULPOC on the implementation of the pilot project "Reduction of food losses through insect pest management and use of small-scale and low-cost farm equipment" in south Nyanza, Kenya (second quarter, 1989) (XB);

(ii) Technical publications: (a) measures for the reduction of food waste and losses with accent on pest control, particularly insects, for managers of marketing institutions (fourth quarter, 1988); and (b) method and techniques for the reduction of food losses with a focus on root crops and cereals (third quarter, 1988).

Operational activities: Support of (a) a seminar for storage specialists in the Gisenyi-based MULPOC countries on improved techniques for the processing, preservation and storage of food products with special attention to roots and tubers (XB) and (b) a regional seminar for marketing officials on the improvement of store management practices including pest control measures (second quarter, 1989) (XB).

3.3 Marketing policies and programmes for food products

Output:

(i) Reports to the Councils of Ministers of the Gisenyi-based and Niamey-based MULPOCs on measures to harmonize prices of staple food crops (second quarter, 1988; second quarter, 1989);

** Lowest priority.

(ii) Report to the ECA Conference of Ministers on the improvement of marketing policies and programmes with emphasis on agricultural inputs, rural savings and credit facilities for small farmers and livestock producers, particularly women (first quarter, 1989).

3.4 Promotion of food security*

Output:

(i) Report to the ECA Conference of Ministers on the promotion of inter- and intraregional trade in staple crops including an increased inter-country exchange of market information (third quarter, 1988) (XB);

(ii) Reports to the Councils of Ministers of the Lusaka-based and Gisenyi-based MULPOCs on the improvement of storage facilities and services (second quarter, 1988; fourth quarter, 1989) (XB).

Resource requirements (at revised 1987 rates)

Consultants

13.16 The estimated requirements of \$8,900 under this heading reflect a \$3,800 decrease from the revalued base. The provision is required for two work-months of consultant services to evaluate the agricultural aspects of the Lagos Plan of Action and the United Nations Programme of Action for African Economic Recovery and Development 1986-1990 (programme element 1.2).

Travel of staff to service meetings

13.17 A provision of \$4,000 is required to travel to meetings of the MULPOCs at which reports on the agricultural aspects of the Lagos Plan of Action and the United Nations Programme of Action for African Economic Recovery and Development 1986-1990 would be presented.

Other official travel of staff

13.18 The estimated requirements of \$37,100 under this heading reflect a \$4,100 decrease from the revalued base and relate to missions to African countries, intergovernmental organizations and institutions for the purpose of holding discussions with relevant officials on issues pertaining to agricultural policies, plans and investment programmes, including project formulation and monitoring at national, subregional and regional levels. These missions will also be used to obtain data and factual information for the studies and reports being prepared under this programme. The requested resources will be distributed among the subprogrammes as follows:

* Highest priority.

<u>Subprogramme</u>	<u>\$</u>
1	12 200
2	14 500
3	<u>10 400</u>
Total	<u>37 100</u>

2. Marine affairs in Africa

TABLE 13.11. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1986-1987 appropriation	Estimated additional requirements				Total increase	1988-1989 estimates
		Revaluation of 1986-1987 resource base (at revised 1987 rates)	Re-source growth (at revised 1987 rates)	Inflation 1987 in 1988 and 1989			
Established posts	61.4	41.8	-	0.8	42.6	104.0	
Consultants	14.3	-	(4.3)	0.3	(4.0)	10.3	
Common staff costs	32.0	21.6	-	0.3	21.9	53.9	
Total	107.7	63.4	(4.3)	1.4	60.5	168.2	

Analysis of real growth (at revised 1987 rates)

(1) Total revalued 1986-1987 resource base	Resource growth				Rate of real growth (5) over (1)
	(2) Actual	(3) Less non-recurrent items	(4) Plus delayed growth (new posts)	(5) Adjusted	
171.1	(4.3)	-	-	(4.3)	(2.5) %

TABLE 13.11 (continued)

(2) Extrabudgetary resources

	1986-1987 estimated expenditures	1988-1989 estimated expenditures
(a) Services in support of:		
(i) Other United Nations organizations	-	-
(ii) Extrabudgetary programmes	-	-
Total (a)	-	-
(b) Substantive activities		
Bilateral sources	115.0	129.0
Total (b)	115.0	129.0
(c) Operational projects	-	-
Total (c)	-	-
Total (a), (b) and (c)	115.0	129.0
	Total	297.2

TABLE 13.12. POST REQUIREMENTS

Programme: Marine affairs in Africa

	Established posts		Temporary posts		Total
	Regular budget		Extrabudgetary resources		
	1986-1987	1988-1989	1986-1987	1988-1989	
P-5	1	1	-	1	2
Total	1	1	-	1	2
Other categories					
Local level	1	1	-	-	1
Total	1	1	-	-	1
Grand total	2	2	-	1	3

Professional category and above

2. Marine affairs in Africa

13.19 For the biennium 1988-1989, the programme addresses itself to the problem of the development of capabilities for exploration, exploitation and management of the resources of the sea in the region and will in that context, assist member States to develop and strengthen policy and legislative machinery.

13.20 In 1988-1989 efforts will be directed towards advisory services to member States and multinational institutions; the preparation of an in-depth study on a specific sectoral aspect of marine affairs (development of artisanal, semi-industrial and industrial fisheries), the organization of an ad hoc meeting and of an Intergovernmental Group of Experts on Marine Science and Technology, and the preparation and dissemination of a technical publication on the development of a legal framework and machinery for the conduct of marine-related activities.

13.21 The programme consists of two subprogrammes designed for implementation during the biennium 1988-1989 which are described below:

Subprogramme 1. Development of capabilities (manpower, technology and institutions) for the exploration, exploitation and management of the resources of the sea

(a) Resource requirements:

Regular budget: \$119,400 (71 per cent of programme total);

Extrabudgetary resources: \$91,600 (71 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 25.53-25.58, as revised in A/39/6, chap. 25.

1.1 Development of manpower for resources of the sea*

Operational activities: Two advisory service missions to member States and multinational institutions, on request, on strategies for the development of manpower for resources of the sea (XB).

1.2 Development of technology for resources of the sea**

Operational activities: Two advisory service missions to member States and multinational institutions, on request, on strategies for the development of marine science and technology, and on analysis of constraints inhibiting their development (XB).

Subprogramme 2. Policies and legislation for resources of the sea

(a) Resource requirements:

* Highest priority.

** Lowest priority.

Regular budget: \$48,800 (29 per cent of programme total);

Extrabudgetary resources: \$37,400 (29 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Add.1), paras. 25.55-25.61, as revised by A/39/6, paras. 25.59-25.59E.

(c) Programme elements:

2.1 Policies for resources of the sea

Output:

(i) Report to the African Intergovernmental Group of Experts on Marine Science and Technology on the development of artisanal, semi-industrial and industrial fisheries in Africa (fourth quarter, 1989) (XB);

(ii) Substantive servicing of the meeting of the African Intergovernmental Group of Experts on Marine Science and Technology (fourth quarter, 1989);

(iii) Technical publication: legal framework and machinery for the conduct of marine-related activities for legal officers dealing with marine-related activities.

Resource requirements (at revised 1987 rates)

Consultants

13.22 The estimated requirements of \$10,000 under this heading would provide for two work-months of consultant services to work on legal framework and machinery for the conduct of marine-related activities (programme element 2.1).

3. Development issues and policies in Africa

TABLE 13.13. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1986-1987 appropriation	Estimated additional requirements				1988-1989 estimates
		Revaluation of 1986-1987 resource base (at revised 1987 rates)	Re-source growth (at revised 1987 rates)	Inflation in 1988 and 1989	Total increase	
Established posts	4 462.7	(334.9)	-	27.2	(307.7)	4 155.0
Temporary assistance for meetings	211.1	3.1	-	9.7	12.8	223.9
General temporary assistance	63.3	0.9	-	3.0	3.9	67.2
Consultants	58.6	0.8	(17.8)	1.8	(15.2)	43.4
Common staff costs	2 322.7	(176.3)	-	10.2	(166.1)	2 156.6
Travel of staff to service meetings	94.8	1.4	(9.6)	3.8	(4.4)	90.4
Other official travel of staff	307.3	4.6	(31.2)	12.9	(13.7)	293.6
Contractual services	79.7	1.1	-	3.7	4.8	84.5
External printing and binding	34.1	0.5	-	1.6	2.1	36.2
General operating expenses	201.2	3.0	-	9.3	12.3	213.5
Supplies and materials	54.0	0.8	-	2.5	3.3	57.3
Furniture and equipment	51.5	0.7	-	2.4	3.1	54.6
Total	7 941.0	(494.3)	(58.6)	88.1	(464.8)	7 476.2

Analysis of real growth (at revised 1987 rates)

(1) Total revalued 1986-1987 resource base	Resource growth				Rate of real growth (5) over (1)
	(2) Actual	(3) Less non-recurrent items	(4) Plus delayed growth (new posts)	(5) Adjusted	
7 446.7	(58.6)	-	-	(58.6)	(0.7)%

TABLE 13.13 (continued)

(2) Extrabudgetary resources

	1986-1987 estimated expenditures	1988-1989 estimated expenditures
(a) Services in support of:		
(i) Other United Nations organizations	-	-
(ii) Extrabudgetary programmes	94.0	88.6
Total (a)	94.0	88.6
(b) Substantive activities	-	-
Total (b)	-	-
(c) Operational projects		
United Nations Development Programme	1 445.3	2 144.0
Total (c)	1 445.3	2 144.0
Total (a), (b) and (c)	1 539.3	2 232.6
	Total	9 708.8

TABLE 13.14. POST REQUIREMENTS

Programme: Development issues and policies in Africa

	Established posts		Temporary posts		Total
	Regular budget		Extrabudgetary resources		
	1986-1987	1988-1989	1986-1987	1988-1989	
D-1	7	-	-	-	7
P-5	8	-	-	-	8
P-4	8	-	-	-	8
P-3	21	-	-	-	21
P-2/1	4	-	1	1	5
Total	48	-	1	1	49
Other categories					
Local level	34	-	-	-	34
Total	34	-	-	-	34
Grand total	82	-	1	1	83

3. Development issues and policies in Africa

13.23 The activities to be undertaken under this programme will continue to address themselves to problems relating to: (a) building-up and improving planning capabilities; (b) enhancement of the operational capacity of existing financial institutions; and (c) research in critical areas to assess and review various aspects of social and economic development in African countries in the light of the objectives of the International Development Strategy for the Third United Nations Development Decade, the Lagos Plan of Action and the United Nations Programme of Action for African Recovery 1986-1990.

13.24 Continued in-depth studies of the economies of least developed countries will be undertaken to address critical areas. Work will involve the evaluation of the Substantial New Programme of Action for the 1980s for the Least Developed Countries in Africa.

13.25 To improve the data situation in member States, collaboration with the Conference of African Statisticians, the ECA Statistics Division and the United Nations Statistical Office will be intensified.

13.26 Within the framework of the global objectives spelt out in the medium-term plan for the period 1984-1989, 1/ the activities planned for the biennium 1988-1989 on policies, institutions and technical assistance for economic co-operation are aimed at providing necessary assistance to projects geared to strengthening economic co-operation and integration in Africa, on the one hand, and economic and technical co-operation with other developing regions, on the other.

13.27 At the subregional level, the MULPOCs will assist relevant intergovernmental organizations in implementing a number of projects. All necessary assistance will also be provided by the secretariat to the subregional economic groupings established during recent years with a view to making them fully operational.

13.28 At the regional level, measures will continue to be taken, in close collaboration with the OAU secretariat, to strengthen existing subregional economic groupings and develop new groupings as steps towards the gradual establishment of the African economic community.

13.29 For enhancing interregional economic and technical co-operation, the secretariat will carry out joint activities with the secretariats of the other regional commissions.

13.30 The activities programmed under subprogrammes 7 and 8 on central co-ordination and information exchange services; and national and subregional information and documentation services will continue to address themselves to strengthening the information dissemination capabilities of member countries.

13.31 The eight subprogrammes, their programme elements and related output are described below:

1/ Official Records of the General Assembly, Thirty-seventh Session, Supplement No. 6 (A/37/6 and Corr.1).

Subprogramme 1. Socio-economic analysis, planning and projections

(a) Resource requirements:

Regular budget: \$1,644,800 (22 per cent of programme total);

Extrabudgetary resources: \$88,600 (100 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 10.81-10.84, as revised in A/39/6, chap. 10, and modified by A/39/38, para. 309.

(c) Programme elements:

1.1 Technical advisory service missions and assistance to countries, territories and multinationals*

Operational activities:

(i) Advisory services to: (a) eight national planning ministries in the preparation and improvement of national economic survey and (b) four development and economic research institutes in the organization of research in the field of development planning and/or training workshops for officials in economic planning policy and design;

(ii) Technical co-operation missions to six national planning organizations and/or multinational non-governmental organizations in the review of implementation of economic recovery programmes (APPER and United Nations-PAAERD) and the streamlining of aid delivery procedures.

1.2 Annual surveys of economic and social conditions in Africa

Output: Reports to the annual meetings of the Conference of Ministers of ECA on the Annual Survey of Economic and Social Conditions in the African region for the years 1987 and 1988 (second quarter, 1988; second quarter, 1989).

1.3 Perspective studies on the economies of the African region*

Output: Reports to the fifth session of the Joint Conference of African Planners, Statisticians and Demographers on (a) the effects of currency devaluation in five selected African countries (first quarter, 1988); (b) mass poverty and income distribution in Africa (first quarter, 1988) and (c) the update of development perspectives of the African region by the year 2008 within the framework of ECA and Africa's Development Study (first quarter, 1988).

1.4 Short-term economic forecasting and outlook

Output: Report to the fifth session of the Joint Conference of African Planners, Statisticians and Demographers on the progress report on the status of

* Highest priority.

the implementation of the short-term forecasting and economic outlook systems in the African countries (first quarter, 1988).

1.5 Multisectoral planning models

Output: Report to the fifth session of the Joint Conference of African Planners, Statisticians and Demographers on the workshop on multisectoral planning models for policy design in development planning and management in African countries covering the role of the informal sector, the transformation of technological coefficients and the incorporation of prices and other financial variables (first quarter, 1988).

1.6 Analysis of the Implementation of the Lagos Plan of Action and the Programme of Action on African Economic Recovery and Development, 1986-1990*

Output: Report to the fifth session of the Joint Conference of African Planners, Statisticians and Demographers on the African planning practices in the light of agreed regional development strategies (APPER) (first quarter, 1988).

1.7 Studies on the African Economic Community and the African Common Market

Output:

(i) Report to the fifth session of the Joint Conference of African Planners, Statisticians and Demographers on the assessment of subregional, sectoral co-operation among African countries especially in the field of transport and trade (first quarter, 1988);

(ii) Technical publications on the structure of African markets and the creation of customs unions in Africa (fourth quarter, 1988; fourth quarter, 1989).

1.8 Substantive servicing of the fifth session of the Joint Conference of African Planners, Statisticians and Demographers

Output: Substantive servicing of the fifth session of the Joint Conference of African Planners, Statisticians and Demographers as a whole and its Planning Committee (first quarter, 1988).

Subprogramme 2. Fiscal, monetary and financial issues at the national level

(a) Resource requirements: regular budget: \$373,800 (5 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 10.85-10.88, as revised in A/39/6, chap. 10.

* Highest priority.

(c) Programme elements:

2.1 Technical co-operation and advisory services to countries and territories**

Operational activities: Three advisory service missions to member States, on request, in the field of fiscal, monetary and financial policies.

2.2 Effective links between fiscal and monetary policies and their impact on the balance of payments

Output: Report to the fifth session of the Joint Conference of African Planners, Statisticians and Demographers on links between fiscal and monetary policies and their impact on the balance of payments (first quarter, 1988).

2.3 Mobilization of personal savings in selected African countries**

Output: Technical publication on the mobilization of personal savings in selected African countries (first quarter, 1989).

2.4 A survey of domestic money markets in Africa and their potential role in development

Output: Technical publication on African domestic money markets and their potential role in development (second quarter, 1989).

Subprogramme 3. Least developed countries

(a) Resource requirements: regular budget: \$523,300 (7 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 10.89-10.92, as revised in A/39/6, chap. 10.

(c) Programme elements:

3.1 Technical co-operation to least developed countries**

Operational activities: Twelve advisory service missions to African least developed countries, on request, in planning, drawing up of development and project preparation and organization of round tables.

3.2 Review of economic and social conditions in individual least developed African countries

Output: Reports to the Conference of Ministers of Least Developed African Countries on a review of economic and social conditions in individual least developed African countries (second quarter, 1988; second quarter, 1989).

** Lowest priority.

3.3 Evaluation of the Effectiveness of the Substantial New Programme of Action for the 1980s for the Least Developed Countries in the African region*

Output: Reports to the Conference of Ministers of Least Developed African Countries on the evaluation of the implementation of SNPA in African least developed countries (second quarter, 1988; second quarter, 1989).

3.4 In-depth studies on the economies of least developed African countries**

Output: Reports to the Conference of Ministers of Least Developed African Countries on: (a) human resources development and utilization in African least developed countries (second quarter, 1988) and (b) financial structure and resource utilization in African least developed countries (second quarter, 1989).

3.5 Support to the Conference of Ministers of Least Developed African Countries

Output: Substantive servicing of the meetings of the Intergovernmental Committee of Experts of the African Least Developed Countries and of the Seventh and Eighth Conference of Ministers of African Least Developed Countries (second quarter, 1988; second quarter, 1989).

Subprogramme 4. Policies, institutions and technical assistance for economic co-operation

(a) Resource requirements: regular budget: \$3,812,900 (51 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 10.93-10.98, as revised in A/39/6, chap. 10.

(c) Programme elements:

4.1 Promotion and strengthening of interregional economic and technical co-operation**

Output:

(i) Substantive servicing of a meeting of an intergovernmental consultative committee for the co-ordination and monitoring of economic and technical co-operation in the area of manpower development and utilization, science and technology for development, and promotion of interregional trade between Africa and Latin America (fourth quarter, 1989);

(ii) Reports to ECA Conference of Ministers on the implementation of the regional commissions' interregional TCDC/ECDC projects (first quarter, 1988; first quarter, 1989);

* Highest priority.

** Lowest priority.

(iii) Progress report to ECA Conference of Ministers on the implementation of the decision taken by the African Regional Seminar on TCDC Focal Points on mobilization of resources, regional and subregional projects, effectiveness of focal points (first quarter, 1989).

4.2 Promotion and strengthening of subregional economic co-operation and integration

Output:

(i) Eleven reports to the annual meetings of the Council of Ministers on the Gisenyi-based MULPOC on: (a) the annual survey of economic and social conditions of the member States of Gisenyi-based MULPOC for the years 1987 and 1988 (first quarter, 1988; first quarter, 1989); (b) the implementation of the MULPOC work programme (first quarter, 1988; first quarter, 1989); (c) a study on the determination at each country level of the prices of the commodities in the common list, that originate from Economic Community of the Great Lakes Countries (CEPGL) member States (first quarter, 1988); (d) the study on the market potentials and the possibility of marketing in the member States the products of the common list (first quarter, 1989); (e) the implementation of the African Priority Programme for Economic Recovery (APPER) and the United Nations Plan of Action for African Economic Recovery and Development (United Nations-PAAERD) in the member States of the Gisenyi-based MULPOC countries (first quarter, 1989); (f) the mechanisms for the promotion of multinational enterprises in the subregion (first quarter, 1988); (g) the implementation of the five-year development plan of the CEPGL countries (first quarter, 1989); (h) the study on selected multinational industrial projects to be promoted in the member States of the subregion (first quarter, 1988); and (i) studies aimed at linking national transport network plans with the subregional transport programme (first quarter, 1989);

(ii) Substantive servicing of (a) a consultative meeting of potential promoters of multinational ventures in the member States of the Gisenyi-based MULPOC (first quarter, 1989); and (b) four meetings of the Committee of Officials and of the Council of Ministers of the Gisenyi-based MULPOC (two in first quarter, 1988; two in first quarter, 1989);

(iii) Nine reports to the Council of Ministers of the Lusaka-based MULPOC on: (a) the annual survey of economic and social conditions of the member States of the subregion (first quarter, 1988; first quarter, 1989); (b) progress in the implementation of the current work programme (third quarter, 1988; third quarter, 1989); (c) the implementation of the work programme of the MULPOC (first quarter, 1988; first quarter, 1989); (d) impact of youth and women programmes on employment in the rural areas (first quarter, 1988; first quarter, 1989); and (e) linking national transport network plans with the subregional transport programme (first quarter, 1989);

(iv) Reports to Southern African Labour Commission on the economic, social and legal aspects of migratory labour in southern Africa (first quarter, 1988; first quarter, 1989);

(v) Substantive servicing of legal aspects of the annual meetings of Officials and of Ministers of the Southern African Labour Commission (SALC) (third quarter, 1988; third quarter, 1989);

(vi) Eleven reports to the Council of Ministers of the Niamey-based MULPOC on: (a) food products that can be traded among West African countries, including measures for improving their production and marketing by small-scale farmers (first quarter, 1989); (b) an evaluation study of the clearing mechanism in the subregion (first quarter, 1989); (c) an evaluation study of the performance of the regional and subregional financing institutions in West Africa with regard to the promotion policies of small and medium enterprises (first quarter, 1989); (d) an evaluation study on programmes for self-employment among university graduates (third quarter, 1988); (e) the impact on employment in West African countries of the World Bank's structural adjustment programmes and of the International Monetary Fund stand-by arrangements (first quarter, 1989); (f) measures for promotion of multinational industrial projects and identification of obstacles to their establishment and smooth operation (first quarter, 1988); (g) the annual survey of social and economic conditions of the West Africa subregion (first quarter, 1988; first quarter, 1989); (h) interrelationships between drought, desertification and the economic crisis in West Africa (first quarter, 1989); (i) the viability of the irrigation schemes of the Niger River Valley and the Mano River Valley (first quarter, 1989); and (j) linking national transport network plans with the subregional transport programme (first quarter, 1989);

(vii) Reports to the legislative organs of the Economic Community of West African States on sectoral meetings on the harmonization of the IGOs in the West African subregion (first quarter, 1988; first quarter, 1989);

(viii) Substantive servicing of: (a) consultative meeting of potential promoters of multinational ventures in the member States of the Niamey-based MULPOC (third quarter, 1988); (b) four meetings of the Committee of Officials and the Chief Executive of West African IGOs (two in first quarter, 1988; two in first quarter, 1989); and (c) the annual meetings of the Committee of Officials and of the Council of Ministers of the Niamey-based MULPOC (first quarter, 1988; first quarter, 1989);

(ix) Ten reports to the Council of Ministers of the Yaoundé-based MULPOC on: (a) the study on non-recorded border trade (first quarter, 1988); (b) the study on supply and demand of agricultural products and livestock, particularly food products, cash crops, and on projections for increasing trade of the products in the subregion (first quarter, 1989); (c) the study on food security programmes of the subregion (first quarter, 1989); (d) the study on possibilities for co-ordinating the production and distribution of agricultural inputs in the subregion (first quarter, 1989); (e) the survey of the economic and social conditions of the countries of the subregion (first quarter, 1988; first quarter, 1989); (f) the study on the incidence of the costs of transport on the prices of imported products into land-locked countries of the subregion (first quarter, 1989); (g) the implementation of the MULPOC work programme (first quarter, 1988; first quarter, 1989); and (h) linking national transport network plans with the subregional transport programme (first quarter, 1989);

(x) Substantive servicing of the annual meetings of the Committee of Officials and of the Council of Ministers of the Yaoundé-based MULPOC (two in first quarter, 1988; two in first quarter, 1989);

(xi) Technical publications: (a) Transformation and commercialization of forestry resources in the subregion (fourth quarter, 1989); (b) two subregional Current Agricultural Research Information System (CARIS) Directories for

agricultural research institutes (third quarter, 1989; third quarter, 1989); and (c) three data bases on trade information in the subregion (one, third quarter, 1988; one, first quarter, 1989; and one, fourth quarter, 1989);

(xii) Eight reports to the annual meetings of the Council of Plenipotentiaries of the Tangiers-based MULPOC on: (a) the annual survey of economic and social conditions of member States of North Africa for the years 1987 and 1988 (first quarter, 1988; first quarter, 1989); (b) the implementation of the work programme (first quarter, 1988; first quarter, 1989); (c) the progress of the implementation of the APPER and United Nations-PAAERD in the member States of the North Africa subregion (first quarter, 1989); (d) proposals for co-ordinating the planning machinery in North African countries (first quarter, 1989); (e) proposals for co-ordinating the activities of vocational training centres in North African States (first quarter, 1989); and (f) linking national transport network plans with the subregional transport programme (first quarter, 1989);

(xiii) Substantive servicing of the annual meetings of the Committee of Experts and of the Council of Plenipotentiaries of the North African MULPOC (first quarter, 1988; first quarter, 1989).

Operational activities:

(i) Two advisory service missions to the CEPGL in identifying co-operation and integration projects capable of creating positive impact on critical economic areas in application of the APPER and United Nations-PAAERD (second quarter, 1988; second quarter, 1989);

(ii) Two missions to support the work of the Nairobi-based subregional Trade Promotion and Training Centre;

(iii) Two advisory service missions to economic communities and other intergovernmental organizations, such as the Preferential Trade Area (PTA), Inter-Governmental Authority on Drought and Desertification (IGADD), the Southern African Development Co-ordination Conference (SADCC) of the Eastern and Southern Africa subregion in identifying co-operation and integration projects capable of creating positive impact on the critical economic areas in application of the APPER and United Nations-PAAERD;

(iv) Support to a seminar for University administrators on approaches to planning university training with a view to reducing graduate unemployment in the West African subregion;

(v) Two advisory service missions to economic communities of the subregion in identifying co-operation projects capable of creating positive impact on critical economic areas in application of the APPER and United Nations-PAAERD;

(vi) Two advisory service missions to the economic communities of the Central African subregion such as the Economic Community of Central African States, the Central African Customs and Economic Union, the Trans African Highway Authority in the implementation of their programme of work and in identifying co-operation and integration projects capable of creating positive impact on critical economic areas identified in the APPER and United Nations-PAAERD;

(vii) Three advisory service missions to the member States of the Tangiers-based MULPOC in identifying co-operation and integration projects capable of creating positive impact on critical economic areas identified in the APPER and United Nations-PAAERD.

4.3 Promotion and strengthening of inter-subregional and regional co-operation and integration*

Output:

(i) Report to the ECA Conference of Ministers on the activities, work programmes and budget of ECA-sponsored regional and subregional institutions (first quarter, 1988);

(ii) Two technical publications on technical and economic studies on priority areas of economic co-operation among North African countries (Egypt, Morocco, Tunis, Algeria, Libyan Arab Jamahiriya, Sudan) (first quarter, 1988; second quarter, 1988);

(iii) Substantive servicing of: (a) first meeting of High-Level Officials on the establishment of an Intergovernmental Negotiating Committee (INC) on the possibility of establishing a preferential trade area and a system of payments and compensations among North African countries (second quarter, 1988); (b) four meetings of the Intergovernmental Negotiating Committee on the possibility of establishing a preferential trade area and a system of payments and compensations (two in third quarter, 1988; two in first quarter, 1989); (c) the meeting of Plenipotentiaries of the North African countries to consider draft basic texts prepared by the Intergovernmental Negotiating Committee (third quarter, 1989); and (d) the meeting of Plenipotentiaries of North African countries to consider and adopt final text of a preferential trade area and system of payments and compensation (fourth quarter, 1989).

Operational activities: Four legal advisory service missions to African intergovernmental co-operation institutions in the administrative and legal aspects of economic co-operation and integration.

4.4 Co-ordinating and monitoring the implementation of technical co-operation activities

Subprogramme 5. Education and training for development

(a) Resource requirements: regular budget: \$598,100 (8 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 10.99-10.102, as revised by A/41/6, as revised by A/41/38, para. 135.

* Highest priority.

(c) Programme elements:

5.1 Reorientation of educational policies, programmes and practices

Output: Technical publication: two issues of Trends and Issues in African Education (fourth quarter, 1988; fourth quarter, 1989).

Operational activities: Support to a national training workshop for educational administrators, planners, curriculum development personnel and teacher educators of the reorientation of educational policies, programmes and practices (first quarter, 1988).

5.2 Non-formal education for integrated rural development

Output: Technical publications: two issues of Non-Formal Education and Development (third quarter, 1988; third quarter, 1989).

Operational activities: One national training workshop for non-formal education and extension personnel on methods, techniques and strategies for improving non-formal education delivery capabilities in rural areas.

5.3 Occupational testing, career planning and programming, guidance and counselling**

Output: Technical publications: (a) the role of education/vocational guidance and counselling services in educational planning for developmental needs (second quarter, 1988); (b) guidance and counselling needs of youth and adult learners in rural and urban areas (fourth quarter, 1988); and (c) the role of mass media in promoting guidance and counselling services in career development (fourth quarter, 1989).

Operational activities: Two national training workshops for guidance and counselling personnel on guidance and counselling to deal with the development of assessment instruments for the identification and development of human resources.

5.4 Training and staff development for performance improvement and career enhancement

Output: Technical publication: Strategies and Methodologies of Training for Management Trainers (fourth quarter, 1989).

Operational activities: Two national training workshops for: (a) lecturers, trainers and instructors in institutions of higher learning in Africa on training methodology for the improvement of teaching and learning; and (b) training managers and staff development personnel on patterns of staff development and training programme management.

** Lowest priority.

5.5 Strengthening regional co-operation in human resources development

Operational activities: two advisory service missions on the development of programmes and operational aspects of the African Institute for Higher Technical Training and Research.

5.6 Grants and fellowships administration

Output: Twenty-five fellowships annually to African nationals on long-term or short-term training in scientific managerial, administrative, technical and technological fields.

Subprogramme 6. Manpower and employment planning and policies

(a) Resource requirements: regular budget: \$523,300 (7 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 10.103-10.108, as revised by A/41/6, as revised by A/41/38, para. 135.

(c) Programme elements:

6.1 Institutional capability for policy guidance and programme co-ordination in human resources management*

Output:

(i) Report to the Conference of Ministers on human resources requirements for agricultural development in Africa (fourth quarter, 1989);

(ii) Report to the Joint Conference of Planners, Demographers and Statisticians on approaches for planning human resources and their applicability in African countries (first quarter, 1988);

(iii) Technical publications: (a) A Handbook for Manpower Planners in Africa (third quarter, 1988); and (b) two monographs on human resources in Africa (fourth quarter, 1988; fourth quarter, 1989).

Operational activities: Subregional training workshop for human resources planning and programming personnel in Africa on institutional requirements for human resources planning and programming; five national training workshops for human resources planning and management personnel on: (a) human resources policy formulation and implementation; (b) human resources planning systems, processes and techniques; and (c) employment planning techniques and strategies for employment generation and productivity enhancement.

* Highest priority.

6.2 Manpower and employment data bank and information system development**

Output: Technical publications: (a) Strategies and measures for strengthening human resources data and information systems management in Africa (second quarter, 1988); and (b) Problems and constraints of manpower and employment data collection and processing (fourth quarter, 1988; fourth quarter, 1989).

6.3 Regional institutions for co-ordination and harmonization of human resources management policies and programmes*

Output:

(i) Report to the Ministerial Follow-up Committee of Ten on the status, policies and programmes of human resources planning, development and utilization (second quarter, 1989);

(ii) Reports to the Conference of Vice-Chancellors, Presidents and Rectors of Institutions of Higher Learning in Africa on: (a) improvement of the delivery capabilities of African institutions of higher learning (third quarter, 1989); and (b) the role of institutions of higher learning in responding to Africa's development needs and priorities (third quarter, 1989);

(iii) Substantive servicing of: one session of the Conference of Vice-Chancellors, Presidents and Rectors of Institutions of Higher Learning in Africa (fourth quarter, 1989).

Subprogramme 7. Central co-ordination and information exchange services

(a) Resource requirements: Financed from extrabudgetary resources for operational projects.

(b) Reference: revisions to the medium-term plan 1984-1989 (A/39/6), paras. 10.108-10.110, as revised by A/41/6 and modified by A/41/38, para. 135.

(c) Programme elements:

7.1 Development and maintenance of bibliographic data bases on social, economic and technological issues

Output:

(i) Report to the Regional Technical Committee for PADIS on a survey of user needs (second quarter, 1989) (XB);

(ii) Technical publications (XB): (a) Devindex Africa, 1988 No. 1, No. 2 and 1989 No. 1, No. 2, for government planners, policy-makers, researchers and managers, including regular information on women in development (one issue each, second and fourth quarters, 1988 and 1989); (b) selective dissemination of

** Lowest priority.

* Highest priority.

information individualized computer print-out, for government planners, policy-makers, researchers, managers on request (one issue each, second and fourth quarters, 1988 and 1989); (c) manual for bibliographic description for national participating centres (fourth quarter, 1988);

(iii) Machine-readable outputs (magnetic tapes/diskettes) containing references to development information for national participating centres and regional institutions with computer facilities (three each, second and fourth quarters, 1988 and 1989); document microfiche delivery service for national participating centres upon request (20 documents/microfiches each quarter, 1988 and 1989); individualized responses to information/documentation ad hoc requests by member States in form of computer print-outs, hardcopy, magnetic tape (10 each quarter, 1988 and 1989) (XB).

7.2 Development and maintenance of referral data bases of African experts, development institutions and ongoing projects

Output:

(i) Technical publications (XB): (a) directory of African Experts, 1988 and 1989 (fourth quarter, 1988; fourth quarter, 1989); (b) directory of development institutions in Africa (fourth quarter, 1988; fourth quarter, 1989); and (c) ongoing development projects in Africa, including listing of projects to benefit women (fourth quarter, 1988; fourth quarter, 1989);

(ii) Machine-readable outputs (XB) (magnetic tapes/diskettes) containing information on: (a) African experts for national participating centres and regional institutions with computer facilities (two magnetic tapes/diskettes, fourth quarter, 1988 and 1989); (b) development institutions for national participating centres and regional institutions with computer facilities (two magnetic tapes/diskettes, fourth quarter, 1988 and 1989); and (c) ongoing development projects for national participating centres and regional institutions with computer facilities (two magnetic tapes/diskettes, fourth quarter, 1988 and 1989);

(iii) Referral services as requested by member States (XB) (10 requests each quarter, 1988 and 1989).

7.3 Training programme for personnel of African documentation and information centres

Output: Technical publications (XB): (a) manual for establishing national PADIS participating centres and co-ordination of PADIS activities at national level (fourth quarter, 1989); and (b) guidelines on the marketing of information products (fourth quarter, 1989).

Operational activities: Six training courses in PADIS/DEVIS methodologies for national staff of participating centres; two regional seminars for users of PADIS data bases (XB).

7.4 Management of PADIS Central Co-ordinating Office

Output:

(i) Report to the Joint Conference of African Planners, Statisticians and Demographers on the use of micro computers in information/documentation centres in Africa (first quarter, 1988) (XB);

(ii) Substantive servicing of: (a) two meetings of the regional Technical Committee for PADIS (second quarter, 1988; second quarter, 1989); and (b) the Committee of informatics of the Joint Conference of Planners, Statisticians and Demographers (first quarter, 1988) (XB);

(iii) PADIS Newsletter (four issues, second and fourth quarters, 1988; four issues, second and fourth quarters, 1989) (XB).

Subprogramme 8. National and subregional information and documentation services

(a) Resource requirements: Financed from extrabudgetary resources for operational projects.

(b) Reference: revisions to the medium-term plan 1984-1989 (A/39/6), paras. 10.110A-10.110D.

(c) Programme elements:

8.1 Establishment of national, subregional and regional participating centres

Output:

(i) Reports to the ECA Conference of Ministers on the implementation of the PADIS project (second quarter, 1988; second quarter, 1989) (XB);

(ii) Reports to each MULPOC's legislative organ on the establishment of the respective subregional PADIS centres (five in second quarter, 1988; five in second quarter, 1989) (XB).

Operational activities: (XB) (a) Technical co-operation to member States in the establishment of national PADIS participating centres; (b) four advisory service missions to national subregional/regional PADIS participating centres; and (c) support for a meeting of heads of national, subregional and regional PADIS participating centres.

Resource requirements (at revised 1987 rates)

Temporary assistance for meetings

13.32 The requirements under this heading (\$214,200) relate to the provision of interpretation and translation services for 12 meetings of the MULPOC policy-making organs.

General temporary assistance

13.33 The estimated requirements under this heading (\$64,200) consist of a provision amounting to \$51,200 to supplement the resources available to the MULPOC offices to enable them to obtain the services of cleaners, security guards, drivers, messengers, telephone operators and other support services. The remaining provision of \$13,000 is required to engage national experts to collect information in connection with the preparation of the Annual Survey for Economic and Social Conditions in Africa.

Consultants

13.34 The estimated requirements under this heading (\$41,600) reflect a \$17,800 decrease from the revalued base. They are intended for the following activities:

<u>Programme element</u>	<u>Description of tasks</u>	<u>Work-months</u>
1.4	Assist in preparation of social accounting matrix and development of short-term forecasting models in selected African countries	6.0
3.4	Preparation of case-studies on the economies of least developed countries	3.0
4.1	Preparation of studies aiming at reinforcing the economic communities' legislative bodies in the decision-making process in the field of economic integration and co-operation	3.0
5.1	Preparation of two country case-studies on existing policies, programmes and practices and appropriate strategies for maximizing the contribution of education to the development process	1.0
6.1	Preparation of a comprehensive study on human resource requirements for agricultural development in Africa on the basis of five country case-studies in eastern and southern Africa	2.0
6.3	Preparation of country case-studies on the relevance of educational systems to the development process and proposals to reorient national educational policies, programmes and practices to ensure the effective contribution of education to development	4.0
	Preparation of country case-studies on the status of human resources planning development and utilization in 12 African countries	4.0
	Total	<u>23.0</u>

Travel of staff to service meetings

13.35 The estimated requirements of \$86,600 under this heading reflect a \$9,600 decrease from the revalued base. They relate mainly to subprogramme 4 (\$82,000) and would be used for servicing the meetings of the policy-making organs of MULPOCs. The remaining provision of \$4,600 relate to subprogramme 6 and would be used to service the meeting of the policy-making and programme orientation organ of the Conference of Vice-Chancellors, Presidents and Rectors of Institutions of Higher Learning in Africa.

Other official travel of staff

13.36 The estimated requirements under this heading (\$280,700) reflect a \$31,200 decrease from the revalued base. The description of the tasks to be undertaken under the various programme elements along with the resources needed is presented below:

<u>Programme element</u>	<u>Description of tasks</u>	<u>\$</u>
1.1	Missions to African countries to advise on improvement of national economic surveys, plan preparation, and evaluation; and implementation of economic recovery programmes and streamlining of aid	40 000
1.2	Missions to collect data and information from 20 African countries for the preparation of the <u>Economic and Social Survey of Africa</u>	45 000
1.4	Missions to four African countries to enable staff to prepare and finalize forecasting models	8 000
1.5	Travel to two African countries to conduct a study on methodologies of agricultural forecasting	4 000
1.7	Collection of information in connection with a study on co-ordination and harmonization of development plans at the subregional level	6 000
2.1	Missions to African countries to advise on fiscal monetary and financial problems	6 000
2.4	Missions to African countries to obtain information on domestic money market and its potential	10 000
3.2	Travel to obtain information and data on economic and social conditions of individual least developed countries .	23 000
4.2	Travel within CEPGL countries relating to a study on determination of prices of products originating from CEPGL member States contained in the common list	3 500

Programme
element

Description of tasks

\$

	Travel in the member States in the subregion of the Gisenyi-based MULPOC to collect information for a report on the implementation of the APPER and United Nations-PAAERD .	3 500
	Travel within the CEPGL countries relating to a study on the promotion of mechanisms for promoting multinational enterprises	3 500
	Travel relating to a study on selected multinational industrial projects to be promoted in the subregion of the Gisenyi-based MULPOC	3 500
	Mission to Lusaka in connection with the economic, social and legal aspects of migratory labour	2 500
4.2	Mission to provide technical support to the Trade Promotion and Training Centre for Eastern and Southern Africa based in Nairobi	3 000
	Travel in countries of the subregion of the Tangiers-based MULPOC to collect information for a report on the implementation of the APPER and United Nations-PAAERD	3 500
	Travel to conduct survey of existing vocational training centres for a study on co-ordination of such centres	3 500
	Travel in North African countries relating to a study on proposals for co-ordinating the activities of planning machineries in the subregion	3 500
	Travel to collect information relating to 10 annual surveys of economic and social conditions in member States of all five MULPOCS	3 500
	Travel in countries of subregions of all five MULPOCs intended to collect information for studies aimed at linking national transport network plans with the subregional transport programmes	3 500
	Missions to the various economic communities and member States in the five subregions to identify co-operation and integration projects in application of APPER and United Nations-PAAERD	3 500
	Travel to headquarters of IGOs to discuss programmes of co-operation; liaise with national agencies and intergovernmental organizations for required follow-up action	3 500

<u>Programme element</u>	<u>Description of tasks</u>	<u>\$</u>
	Travel to selected countries in the Eastern subregion in connection with two studies on the impact of youth programmes on employment in rural areas	3 000
	Travel throughout the West African subregion in connection with a study on food products that can be traded among West African countries	4 000
	Travel in the main monetary zones in the West African subregion relating to a study on clearing mechanisms	3 500
	Evaluation study on the performance of the regional and subregional financing institutions in West Africa with regard to small-scale and medium-scale enterprises	3 500
4.2	Preparation of case-studies in selected member countries on the impact of the World Bank's structural adjustment programmes and of the IMF stand-by arrangements on employment in West African countries	3 500
	Travel to establish contact and discussions with financing institutions and potential promoters in connection with a study on measures for promotion of multinational industrial projects, and identifying obstacles to their establishment and smooth operation	3 500
	Travel to selected member countries to prepare investment proposals to be discussed at meeting of potential promoters of multinational ventures	3 000
	Travel in the Sahelian countries of West Africa in connection with a study on the interrelationships between drought, desertification, and the economic crisis in West Africa	3 500
	Travel of two staff members to Bangui relating to reports on sectoral meetings on the harmonization of the IGOs in the West African subregion	3 500
	Travel of staff to collect data in connection with a study on the viability of irrigation schemes of the Niger and Mano River valleys	3 500
	Travel relating to a study on supply and demand of agricultural products and livestock, food products, cash crops, and on projections to increase trade in the Central African subregion	3 500
	Travel relating to a study on food security programme in the Yaoundé subregion to conduct survey of various measures to ensure the establishment of the programme	3 500

Programme
element

Description of tasks

\$

	Travel to conduct survey of inputs of production and of the marketing possibilities of the products in connection with a study for co-ordinating the production and distribution of agricultural inputs in the Yaoundé subregion	3 500
	Travel in the Central African subregion to collect information on transport cost in relation to a study on the incidence of costs of transport on the prices of products imported by the land-locked countries of the subregion	3 500
4.2	Travel for collecting information from specialized institutions in member countries to prepare a report on the transformation and commercialization of forestry resources in the Yaoundé subregion	3 500
	Travel to countries to collect information for the establishment of a data base on trade information	3 500
	Missions to member countries by the Yaoundé Director to establish contacts following a programme prepared during the biennium	3 500
4.3	Mission to provide institutional and legal advisory services to ECA-sponsored institutions	3 500
	Regional consolidated report on the activities, work programmes and budgets of ECA-sponsored institutions; travel to collect data and to service preparatory meeting .	3 000
	Missions to provide legal advisory services to various African intergovernmental co-operation institutions to allow the comparative study and analysis of existing laws on economic co-operation and integration	3 500
	Travel in the field to collect information relating to two studies on technical and economic priority areas for economic co-operation	3 500
5.1	To service one national training workshop on the reorientation of education policies, programmes and practices with a view to maximizing the contribution of educational systems to the development process	1 800
5.2	To service one national training workshop on methods, techniques and strategies for improving non-formal education delivery capabilities in rural areas	1 800
5.3	To service two training workshops on guidance and counselling to deal with the development of assessment instruments for the identification and development of human resources	3 500

<u>Programme element</u>	<u>Description of tasks</u>	<u>\$</u>
5.4	To service two national training workshops on training methodology for improvement of teaching and learning in higher institutions in Africa; and on patterns of staff development and training programme management	3 500
5.5	To provide technical support and advice to the African Institute for Higher Technical Training and Research with regard to programmes, administration and operation of the Institute	1 800
6.1	To service one session of an intergovernmental working group on institutional requirements for human resources planning	1 800
	To service seven national training workshops on human resources policy formulation and implementation; and on human resources planning techniques and strategies for employment generation and productivity enhancement	8 000
	Total	<u>280 700</u>

Contractual services; general operating expenses; supplies and materials; and furniture and equipment

13.37 The total estimated requirements under this heading (\$392,000) are maintained at the level of the 1986-1987 revalued resource base and relate entirely to the MULPOCs under subprogramme 4.

External printing and binding

13.38 The estimated requirement of \$34,600 is maintained at the 1986-1987 base level and relate to publishing of documents under the various subprogrammes.

4. Environment in Africa

TABLE 13.15. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1986-1987 appropriation	Estimated additional requirements				Total increase	1988-1989 estimates
		Revaluation of 1986-1987 resource base (at revised rates)	Re-source growth (at revised rates)	Inflation in 1988 and 1989			
Established posts	145.6	25.0	-	0.8	25.8	171.4	
Consultants	9.4	0.1	(2.8)	0.2	(2.5)	6.9	
Ad hoc expert groups	15.1	0.5	(2.6)	0.5	(1.6)	13.5	
Common staff costs	76.0	12.6	-	0.3	12.9	88.9	
Other official travel of staff	16.5	0.2	(1.7)	0.8	(0.7)	15.8	
Total	262.6	38.4	(7.1)	2.6	33.9	296.5	

Analysis of real growth (at revised 1987 rates)

(1) Total revalued 1986-1987 resource base	Resource growth				Rate of real growth over (1)
	(2) Actual	(3) Less non-recurrent items	(4) Plus delayed growth (new posts)	(5) Adjusted	
301.0	(7.1)	-	-	(7.1)	(2.3)%

TABLE 13.15 (continued)

(2) Extrabudgetary resources

	1986-1987 estimated expenditures	1988-1989 estimated expenditures
(a) Services in support of:		
(i) Other United Nations organizations	-	-
(ii) Extrabudgetary programmes	-	-
Total (a)	-	-
(b) Substantive activities		
United Nations Environment Programme	220.0	200.0
Total (b)	220.0	200.0
(c) Operational projects		
United Nations Environment Programme	18.8	100.0
United Nations Development Programme	99.7	-
Total (c)	118.5	100.0
Total (a), (b) and (c)	338.5	300.0
	Total	596.5

TABLE 1.3.16. POST REQUIREMENTS

Programme: Environment in Africa

	Established posts		Temporary posts				Total
	Regular budget		Regular budget		Extrabudgetary resources		
	1986-1987	1988-1989	1986-1987	1988-1989	1986-1987	1988-1989	
Professional category and above							
D-1	-	-	-	-	1	1	1
P-4	2	2	-	-	-	2	2
P-2/1	-	-	-	-	-	1	1
Total	2	2	-	-	1	2	3
Other categories							
Local level	1	1	-	-	1	1	2
Total	1	1	-	-	1	1	2
Grand total	3	3	-	-	2	3	5
							6

4. Environment in Africa

13.39 The programme is aimed at strengthening technical co-operation among ECA member States for developing national environmental capabilities. In addition, the programme will continue to develop environmental manpower and to create awareness for the conservation of natural resources and for pollution control through environment and development activities. All these activities are being co-ordinated within the context of UNEP's System-wide Medium-term Environment Programme (SWMTEP) for the African region.

13.40 The subprogramme, its programme elements and their related output are described below:

Subprogramme 1. Development of environmental capabilities, including conservation of resources and pollution control

(a) Resource requirements:

Regular budget: \$296,500 (100 per cent of programme total);

Extrabudgetary resources: \$200,000 (100 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 12.51-12.56, as revised in A/41/6.

(c) Programme elements:

1.1 Technical co-operation for developing national environment capabilities*

Output: Report to the Joint Intergovernmental Regional Committee on Human Settlements and Environment on progress in the development of suitable national measures to combat desertification and the impact of drought on the economies of the member States (first quarter, 1989).

1.2 Co-ordination of environmental activities within the Commission, with UNEP and with other international organizations working on environmental problems in Africa

Output: Substantive servicing of the fifth meeting of the Joint Intergovernmental Regional Committee on Human Settlements and Environment (first quarter, 1989).

1.3 Environmental assessment and management relating to the impacts of development on natural resources utilization, including pollution control and waste disposal**

Output:

(i) Reports to: (a) the Council of Ministers of the Niamey-based MULPOC on measures to mitigate environmental health and disease problems relating to drought

* Highest priority.

** Lowest priority.

and desertification (first quarter, 1988); and (b) the Council of Ministers of the Lusaka-based MULPOC on measures to mitigate environmental health and disease problems relating to drought and desertification (first quarter, 1989);

(ii) Reports to the Joint Intergovernmental Regional Committee on Human Settlements and Environment on: (a) modalities for incorporating the Cairo programme of the African Ministerial Conference on the Environment into on going national environment programmes (first quarter, 1989); and (b) the ratification and accession to international and regional environmental agreements with particular emphasis on conservation of tropical forests, and their implementation by member States (first quarter, 1989);

(iii) Report to the ECA Conference of Ministers on the management of environmental degradation, particularly drought and desertification aspects, in the implementation of the African Priority Programme for Economic Recovery (first quarter, 1989);

(iv) Technical publications: (a) environmental problems of underground water resources development in drought-prone countries in Africa, for agriculturists and environmental managers (third quarter, 1988); and (b) pollution control and waste disposal problems in selected African countries: case-studies for the Industrial Development Decade for Africa, for industrial planners and environmental managers, 1980-1990 (fourth quarter, 1989).

1.4 Development of manpower capabilities and creation of environmental awareness through environmental training and education activities

Operational activities:

(i) Four support missions to training courses of ECA-sponsored subregional and regional institutions on the environmental aspects of development issues in Africa;

(ii) Servicing of a study tour for representatives of member States on measures taken to combat desertification in four North African MULPOC countries with a view to examining successes and failures (third quarter, 1989).

Resource requirements (at revised 1987 rates)

Consultants

13.41 Two work-months of consultancy services under programme element 1.3 will be required to assist in a study for the evaluation of the implementation of Africa's Priority Programme for Economic Recovery with special reference to combating drought and desertification. An estimated \$6,700 would be required for that purpose.

Ad hoc expert group meeting

13.42 An estimated amount of \$13,000 would be required under programme element 1.3 for an ad hoc expert group meeting of 10 African experts in forestry, pollution control and in environmental law who will examine the difficulties experienced by African Governments in ratifying and acceding to regional and international

agreements for the protection of the environment, with particular emphasis on tropical forest conservation.

Other official travel of staff

13.43 The estimated requirements of \$15,000 under this heading reflect a \$1,700 decrease from the revalued base and are intended for the tasks described below:

<u>Programme element</u>	<u>Description of tasks</u>	<u>\$</u>
1.1	Mission to member States to strengthen their environmental capabilities and assist government officials to develop or review national measures to combat desertification and the impact of drought on the economy	3 000
1.2	Participate in inter-agency co-ordination meetings to facilitate the implementation of the System-wide Medium-term Environment Programme and the Cairo Programme of African Co-operation on the Environment and to service its Permanent Secretariat in Nairobi	5 000
1.3	Missions to countries to collect data on environmental health, and to implement a joint project to assist African countries to accede to international treaties for the protection of the environment	3 500
1.4	Substantive servicing of training courses run by ECA-sponsored subregional and regional institutions	<u>3 500</u>
	Total	<u><u>15 000</u></u>

5. Human settlements in Africa

TABLE 13.17. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1). Regular budget

Main objects of expenditure	1986-1987 appropriation	Estimated additional requirements				Total increase	1988-1989 estimates
		Revaluation of 1986-1987 base (at revised 1987 rates)	Resource growth (at revised 1987 rates)	Re-source growth (at revised 1987 rates)	Inflation in 1988 and 1989		
Established posts	340.2	(26.6)	-	1.6	(25.0)	315.2	
Consultants	9.3	0.1	(2.8)	0.3	(2.4)	6.9	
Ad hoc expert groups	15.1	0.5	-	0.7	1.2	16.3	
Common staff costs	176.9	(13.9)	-	0.6	(13.3)	163.6	
Other official travel of staff	14.6	0.2	(1.5)	0.6	(0.7)	13.9	
Total	556.1	(39.7)	(4.3)	3.8	(40.2)	515.9	

Analysis of real growth (at revised 1987 rates)

(1) Total revalued 1986-1987 resource base	Resource growth				Rate of real growth over (1)
(2) Actual	(3) Less non-recurrent items	(4) Plus delayed growth (new posts)	(5) Adjusted	(5) Adjusted	(1)
516.4	(4.3)	-	-	(4.3)	(0.8) %

(2) Extrabudgetary resources

	-
Total	515.9

TABLE 13.18. POST REQUIREMENTS

Programme: Human settlements in Africa

	Established posts		Temporary posts				Total		
	Regular budget		Regular budget		Extrabudgetary resources				
	1986-1987	1988-1989	1986-1987	1988-1989	1986-1987	1988-1989		1986-1987	1988-1989
Professional category and above									
P-5	1	1	-	-	-	-	1	-	1
P-4	1	1	-	-	-	-	1	-	1
P-3	1	1	-	-	-	-	1	-	1
P-2/1	1	1	-	-	-	-	1	-	1
Total	4	4	-	-	-	-	4	-	4
Other categories									
Local level	2	2	-	-	-	-	2	-	2
Total	2	2	-	-	-	-	2	-	2
Grand total	6	6	-	-	-	-	6	-	6

5. Human settlements in Africa

13.44 During the biennium 1988-1989, activities under this programme will reflect the continuity of efforts towards achieving the objectives assigned to the ECA secretariat by the Joint Intergovernmental Regional Committee on Human Settlements and Environment which were endorsed by the Conference of Ministers of the Commission.

13.45 In an attempt to achieve these objectives, the programme under the 1988-1989 biennium activities will put emphasis on the recommendations by General Assembly resolution S-13/2 of 1 June 1986 on the United Nations Programme of Action for African Economic Recovery and Development 1986-1990 by focusing on human settlements policies for the improvement of rural productivity and rural human resources development.

13.46 Accordingly, the activities will concentrate on developing guidelines and strategies for a better balanced rural/urban development, popular participation, improving life-style of the rural population.

13.47 Efforts will be continued for the development of expertise for the development of building materials production by small, specialized production units adapted to rural conditions.

13.48 The two subprogrammes, their programme elements and related output are described below:

Subprogramme 1. Policy development and institution building

(a) Resource requirements: regular budget: \$278,600 (54 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 14.58-14.61.

(c) Programme elements:

1.1 Human settlements policy formulation*

Output:

(i) Report to the Joint Intergovernmental Regional Committee on Human Settlements and Environment on policies and programmes in human settlements for accelerated rural transformation and redressing the rural/urban imbalance (first quarter, 1989);

(ii) Substantive servicing of the fifth session of the Joint Intergovernmental Regional Committee on Human Settlements and Environment (first quarter, 1989).

* Highest priority.

1.2 Human settlements planning and programming

Output:

(i) Report to the JIRCHSE on the development of infrastructures in meeting the need for the provision of goods and services in the implementation of programmes and projects designed to improve life-style of the rural population (first quarter, 1989);

(ii) Technical publications: (a) Organizational needs of the construction sector in the provision of productive and support services in rural areas for building construction entrepreneurs and government officials in the Ministry of Housing, Land and Physical Planning as well as for the Ministry of Industry (second quarter, 1988); and (b) Planning methodologies and techniques for the development of rural settlements for physical planners and ministry officials (second quarter, 1988).

Operational activities: Support to four workshops on the application of planning methodologies and techniques for the development of rural settlements for physical planners, technicians and officials of the Ministries of Land, Planning and Rural Development.

Subprogramme 2. Efficient resource development and utilization

(a) Resource requirements: regular budget: \$237,300 (46 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 14.62-14.68.

(c) Programme elements:

2.1 Training of human settlements personnel

Output: Technical publication: Guidelines for the development of appropriate building materials production for low-cost housing construction (third quarter, 1988).

2.2 Construction industry facilities**

Output: Report to the Joint Intergovernmental Regional Committee on Human Settlements and Environment on design and applied technologies appropriate for the development of the human settlements infrastructures in African member States (first quarter, 1989).

2.3 Building materials

Output:

(i) Report to the Joint Intergovernmental Regional Committee on Human Settlements and Environment on the role of small-scale building materials

** Lowest priority.

industries in the implementation of human settlements development programmes and projects for rural transformation in the African region (first quarter, 1989);

(ii) Technical publication: The African regional programme on applied research and development of building materials and construction industries (fourth quarter, 1989).

Resource requirements (at revised 1987 rates)

Consultants

13.49 The estimated requirements of \$6,600 under this heading reflect a \$2,800 decrease from the revalued base and relate to programme element 1.2. They provide for two work-months of consultancies to work on the development of infrastructures for the provision of foods and services in the implementation of programmes and projects designed to improve life-style of the rural population.

Ad hoc expert group meeting

13.50 An estimated \$15,600 would be required under programme element 1.1 for an ad hoc expert group meeting of six African experts on policies and programmes in human settlements for accelerated rural transformation in redressing the rural/urban imbalance.

Other official travel of staff

13.51 The estimated requirements under this heading (\$13,300) reflect a \$1,500 decrease from the base and relate to the tasks described below:

<u>Programme element</u>	<u>Description of tasks</u>	<u>\$</u>
1.2	Travel of one staff member for servicing four workshops during the biennium	7 300
2.1	Travel to collect and evaluate data available from member States, intergovernmental and non-governmental organizations and United Nations agencies, on the development of appropriate building materials production for low-cost housing construction	<u>6 000</u>
	Total	<u><u>13 300</u></u>

6. Industrial development in Africa

TABLE 13.19. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1986-1987 appropriation	Estimated additional requirements				Total increase	1988-1989 estimates
		Revaluation of 1986-1987 resource base (at revised 1987 rates)	Re-source growth (at revised 1987 rates)	Inflation in 1988 and 1989			
Established posts	1 453.7	(113.1)	-	6.4	(106.7)	1 347.0	
Consultants	45.6	0.9	(14.0)	1.5	(11.6)	34.0	
Ad hoc expert groups	-	-	13.8	0.6	14.4	14.4	
Common staff costs	756.5	(59.3)	-	2.4	(56.9)	699.6	
Other official travel of staff	93.5	1.3	(9.5)	3.8	(4.4)	89.1	
Total	2 349.3	(170.2)	(9.7)	14.7	(165.2)	2 184.1	

Analysis of real growth (at revised 1987 rates)

(1) Total revalued 1986-1987 resource base	Resource growth				Rate of real growth over (1)
	(2) Actual	(3) Less non-recurrent items	(4) Plus delayed growth (new posts)	(5) Adjusted	
2 179.1	(9.7)	-	-	(9.7)	(0.4)%

TABLE 13.19 (continued)

(2) Extrabudgetary resources

	1986-1987 estimated expenditures	1988-1989 estimated expenditures
(a) Services in support of:		
(i) Other United Nations organizations	-	-
(ii) Extrabudgetary programmes	28.1	31.0
Total (a)	28.1	31.0
(b) Substantive activities	-	-
Total (b)	-	-
(c) Operational projects		
United Nations Development Programme	1 102.3	5 003.8
United Nations Trust Fund for African Development	48.7	706.1
Bilateral sources	133.7	696.7
Total (c)	1 284.7	6 406.6
Total (a), (b) and (c)	1 312.8	6 437.6
Total		8 621.7

TABLE 13.20. POST REQUIREMENTS

Programme: Industrial development in Africa

	Established posts		Temporary posts		Total					
	Regular budget		Extrabudgetary resources							
	1986-1987	1988-1989	1986-1987	1988-1989						
	1986-1987	1988-1989	1986-1987	1988-1989	1986-1987	1988-1989	1986-1987	1988-1989	1986-1987	1988-1989
Professional category and above										
D-1	1	1	-	-	1	1	-	-	1	1
P-5	4	4	-	-	4	4	-	-	4	4
P-4	4	4	-	-	4	4	-	-	4	4
P-3	7	7	-	-	7	7	-	-	7	7
Total	16	16	-	-	16	16	-	-	16	16
Other categories										
Local level	8	8	-	-	8	8	-	-	8	8
Total	8	8	-	-	8	8	-	-	8	8
Grand total	24	24	-	-	24	24	-	-	24	24

6. Industrial development in Africa

13.52 This programme is executed by the Joint ECA/UNIDO Industry Division. It is formulated in the context of: (a) the Industrial Development Decade for Africa, which aims at assisting African countries in creating a self-reliant and self-sustaining industrial base with intrasectoral and inter-sectoral linkages and appropriate manpower capabilities; and (b) the United Nations Programme of Action for African Economic Recovery and Development 1986-1990 (United Nations-PAAERD), which identifies priority areas in the industrial sector that are directly in support of the recovery and long-term development of the agricultural sector. The related activities will be carried out in close collaboration with UNIDO and OAU in the framework of a joint inter-secretariat committee. Subregional economic groupings as well as the MULPOCs will also be involved in the implementation of the programme of work at the subregional level.

13.53 The four subprogrammes, their programme elements and the related output are described below:

Subprogramme 1. Policy development, planning and institution building

(a) Resource requirements:

Regular budget: \$895,500 (41 per cent of programme total);

Extrabudgetary resources: \$15,500 (50 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 15.84-15.91, as revised by A/41/6, paras. 15.84-15.86, and modified by A/41/38, para. 142.

(c) Programme elements:

1.1 Industrial policy and planning

Output:

(i) Reports to the Tenth Conference of African Ministers of Industry on:
(a) the implementation of the Industrial Development Decade for Africa, with particular emphasis on industrial policies and planning, and necessary measures for the full implementation of chemical, engineering, metal and agro-based projects for the Decade (first quarter, 1989); and (b) industrial programmes and activities in African countries in the context of United Nations-PAAERD including, in particular, activities in the chemical, engineering and metal subsectors in support to the rehabilitation and development of the agricultural sector (first quarter, 1989);

(ii) Substantive servicing of the Tenth Meeting of the Conference of African Ministers of Industry and the preceding meeting of the Intergovernmental Committee of Experts of the Whole (second quarter, 1989);

(iii) Technical publications: Investment Africa Bulletin, for industrial development policy-makers and businessmen (third quarter, 1988; third quarter, 1989).

Operational activities: Sixteen advisory service missions to member States on (a) industrial planning with particular emphasis on intra-sectoral and inter-sectoral linkages in the context of the Industrial Development Decade for Africa and United Nations-PAAERD, and (b) development of indigenous capabilities through, inter alia, assistance to national centres of industrial promotion.

1.2 General institution building**

Output:

(i) Reports to the Tenth Conference of African Ministers of Industry on: (a) measures to strengthen the African Regional Centre for Engineering Design and Manufacturing (ARCEDEM) (fourth quarter, 1988); and (b) measures to strengthen the African Industrial Development Fund (AIDF) (first quarter, 1989);

(ii) Substantive servicing of meetings of committees and sectoral sub-committees on the Industrial Development Decade for Africa at subregional level in connection with meetings of MULPOCs: (a) in the Niamey-based MULPOC (first quarter, 1988); (b) in the Tangiers-based MULPOC (first quarter, 1989); (c) in the Lusaka-based MULPOC (first quarter, 1989); (d) in the Yaounde-based MULPOC (first quarter, 1989); and (e) in the Gisenyi-based MULPOC (first quarter, 1989).

Subprogramme 2. Development of basic industries

(a) Resource requirements:

Regular budget: \$808,100 (37 per cent of programme total);

Extrabudgetary resources: \$15,500 (50 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 15.88-15.93, as revised by A/41/6, para. 15.88-15.89, and modified by A/41/38, para. 142.

(c) Programme elements:

2.1 Development of the chemical industry

No final output. The activity includes assembling research findings on the development of pharmaceutical industries on the basis of indigenous raw materials and review of possible applications.

Operational activities: Two advisory service missions to member States in the development of pharmaceutical/fertilizer industries.

2.2 Development of the engineering industry

Output: Technical publication: the improvement of the agricultural equipment maintenance capacity of an identified national, subregional or regional institution for manufacturers of agricultural equipment (fourth quarter, 1988).

** Lowest priority.

Operational activities: Two advisory service missions to two member States on development of the engineering industry for the development of agro-related industries.

2.3 Development of the metal industry

Output: Technical publication: rehabilitation of national, subregional or regional metal workshop for the production of spare parts for manufacturers of spare parts in metal workshops (first quarter, 1989).

Operational activities: Advisory service missions to two member States in the Lusaka-based MULPOC on metallurgical support to the production of tools and equipment for agro-industries.

2.4 Promotion and strengthening of subregional industrial co-operation

Output: Annual reports to the Councils of Ministers of MULPOCs (Lusaka, Niamey, Yaoundé, Tangiers, Gisenyi) on the progress of implementation of the Industrial Development Decade for Africa projects in the fields of chemical, engineering, metal and agro-based industries (first quarter, 1988; first quarter, 1989).

Operational activities: Four advisory service missions to member States on the negotiation of multinational core industrial projects.

Subprogramme 3. Development of agro-based and forest-based industries

(a) Resource requirements: regular budget: \$131,000 (6 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 15.94-15.97, as revised by A/41/6, para. 15.94.

(c) Programme elements:

3.1 Development of agro-based industries

Operational activities: Advisory service missions to two member States on the development of agro-based industries in the context of the United Nations Programme of Action for African Economic Recovery and Development 1986-1990 and the Nairobi Forward-looking Strategies for the Advancement of Women.

Subprogramme 4. Development of small-scale industries

(a) Resource requirements: regular budget: \$349,500 (16 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 15.98-15.101, as revised by A/41/6, para. 15.98, as modified by A/41/38, para. 142.

(c) Programme elements:

4.1 Policies and institutions for small-scale industries*

Output: Technical publication: investment promotion, mobilization of investment resources and development of entrepreneurship capability for small-scale industries (fourth quarter, 1988).

Operational activities: (a) support to a workshop for government officials dealing with small-scale industries, small-scale manufacturers and relevant services on policies, support institutions, technology transfer, investment promotion and mobilization of resources (second quarter, 1989); and (b) four advisory service missions to member States on policies, on development of support institutions and on transfer of technology for small-scale industries.

4.2 Improving the capacity of entrepreneurs of small-scale industries*

Output: Technical publications: two portfolios of project profiles on small-scale industrial projects for entrepreneurs (fourth quarter, 1988; fourth quarter, 1989).

Operational activities: Support to two training courses for government officials and entrepreneurs on the setting up and/or improving the functions of small-scale industries and institutions.

Resource requirements (at revised 1987 rates)

Consultants

13.54 The estimated requirements of \$32,500 under this heading reflect a \$14,000 decrease from the revalued base. The provision relates to the tasks described below:

<u>Programme element</u>	<u>Description of tasks</u>	<u>Work-months</u>
1.1	Prepare a report based on country studies in relation to the rehabilitation and development of the agricultural sector	2.0
2.1	Present research findings to the <u>ad hoc</u> expert group meeting related to the development of pharmaceutical industries	1.0
2.2	To make proposals for the improvement of agricultural equipment maintenance capacity of an identified national, subregional or regional institution to enable it to provide better services to the subregion or region	2.0

* Highest priority.

<u>Programme element</u>	<u>Description of tasks</u>	<u>Work-months</u>
2.3	To make proposals for rehabilitation of a national, subregional or regional metalworks workshop so as to facilitate the production of spare parts	1.5
4.1	To prepare studies on investment promotion, mobilization of investment resources and on the development of entrepreneurship capability for small-scale industries .	2.0
4.2	To train government officials and entrepreneurs on the setting up and/or improving the function of small-scale industries and institutions	<u>1.5</u>
	Total	<u>10.0</u>

Ad hoc expert group meeting

13.55 The estimated requirements of \$13,800 relate to an expert group meeting under programme element 2.1 on the application of research findings and the development of pharmaceutical industries from local raw materials (third quarter, 1988).

Other official travel of staff

13.56 The estimated requirements of \$85,300 under this heading reflect a \$9,500 decrease from the revalued base and relate to the tasks described below:

<u>Programme element</u>	<u>Description of tasks</u>	<u>\$</u>
1.1	Missions to member States in connection with the implementation of outputs under this programme element ...	31 500
1.2	Missions to MULPOC countries to organize working sessions at subregional levels; missions to ARCEDEM and member States for promoting and widening ARCEDEM activities	18 000
2.1	Missions to two countries for advisory services	3 400
2.2	Missions to countries in connection with the implementation of outputs under this programme element ...	3 400
2.3	Missions in the countries of the Lusaka-based MULPOC	2 800
2.4	Missions to intergovernmental organizations intended to give substantive technical support; missions to collect data necessary for preparation of reports to different MULPOCs	19 600

<u>Programme element</u>	<u>Description of tasks</u>	<u>\$</u>
3.1	Missions to countries in the context of the United Nations- PAAERD	3 200
4.2	Missions to the Yaoundé-based and Lusaka-based MULPOCs for servicing training courses	<u>3 400</u>
	Total	<u>85 300</u>

7. International trade and development finance in Africa

TABLE 13.21. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1986-1987 appropriation	Estimated additional requirements				1988-1989 estimates
		Revaluation of 1986-1987 base (at revised 1987 rates)	Re-source growth (at revised 1987 rates)	Inflation in 1988 and 1989	Total increase	
Established posts	1 434.3	(111.9)	-	10.4	(101.5)	1 332.8
Consultants	41.1	0.6	(12.5)	1.3	(10.6)	30.5
Ad hoc expert groups	15.3	-	-	0.7	0.7	16.0
Common staff costs	746.0	(58.8)	-	3.9	(54.9)	691.1
Other official travel of staff	84.4	1.2	(8.6)	3.5	(3.9)	80.5
Total	2 321.1	(168.9)	(21.1)	19.8	(170.2)	2 150.9

Analysis of real growth (at revised 1987 rates)

(1) Total revalued 1986-1987 resource base	Resource growth				Rate of real growth (5) over (1)
	(2) Actual	(3) Less non-recurrent items	(4) Plus delayed growth (new posts)	(5) Adjusted	
2 152.2	(21.1)	-	-	(21.1)	(0.9)%

(2) Extrabudgetary resources

	-
Total	2 150.9

TABLE 13.22. POST REQUIREMENTS

Programme: International trade and development finance in Africa

	Established posts		Temporary posts		Total
	Regular budget		Extrabudgetary resources		
	1986-1987	1988-1989	1986-1987	1988-1989	
Professional category and above					
D-1	1	-	-	-	1
P-5	3	-	-	-	3
P-4	3	-	-	-	3
P-3	4	-	-	-	4
P-2/1	5	-	-	-	5
Total	16	16	-	-	16
Other categories					
Local level	13	-	-	-	13
Total	13	13	-	-	13
Grand total	29	29	-	-	29

7. International trade and development finance in Africa

13.57 The activities to be carried out under this programme by the International Trade and Finance Division in the biennium 1988-1989 are designed to assist member States through the following: preparation of technical publications and other studies aimed at critical analysis of the relevant issues in trade and development and suggesting appropriate solutions; provision of advisory services on trade policy and institutional arrangements; organization and servicing of conferences, meetings and workshops devoted to harmonization of Africa's position in international trade, monetary and financial negotiations; servicing of training courses, seminars and round tables aimed at dissemination of information and market possibilities and opportunities in the region; and preparation of reports to member States on the establishment of appropriate mechanisms for promoting trade for the development and strengthening of trade and financial relations between other developing and developed countries.

13.58 The four subprogrammes, their programme elements and the related output are described below:

Subprogramme 1. Domestic trade and finance

(a) Resource requirements: regular budget: \$258,100 (12 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 16.103-16.106.

(c) Programme elements:

1.1 Technical co-operation on domestic trade and finance**

Output: Technical publication: Manual on Commodities and Marketing Channels for promoting domestic production and distribution for senior officials in ministries of trade and chambers of commerce (fourth quarter, 1989).

1.2 Alternative patterns of domestic trade structures and mechanisms for the establishment of more rational distribution channels

Output:

(i) Report to the Councils of Ministers of the MULPOCs based at Lusaka, Gisenyi, Yaoundé, Niamey and Tangiers on alternative patterns of domestic trade structures and mechanisms for the establishment of more rational distribution channels and domestic financial markets (first quarter, 1989);

(ii) Report to Africa Regional Co-ordinating Committee on Women and Development on the role and contribution of women in domestic and intra-African trade (second quarter, 1988);

** Lowest priority.

(iii) Report to the Conference of African Ministers of Trade on appropriate policies, structures and systems of financing for domestic trade in Africa (fourth quarter, 1989).

Subprogramme 2. Intra-African trade

(a) Resource requirements: regular budget: \$881,900 (41 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 16.107-16.110.

(c) Programme elements:

2.1 Technical co-operation in intra-African trade

Output: Technical publication: Manual on standardization and harmonization of intra-African trade documentation and procedures (first quarter, 1988).

Operational activities: Two advisory service missions to member States and intergovernmental organizations on: (a) developing appropriate measures for supporting intra-African multilateral trade negotiations on reduction and elimination of tariff and non-tariff barriers within the existing intergovernmental groupings; and (b) simplification and harmonization of intra-African trade documentation and procedures.

2.2 Development of intra-African trade*

Output:

(i) Report to the Council of Plenipotentiaries of the Tangier-based MULPOC on the possibility of establishing a preferential trade area for the North African countries (first quarter, 1988);

(ii) Report to the Conference of African Ministers of Trade on intra-African trade situation, problems and prospects (fourth quarter, 1989);

(iii) Sales publication: Compendium of trade legislations, rules, regulations and practices, including tariff and non-tariff barriers to intra-African trade, in cereals and staple crops (third quarter, 1989).

2.3 Trade and finance information services

Output: Technical publications: (a) African Trade Bulletin for businessmen and chambers of commerce (one issue, third quarter, 1988; one issue, third quarter, 1989); (b) FLASH on Trade Opportunities for traders and businessmen (one issue, each quarter, 1988; one issue, each quarter, 1989); and (c) African Trade Directory (third quarter, 1989).

* Highest priority.

2.4 Trade promotion, market research and marketing techniques

Operational activities:

(i) One advisory service mission to member States, on request, on the establishment and/or strengthening of national, subregional and regional trade promotion organizations;

(ii) Support to the regional workshop for middle level executives on upgrading trade promotion, export marketing techniques and management skills of African women entrepreneurs and business executives (second quarter, 1988);

(iii) Support to the regional workshop for middle level executives, including women, on trade promotion, export marketing and import management techniques (first quarter, 1989).

2.5 Technical support services to the African Group in negotiation on State trading organizations

Output: Report to the Conference of African Ministers of Trade on the structures and management of African State trading organizations (fourth quarter, 1989).

Subprogramme 3. Trade with non-African countries

(a) Resource requirements: regular budget: \$580,700 (27 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 16.111-16.114.

(c) Programme elements:

3.1 Technical co-operation on international trade and negotiations

Output:

(i) Report to the Conference of African Ministers of Trade on recent trends and developments in international trade relations (fourth quarter, 1989);

(ii) Substantive servicing of the tenth meeting of the Conference of African Ministers of Trade (fourth quarter, 1989).

Operational activities: Four technical support missions to African member States and their negotiating groups during international trade negotiations.

3.2 Commodity trade

Output:

(i) Report to the Conference of African Ministers of Trade on the implementation of the Integrated Programme for Commodities (fourth quarter, 1989);

(ii) Technical publication: Mechanisms for diversifying commodity trade, including policy options towards processing and industrialization in Africa, for officials of ministries of trade (fourth quarter, 1988).

3.3 Trade and economic co-operation between the African countries and the socialist countries of Eastern Europe and with China

Output:

(i) Report to the Conference of African Ministers of Trade on the situation of trade relations between Africa and China (fourth quarter, 1989);

(ii) Technical publication: Mechanisms for facilitating trade between African countries and China for African businessmen and officials of ministries of trade (second quarter, 1988).

3.4 Trade expansion between the African region and other developing regions

Output: Report to the Conference of African Ministers of Trade on: (a) trade prospects between Africa and developing countries of the ESCAP region (second quarter, 1988); and (b) progress in the implementation of Global System of Trade Preferences between Africa and other developing regions (second quarter, 1989).

Subprogramme 4. International financial and monetary policies

(a) Resource requirements: regular budget: \$430,200 (20 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 16.115-16.118.

(c) Programme elements:

4.1 Technical co-operation on monetary and financial issues

Operational activities:

(i) Four technical support missions to subregional and regional institutions during their meetings on financial and monetary issues;

(ii) Four technical support missions to assist African groups and delegations on international negotiations during meetings on monetary and financial issues.

4.2 Role of external capital flows in African development

Output:

(i) Report to the Conference of African Ministers of Finance on alternative systems of external resource management, including external debt (first quarter, 1988);

(ii) Technical publication: Manual on the application of common concepts and data base on external debt of African countries for senior officials in the ministries of finance and planning and in central banks (third quarter, 1988).

4.3 Monetary and financial co-operation among developing countries

Output: Report to the Conference of African Ministers of Finance on alternative mechanisms and structures for monetary and financial co-operation among developing countries (second quarter, 1989).

4.4 Intra-African monetary and financial co-operation*

Output:

(i) Reports to the Conference of African Ministers of Finance on:
 (a) progress towards establishment of an African monetary fund (first quarter, 1988); and (b) impacts of major developments and international monetary and financial relations on African economies (first quarter, 1989);

(ii) Substantive servicing of: (a) the Third Meeting of the Conference of African Ministers of Finance on the establishment of an African monetary fund (first quarter, 1988); and (b) the Fourth Meeting of the Conference of African Ministers of Finance on the impact of major developments in international monetary and financial relations on African economies (first quarter, 1989).

Resource requirements (at revised 1987 rates)

Consultants

13.59 The estimated requirements (\$29,200) under this heading reflect a decrease of \$12,500 from the revalued base. The provision relates to the tasks described below:

<u>Programme element</u>	<u>Description of tasks</u>	<u>Work-months</u>
2.1	To prepare manual on standardization and harmonization of intra-African trade documentation and procedures	2.0
2.2	To prepare the compendium of trade legislations, rules, regulations and practices, including tariff and non-tariff barriers to intra-African trade in cereals and staple crops	2.0
3.3	To prepare technical publication on mechanisms for facilitating trade between African countries and China ..	2.0
4.2	To prepare manual on application of common concepts and data base on external debt of African countries	<u>2.0</u>
	Total	<u>8.0</u>

* Highest priority.

Other official travel of staff

13.60 The estimated requirements of \$77,000 under this heading reflect a \$8,600 decrease from the revalued base, and relate to tasks combining official travel with that of travel to service meetings as described below:

<u>Subprogramme</u>	<u>Description of tasks</u>	<u>\$</u>
1	Technical assistance and advisory services to member States	17 700
2	Advisory services to member States and attendance of MULPOC meetings	19 300
3	Missions on technical support services to member States	17 000
4	Advisory services to member States and attendance at meetings	<u>23 000</u>
	Total	<u>77 000</u>

8. Natural resources in Africa

TABLE 13.23. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1986-1987 appropriation	Estimated additional requirements				Total increase	1988-1989 estimates
		Revaluation of 1986-1987 resource base (at revised 1987 rates)	Resource growth (at revised 1987 rates)	Inflation in 1988 and 1989			
Established posts	911.9	(71.5)	-	7.2	(64.3)	847.6	
Consultants	27.5	0.4	(8.4)	0.9	(7.1)	20.4	
Common staff costs	474.6	(38.2)	-	2.7	(35.5)	439.1	
Travel of staff to service meetings	5.5	0.1	(0.6)	0.3	(0.2)	5.3	
Other official travel of staff	58.2	0.8	(5.9)	2.4	(2.7)	55.5	
External printing and binding	5.0	0.1	1.8	0.3	2.2	7.2	
Total	1 482.7	(108.3)	(13.1)	13.8	(107.6)	1 375.1	

Analysis of real growth (at revised 1987 rates)

(1) Total revalued 1986-1987 resource base	Resource growth				Rate of real growth over (1)
	(2) Actual	(3) Less non-recurrent items	(4) Plus delayed growth (new posts)	(5) Adjusted	
1 374.4	(13.1)	-	-	(13.1)	(0.9)%

TABLE 13.23 (continued)

(2) Extrabudgetary resources

	1986-1987 estimated expenditures	1988-1989 estimated expenditures
(a) Services in support of:		
(i) Other United Nations organizations	-	-
(ii) Extrabudgetary programmes	84.3	93.0
Total (a)	84.3	93.0
(b) Substantive activities	-	-
Total (b)	-	-
(c) Operational projects	-	-
Total (c)	-	-
Total (a), (b) and (c)	84.3	93.0
	Total	1 468.1

TABLE 13.24. POST REQUIREMENTS

Programme: Natural resources in Africa

	Established posts		Temporary posts				Total
	Regular budget		Regular budget		Extrabudgetary resources		
	1986-1987	1988-1989	1986-1987	1988-1989	1986-1987	1988-1989	
Professional category and above							
D-1	1	1	-	-	-	-	1
P-5	3	3	-	-	-	-	3
P-4	3	3	-	-	-	-	3
P-2/1	2	2	-	-	-	-	2
Total	9	9	-	-	-	-	9
Other categories							
Local level	9	9	-	-	3	3	12
Total	9	9	-	-	3	3	12
Grand total	18	18	-	-	3	3	21

8. Natural resources in Africa

13.61 The problems addressed in this programme are the lack of national capabilities for the development and utilization of the natural resources, lack of information on natural resources endowment of large and unexplored areas and non-integration of activities related to natural resources development into the socio-economic development policies of the African countries.

13.62 In this context, the activities programmed in the biennium include the continuation of assistance to the member States in the development of integrated policies for the planning and management of their natural resources; development of water resources in drought-affected areas will be given special attention in view of Africa's critical socio-economic conditions that are related to the drought; inventories of industrial minerals will be conducted in selected countries to respond to the needs of industrial development in Africa; support given to the existing ECA-sponsored institutions responsible for development of natural resources and application of science and technology for development (mineral resources development centres, technology development centres, cartographic and remote-sensing centres and water resources development institutions) will continue to be rendered as a more pragmatic means of development of capabilities for exploration, exploitation and development of natural resources.

13.63 The three subprogrammes, their programme elements and the related output are described below:

Subprogramme 1. Mineral resources

(a) Resource requirements: regular budget: \$508,800 (37 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 17.67-17.71, as revised by A/41/6 and Corr.1.

(c) Programme elements:

1.1 Technical co-operation with countries, territories and multinational institutions*

Operational activities:

(i) Two advisory service missions to member States, on request, on the technical, managerial, policy and economic aspects of mineral exploration and exploitation;

(ii) Four advisory service missions to member States and African intergovernmental institutions on the conception and implementation of their mineral resources development programmes through field surveys and preparation of studies within the region.

* Highest priority.

1.2 Inventory of African mineral resources

Output: Technical publications: Studies on available resources of selected minerals for the industrial development needs of Africa (fourth quarter, 1988; fourth quarter, 1989).

1.3 Third Regional Conference on the Development and Utilization of Mineral Resources in Africa

Output:

(i) Reports to the Third Regional Conference on the Development and Utilization of Mineral Resources in Africa on: (a) progress in the development and utilization of mineral resources in Africa since the second regional conference and on the follow-up action on the recommendations of the Lusaka Programme of Action (third quarter, 1989); (b) the possibilities of establishing an association concerned with specific minerals or groups of minerals in Africa (third quarter, 1989); and (c) consultations with the African Development Bank (ADB) regarding modalities of financing mineral development projects in Africa (third quarter, 1989);

(ii) Substantive servicing of the Third Regional Conference on the Development and Utilization of Mineral Resources in Africa (third quarter, 1989).

1.4 Research and information on mineral resources development and utilization in Africa

Output: Technical publications: Mineral development, trade and growth trends of mineral commodities produced in the region (fourth quarter, 1988; fourth quarter, 1989).

Subprogramme 2. Water resources

(a) Resource requirements: regular budget: \$508,800 (37 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 17.72-17.75, as revised by A/41/6.

(c) Programme elements:

2.1 Support in the development and management of water resources at the national and subregional levels

Output: Reports to the Council of Ministers of the Niamey-based MULPOC on: (a) the strategy for the development of water resources in the drought-prone countries of the subregion (first quarter, 1988); and (b) cost-recovery and operation and maintenance strategies for community water supplies in rural areas (first quarter, 1989).

Operational activities: Five advisory service missions to member States and intergovernmental organizations, on request, on the promotion of water resources development at national and subregional levels.

2.2 Follow-up to the Mar del Plata Action Plan of the United Nations Water Conference, including the International Drinking Water Supply and Sanitation Decade (1981-1990) in Africa

Output:

(i) Report to the Conference of Ministers of ECA on key issues concerning the implementation of the Mar del Plata Action Plan in Africa (second quarter, 1988);

(ii) Reports to the regional meeting on water resources development in Africa on: (a) proposals for enhancing future regional co-operation (second quarter, 1988); and (b) existing national educational and training facilities in the region (second quarter, 1988);

(iii) Substantive servicing of the regional meeting on water resources development in Africa (second quarter, 1988).

2.3 Promotion of information exchange among member States

Output: Technical publications: Information bulletin on water resources activities in Africa to be distributed to member States (fourth quarter, 1988; fourth quarter, 1989).

Subprogramme 3. Cartography and remote sensing

(a) Resource requirements: regular budget: \$357,500 (26 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6), paras. 17.76-17.79, as revised by A/39/6 and Corr.1.

(c) Programme elements:

3.1 Institutional capability development and programme co-ordination in cartography and remote sensing

Operational activities:

(i) Advisory service missions to two countries and four multinational institutions, upon request, on: (a) appraisal of their national cartographic and/or remote-sensing capabilities, including manpower development and technology transfer; and (b) strengthening and co-ordinating the activities of existing regional/subregional institutions through ECA participation at the meetings of the Technical Advisory Committees and tripartite reviews of technical co-operation projects of the four multinational institutions, namely: Regional Centre for Training in Aerial Surveys, Ile-Ife, Nigeria; Regional Centre for Services in Surveying, Mapping and Remote Sensing, Nairobi, Kenya; Remote Sensing Centre at Ouagadougou; and Remote Sensing Centre at Kinshasa for effectiveness and responsiveness to the contracting member States' cartographic and remote-sensing needs for economic planning and development.

(ii) Support to an intergovernmental workshop on a study on applications of geodetic and gravimetric surveys for planning and development (third quarter, 1989).

3.2 Geographic information systems and services**

Output:

(i) Report to the Seventh United Nations Regional Cartographic Conference for Africa on the status of topographical mapping in Africa (second quarter, 1989);

(ii) Substantive servicing of the Seventh United Nations Regional Cartographic Conference for Africa (second quarter, 1989);

(iii) Technical publication: accessions lists of collected maps, remote-sensing data, as well as those prepared by the Commission (fourth quarter, 1988; fourth quarter, 1989).

Operational activities: Support to the new Council of the merged African Remote Sensing Council and the African Association of Cartography on the evaluation of metric camera photography and spot satellite imageries for resource and topographic mapping.

3.3 Cartographic inventory for Africa

Output: Technical publication: First edition of the cartographic inventory atlases (third quarter, 1989).

Resource requirements (at revised 1987 rates)

Consultants

13.64 The estimated requirements of \$19,500 reflect a \$8,400 decrease from the revalued base. They relate to the provision of four work-months of consultancy services, namely: one work-month under subprogramme 1, to prepare a report on the progress in the development and utilization of mineral resources in Africa and follow-up on the implementation of the Lusaka Programme of Action; and three work-months under subprogramme 3, to prepare explanatory notes to the atlases of the Cartographic Inventory.

Travel of staff to service meetings

13.65 The amount of \$5,000 would be required to attend the annual meetings of ACC, the Intersecretariat Group for Water and the Steering Committee for Co-operative Action for the International Drinking Water Supply and Sanitation Decade.

Other official travel of staff

13.66 The estimated requirements under this heading (\$53,100) reflect a \$5,900 decrease from the revalued base. They relate to the following tasks:

** Lowest priority.

<u>Subprogramme</u>	<u>Description of tasks</u>	<u>\$</u>
1	Provision of advisory services to member States and institutions, collection of data on mineral commodities for the survey and preparatory mission for the regional conference	17 000
2	Advisory services to member States and conducting the survey on national training institutions	19 100
3	Provision of advisory services to member States and institutions and for missions to Nairobi, related to the editing and proof reading the atlases for Cartographic Inventory before bulk printing	<u>17 000</u>
	Total	<u>53 100</u>

External printing and binding

13.67 It is estimated that \$6,900 would be required for publication of the Cartographic Inventory for Africa. This provision reflects an increase of \$1,800 over the revalued base.

9. Energy and development in Africa

TABLE 13.25. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1986-1987 appropriation	Estimated additional requirements				1988-1989 estimates
		Revaluation of 1986-1987 resource base (at revised rates)	Re-source growth (at revised rates)	Inflation in 1988 and 1989	Total increase	
Established posts	279.2	(22.0)	-	0.8	(21.2)	258.0
Common staff costs	145.4	(11.8)	-	0.3	(11.5)	133.9
Other official travel of staff	19.8	0.3	(2.0)	0.7	(1.0)	18.8
Total	444.4	(33.5)	(2.0)	1.8	(33.7)	410.7

Analysis of real growth (at revised 1987 rates)

(1) Total revalued 1986-1987 resource base	Resource growth				Rate of real growth over (1)
	(2) Actual	(3) Less non-recurrent items	(4) Plus delayed growth (new posts)	(5) Adjusted	
410.9	(2.0)	-	-	(2.0)	(0.4)%

TABLE 13.25 (continued)

(2) Extrabudgetary resources

	1986-1987 estimated expenditures	1988-1989 estimated expenditures
(a) Services in support of:		
(i) Other United Nations organizations	-	-
(ii) Extrabudgetary programmes	-	-
Total (a)	-	-
(b) Substantive activities		
Bilateral sources	435.2	220.0
Total (b)	435.2	220.0
(c) Operational projects		
United Nations Development Programme	160.0	-
Total (c)	160.0	-
Total (a), (b) and (c)	595.2	220.0
Total		630.7

TABLE 13.26. POST REQUIREMENTS

Programme: Energy and development in Africa

	Established posts		Temporary posts				
	Regular budget		Regular budget		Extrabudgetary resources		
	1986-1987	1988-1989	1986-1987	1988-1989	1986-1987	1988-1989	
Professional category and above							Total
P-5	1	1	-	-	2	1	3
P-4	2	2	-	-	-	-	2
Total	3	3	-	-	2	1	5
Other categories							
Local level	1	1	-	-	-	1	1
Total	1	1	-	-	-	1	1
Grand total	4	4	-	-	2	2	6

9. Energy and development in Africa

13.68 For the biennium 1988-1989, this programme will emphasize: (a) the exploration, evaluation and development of energy resources and integration of energy policy planning into overall socio-economic policy planning; (b) research training and information; and (c) assistance in institution-building.

13.69 The subprogramme, its programme elements and the related output are described below:

Subprogramme 1. Integration of energy policies into overall socio-economic development and economic growth policies

(a) Resource requirements:

Regular budget: \$410,700 (100 per cent of programme total);

Extrabudgetary resources: \$220,000 (100 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 11.68-11.72, as revised by A/39/6.

(c) Programme elements:

1.1 Exploration evaluation and development of energy resources in Africa*

Output:

(i) Two reports to the Conference of Ministers of the Gisenyi-based MULPOC on a study on the possibility of interconnection of the electrical grids in neighbouring states of CEPGL (fourth quarter, 1988; fourth quarter, 1989);

(ii) Technical publications: two studies on exploration, exploitation, distribution and use of conventional and new and renewable sources of energy in some coastal and island States of eastern and southern Africa and in CEPGL countries (fourth quarter, 1988; fourth quarter, 1989).

Operational activities: One advisory service mission to member States, on request, on exploration, exploitation, distribution and use of coal in Africa (XB).

1.2 Integration of energy policy planning into overall socio-economic policy planning in African countries

Operational activities: Two advisory service missions to member States, on request, on formulation of integrated energy policies and their integration into policies for overall development and economic growth.

* Highest priority.

1.3 Research, training and information

Output:

(i) Report to the Conference of Ministers of Gisenyi-based MULPOC on the possibilities for the local manufacture of electrical equipment, parts and components of such equipment that can be used in the utilization of new and renewable sources of energy (fourth quarter, 1989);

(ii) Technical publications: (a) Coal resources in Africa: their development and increased utilization (third quarter, 1989); and (b) Energy review in Africa (fourth quarter, 1988; fourth quarter, 1989);

(iii) Award of three scholarships annually to African researchers, engineers and technicians in the field of conventional and new and renewable sources of energy.

Operational activities: Support to the regional workshop for government officials on the development and increased utilization of coal resources in Africa (second quarter, 1989).

1.4 Institution building**

Operational activities: Two advisory service missions to the African Regional Centre for Solar Energy on technical, managerial and economic aspects of solar development in Africa.

Resource requirements (at revised 1987 rates)

Other official travel of staff

13.70 The estimated requirements under this heading (\$18,100) reflect a decrease of \$2,000 from the revalued base and provide resources for the following tasks:

<u>Programme element</u>	<u>Description of tasks</u>	<u>\$</u>
1.1	Travel to selected island countries in eastern Africa and CEPGL States to collect information on exploitation, distribution and use of conventional and new and renewable sources of energy	5 000
1.2	Mission to selected countries to advise on energy policies and their integration in development growth	5 500

** Lowest priority.

<u>Programme element</u>	<u>Description of tasks</u>	<u>\$</u>
1.3	Mission to selected African States to collect basic information on the status of development of energy resources	4 000
1.4	Mission to African Regional Centre for Solar Energy to advise on various aspects of solar energy development	<u>3 600</u>
	Total	<u>18 100</u>

10. Population in Africa

TABLE 13.27. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1986-1987 appropriation	Estimated additional requirements				Total increase	1988-1989 estimates
		Revaluation of 1986-1987 resource base (at revised 1987 rates)	Re-source growth (at revised 1987 rates)	Inflation in 1988 and 1989			
Established posts	579.5	(45.1)	-	3.2	(41.9)	537.6	
Consultants	18.5	0.6	(5.8)	0.7	(4.5)	14.0	
Common staff costs	301.8	(24.0)	-	1.2	(22.8)	279.0	
Other official travel of staff	52.5	0.9	(5.3)	2.1	(2.3)	50.2	
Total	952.3	(67.6)	(11.1)	7.2	(71.5)	880.8	

Analysis of real growth (at revised 1987 rates)

(1) Total revalued 1986-1987 resource base	Resource growth				Rate of real growth (5) over (1)
	(2) Actual	(3) Less non-recurrent items	(4) Plus delayed growth (new posts)	(5) Adjusted	
884.7	(11.1)	-	-	(11.1)	(1.2) %

TABLE 13.27 (continued)

(2) Extrabudgetary resources

	1986-1987 estimated expenditures	1988-1989 estimated expenditures
(a) Services in support of:		
(i) Other United Nations organizations	-	-
(ii) Extrabudgetary programmes	120.9	112.8
Total (a)	120.9	112.8
(b) Substantive activities	-	-
Total (b)	-	-
(c) Operational projects		
United Nations Fund for Population Activities	4 758.5	4 355.8
Total (c)	4 758.5	4 355.8
Total (a), (b) and (c)	4 879.4	4 468.6
	Total	5 349.4

TABLE 13.28. POST REQUIREMENTS

Programme: Population in Africa

	Established posts		Temporary posts		Total						
	Regular budget		Extrabudgetary resources								
	1986-1987	1988-1989	1986-1987	1988-1989							
			Regular budget		1986-1987	1986-1987	1988-1989	1986-1987	1988-1989	1986-1987	1988-1989
Professional category and above											
D-1	1	1	-	-	1	1	-	1	-	1	1
P-5	1	1	-	-	1	1	-	1	-	1	1
P-4	2	2	-	-	2	2	-	2	-	2	2
P-3	2	2	-	1	3	3	-	1	1	3	3
Total	6	6	-	1	7	7	-	1	1	7	7
Other categories											
Local level	4	4	-	8	12	12	-	7	7	12	11
Total	4	4	-	8	12	11	-	7	7	12	11
Grand total	10	10	-	9	19	18	-	8	8	19	18

10. Population in Africa

13.71 The 1988-1989 Population programme will continue to address the problems expressed by African countries, as reflected in the Kilimanjaro Programme of Action on Population, as well as Africa's Priority Programme of Economic Recovery. The areas covered by the programme of work are advisory services to member States in data analysis and its utilization, formulation and implementation of population policies and programmes, on-the-job training, as well as formal training. Research on population dynamic, population policies and their impact on socio-economic development, and dissemination of information on population activities will also continue to form an important component of the work during 1988-1989.

13.72 The three subprogrammes, their programme elements and the related output are described below:

Subprogramme 1. Population policies and development planning

(a) Resource requirements: regular budget: \$290,700 (33 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 18.57-18.60.

(c) Programme elements:

1.1 Technical co-operation with countries and territories

Operational activities: Two advisory service missions to national census offices, population commissions and other relevant government offices, on request, in the formulation and implementation of relevant population policies, and integration of population variables in development planning.

1.2 Assessment of population policies in socio-economic development planning in Africa

Output: Technical publication: the status and prospects of population policies in ECA member States for policy-makers in the population field (fourth quarter, 1989).

1.3 Evaluation of the demographic impact of population programmes in African countries**

Output: Technical publication: the impact of maternal and child health and family planning (MCH/FP) programmes on fertility, infant and childhood mortality and maternal health for health planners, demographers, statisticians and policy-makers (fourth quarter, 1989).

** Lowest priority.

1.4 Integration of population variables and policies in development plans

Output:

(i) Reports to the fifth session of the Joint Conference of African Planners, Statisticians and Demographers on: (a) population dynamics in ECA member States (first quarter, 1988); (b) population projections for ECA member States (first quarter, 1988); (c) population redistribution in ECA member States (first quarter, 1988); (d) population activities (1986-1987), examination of approved work programme (1988-1989) and consideration of draft work programme (1990-1991); and (e) the implementation of the Kilimanjaro Programme of Action on Population (first quarter, 1988);

(ii) Substantive servicing of the Joint Conference of African Planners, Statisticians, Demographers and Information Scientists (first quarter, 1988);

(iii) Technical publication: the relevant legislative instruments affecting the formulation and implementation of relevant population policies (fourth quarter, 1988).

Subprogramme 2. Demographic analysis in the context of economic and social development

(a) Resource requirements: regular budget: \$590,100 (67 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 18.61-18.66.

(c) Programme elements:

2.1 Fertility levels, patterns, differentials and trends in African countries

Output:

(i) Report to the fifth session of the Joint Conference of African Planners, Statisticians and Demographers on fertility levels, patterns, differentials and trends in selected African countries (first quarter, 1988);

(ii) Technical publications: (a) proximate determinants of fertility in selected African countries for policy-makers and researchers in the population field (fourth quarter, 1988); and (b) the effect on nuptiality variables on fertility in selected African countries for policy-makers and researchers in the population field (fourth quarter, 1989).

2.2 Family formation, structure and fertility in selected African countries

Output: Technical publication: social, cultural factors, and legislation affecting family formation, and fertility in selected African countries, for policy-makers and researchers in the population field (fourth quarter, 1988).

2.3 Mortality levels, patterns, differentials and trends in selected African countries

Output: Technical publication: a comparative geographic analysis of mortality levels, patterns, differentials and trends and their life tables in middle Africa, for policy-makers and researchers in the population field (third quarter, 1988).

2.4 Interrelationships among infant and child mortality, socio-economic factors and fertility in selected African countries

Output: Technical publication: a comparative study on infant and childhood mortality and its relationship between fertility, cultural factors and socio-economic development in selected African countries for policy-makers and researchers in the population field (fourth quarter, 1989).

2.5 Population projections, including evaluation, adjustment and analysis of demographic data for the African region*

Output:

- (i) Demographic Handbook for Africa (fourth quarter, 1988);
- (ii) Computer print-outs on population projections on member States (second quarter, 1989);
- (iii) Technical publication: estimates and projections of African population trends for policy-makers and researchers in the population field (fourth quarter, 1989).

2.6 Trends in subregional variations in population distribution and urbanization in Africa and their effects on agricultural and industrial development

Output: Technical publication: the patterns, causes and consequences of urbanization in Africa for policy-makers and researchers in the population field (third quarter, 1989).

Subprogramme 3. Regional training and research

(a) Resource requirements: extrabudgetary resources: \$112,800 (100 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 18.67-18.71.

* Highest priority.

(c) Programme elements:

3.1 Technical support to the substantive and administrative activities of the regional institutes for population studies

Output: Report to the Fifth Joint Conference of African Planners, Statisticians and Demographers on ECA regional population training institutes (first quarter, 1988) (XB).

Operational activities:

(i) Six advisory missions, on request, to the training and research activities at the Regional Institute for Population Studies at Accra and at the Institut de Formation et de Recherches Démographiques at Yaoundé and the Sahel Institute (XB);

(ii) Technical support for the meetings of the advisory boards of the institutes at Accra and Yaoundé and their governing councils (one mission, second quarter, 1988) (XB).

Resource requirements (at revised 1987 rates)

Consultants

13.73 The estimated requirements (\$13,300) under this heading reflect a \$5,800 decrease from the revalued base. The provision relates to programme element 2.7 and represents three work-months of expert services to assist in preparation of a study on the effect of population distribution and urbanization in Africa on agricultural and industrial development.

Other official travel of staff

13.74 The estimated requirements (\$48,100) reflect a decrease of \$5,300 from the revalued base. It provides travel resources for the following tasks:

<u>Subprogramme</u>	<u>Description of tasks</u>	<u>\$</u>
1	Provision of advice to member States on population policies and their integration in development planning and collection of information for a study on maternal and child health and family-planning programmes	23 100
2	Collection of information relating to studies on determinants of fertility, effect of nuptiality variables on fertility in selected African countries and analysis of mortality levels and trends and interrelationship among infant and child mortality and fertility; compilation of data for Demographic Handbook	<u>25 000</u>
	Total	<u>48 100</u>

11. Public administration and finance in Africa

TABLE 13.29. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1986-1987 appropriation	Estimated additional requirements				Total increase	1988-1989 estimates
		Revaluation of 1986-1987 resource base (at revised 1987 rates)	Re-source growth (at revised 1987 rates)	Inflation in 1988 and 1989			
Established posts	495.9	(38.5)	-	3.2	(35.3)	460.6	
Consultants	29.9	0.4	(9.1)	1.1	(7.6)	22.3	
Common staff costs	258.2	(20.4)	-	1.2	(19.2)	239.0	
Other official travel of staff	38.1	0.7	(3.9)	1.8	(1.4)	36.7	
Total	822.1	(57.8)	(13.0)	7.3	(63.5)	758.6	

Analysis of real growth (at revised 1987 rates)

(1) Total revalued 1986-1987 resource base	Resource growth				Rate of real growth over (1)
	(2) Actual	(3) Less non-recurrent items	(4) Plus delayed growth (new posts)	(5) Adjusted	
764.3	(13.0)	-	-	(13.0)	(1.7)%

(2) Extrabudgetary resources

-	
Total	758.6

TABLE 13.30. POST REQUIREMENTS

Programme: Public administration and finance in Africa

Professional category and above	Established posts		Temporary posts			Total
	Regular budget		Regular budget		Extrabudgetary resources	
	1986-1987	1988-1989	1986-1987	1988-1989	1986-1987	
D-1	1	-	-	-	-	1
P-5	1	-	-	-	-	1
P-4	1	-	-	-	-	1
P-3	2	-	-	-	-	2
Total	5	-	-	-	-	5
Other categories						
Local level	4	-	-	-	-	4
Total	4	-	-	-	-	4
Grand total	9	-	-	-	-	9

11. Public administration and finance in Africa

13.75 This programme attains particular importance in the 1988-1989 programme budget, especially since the United Nations Programme of Action for African Economic Recovery and Development 1986-1990 has put special emphasis on the aspects of the management of the African economy and human resources development. The subprogramme on public administration will address problems associated with the management of public enterprises, personnel training, the organization of central and local government institutions, and the management and administration of public services. Efforts would be made at strengthening institutions and at increasing the knowledge, skills and analytical capacity of key government personnel through advisory and consultative missions, training workshops and technical publications on specific issues and problems. In improving human resources development for better management, particular attention will be given to the least developed African countries.

13.76 The subprogramme on development of budgetary and taxation systems will focus principally on effective and efficient management of public financial resources by providing assistance to member States in training of their public finance officers through national training workshops on improvements in government budgetary and financial management and on reforming of taxation systems, policies and tax administration.

13.77 The two subprogrammes, their programme elements and the related output are described below:

Subprogramme 1. Public administration

(a) Resource requirements: regular budget: \$379,300 (50 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 19.32-19.35.

(c) Programme elements:

1.1 Review and analysis of policies and programmes for increasing efficiency in and productivity of public services*

Output:

(i) Reports to the Conference of Ministers responsible for human resources planning, development and utilization on: (a) the capabilities of African regional and subregional institutions of public administration and management in providing the training, research and consultancy needs urgently required by the development process (fourth quarter, 1989); and (b) the problems of public administration and management systems in Africa and measures to strengthen them (fourth quarter, 1989);

(ii) Technical publication: approaches and methods for improving the management of African public services, for managers and policy-makers (third quarter, 1988).

* Highest priority.

Operational activities: Four technical support missions to African multinational training institutions (The Eastern and Southern African Management Institute (ESAMI) and CAFRAD) on the development of programmes and operational activities.

1.2 Management of public enterprises and institutions**

Output: Technical publication: problems of public enterprise management and performance in Africa for managers of public enterprise and policy-makers (fourth quarter, 1988).

1.3 Public management in least developed African countries

Output: Reports to the Conference of Ministers of Least Developed African Countries on: (a) the establishment, effective organization and management of institutions for rural development (fourth quarter, 1988); and (b) in-service training needs for improving the management of their public services (fourth quarter, 1989).

Operational activities: Support to two national training workshops for local government institutions in least developed countries.

Subprogramme 2. Development of budgetary and taxation systems

(a) Resource requirements: regular budget: \$379,300 (50 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 19.36-19.39.

(c) Programme elements:

2.1 Improvement in budgetary and financial management in government

Output: Technical publications: (a) ways and means of improving the quality and effectiveness of public expenditure programming, for government financial management officials (third quarter, 1988); and (b) the redesigning of budgetary systems and policies for better allocation of resources, for government budget officials (fourth quarter, 1988).

Operational activities:

(i) Support to a subregional seminar for government financial management officials on improvement in expenditure programming to increase the efficiency of public investment (fourth quarter, 1989);

(ii) Support to two national training courses for government financial management officials on measures for improving government budgetary and financial management (fourth quarter, 1988; third quarter, 1989).

** Lowest priority.

2.2 Reforming of taxation systems and policies and improvement in tax administration

Output:

(i) Technical publications: (a) improvement in tax administration measures and procedures for efficient and increased tax revenue collection, for African tax administrators (first quarter, 1989); and (b) the effective process of reforming taxation systems and policies within the framework of the objectives and fiscal implications of the development plan, for African tax administrators (second quarter, 1988);

(ii) Report to the Fourth General Assembly Meeting of the Association of African Tax Administrators on improvement in tax appeals procedures and voluntary compliance (second quarter, 1988).

Operational activities: Support to two national training courses for tax administrators on reforming of taxation systems and policies and improvement in tax administration.

Resource requirements (at revised 1987 rates)

Consultants

13.78 The estimated requirements (\$21,200) under this heading reflect a \$9,100 decrease from the revalued base and relate to the following tasks:

Programme element

Description of tasks

Work-months

1.1	To prepare reports on the capabilities of subregional institutions of public administration and management in meeting the development needs of their member States ..	1.5
	To prepare country case studies on the problems of public administration and management systems in Africa and measures to strengthen them	1.5
1.2	To prepare in-depth country case-studies on major problems and issues in the management and performance of public enterprises	1.5
1.3	To prepare in-depth country case-studies in 1988 on the establishment, effective organization and management of institutions for rural development in least developed countries	1.5
	To prepare in-depth country case-studies in 1989 on in-service training needs for improving the management of public services in least developed countries	1.5

<u>Programme element</u>	<u>Description of tasks</u>	<u>Work-months</u>
2.1	To prepare case studies in 1988 on ways and means of improving the quality and effectiveness of public expenditure programming	1.5
2.2	To prepare country case-studies in 1988 on effective process of reforming taxation systems and policies within the framework of the objectives and fiscal implications of the development plan	<u>2.0</u>
	Total.	<u>11.0</u>

Other official travel of staff

13.79 The estimated requirements under this heading (\$34,900) reflect a \$3,900 decrease from the revalued base and relate to the following:

<u>Programme element</u>	<u>Description of tasks</u>	<u>\$</u>
1.1	To undertake missions to ESAMI and CAFRAD to advise on the development of their programmes and operations during 1988 and 1989	8 000
	To participate in the meeting of experts at the United Nations programme in public administration	2 000
1.3	To service two national workshops for two weeks each in 1988 and 1989	5 000
2.1	Substantive servicing of the subregional seminar on expenditure programming by two staff members for two weeks in 1989	5 000
	Substantive servicing of two national training courses by one staff member for two weeks each in 1988 and 1989	5 000
2.2	To deliver a report to the fourth General Assembly meeting of the Association of African Tax Administrators to be held in Algeria in 1989	2 500
	Substantive servicing of three national training courses by one staff member for two weeks each in 1988 and 1989 ..	<u>7 400</u>
	Total	<u>34 900</u>

12. Science and technology in Africa

TABLE 13.31. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1986-1987 appropriation	Estimated additional requirements				Total increase	1988-1989 estimates
		Revaluation of 1986-1987 resource base (at revised 1987 rates)	Re-source growth (at revised 1987 rates)	Inflation in 1988 and 1989			
Established posts	354.8	(27.6)	-	1.6	(26.0)	328.8	
Consultants	27.6	0.4	(8.4)	0.9	(7.1)	20.5	
Common staff costs	184.6	(14.4)	-	0.6	(13.8)	170.8	
Other official travel of staff	34.5	0.5	(3.5)	1.5	(1.5)	33.0	
Total	601.5	(41.1)	(11.9)	4.6	(48.4)	553.1	

Analysis of real growth (at revised 1987 rates)

(1) Total revalued 1986-1987 resource base	Resource growth				Rate of real growth over (1)
	(2) Actual	(3) Less non-recurrent items	(4) Plus delayed growth (new posts)	(5) Adjusted	
560.4	(11.9)	-	-	(11.9)	(2.1) %

(2) Extrabudgetary resources

-	
Total	553.1

TABLE 13.32. POST REQUIREMENTS

Programme: Science and technology in Africa

	Established posts		Regular budget		Temporary posts		Total
	Regular budget		1988-1989		Extrabudgetary resources		
	1986-1987	1988-1989	1986-1987	1988-1989	1986-1987	1988-1989	
Professional category and above							
P-5	1	1	-	-	-	-	1 1
P-4	1	1	-	-	-	-	1 1
P-3	2	2	-	-	-	-	2 2
Total	4	4	-	-	-	-	4 4
Other categories							
Local level	2	2	-	-	-	-	2 2
Total	2	2	-	-	-	-	2 2
Grand total	6	6	-	-	-	-	6 6

12. Science and technology in Africa

13.80 For the biennium 1988-1989, the programme addresses itself to the need to establish and strengthen mechanisms for co-ordinating science and technology activities. As there still is an acute shortage of manpower at the policy-making level in management of science and technology and in technology transfer, the programme aims at providing training to nationals to enable them to meet their needs, paying due attention to the promotion of subregional, regional and interregional co-operation in tackling these problems. Particular attention is paid to the organization of subregional working groups to promote scientific and technological activities.

13.81 The strategy for the execution of this programme comprises advisory services to member States and multinational organizations, on request, organization of the meetings of intergovernmental committees at the subregional and regional levels, reports on sectoral aspects of science and technology, workshops on technology transfer and science and technology information systems, and encouragement of regional and interregional co-operation in order to optimize the use of the limited available resources.

13.82 The three subprogrammes, their programme elements and the related output are described below:

Subprogramme 1. Development of policies, machinery and capabilities for science and technology

(a) Resource requirements: regular budget: \$226,800 (41 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 20.69-20.72.

(c) Programme elements:

1.1 Development of policies and machineries for science and technology*

Operational activities: Advisory service missions to four member States or four multinational institutions, on request, on: (a) establishing and strengthening national or subregional centres for technology; and (b) formulating policies and plans in science and technology.

1.2 Servicing of subsidiary organs of the Commission in the area of science and technology

Output:

(i) Reports to the Intergovernmental Committee of Experts on Science and Technology for Development on: (a) the activities of its five working groups (third quarter, 1988; third quarter, 1989); and (b) progress achieved in the development and diffusion of rural technologies (third quarter, 1988);

* Highest priority.

(ii) Reports to the meetings of the working groups of the Intergovernmental Committee of Experts on Science and Technology for Development on concrete project proposals for subregional development (fourth quarter, 1988; third quarter, 1989);

Substantive servicing of: (a) two meetings of the Working Groups of the Intergovernmental Committee of Experts on Science and Technology for Development (fourth quarter, 1988; third quarter, 1989); and (b) two meetings of the Intergovernmental Committee of Experts on Science and Technology for Development (fourth quarter, 1989).

1.3 Sectoral aspects of science and technology policies**

Output: Technical publications: (a) national maintenance facilities for scientific and technical equipment and measures for improving them (first quarter, 1988); and (b) popularization and application of available suitable technologies to enhance food production (third quarter, 1989).

Subprogramme 2. Development of manpower for science and technology

(a) Resource requirements: regular budget: \$88,500 (16 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 20.73-20.77.

(c) Programme elements:

2.1 Mobilization and effective utilization of local institutions and capabilities

Output: Technical publication: study of facilities in selected countries of Africa for the training of engineers in selected disciplines (fourth quarter, 1988).

Operational activities:

(i) Support to a workshop of experts from the Gisenyi-based MULPOC region on the development of capabilities for the local production of low cost school science equipment (second quarter, 1988);

(ii) Support to a training workshop on the development of capabilities in the treatment of scientific and technological information (second quarter, 1989).

Subprogramme 3. Promotion of regional and interregional co-operation

(a) Resource requirements: regular budget: \$237,800 (43 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 20.78-20.83.

** Lowest priority.

(c) Programme elements:

3.1 Strengthening technological links

Output: Technical publication: guidelines on joint ventures on the large-scale production of school science equipment at national or subregional level for national ministries of education or for secretariats of subregional groupings (third quarter, 1988).

Operational activities: Support to an interregional co-operation study tour to a selected newly industrializing country on strengthening capabilities for negotiation and acquisition of food technologies (second quarter, 1989).

Resource requirements (at revised 1987 rates)

Consultants

13.83 The estimated requirements (\$19,600) reflect a \$8,400 decrease from the revalued base. The provisions relate to the following tasks:

<u>Programme element</u>	<u>Description of tasks</u>	<u>Work-months</u>
1.3	Prepare report on national maintenance facilities for scientific and technical equipment and measures for improvement	1.0
2.1	Collect information from countries on facilities available for engineers and make recommendations	1.0
3.1	Assist in preparation of a study on guidelines for the large-scale production of school science equipment	1.0
3.2	Assist in end-of-decade review report on the progress achieved in implementation of the Vienna Programme of Action	1.0
	Total	<u>4.0</u>

Other official travel of staff

13.84 The estimated requirements (\$31,500) under this heading reflect a \$3,500 decrease from the revalued base. It provides resources for the following tasks:

<u>Programme element</u>	<u>Description of tasks</u>	<u>\$</u>
1.1	Missions to selected countries and multinational groupings to advise on establishing and strengthening centres for technology	10 000

<u>Programme element</u>	<u>Description of tasks</u>	<u>\$</u>
1.2	Servicing two working groups of the Intergovernmental Committee of Experts on Science and Technology for Development	6 000
2.1	Substantive servicing of a workshop of experts from the Gisenyi MULPOC region and a training workshop	4 500
3.1	Substantive servicing of ECA/UNESCO joint concertation meeting; attending ACC task force; attending meetings of experts organized by UNCTAD, WIPO and UNIDO	<u>11 000</u>
	Total	<u><u>31 500</u></u>

13. Social development and humanitarian affairs in Africa

TABLE 13.33. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1986-1987 appropriation	Estimated additional requirements				Total increase	1988-1989 estimates
		Revaluation of 1986-1987 base (at revised rates)	Re-source growth (at revised rates)	Inflation in 1988 and 1989			
Established posts	936.7	(31.1)	-	6.4	(24.7)	912.0	
Consultants	37.2	0.7	(11.4)	1.3	(9.4)	27.8	
Ad hoc expert groups	30.2	0.4	(17.7)	0.4	(16.9)	13.3	
Common staff costs	487.3	(16.9)	-	2.4	(14.5)	472.8	
Travel of staff to service meetings	3.1	(3.1)	-	-	(3.1)	-	
Other official travel of staff	43.8	0.6	(4.4)	1.8	(2.0)	41.8	
Total	1 538.3	(49.4)	(33.5)	12.3	(70.6)	1 467.7	

Analysis of real growth (at revised 1987 rates)

(1) Total revalued 1986-1987 resource base	Resource growth				Rate of real growth over (1)
	(2) Actual	(3) Less non-recurrent items	(4) Plus delayed growth (new posts)	(5) Adjusted	
1 488.9	(33.5)	-	-	(33.5)	(2.2)%

TABLE 13.33 (continued)

(2) Extrabudgetary resources

	1986-1987 estimated expenditures	1988-1989 estimated expenditures
(a) Services in support of:		
(i) Other United Nations organizations	-	-
(ii) Extrabudgetary programmes	196.0	188.2
Total (a)	196.0	188.2
(b) Substantive activities	-	-
Total (b)	-	-
(c) Operational projects		
United Nations Development Programme	1 482.1	1 474.5
United Nations Development Fund for Women	296.2	10.0
Bilateral sources	619.0	514.8
Total (c)	2 397.3	1 999.3
Total (a), (b) and (c)	2 593.3	2 187.5
	Total	3 655.2

TABLE 13.34. POST REQUIREMENTS

Programme: Social development and humanitarian affairs in Africa

	Established posts		Temporary posts		Total					
	Regular budget		Extrabudgetary resources							
	1986-1987	1988-1989	1986-1987	1988-1989						
	1986-1987	1988-1989	1986-1987	1988-1989	1986-1987	1988-1989	1986-1987	1988-1989	1986-1987	1988-1989
Professional category and above										
D-1	1	-	-	-	1	-	-	-	1	-
P-5	2	-	-	1	3	1	-	1	3	3
P-4	3	-	-	-	3	-	-	-	3	3
P-3	1	-	-	-	1	-	-	-	1	1
P-2/1	4	-	-	-	4	-	-	-	4	4
Total	11	11	-	1	12	1	-	1	12	12
Other categories										
Local level	8	8	-	1	9	1	-	1	9	9
Total	8	8	-	1	9	1	-	1	9	9
Grand total	19	19	-	2	21	2	-	2	21	21

13. Social development and humanitarian affairs in Africa

13.85 This programme is carried out by the Social Development, Environment and Human Settlements Division and the African Training and Research Centre for Women. For the biennium, the programme will focus on social development and increased productivity in rural Africa. This focus is in line with Africa's Priority Programme for Economic Recovery 1986-1990 (APPER), the Nairobi Forward-looking Strategies for the Advancement of Women (1985) and General Assembly resolution S-13/2 of 1 June 1986 on the United Nations Programme of Action for African Economic Recovery and Development 1986-1990.

13.86 The three subprogrammes, their programme elements and the related output are described below:

Subprogramme 1. Integrated rural development

(a) Resource requirements:

Regular budget: \$308,200 (21 per cent of programme total);

Extrabudgetary resources: \$188,200 (100 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 21.57-21.60.

(c) Programme elements:

1.1 Development of rural life and institutions

Output:

(i) Report to the sixth meeting of the Conference of African Ministers of Social Affairs on the evaluation of experiences in integrated rural development in selected African countries (first quarter, 1989);

(ii) Technical publications: (a) Modalities of popular participation in rural development in selected African countries (fourth quarter, 1988); (b) role of technology in small farmers' productivity in Africa (fourth quarter, 1989); and (c) Rural Progress (semi-annual).

1.2 Technical co-operation activities including collection and dissemination of information on integrated rural development**

Operational activities: Two advisory service missions to member States, on various aspects of integrated rural development, especially its monitoring and evaluation.

** Lowest priority.

Subprogramme 2. Youth and social welfare

(a) Resource requirements: regular budget: \$763,200 (52 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 21.61-21.64.

(c) Programme elements:

2.1 Social policies and strategies in Africa

Output: Substantive servicing of: (a) the sixth meeting of the Intergovernmental Expert Group in preparation for the sixth meeting of the Conference of African Ministers of Social Affairs (first quarter, 1989); and (b) the Sixth Meeting of the Conference of African Ministers of Social Affairs (first quarter, 1989).

2.2 Social trends, analysis and planning

Output:

(i) Report to the sixth meeting of the Conference of African Ministers of Social Affairs on a survey of social conditions, trends, and problems, particularly in the rural areas, of selected African countries affected by drought, desertification and the refugee situation (first quarter, 1989);

(ii) Technical publication: guidelines and strategies for enhancing popular participation, particularly of rural women and youth, in the development process in Africa (fourth quarter, 1989).

Operational activities: Three advisory service missions to member States, on request, on the formulation and planning of developmental social welfare policies and programmes.

2.3 Participation of youth in development

Output:

(i) Reports to the sixth meeting of the Conference of African Ministers of Social Affairs on: (a) the impact of rural youth employment programmes on rural development (first quarter, 1989); and (b) a survey of juvenile delinquency, crime and justice in the light of socio-economic conditions; policy and programme implications, in selected African countries (first quarter, 1989);

(ii) Technical publication: directory of youth organizations in African countries (third quarter, 1988).

2.4 Integration of disabled persons into socio-economic life

Output:

(i) Report to the sixth meeting of the Conference of African Ministers of Social Affairs on the causes, types and prevalence of impairment and disability in

African countries, in the light of adverse socio-economic conditions, in selected African countries (first quarter, 1989);

(ii) Technical publication: inventory of programmes, facilities and institutions for disability prevention and rehabilitation of disabled persons and associations of disabled persons in African countries (fourth quarter, 1988).

Subprogramme 3. Integration of women in development

(a) Resource requirements: regular budget: \$396,300 (27 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 21.65-21.68, as revised by A/41/6 and modified by A/41/38, para. 149.

(c) Programme elements:

3.1 Participation of women in development

Output:

(i) Reports to the Africa Regional Co-ordinating Committee for the Integration of Women in Development on the meetings of the United Nations Commission on the Status of Women, the Board of Directors of the International Research and Training Institute for the Advancement of Women and the Development Fund for Women (second quarter, 1988; second quarter, 1989);

(ii) Technical publication: guidelines for the incorporation of women's concerns in national development plans (second quarter, 1989).

3.2 Improving skills and opportunities*

Output: Technical publications: (a) access of rural women in Africa to appropriate technology (third quarter, 1989); and (b) African women's work in the informal sector (third quarter, 1989) (XB).

3.3 Establishment and strengthening of national, subregional and regional machinery for the integration of women in development

Output:

(i) Reports to the Africa Regional Co-ordinating Committee on the Integration of Women in Development on the activities of the ECA programme on the integration of women in development (second quarter, 1988; second quarter, 1989);

(ii) Report to the Fourth Regional Conference on the Integration of Women in Development on the implementation of the Arusha Strategies for the Advancement of Women in Africa (third quarter, 1989);

* Highest priority.

(iii) Substantive servicing of: (a) two meetings of the Africa Regional Co-ordinating Committee for the Integration of Women in Development (second quarter, 1988; second quarter, 1989); and (b) the Fourth Regional Conference on the Integration of Women in Development (third quarter, 1989).

Operational activities: Two advisory service missions, upon request, to member States on development planning in the context of the Arusha Strategies for the Advancement of Women in Africa and the Nairobi Forward-looking Strategies for the Advancement of Women.

3.4 Information network on women and development in Africa

Output:

(i) Reports to the ECA Conference of Ministers on changing socio-economic conditions of women in Africa in the context of the Nairobi Forward-looking Strategies for the Advancement of Women (second quarter, 1988; second quarter, 1989);

(ii) Technical publications: (a) African Training and Research Centre for Women newsletter: Update (semi-annually); and (b) manual on establishment of small-scale and medium-scale enterprises, for African women, especially in agro-industries (third quarter, 1989).

Resource requirements (at revised 1987 rates)

Consultants

13.87 The estimated requirements (\$26,500) under this heading reflect an \$11,400 decrease from the revalued base. The provisions relate to the following tasks:

<u>Programme element</u>	<u>Description of tasks</u>	<u>Work-months</u>
1.1	Prepare country studies for technical publication on modalities of popular participation in rural development .	1.5
	Prepare country study for the report on the evaluation of integrated rural development in Africa	1.5
2.2	Assist in preparation of in-depth country case-studies for the survey of social conditions, particularly in rural areas affected by the drought	1.5
	Assist in preparation of a report on guidelines and strategies for enhancing popular participation in the development process in Africa	1.0
2.3	Assist in preparation of a report on the impact of rural youth employment programmes on rural development	1.0

<u>Programme element</u>	<u>Description of tasks</u>	<u>Work-months</u>
	Assist in preparation of a report on "Survey of juvenile delinquency, crime and justice: policy and programme implications"	1.0
2.4	Assist in preparation of report on causes, types and prevalence of impairment and disability in African countries	1.5
3.4	Assist in preparation of a manual on establishment of small-scale and medium-scale enterprises for African women, especially in agro-industries	1.0
	Total	<u>10.0</u>

Ad hoc expert group meeting

13.88 The estimated requirements under this heading (\$12,900) reflect a \$17,700 decrease from the revalued base. The provision relates to the convening of a four-day regional expert group meeting on guidelines for the incorporation of women's concerns in national development plans (programme element 3.1 (i)).

Other official travel of staff

13.89 The estimated requirements of \$40,000 under this heading reflect a \$4,400 decrease from the revalued base. The provision relates to the following tasks:

<u>Programme element</u>	<u>Description of tasks</u>	<u>\$</u>
1.2	To undertake two advisory missions on various aspects of integrated rural development	6 800
2.1, 2.2, 2.3 and 2.4	To collect information related to all activities under subprogramme 2	16 000
3.1	To participate in meetings of the Commission on the Status of Women	2 000
3.2	To co-ordinate activities of United Nations institutions working in the areas of appropriate technology for rural women in Africa	3 000
3.3	To provide advisory services to member States on the implementation of the Nairobi Forward-looking Strategies for the Advancement of Women	5 000
3.4	To monitor changing socio-economic conditions of women in Africa	7 200
	Total	<u>40 000</u>

14. Statistics in Africa

TABLE 13.35. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1986-1987 appropriation	Estimated additional requirements				1988-1989 estimates
		Revaluation of 1986-1987 resource base (at revised rates)	Re-source growth (at revised rates)	Inflation in 1988 and 1989	Total increase	
Established posts	1 300.9	(64.7)	-	15.2	(49.5)	1 251.4
Common staff costs	677.5	(35.1)	-	5.7	(29.4)	648.1
Other official travel of staff	18.9	0.3	(1.9)	0.8	(0.8)	18.1
External printing and binding	18.4	0.3	16.0	1.6	17.9	36.3
Total	2 015.7	(99.2)	14.1	23.3	(61.8)	1 953.9

Analysis of real growth (at revised 1987 rates)

(1) Total revalued 1986-1987 resource base	Resource growth				Rate of real growth (5) over (1)
	(2) Actual	(3) Less non-recurrent items	(4) Plus delayed growth (new posts)	(5) Adjusted	
1 916.5	14.1	-	-	14.1	0.7%

TABLE 13.35 (continued)

(2) Extrabudgetary resources

	1986-1987 estimated expenditures	1988-1989 estimated expenditures
(a) Services in support of:		
(i) Other United Nations organizations	-	-
(ii) Extrabudgetary programmes	28.1	31.0
Total (a)	28.1	31.0
(b) Substantive activities	-	-
Total (b)	-	-
(c) Operational projects		
United Nations Development Programme	1 231.0	1 900.0
United Nations Fund for Population Activities	1 453.3	1 622.0
Total (c)	2 684.3	3 522.0
Total (a), (b) and (c)	2 712.4	3 553.0
	Total	5 506.9

TABLE 13.36. POST REQUIREMENTS

Programme: Statistics in Africa

	Established posts		Temporary posts		Total	
	Regular budget		Extrabudgetary resources			
	1986-1987	1988-1989	1986-1987	1988-1989		
	1986-1987	1988-1989	1986-1987	1988-1989	1986-1987	1988-1989
Professional category and above						
D-1	1	-	-	-	1	1
P-5	1	-	-	-	1	1
P-4	4	-	-	-	4	4
P-3	5	-	-	-	5	5
P-2/1	2	-	-	-	2	2
Total	13	13	-	-	13	13
Other categories						
Local level	19	-	-	-	19	19
Total	19	19	-	-	19	19
Grand total	32	32	-	-	32	32

14. Statistics in Africa

13.90 The activities under this programme during the biennium are expected to continue to address the lack of efficient and durable statistical systems that has seriously handicapped many African countries in the preparation, implementation and monitoring of their development plans. The problem has become even more urgent because of the African economic crisis and the data requirements of the Lagos Plan of Action and the United Nations Programme of Action for African Economic Recovery and Development.

13.91 The programme will concentrate, as in the past, mainly on technical assistance designed to develop statistical information, to strengthen and expand the training of national statistical personnel and to build up national capabilities in the production of timely basic economic statistics and national accounts, in the planning, conduct, processing and evaluation of national population and housing censuses and integrated household survey programmes and in the development and improvement of civil registration systems and vital statistics collection. Training of national statistical personnel will involve seminars and workshops designed to improve their knowledge and performance.

13.92 Efforts will also be made to develop further environment statistics and emphasis will continue to be placed on the development and maintenance of a regional information service through further development of the statistical data base. An integrated approach will be adopted in carrying out all these activities.

13.93 The three subprogrammes, their programme elements and the related output are described below:

Subprogramme 1. Statistical development

(a) Resource requirements:

Regular budget: \$410,300 (21 per cent of programme total);

Extrabudgetary resources: \$8,100 (26 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6), paras. 22.62-22.65, as revised by A/39/6 and Corr.1.

(c) Programme elements:

1.1 General aspects of co-ordination and development

Output:

(i) Reports to the fifth session of the Joint Conference of African Planners, Statisticians and Demographers on: (a) statistical activities (1986-1987) and statistical work programme (1988-1989) (first quarter, 1988); and (b) review of statistical problems and priorities in the region (first quarter, 1988);

(ii) Substantive servicing of the fifth session of the Joint Conference of African Planners, Statisticians and Demographers (first quarter, 1988);

(iii) Technical publications for government statisticians and planners: (a) Directory of African Statisticians (first quarter, 1988); (b) Bibliography of African Statistical Publications (fourth quarter, 1989); and (c) Statistical Newsletter (semi-annual).

Operational activities: Two advisory service missions to member States, on request, on statistical organization.

1.2 Statistical data base development

Output:

(i) Reports to the fifth session of the Joint Conference of African Planners, Statisticians and Demographers on: (a) the ECA statistical data base (first quarter, 1988); and (b) the survey of member States' requirements for developing statistical data bases (first quarter, 1988);

(ii) Technical publications: (a) print-outs of integrated social, demographic and economic data for government statisticians and planners (third quarter, 1988; third quarter, 1989); (b) Directory of Electronic Data Processing Centres and Experts in Africa for government statisticians and planners (first quarter, 1988); and (c) statistical computing on micro-computers for government statisticians and planners (second quarter, 1989).

Operational activities:

(i) Support to a training seminar on the use of software packages in statistical computing for French-speaking government statisticians and planners, including reports on (a) the uses of statistical software packages (second quarter, 1988) and (b) essential features of selected statistical software packages (second quarter, 1988);

(ii) Two advisory service missions to member States, on request, on the development and maintenance of national statistical data base.

1.3 Statistical Training Programme for Africa (STPA)*

Output:

(i) Report to the fifth session of the Joint Conference of African Planners, Statisticians and Demographers on the Statistical Training Programme for Africa (first quarter, 1988);

(ii) Reports to the biennial meeting of Directors of STPA centres on: (a) evaluation of the use of guide syllabuses in the teaching programmes at STPA centres and national statistical offices (first quarter, 1989); (b) review of the overall staffing of statistical offices in Africa as a result of the 10 years implementation of the Statistical Training Programme for Africa (fourth quarter, 1989); and (c) improvement of research activities at STPA training centres (first quarter, 1989);

* Highest priority.

(iii) Substantive servicing of the biennial meeting of Directors of STPA centres (fourth quarter, 1989);

(iv) Technical publications for Directors of STPA and Associate centres, government statisticians and planners on: (a) STPA News (two issues per year); (b) directory of STPA and Associate centres (second quarter, 1989); and (c) Directory of non-STPA centres (second quarter, 1989).

Operational activities:

(i) Support to the biennial seminar for trainers involved in middle-level/in-service training on review of national in-service or middle level statistical training programmes in Africa (fourth quarter, 1988);

(ii) Four advisory service missions to the centres participating in the Statistical Training Programme for Africa (STPA) encountering difficulties (XB).

Subprogramme 2. Economic statistics

(a) Resource requirements:

Regular budget: \$918,300 (47 per cent of programme total);

Extrabudgetary resources: \$15,500 (50 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 22.66-22.70, as revised by A/39/6.

(c) Programme elements:

2.1 National accounts, finance and prices

Output:

(i) Reports to the Intergovernmental Working Group on improving the basic statistics required for planning on: (a) the use of census, survey and administrative data in national accounts (third quarter, 1988); (b) towards an integrated and systematic approach to the improvement and development of basic economic statistics (third quarter, 1988); and (c) prices and price analysis in the framework of national accounts (third quarter, 1988);

(ii) Substantive servicing of an intergovernmental working group on improving the basic statistics required for planning purposes (third quarter, 1988);

(iii) Technical publications: computer print-outs for government statisticians and planners on: (a) national accounts (second quarter, 1988; fourth quarter, 1988; second quarter, 1989; fourth quarter, 1989); (b) sectoral deflators for African national accounts (fourth quarter, 1988; fourth quarter, 1989); (c) price statistics (second quarter, 1988; fourth quarter, 1988; second quarter, 1989; fourth quarter, 1989); (d) external transactions (third quarter, 1988; third quarter, 1989); (e) public sector statistics (third quarter, 1988; third quarter, 1989);

(iv) Technical publications for government statisticians and planners on:
(a) modern data-processing equipment as a tool to improve and facilitate compilation, publication and dissemination of price statistics (first quarter, 1988); and (b) study on improvement of statistics on agriculture producer prices (second quarter, 1989).

2.2 National Accounts Capability Programme

Operational activities:

(i) Two advisory service missions to member States, on request, in applying the United Nations System of National Accounts;

(ii) Four advisory service missions to member States, on request, on improving basic economic statistics as a prerequisite for further improvement and development of national accounts (XB).

2.3 International trade statistics

Output:

(i) Technical publications: computer print-outs on international trade statistics for government statisticians and planners (fourth quarter, 1988; fourth quarter, 1989);

(ii) Technical publications: Foreign Trade Statistics for Africa:
(a) series A: direction of total trade (fourth quarter, 1988; fourth quarter, 1989); and (b) series C summary tables (fourth quarter, 1988; fourth quarter, 1989);

(iii) Technical publications on: (a) the ECOWA's system of international trade statistics for government statisticians and planners (first quarter, 1988); and (b) conceptual framework of international trade statistics for government statisticians and planners (second quarter, 1989).

Operational activities:

(i) Two advisory service missions to member States, on request, on improving the coverage, timeliness and methodology of international trade statistics;

(ii) Support to a training seminar on international trade statistics for English-speaking government statisticians (fourth quarter, 1989).

2.4 Industrial statistics

Output:

(i) Reports for the Working Group on Improvement of Data on Small-scale and Household Industries on: (a) the importance of statistics on small-scale and household industries for development planning in Africa (fourth quarter, 1989); (b) conceptual framework for the development of data on small-scale and household industries (fourth quarter, 1989); (c) organization and conduct of surveys on small-scale and household industries (fourth quarter, 1989); and (d) suggested approaches to the integration of data on small-scale and household industries;

(ii) Substantive servicing of a working group on improvement of data on small-scale and household industries (fourth quarter, 1989);

(iii) Technical publications: (a) computer print-outs on general industrial statistics and commodity production in mining, manufacturing, electricity, gas and water, including energy balance sheets for government statisticians and planners (fourth quarter, 1988; fourth quarter, 1989); and (b) statistics of new and renewable sources of energy for government statisticians and planners (first quarter, 1988).

Operational activities: Four advisory service missions to member States, on request, on applying the international recommendations on industrial statistics, setting up integrated systems of industrial statistics and improving the coverage and timeliness of these data.

2.5 Other economic statistics**

Output: Technical publications: (a) African Statistical Yearbook (fourth quarter, 1988; fourth quarter, 1989); (b) African Social and Economic Indicators (fourth quarter, 1988; fourth quarter, 1989); (c) Statistical Information Bulletin for Africa (third quarter, 1988; third quarter, 1989); (d) road transport statistics for government statisticians and planners (second quarter, 1988); (e) review of statistics on youth and women in agriculture and distribution for government statisticians and planners (third quarter, 1989); (f) computer print-outs on agricultural statistics for government statisticians and planners (fourth quarter, 1988; fourth quarter, 1989); (g) computer print-outs on transport and communications statistics for government statisticians and planners (third quarter, 1988; third quarter, 1989); and (h) computer print-outs on tourism statistics for government statisticians and planners (third quarter, 1988; third quarter, 1989).

Subprogramme 3. Censuses and surveys

(a) Resource requirements:

Regular budget: \$625,300 (32 per cent of programme total);

Extrabudgetary resources: \$7,400 (24 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 22.71-22.75, as revised by A/39/6.

(c) Programme elements:

3.1 Demographic and social statistics

Output:

(i) Report to the Intergovernmental Working Group on Migration Statistics on: (a) review of data availability on internal migration statistics in Africa

** Lowest priority.

(third quarter, 1988); (b) review of data availability on international migration statistics in Africa (third quarter, 1988); and (c) problems of interlinking migration statistics from different sources (third quarter, 1988);

(ii) Substantive servicing of the Intergovernmental Working Group on Migration Statistics (fourth quarter, 1988);

(iii) Technical publications: (a) population registers in Africa and other more conventional sources of demographic statistics for government statisticians and planners (second quarter, 1989); and (b) socio-economic indicators on women, derived from household survey data and other sources for government statisticians and planners (fourth quarter, 1989).

3.2 Support to technical co-operation project in Central Africa: Union douanière et économique de l'Afrique Centrale**

Output: Technical publication: methods and problems of data processing in the 1990 round of population and housing censuses of the member States of the Customs and Economic Union of Central Africa, for government statisticians, demographers and planners (second quarter, 1988).

3.3 Regional advisory service in demographic statistics

Output:

(i) Reports to the Intergovernmental Working Group on Processing of Census, Civil Registration and Sample Survey Data on: (a) review of African practices in processing census, civil registration and sample survey data (second quarter, 1989); (b) integrated plans for data entry, editing, tabulation and analysis of data (second quarter, 1989); and (c) inventory of software packages available for statistical data processing in Africa (second quarter, 1989);

(ii) Substantive servicing of the intergovernmental working group on processing of census, civil registration and sample survey data (third quarter, 1989);

(iii) Technical publication: registration of the nomadic population for government statisticians and planners (third quarter, 1988).

Operational activities: Four advisory service missions to member States, on request, on the organization, planning and conduct of national population and housing censuses and development of civil registration systems and vital statistics collection (second quarter, 1988; fourth quarter, 1988; second quarter, 1989; fourth quarter, 1989).

** Lowest priority.

3.4 African Household Survey Capability Programme*

Output:

(i) Reports to the Intergovernmental Working Group on Household Surveys on: (a) progress report on the African household survey capability programme (second quarter, 1989); (b) income, expenditure and consumption surveys: the African experience (third quarter, 1989); and (c) labour force surveys: experiences and problems in surveys conducted in the 1980s in Africa (third quarter, 1989);

(ii) Substantive servicing of the Intergovernmental Working Group on Household Surveys (fourth quarter, 1989);

(iii) Technical publication on the experience of the African region in household survey data analysis and applications for government statisticians and planners (third quarter, 1988).

Operational activities: Two advisory service missions to member States, on request, on the preparation of survey programme documents, establishment of active survey operations and training and development of staff resources needed in establishing effective survey programmes.

3.5 Environment statistics

Output: Technical publication: computer print-outs on environment statistics for government statisticians and planners (first quarter, 1988; third quarter, 1988; first quarter, 1989; third quarter, 1989).

Operational activities:

(i) Two advisory service missions to member States, on request, on the establishment or improvement of environment statistics;

(ii) Support to: (a) the workshop for English-speaking countries on environment statistics (second quarter, 1988); and (b) the workshop for French-speaking countries on environment statistics (second quarter, 1989).

Resource requirements (at revised 1987 rates)

Other official travel of staff

13.94 The estimated requirements under this heading (\$17,300) reflect a \$1,900 decrease from the revalued base. They relate to the following tasks:

<u>Subprogramme</u>	<u>Description of tasks</u>	<u>\$</u>
1	Advisory missions for statistical development under programme elements 1.1 and 1.2	9 000

* Highest priority.

<u>Subprogramme</u>	<u>Description of tasks</u>	<u>\$</u>
2	Advisory missions for economic statistics under programme elements 2.3 and 2.4	6 000
3	Advisory missions for censuses and surveys under programme element 3.5	<u>2 300</u>
	Total	<u><u>17 300</u></u>

External printing and binding

13.95 The estimated requirements (\$34,700) under this heading reflect a \$16,000 increase over the revalued base and relate to publications of External trade statistics (programme element 2.3) and Other economic statistics (programme element 2.5).

15. Transport, communications and tourism in Africa

TABLE 13.37. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1986-1987 appropriation	Estimated additional requirements				Total increase	1988-1989 estimates
		Revaluation of 1986-1987 base (at revised rates)	Resource growth (at revised rates)	Re-source growth (at revised rates)	Inflation in 1988 and 1989		
Established posts	1 216.1	(95.1)	-	5.6	(89.5)	1 126.6	
Consultants	38.6	0.6	(11.8)	1.3	(9.9)	28.7	
Common staff costs	633.5	(50.9)	-	2.1	(48.8)	584.7	
Travel of staff to service meetings	65.7	0.9	(6.7)	2.7	(3.1)	62.6	
Other official travel of staff	46.9	0.7	(4.8)	2.0	(2.1)	44.8	
Total	2 000.8	(143.8)	(23.3)	13.7	(153.4)	1 847.4	

Analysis of real growth (at revised 1987 rates)

(1) Total revalued 1986-1987 resource base	Resource growth				Rate of real growth over (1)
	(2) Actual	(3) Less non-recurrent items	(4) Plus delayed growth (new posts)	(5) Adjusted	
1 857.0	(23.3)	-	-	(23.3)	(1.2)%

TABLE 13.37 (continued)

(2) Extrabudgetary resources

	1986-1987 estimated expenditures	1988-1989 estimated expenditures
(a) Services in support of:		
(i) Other United Nations organizations	-	-
(ii) Extrabudgetary programmes	-	-
Total (a)	-	-
(b) Substantive activities	-	-
Total (b)	-	-
(c) Operational projects		
United Nations Development Programme	2 180.0	2 883.0
Bilateral sources	192.2	192.2
Total (c)	2 372.2	3 075.2
Total (a), (b) and (c)	2 372.2	3 075.2
Total		4 922.6

TABLE 13.38. POST REQUIREMENTS

Programme: Transport, communications and tourism

	Established posts		Temporary posts		Total
	Regular budget		Extrabudgetary resources		
	1986-1987	1988-1989	1986-1987	1988-1989	
Professional category and above					
D-1	1	-	-	-	1
P-5	2	-	-	-	2
P-4	7	-	-	-	7
P-3	3	-	-	-	3
Total	13	13	-	-	13
Other categories					
Local level	7	7	-	-	7
Total	7	7	-	-	7
Grand total	20	20	-	-	20

15. Transport, communications and tourism in Africa

13.96 The activities in the field of transport and communications are derived from the Programme for the United Nations Transport and Communications Decade in Africa, 1978-1988, as approved by the member States and endorsed by the General Assembly.

13.97 The main thrust of the outputs under this programme during the 1988-1989 biennium is to assist the member States in implementing some of their main objectives, namely: (a) harmonizing national regulations and eliminating physical and non-physical barriers with the aim of facilitating the international movement of persons and goods in the region; (b) stimulating the use of local human resources by developing appropriate approaches for designing and executing programmes for manpower development and training for transport and communications; (c) promoting coherent planning for developing an African industry in support of transport and communications; and (d) mobilizing resources for implementation of the programme for the United Nations Transport and Communications Decade in Africa.

13.98 The activities in the tourism sector of this programme will deal mainly with upgrading of hotel management and development of tourism statistics for use in Africa.

13.99 The six subprogrammes, their programme elements and the related output are described below:

Subprogramme 1. General and multimodal transport

(a) Resource requirements: regular budget: \$406,400 (22 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 24.55-24.59, as revised by A/39/6 and A/41/6.

(c) Programme elements:

1.1 Technical co-operation with countries and intergovernmental organizations in the field of general and multimodal transport

Operational activities:

(i) Two advisory service missions to member States, on request, in the field of general and multimodal transport;

(ii) Two support missions, on request, to meetings of intergovernmental organizations concerned with general and multimodal transport.

1.2 Overall management and co-ordination of activities related to the implementation of the second phase of the United Nations Transport and Communications Decade in Africa

Output: Report to the ECA Conference of Ministers on the implementation of resolutions of the fifth conference of ministers (first quarter, 1988).

1.3 Sixth meeting of the Conference of African Ministers of Transport Communications and Planning

Output: Substantive servicing of the sixth meeting of the Conference of African Ministers of Transport Communications and Planning (second quarter, 1988).

1.4 Manpower and training for the transport sector

Output: Technical publication: guidelines for design and implementation of manpower development policies and programmes for general and multimodal transport (third quarter, 1989).

1.5 Seminar on promotion of containerization and containerized transport in Africa**

Operational activities: Support to the seminar for senior transport officials, including preparation of reports on: (a) efficient utilization of containers; (b) promotion of containerization and containerized transport in Africa; and (c) identification of ways and means for promoting container traffic in Africa.

1.6 Facilitation of international traffic in Africa in general and multimodal transport*

Output:

(i) Report to an intergovernmental meeting of experts on an African regional convention on facilitation of international traffic among the African countries (third quarter, 1988);

(ii) Substantive servicing of an intergovernmental meeting of experts on preparation of an African regional convention on facilitation of international traffic in African regional countries (third quarter, 1988).

Operational activities: Support to a seminar for transport officials on application of measures for facilitation of international traffic.

1.7 Promotion of an African industry in the field of transport equipment

Output: Report to subregional meetings of African Ministers of Planning (MULPOC meetings) on existing policies, plans and projects designed to foster the development of the industrial component of transport projects in Africa (first quarter, 1989).

** Lowest priority.

* Highest priority.

Subprogramme 2. Maritime transport, inland water transport and ports

(a) Resource requirements: regular budget: \$480,300 (26 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 24.49-24.54, as revised by A/41/6.

(c) Programme elements:

2.1 Technical co-operation with countries and intergovernmental organizations in the field of maritime transport

Operational activities:

(i) Two advisory service missions to countries and intergovernmental organizations, on request, in the field of maritime transport;

(ii) Two support missions to meetings of intergovernmental organizations, on request, in the field of maritime transport.

2.2 Facilitation of international maritime traffic

Output: Technical publication: evaluation and harmonization of maritime services, practices, regulations and policies in African countries, including guidelines for facilitation of international maritime traffic in Africa, for senior maritime transport officials (second quarter, 1989).

2.3 Manpower and training for maritime transport

Output: Technical publication: guidelines on design and implementation of manpower development policies and programmes for maritime transport in Africa, for senior shipping officials (second quarter, 1989).

2.4 Promotion of an African industry in the field of equipment for ships

Output: Reports to the meetings of MULPOC Councils of Ministers on: (a) review of existing policies, plans and projects designed to foster the development of the industrial component of the shipping sector in Africa (first quarter, 1989); and (b) identification of existing industrial establishment and ship-yards in the region with potential to grow into major national or multinational centres for manufacture of ship components or ship repair (first quarter, 1989).

2.5 Technical co-operation with countries and intergovernmental organizations in the field of ports

Operational activities:

(i) Two advisory service missions to countries and intergovernmental organizations, on request, in the field of ports;

(ii) Two technical support missions to meetings of intergovernmental organizations, on request, in the field of ports.

2.6 Facilitation of international traffic in the field of ports*

Output: Technical publication: evaluation and harmonization of port services, practices, regulations and policies in African countries, including guidelines for facilitation of international traffic in the field of ports in Africa, for senior port officials (fourth quarter, 1989).

2.7 Manpower and training for port operations

Output: Technical publication: guidelines on design and implementation of manpower development, policies and programmes for port operations in Africa, for port senior officials (second quarter, 1989).

Operational activities: Support to a regional seminar for senior port officials on port organization and management (third quarter, 1988).

2.8 Promotion of African industry in the field of cargo handling equipment for ports

Output: Reports to the meetings of MULPOC Councils of Ministers on:
(a) review of existing policies, plans and projects in African States to promote the manufacture and repair of port equipment (first quarter, 1989); and
(b) identification of existing industrial establishments and workshops in Africa with potential to grow into major national or multinational centres for manufacture and repair of port equipment (first quarter, 1989).

2.9 Facilitation of international traffic in the field of inland water transport**

Output: Technical publication: evaluation and harmonization of inland water transport services, practices, regulations and policies in Africa, including guidelines for facilitation of international traffic on inland waterways, for senior inland water transport officials (second quarter, 1988).

2.10 Manpower and training for inland water transport

Output: Technical publication: guidelines on design and implementation of manpower development policies and programmes for inland water transport in Africa (second quarter, 1989).

Subprogramme 3. Land transport

(a) Resource requirements: regular budget: \$332,500 (18 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 24.55-24.59, as revised by A/39/6 and A/41/6.

* Highest priority.

** Lowest priority.

(c) Programme elements:

3.1 Technical support for the Trans-African Highway Authorities

Output: Report to a combined meeting of the Trans-African Highway Authorities on feasibility of establishing and/or strengthening the operational institutional instruments for development of the Trans-African Highways (fourth quarter, 1988).

3.2 Facilitation of international traffic in the field of road transport

Output: Technical publication: evaluation and harmonization of international road transport practices, regulations and policies in Africa, including guidelines for facilitation of international road traffic, for senior road transport officials (fourth quarter, 1988).

3.3 Manpower and training for roads and road transport

Output: Technical publication: guidelines for design and implementation of manpower development policies and programmes for roads and road transport, taking into account increased participation of women, for senior officials responsible for roads and road transport (second quarter, 1989).

3.4 Promotion of an African industry in support of roads and road transport

Output: Reports to the combined meeting of the Trans-African Highway Authorities on: (a) review of existing policies, plans and projects in Africa designed to promote the manufacture of equipment, or parts thereof, for road transport (fourth quarter, 1988); and (b) identification of existing industrial establishments and workshops in the region, with potential to grow into major national or multinational centres for manufacture of equipment, or parts thereof, for roads and road transport (third quarter, 1989).

3.5 Technical co-operation with countries and intergovernmental organizations in the field of railways

Operational activities: Six advisory service missions, on request, in the field of railways (XB).

3.6 Promotion of "door-to-door" commercial techniques in railway transport services

Output: Technical publication: commercial aspects for development and management of the "door-to-door" techniques in railway transport services, for senior railway officials and managers (fourth quarter, 1989) (XB).

3.7 Costing and pricing of railway transport services

Output: Technical publication: pricing and rate setting methods for rail freight traffic for senior railway officials and managers (fourth quarter, 1988) (XB).

3.8 Facilitation of international traffic in the field of railways*

Output: Technical publication: evaluation and harmonization of railway transport services, practices, regulations and policies in Africa, including guidelines for facilitation of international railway traffic, for senior railway officials (second quarter, 1988).

3.9 Manpower and training for African railways

Output: Technical publication: guidelines for design and implementation of manpower development policies and programmes, taking into account increased participation of women, for senior railway officials in Africa (second quarter, 1989).

3.10 Promotion of an African industry in support of railways

Output: Reports to the meeting of the MULPOC Councils of Ministers on: (a) review of existing policies, plans and projects in Africa designed to promote the railway rolling-stock industry (first quarter, 1988); and (b) identification of existing industrial establishments and railway workshops in the region, with potential to grow into major national or multinational centres for development of railway rolling-stock industry (first quarter, 1989).

Subprogramme 4. Air transport

(a) Resource requirements: regular budget: \$166,300 (9 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 24.60-24.63, as revised by A/41/6.

(c) Programme elements:

4.1 Technical co-operation in the field of air transport*

Operational activities:

(i) Two advisory service missions to member States and intergovernmental organizations, on request, in the field of air transport;

(ii) Four technical support missions, on request, to meetings of the African Civil Aviation Commission (AFCAC), the African Airlines Association (AFRAA) and the International Civil Aviation Organization (ICAO).

4.2 Facilitation of international traffic in the field of air transport

Output:

(i) Report to the sixth meeting of the Conference of African Ministers of Transport, Communications and Planning on activities for the development of air services in Africa (first quarter, 1988);

* Highest priority.

(ii) Technical publication: harmonization of African air transport; operations practices, regulations and policies, including guidelines for facilitation of international traffic in air transport as well as freedoms of the air in Africa, for airline managers and directors of civil aviation (second quarter, 1988).

4.3 Manpower and training for air transport

Output: Technical publication: guidelines, design and implementation of manpower development policies and programmes in the field of air transport in Africa, for senior officials of civil aviation authority (second quarter, 1989).

4.4 Promotion of an African industry in support of air transport

Output: Technical publication: review of existing policies, plans and projects in Africa designed to promote the manufacture and maintenance of equipment, or parts thereof, for aircrafts and airports (second quarter, 1988).

Subprogramme 5. Tourism

(a) Resource requirements: regular budget: \$166,300 (9 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 24.64-24.67.

(c) Programme elements:

5.1 Technical co-operation in the field of tourism

Operational activities:

(i) Two advisory service missions to member States, on request, in the field of tourism;

(ii) Two technical support missions to meetings organized by the World Tourism Organization and ILO.

5.2 Seminar on tourism statistics**

Operational activities: Support to the seminars on tourism statistics in Africa for French-speaking senior officers of national administrations of tourism (fourth quarter, 1988) and for English-speaking senior officers of national administrations of tourism (fourth quarter, 1988).

** Lowest priority.

5.3 Seminar on hotel management development in Africa

Operational activities: Support to seminars on hotel management for senior staff of hotel management corporations/companies and senior officers of national administrations of tourism in French-speaking and English-speaking countries on ways and means to improve instruments for development of hotel management in Africa with consideration for means to increase the participation of women in hotel management activities (second quarter, 1988).

5.4 Second meeting of the Conference of African Ministers of Tourism

Output:

(i) Reports to the second meeting of the Conference of African Ministers of Tourism on: (a) promotion and development of tourism in Africa (fourth quarter, 1988); and (b) the seminars on hotel management and statistics for tourism in Africa (fourth quarter, 1989);

(ii) Substantive servicing of the second meeting of the Conference of African Ministers of Tourism (fourth quarter, 1989).

Subprogramme 6. Communications

(a) Resource requirements: regular budget: \$295,600 (16 per cent of programme total).

(b) Reference: medium-term plan 1984-1989 (A/37/6 and Corr.1), paras. 24.68-24.73, as revised by A/39/6 and A/41/6.

(c) Programme elements:

6.1 Technical support for the continuing implementation of the PAN African Telecommunications (PANAFTEL) Network

Output: Reports to the Annual Regional Telecommunications Conference (ARTC/PANAFTEL) of the Eastern and Southern African countries on the activities undertaken for the development of the PANAFTEL Network (fourth quarter, 1988; fourth quarter, 1989).

6.2 Regional African Satellite Communication System

Output: Report to the Conference of African Ministers of Transport, Communications and Planning on the progress of the implementation of the feasibility study of the Regional African Satellite Communication System project (first quarter, 1988).

6.3 Establishment of a rural telecommunications pilot project

6.4 Policies and measures for the improvement of postal services

Output:

(i) Report to the Permanent Contact Committee of Postal Administrations and Airlines on measures to be taken for facilitation of mail transport by air (first quarter, 1989);

(ii) Technical publications: (a) organization and evaluation of existing mail and parcel routing networks in Africa for policy-makers in postal administrations (third quarter, 1988); and (b) guidelines for monitoring performance of mail and parcel routing networks in Africa for policy-makers in postal administrations (fourth quarter, 1989).

6.5 Promotion of an African industry in support of telecommunication development

Output: Report to the Council of MULPOC Ministers on the review of existing policies, plans and projects in Africa designed to promote the manufacture of telecommunications equipment (first quarter, 1989).

Resource requirements (at revised 1987 rates)

Consultants

13.100 The estimated requirements (\$27,400) reflect an \$11,800 decrease from the revalued base. The provisions relate to the following tasks:

<u>Programme element</u>	<u>Description of tasks</u>	<u>Work-months</u>
1.5	Prepare first draft of report on introduction and upgrading of containerized transport and efficient utilization of containers	1.0
1.6	Prepare report on application of measures for facilitation of international traffic	1.0
2.3	Prepare draft technical report on guidelines and design and implementation of manpower policies and programmes for maritime transport in Africa	1.0
2.7	Draft of technical report on manpower policies and programmes for port operations in Africa	1.0
2.10	Draft of technical report on manpower development policies and programmes for inland water transport in Africa	1.0
3.1	Draft of report on strengthening the operational institutional instruments for development of the Trans-African Highway	1.0
3.10	Draft of report on existing industrial establishment and railways workshop in the region and their growth potential	1.0
4.2	Draft of report on development of air services	1.0
5.2	Prepare report on methodology for tourism statistics collection and presentation for African countries	1.0
5.3	Prepare report on forward planning in financial management for hotels in Africa	<u>1.0</u>
	Total	<u>10.0</u>

Travel of staff to service meetings

13.101 The estimated requirements (\$59,900) reflect a \$6,700 decrease from the revalued base. They relate to the meetings of African intergovernmental and non-governmental organizations dealing with maritime transport, port management, railways, civil aviation, telecommunications, postal services and tourism.

Other official travel of staff

13.102 The estimated requirements of \$42,800 reflect a \$4,800 decrease from the revalued base. The provisions relate to the following tasks:

<u>Programme element</u>	<u>Description of tasks</u>	<u>\$</u>
1.1	Field missions for advisory services and technical support in the field of general and multimodal transport	3 000
1.4	Travel to UNCTAD and ILO at Geneva, to collect information and discuss joint undertakings	2 000
1.5	Travel of staff to Tanzania or Kenya to discuss with authorities the hosting arrangement for a seminar	1 000
1.6	Collection of information on international traffic and multimodal transport from selected African countries	2 500
1.7	Collection of information from selected African countries related to the industrial components of transport projects ..	2 500
2.1	Missions to discuss with national maritime authorities and intergovernmental organizations matters related to activities under this programme element	2 800
	Mission to African countries to discuss problems of harmonization of maritime services and collect information .	2 000
2.4	Missions to selected countries to discuss problems and programmes of ship repair, maintenance and building	2 500
2.5	Discuss with authorities of selected African countries problems related to ports	2 500
2.6	Discuss with authorities of selected African countries problems of facilitation and harmonization of port services	2 000
2.8	Discuss with authorities matters relating to programmes and policies for manufacturing cargo handling equipment	2 000
2.9	Discuss with authorities problems relating to international traffic on inland waterways	2 000

<u>Programme element</u>	<u>Description of tasks</u>	<u>\$</u>
3.1	Discuss with authorities institutional requirements for trans-continental highway development	2 000
3.2	Collect information and consult with authorities matters relating to promotion of traffic facilitation for road transport	2 500
3.10	Collect information from subregional intergovernmental organizations on existing industrial establishments and railways workshops	2 000
4.1	Technical support and advisory services in the field of air transport	2 500
5.1	Advisory services to member States and technical support to meetings organized by the World Tourism Organization and ILO	3 500
5.4	Travel connected with preparation of second meeting of the Conference of African Ministers of Tourism	1 000
6.4	Missions to member States for collection of information and consultation with postal officials	<u>2 500</u>
	Total	<u><u>42 800</u></u>

D. Programme support

1. Conference services

TABLE 13.39. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1986-1987 appropriation	Estimated additional requirements				1988-1989 estimates
		Revaluation of 1986-1987 resource base (at revised 1987 rates)	Re-source growth (at revised 1987 rates)	Inflation in 1988 and 1989	Total increase	
Established posts	2 240.0	(173.6)	-	41.6	(132.0)	2 108.0
Temporary assistance for meetings	370.4	(61.0)	-	14.0	(47.0)	323.4
General temporary assistance	24.1	(24.1)	-	-	(24.1)	-
Consultants	17.6	(17.6)	-	-	(17.6)	-
Common staff costs	1 166.8	(93.0)	-	15.6	(77.4)	1 089.4
Travel of staff to service meetings	207.7	(6.5)	(20.1)	8.2	(18.4)	189.3
Contracts services	18.7	(18.7)	-	-	(18.7)	-
General operating expenses	7.2	(7.2)	-	-	(7.2)	-
Communications	1.8	(1.8)	-	-	(1.8)	-
Supplies and materials	24.3	(1.5)	-	1.0	(0.5)	23.8
Total	4 078.6	(405.0)	(20.1)	80.4	(344.7)	3 733.9

Analysis of real growth (at revised 1987 rates)

(1) Total revalued 1986-1987 resource base	Resource growth				Rate of real growth (5) over (1)
	(2) Actual	(3) Less non-recurrent items	(4) Plus delayed growth (new posts)	(5) Adjusted	
3 673.6	(20.1)	-	-	(20.1)	(0.5)%

TABLE 13.39 (continued)

(2) Extrabudgetary resources

	1986-1987 estimated expenditures	1988-1989 estimated expenditures
(a) Services in support of:		
(i) Other United Nations organizations	-	-
(ii) Extrabudgetary programmes	261.4	67.8
Total (a)	261.4	67.8
(b) Substantive activities	-	-
Total (b)	-	-
(c) Operational projects	-	-
Total (c)	-	-
Total (a), (b) and (c)	261.4	67.8
	Total	3 801.7

TABLE 13.40. POST REQUIREMENTS

Programme: Conference services

	Established posts		Temporary posts				Total		
	Regular budget		Regular budget		Extrabudgetary resources				
	1986-1987	1988-1989	1986-1987	1988-1989	1986-1987	1988-1989		1986-1987	1988-1989
Professional category and above									
P-5	1	1	-	-	-	-	1	1	1
P-4	3	3	-	-	-	-	3	3	3
P-3	12	12	-	-	1	1	13	13	13
P-2/1	2	2	-	-	-	-	2	2	2
Total	18	18	-	-	1	1	19	19	19
Other categories									
Local level	52	52	-	-	5	5	57	57	57
Total	52	52	-	-	5	5	57	57	57
Grand total	70	70	-	-	6	6	76	76	76

D. Programme support

1. Conference services

13.103 The functions under this heading, which are carried out by the Division of Administration and Conference Services, include:

Subprogramme 1. Meeting services

(a) Resource requirements: regular budget: \$224,000 (6 per cent of programme total).

(b) Reference: This subprogramme does not fall within the programme structure of the medium-term plan.

(c) Programme elements:

1.1 Management of conference servicing

Output:

(i) Supervision and co-ordination of the arrangements and preparation of meetings and provision of all conference facilities (12 meetings quarterly);

(ii) Preparation of the annual calendar of meetings and its quarterly revisions (8 issues over the biennium);

(iii) Negotiating with host Governments on the facilities required for hosting the Commission's meetings (6 agreements over the biennium);

(iv) Distribution of documents to member States for meetings (16 meetings quarterly).

1.2 Allocation and servicing of meeting rooms

Output:

(i) Providing in-session services to participants and officials of the meetings (12 quarterly);

(ii) Providing necessary information to delegates concerning ongoing meetings (50 quarterly).

Subprogramme 2. Documentation services

(a) Resource requirements: regular budget: \$224,000 (6 per cent of programme total).

(b) Reference: This subprogramme does not fall within the programme structure of the medium-term plan.

(c) Programme elements:

2.1 Co-ordination of documents

Output: Reception, registration and distribution of drafts for processing in various sub-units (4,600).

2.2 Typing services, composition, reproduction, printing and publication

Output:

(i) Typing and proof-reading services in Arabic, English and French (8,100 documents);

(ii) Supervision of the reproduction and the distribution of all secretariat documents (8,100).

Subprogramme 3. Translation services

(a) Resource requirements:

Regular budget: \$3,285,900 (88 per cent of programme total);

Extrabudgetary resources: \$67,800 (100 per cent of programme total).

(b) Reference: This subprogramme does not fall within the programme structure of the medium-term plan.

(c) Programme elements:

3.1 Supervision and co-ordination of translation services

Output:

(i) Supervision and co-ordination of the overall linguistic referencing, translation and revision functions (7,880 pages);

(ii) Provision of technical advice to, and answering queries from the linguistic referencing, translation and revision staff (3,250 pages).

3.2 Linguistic referencing

No final output. Activity includes (a) referencing terminology and substance-wise, all materials received for translation; (b) answering queries from and performing ad hoc research for translators and revisers; (c) keeping up-to-date a comprehensive collection of specialized dictionaries, glossaries, terminology bulletins and other basic terminological materials; and (d) keeping up-to-date an index card system and a general reference file/collection relating to the various activities of the United Nations, its specialized agencies and the Economic Commission for Africa.

3.3 Translation and revision

Output:

(i) Translation into one or more of the working languages of the Commission of all pre-, in- and post-session documentation for and from all meetings organized and/or serviced by the Commission (8,920 pages each year);

(ii) Translation, into one or more of the working languages of the Commission of all outgoing and incoming correspondence as required (96 letters, 45 notes verbales, 80 memoranda);

(iii) Translation, into one or more of the working languages of the Commission of publications included in the official publications programme of the Commission as well as non-meeting reports and papers (450 pages of publication);

(iv) Translation, into one of the two secretariat's working languages, of all internal correspondence (42 memoranda, 80 circulars, 35 instructions, etc).

Resource requirements (at revised 1987 rates)

Temporary assistance for meetings

13.104 The estimated requirements under this heading (\$309,400) is maintained at the revalued resource level. They are intended to recruit freelance interpreters and translators to service meetings.

Travel of staff to service meetings

13.105 The estimated requirements of \$181,100 reflect a \$20,100 decrease from the revalued base. They are intended for travel of staff to service meetings away from Addis Ababa estimated to be 25.

Supplies and materials

13.106 The estimated requirements of \$22,800 under this heading are maintained at the revalued base level and relate mainly to consumable materials in meeting rooms, note pads, pencils, etc.

2. Management of technical co-operation activities

TABLE 13.41. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1986-1987 appropriation	Estimated additional requirements				1988-1989 estimates
		Revaluation of 1986-1987 resource base (at revised 1987 rates)	Re-growth (at revised 1987 rates)	Inflation in 1988 and 1989	Total increase	
Established posts	501.3	(39.1)	-	1.6	(37.5)	463.8
Common staff costs	260.7	(20.5)	-	0.6	(19.9)	240.8
Travel of staff to service meetings	36.2	0.5	(3.7)	1.6	(1.6)	34.6
Total	798.2	(59.1)	(3.7)	3.8	(59.0)	739.2

Analysis of real growth (at revised 1987 rates)

(1) Total revalued 1986-1987 resource base	Resource growth				Rate of real growth (5) over (1)
	(2) Actual	(3) Less non-recurrent items	(4) Plus delayed growth (new posts)	(5) Adjusted	
739.1	(3.7)	-	(8.4)	(12.1)	(1.6)%

TABLE 13.41 (continued)

(2) Extrabudgetary resources

	1986-1987 estimated expenditures	1988-1989 estimated expenditures
(a) Services in support of:		
(i) Other United Nations organizations	-	-
(ii) Extrabudgetary programmes	213.5	207.0
Total (a)	213.5	207.0
(b) Substantive activities	-	-
Total (b)	-	-
(c) Operational projects	-	-
Total (c)	-	-
Total (a), (b) and (c)	213.5	207.0
	Total	946.2

TABLE 13.42. POST REQUIREMENTS

Programme: Management of technical co-operation activities

	Established posts		Temporary posts		Total
	Regular budget		Extrabudgetary resources		
	1986-1987	1988-1989	1986-1987	1988-1989	
Professional category and above					
D-1	1	-	-	-	1
P-5	1	-	-	-	1
P-4	1	-	1	-	2
P-3	1	-	-	-	1
P-2/1	2	-	-	-	2
Total	6	6	1	1	7
Other categories					
Local level	2	-	1	1	3
Total	2	2	1	1	3
Grand total	8	8	2	2	10

2. Management of technical co-operation activities

13.107 This programme is carried out by the Technical Assistance Co-ordination and Operations Office, which is based in the Cabinet Office of the Executive Secretary. It covers the overall co-ordination of the management of extrabudgetary resources made available to the Commission as an executing agency or associated executing agency by the United Nations system and bilateral and multilateral funding sources for the implementation of projects. It deals also with the mobilization of financial resources through negotiations with donors and the organization of the pledging conferences of African plenipotentiaries and financial institutions.

13.108 The two subprogrammes, their programme elements and the related output are described below:

Subprogramme 1. Mobilization of financial resources for technical co-operation programmes

(a) Resource requirements:

Regular budget: \$591,400 (80 per cent of programme total);

Extrabudgetary resources: \$103,500 (50 per cent of programme total).

(b) Reference: This subprogramme does not fall within the programme structure of the medium-term plan.

(c) Programme elements:

1.1 Negotiations with bilateral donors

No final output. The activity includes negotiating agreements with bilateral funding sources.

1.2 Negotiations with multilateral donors

Service: negotiation of 20 project documents per year.

1.3 United Nations Trust Fund for African Development Pledging Conference**

Output:

(i) Reports to the ECA Conference of Ministers on: (a) mobilization of resources required for the biennium 1990-1991 (second quarter, 1989); and (b) progress made on the implementation of programmes and projects funded by the United Nations Trust Fund for African Development during the biennium 1986-1987 (second quarter, 1989);

(ii) Substantive servicing of the Pledging Conference for the United Nations Trust Fund for African Development (second quarter, 1989).

** Lowest priority.

Service: management and monitoring of 20 projects financed under the Trust Fund (XB).

Subprogramme 2. Management and co-ordination of technical co-operation programmes

(a) Resource requirements:

Regular budget: \$147,800 (20 per cent of programme total);

Extrabudgetary resources: \$103,500 (50 per cent of programme total).

(b) Reference: This subprogramme does not fall within the programme structure of the medium-term plan.

(c) Programme elements:

2.1 Formulation of regional, subregional and multisectoral projects*

Output: Review of submissions on regional, subregional and multisectoral projects in terms of the needs of donors, and the policies of the Commission (20 projects per year).

2.2 Monitoring and evaluation of technical co-operation activities

Output:

(i) Review and submission of 60 semi-annual periodic reports to United Nations system funding institutions and bilateral donors (30 per year) (XB);

(ii) Tripartite review reports to funding services on the implementation of regional, subregional and multisectoral projects (9 per year) (XB);

(iii) Submission of 48 regional advisers' mission reports to member States and funding agencies (24 reports per year);

(iv) Financial control and maintenance of records on expenditure (10 semi-annual project expenditure reports per year);

(v) Monitoring of technical co-operation projects and follow-up of regional advisory activities under Section 24 of the United Nations regular budget (10 United Nations regular programme advisers, 1 ECA/UNIDO industrial adviser, 4 ECA/FAO forest industries advisory group for Africa, 3 population advisers and 6 census advisers);

(vi) Evaluation of 20 projects and programmes implemented under the extrabudgetary resources (10 per year).

* Highest priority.

Resource requirements (at revised 1987 rates)

Travel of staff to service meetings

13.109 The estimated requirements of \$33,000 under this heading reflect a \$3,700 decrease from the revalued base and relate to the following tasks:

<u>Programme element</u>	<u>Description of tasks</u>	<u>\$</u>
1.1	Attend meetings with bilateral donor institutions in the United States of America, Canada and Belgium	14 000
1.2	Attend UNDP Governing Council meeting and meetings with officials at UNDP, UNFPA and UNIFEM	10 000
2.2	Consultation at United Nations agencies' headquarters on project implementation and evaluation	<u>9 000</u>
	Total	<u>33 000</u>

3. Administration and common services

TABLE 13.43. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1986-1987 appropriation	Estimated additional requirements				Total increase	1988-1989 estimates
		Revaluation of 1986-1987 resource base (at revised 1987 rates)	Re-source growth (at revised 1987 rates)	Inflation in 1988 and 1989			
Established posts	5 682.9	(442.5)	-	172.0	(270.5)	5 412.4	
General temporary assistance	513.3	7.6	-	23.6	31.2	544.5	
Overtime	100.1	1.5	-	4.6	6.1	106.2	
Common staff costs	2 963.5	(245.3)	-	64.5	(180.8)	2 782.7	
Other official travel of staff	13.9	0.2	(1.4)	0.4	(0.8)	13.1	
Rental and maintenance of premises	440.1	6.5	-	20.3	26.8	466.9	
Utilities	328.4	4.9	176.8	23.2	204.9	533.3	
Rental and maintenance of equipment	454.8	6.7	-	20.9	27.6	482.4	
Communications	912.5	13.5	-	42.1	55.6	968.1	
Hospitality	11.4	0.2	-	0.6	0.8	12.2	
Miscellaneous services	304.1	4.5	-	14.0	18.5	322.6	
Supplies and materials	1 189.4	17.6	-	54.9	72.5	1 261.9	
Furniture and equipment	231.4	3.4	-	10.6	14.0	245.4	
Total	13 145.8	(621.2)	175.4	451.7	5.9	13 151.7	

Analysis of real growth (at revised 1987 rates)

(1) Total revalued 1986-1987 resource base	Resource growth				Rate of real growth (5) over (1)
	(2) Actual	(3) Less non-recurrent items	(4) Plus delayed growth (new posts)	(5) Adjusted	
12 524.6	175.4	-	-	175.4	1.4%

TABLE 13.43 (continued)

(2) Extrabudgetary resources

	1986-1987 estimated expenditures	1988-1989 estimated expenditures
(a) Services in support of:		
(i) Other United Nations organizations	-	-
(ii) Extrabudgetary programmes	1 604.8	1 065.0
Total (a)	1 604.8	1 065.0
(b) Substantive activities	-	-
Total (b)	-	-
(c) Operational projects	-	-
Total (c)	-	-
Total (a), (b) and (c)	1 604.8	1 065.0
	Total	14 216.7

TABLE 13.44. POST REQUIREMENTS

Programme: Administration and common services

	Established posts		Regular budget		Temporary posts		Extrabudgetary resources		Total
	1986-1987		1988-1989		1986-1987		1988-1989		
	1986-1987	1988-1989	1986-1987	1988-1989	1986-1987	1988-1989	1986-1987	1988-1989	
Professional category and above									
D-1	1	1	-	-	-	-	-	-	1
P-5	4	4	-	-	-	-	-	-	4
P-4	6	6	-	-	2	2	2	2	8
P-3	7	7	-	-	-	-	-	-	7
P-2/1	6	6	-	-	-	-	-	-	6
Total	24	24	-	-	2	2	2	2	26
Other categories									
Local level	215	215	-	-	19	19	19	19	234
Total	215	215	-	-	19	19	19	19	234
Grand total	239	239	-	-	21	21	21	21	260

3. Administration and common services

13.110 The functions carried out by the Division of Administration and Conference Services under this programme include: Management of Administrative and Financial Services; Electronic Data Processing; Financial Accounting and Reporting Activities; Personnel Services; General Services; Library Services; Medical Services; Security Services and Building Management Services; and in the biennium 1988-1989 its emphasis will be put on improving the services for career development of staff and maintenance of Africa Hall buildings. The nine subprogrammes designed for implementation during the biennium 1988-1989 are described below:

Subprogramme 1. Management of administrative and financial services

(a) Resource requirements: regular budget: \$1,446,700 (11 per cent of programme total).

(b) Reference: This subprogramme does not fall within the programme structure of the medium-term plan.

(c) Programme elements:

1.1 Overall direction and guidance to administrative services*

1.2 Protocol and staff welfare services

Services:

(i) Consultations and negotiations with host country on matters regarding staff privileges and immunities, security and general administrative issues (22 meetings);

(ii) Discussions with Staff Council, Joint Staff Committee on matters of mutual interest for staff welfare (30 meetings).

1.3 Co-ordination of budget preparation*

Services:

(i) Issuance of policy directives and guidelines to programme managers for 1990-1991 budget preparation and provision of support services in their preparation of the budget;

(ii) Review of 19 programme budget submissions by programme managers;

(iii) Preparation of 10 administrative project budget documents and collection of financial data for the preparation of the 1990-1991 budget as an ongoing regular operation;

(iv) Analysis, costing and follow-up of legislative financial decisions by the General Assembly, the Economic and Social Council and the ECA Conference of Ministers.

* Highest priority.

1.4 Management of financial activities*

Services:

- (i) Annual appointments of 20 certifying officers and 10 alternate certifying officers on behalf of the Executive Secretary and follow-up on their actions;
- (ii) Preparation and issuance of 48 sub-allotment advices together with staffing table authorization to programme managers;
- (iii) Monthly review and monitoring of expenditure trends by programme and providing guidance to programme managers in terms of the management sub-allotments;
- (iv) Preparation of two ECA programme budget performance reports for 1988-1989;
- (v) Supervision of preparation of 390 cost plans for travel, consultancy, furniture and equipment, supplies and materials and review of expenditure;
- (vi) Participation in 50 contract and bidding committee meetings to ensure proper implementation of financial rules and regulations and follow-up actions;
- (vii) Verification and certification of 30,000 expenditure documents against regular and overhead budgets.

1.5 Management and maintenance of United Nations Security Plan for Ethiopia

1.6 Co-ordination of administrative, budgetary and financial matters

No final output. Activity includes servicing of the Advisory Committee on Administrative and Budgetary Matters in the biennium 1988-1989 (30 meetings).

Subprogramme 2. Electronic data-processing services

(a) Resource requirements: regular budget: \$1,841,200 (14 per cent of programme total).

(b) Reference: This subprogramme does not fall within the programme structure of the medium-term plan.

(c) Programme elements:

2.1 Management of electronic data-processing services

Services:

- (i) Design and development of two new applications (stock and payroll);
- (ii) Development of 14 operating systems, data bases and applications software and their maintenance and provision of programming support services to ECA substantive decisions;

* Highest priority.

(iii) Provision of 14 in-house training courses, in various fields of data-processing activities for staff of the secretariat;

(iv) Scheduling and monitoring the maintenance of the hardware for the smooth functioning of the system (25 times per year);

(v) Provision of data entry services (101,300 records per year).

Subprogramme 3. Financial accounting and reporting activities

(a) Resource requirements:

Regular budget: \$1,841,200 (14 per cent of programme total);

Extrabudgetary resources: \$532,500 (50 per cent of programme total).

(b) Reference: This subprogramme does not fall within the programme structure of the medium-term plan.

(c) Programme elements:

3.1 Management of receipt and disbursement operations

Services:

(i) Supervision of daily processing and approval of expenditure documents (payments vouchers 23,000, travel authorizations 5,000, purchase orders 15,000, special service agreements 1,500, miscellaneous obligating documents (MODs) 500, receipt vouchers 2,200 and cheques processed 35,000);

(ii) Supervision of monthly processing of computer inputs for payroll (processing of 192 replenishment vouchers for field offices, 2,200 inter-office vouchers);

(iii) Reviewing and collection of local accounts receivable: 1,230 staff members accounts receivable (ARL); 45 inter-agency accounts and 70 miscellaneous accounts;

(iv) Maintenance and control of cash flow and investments, bank reconciliation statements.

3.2 Accounting operations

Services:

(i) Supervision of daily electronic data processing of inputs;

(ii) General administrative supervision on the preparation, production and maintenance of general ledger, subsidiary ledger, allotment accounts and trial balance;

(iii) Annual compilation of final ECA accounts and preparation of periodic financial reports to donors (50).

Subprogramme 4. Personnel services

(a) Resource requirements:

Regular budget: \$3,287,900 (25 per cent of programme total);

Extrabudgetary resources: \$532,500 (50 per cent of programme total).

(b) Reference: This subprogramme does not fall within the programme structure of the medium-term plan.

(c) Programme elements:

4.1 Personnel administration**

Services:

(i) Staff services: supervision of preparation of 1,000 travel authorizations and 2,000 personnel action forms; processing 1,000 PERS, fact sheets and rebuttals; administering of 600 education grant claims; 1,400 salary increments, 250 pension fund, medical insurance and life insurance, 450 medical claims, 1,300 dependency status reviews, 140 installation grants, 150 clearance actions, 1,500 overtime actions, 2,000 leave requests, 450 salary advances, plus a number of disciplinary cases and cost-of-living surveys;

(ii) Housing: search and housing of 50 new staff members, plus 20 exchanges of residence, 200 repairs per year, negotiations with Ethiopian housing authorities;

(iii) Personnel records: management of keeping and updating all personnel and confidential files of all ECA staff members plus consultants and candidates. Supervising of processing all files into microfiche.

4.2 Recruitment and career development unit

Services:

(i) Recruitment of staff: Professional 60; General Service 50; project personnel 25; consultants 80; interpreters/translators 150;

(ii) Serve as secretariat to Appointment and Promotion Committee (20 meetings): Appointment and Promotion Panel (20 meetings);

(iii) Processing of job descriptions for: Professionals (60), General Service (80), project personnel (25);

(iv) Provide career development counselling to approximately 500 staff members.

** Lowest priority.

4.3 Examination and training

Services:

- (i) Arrangements for external studies (15 staff members);
- (ii) Organization of language classes as well as 16 English and French shorthand classes; and drafting courses in English and French; and administrative and professional examinations;
- (iii) Organization of eight training courses on management and administration.

Subprogramme 5. General services

(a) Resource requirements: regular budget: \$1,446,800 (11 per cent of programme total).

(b) Reference: This subprogramme does not fall within the programme structure of the medium-term plan.

(c) Programme elements:

5.1 Procurement, inventory control and stores

Services:

- (i) Procurement of supplies and equipment (600 purchase orders annually);
- (ii) Maintenance of inventory of supplies and equipment and their replenishment (1,000 stock cards and 2,000 inventory cards, maintained annually);
- (iii) Verification and clearance of vendors' invoices for payment (600 invoices annually);
- (iv) Processing of issue requisition items and incoming goods in replenishment (13,000 requisition items annually);
- (v) Issuance of gate passes for equipment outgoing for external use or repair (300 gate passes annually);
- (vi) Contacts with various office equipment maintenance firms for repair works within the house (900 contacts annually);
- (vii) Verification of invoices submitted for equipment repair work done (130 invoices annually);
- (viii) Preparation of Receiving and Inspection reports for expendable and non-expendable items received (600 reports annually);
- (ix) Maintenance and compilation of vendors' cards and price lists (900 entries annually).

5.2 Shipping and customs

Services:

- (i) Clearance and forwarding of shipments of imported and exported properties belonging to the secretariat and personal effects of staff members (750 annually);
- (ii) Insurance and filing of claims in case of loss or damage to properties (130 claims annually);
- (iii) Verification and clearance of invoices for payment (100 invoices annually);
- (iv) Processing of monthly customs declarations for duty-free purchases for staff and the Organization (1,100 declarations annually).

5.3 Travel formalities and local transportation**

Output:

- (i) Processing of travel requests and authorizations (PT8) (2,000 PT8s annually);
- (ii) Verification and clearance of airline invoices for payment (2,000 invoices annually);
- (iii) Discussions and negotiations with officials of the Government on issuance of visas, ID cards, entry and exit permits to staff members and other official visitors as follows: (3,800 visas annually; 120 ID cards annually; 2,750 entry/exit permits annually);
- (iv) Control and maintenance of 45 official vehicles;
- (v) Assistance to staff members-vehicle registration, vehicle inspection, acquisition and renewal of local driving licenses, transfer of vehicle ownerships (1,060 cases annually);
- (vi) Verification of official vehicle maintenance invoices (100 invoices annually);
- (vii) Procurement of motor vehicle fuel ration coupons for staff (1,200 coupons annually);
- (viii) Securing entry visas from resident embassies for staff, families, visiting officials and conference participants (1,800 annually);
- (ix) Meeting and seeing off visiting officials, and delegates (6,500 individuals annually).

** Lowest priority.

5.4 Management of central registry services

Services:

(i) Management of the receipt, referral, recording, filing, distribution, and control of incoming and outgoing personal and official mail: (360,000 pieces of incoming mail annually; 70,000 pieces of outgoing mail annually; 190,000 outgoing pouch items annually; 150,000 incoming pouch items annually);

(ii) Management and control of the use of postage stamps for outgoing mail (Birr 30,000 annually);

(iii) Processing and verifying of pouch transportation invoices prior to payment (1,800 invoices annually).

Subprogramme 6. Library services

(a) Resource requirements: regular budget: \$920,600 (7 per cent of programme total).

(b) Reference: This subprogramme does not fall within the programme structure of the medium-term plan.

(c) Programme elements:

6.1 Acquisition services

Services:

(i) Selection and purchase of 2,000 monographs titles and newly published reference works in the field of economic and social development with special reference to Africa and developing areas;

(ii) Selection and subscription to 650 professional journals, periodicals and newspapers in the field of economic and social development with special reference to Africa and the developing areas;

(iii) Acquisition through gifts and exchange agreements of 10,000 titles from various African, international and regional organizations, banks, universities, professional institutions and learned societies;

(iv) Acquisition of 11,000 government publication titles of interest to ECA from various government ministries and departments of member countries and non-member countries of the Commission;

(v) Purchase of and subscription to 2,500 titles of monographs and periodicals on behalf of the MULPOC offices and other ECA regional institutions such as the Regional Institute for Population Studies at Accra, and the Institut de formation et de recherche démographiques at Yaoundé.

6.2 Technical services

Services:

(i) Preparation of descriptive cataloguing slips for newly received monographs, government and United Nations publications as well as serial publications including periodicals, following the Anglo-American Cataloguing Rules (25,000 to 6,250 slips every quarter);

(ii) Cataloguing and classifying, using the Universal Decimal Classification and the Library of Congress subject headings of newly received titles of publications (25,000 to 6,250 every quarter);

(iii) Technical publications: (a) New Acquisitions in the ECA Library (bimonthly publication - two every quarter); (b) Africa Index: selected articles on socio-economic development (quarterly publication - three issues annually); (c) IBRD country Reports (semi-annual publication - two issues annually); and (d) Development Plans Received in the ECA Library (annual publication - once a year);

(iv) Revision of catalogue card stencils for newly catalogued publications on stencil catalogue cards and filing these cards in the Public Card Catalogue Cabinets (100,000 to 25,000 every quarter).

6.3 Readers' services

Services:

(i) Provide library reference and loan services to library users who visit the ECA library premises annually (30,000 to 7,500 every quarter);

(ii) Maintenance of loan files of library users (1,700 to 425 every quarter).

Subprogramme 7. Medical services /

(a) Resource requirements: regular budget: \$920,600 (7 per cent of programme total).

(b) Reference: This subprogramme does not fall within the programme structure of the medium-term plan.

(c) Programme elements:

7.1 Medical examination for classification and investigation

Services:

(i) Medical examination of staff as required by staff regulation, and members of their family (350 entry, 570 extension of contracts, 800 periodic, 175 exit);

(ii) Supervision of laboratory investigations (123,000), X-ray (900), EKG (1,200), Sonography (900) and skin allergy tests (100).

7.2 Medical examination for treatment and prophylaxis**

Services:

(i) Supervision of 9 consultants on medical examination for treatment and prophylaxis of patients: 24,500 general practitioners, 2,100 cardiological, 16,000 pediatrics, 4,000 gynaecological and obstetrical, 4,500 ophthalmology, 7,100 dental, 800 internal medicine, 370 psychiatry, 2,100 E.N.T. and 500 orthopedic;

(ii) 200 Supervision of small surgery, 4,000 internal vaccinations, 6,000 injections and dressings.

Subprogramme 8. Security and safety services

(a) Resource requirements: regular budget: \$526,100 (4 per cent of programme total).

(b) Reference: This subprogramme does not fall within the programme structure of the medium-term plan.

(c) Programme elements:

8.1 Management of security and safety services

Subprogramme 9. Building management

(a) Resource requirements: regular budget: \$920,600 (7 per cent of programme total).

(b) Reference: This subprogramme does not fall within the programme structure of the medium-term plan.

(c) Programme elements:

9.1 Architectural, engineering and general maintenance works

Services:

(i) Supervision and follow-up of the preparation of plans, specifications, bill of quantities and contract documents for modification, alteration, minor and major maintenance;

(ii) Review of space allocation plans and allocation of rooms to staff members.

** Lowest priority.

9.2 Mechanical, electrical and other installations*

Services:

- (i) Air conditioning, heating, cooling and ventilation installations;
- (ii) Electrical installations, including lighting systems and generators;
- (iii) Plumbing installations, including the pumping room equipment, water reservoir, waste treatment plant and the drainage systems;
- (iv) Lift installations: 8 passenger lifts, 3 freight lifts and 3 dumb-waiters;
- (v) Telephone installations - approximately 700 extensions and 106 direct lines;
- (vi) ECA cafeteria equipment;
- (vii) Simultaneous interpretation system, including the earphones, microphones and the amplifiers of the Plenary Hall and the Committee Rooms.

Resource requirements (at revised 1987 rates)

General temporary assistance

13.111 The estimated requirements under this heading (\$520,900) are maintained at the revalued base level. The provisions relate to temporary replacement of staff on extended sick leave or maternity leave, and the engagement of additional staff during peak work-load periods.

Overtime

13.112 The estimated requirements under this heading (\$101,600) are maintained at the revalued base level. The provisions relate to overtime for security services (\$25,000) and for peak work-load periods associated with the holding of meetings which average 40 meetings per year (\$76,600).

Other official travel of staff

13.113 The estimated requirements under this heading (\$12,700) reflect a decrease of \$1,400 from the revalued base. They relate to the following tasks:

* Highest priority.

<u>Programme element</u>	<u>Description of tasks</u>	<u>\$</u>
1.2	Two missions to New York to discuss matters relating to staff welfare and management with the Office of Human Resources Management	5 000
1.3	One mission to New York to discuss financial and administrative matters	2 700
1.4	Two missions to New York to discuss matters relating to performance reports and other financial management issues ..	<u>5 000</u>
	Total	<u><u>12 700</u></u>

Rental and maintenance of premises

13.114 The requirements under this heading (\$446,600), which are maintained at the revalued base level, are based on present expenditure trends.

Utilities

13.115 The estimated requirements under this heading (\$510,100) reflect an increase of \$176,800 over the revalued base, which is attributable to the higher cost of kilowatt consumption imposed by the host Government as of April 1986.

Rental and maintenance of equipment

13.116 The estimated requirements under this heading (\$461,500) are maintained at the revalued base level.

Communications

13.117 The estimated requirements under this heading (\$926,000) relate to the costs of cablegrams, long-distance calls, postage and pouches. They are maintained at their revalued base level.

Hospitality

13.118 An amount of \$11,600 is being requested under this heading to cover the cost of hospitality. The provision is maintained at the revalued base level.

Miscellaneous services

13.119 The estimated requirements under this heading (\$308,600) are maintained at the revalued base level and cover the cost of freight, general insurance and other miscellaneous services.

Supplies and materials

13.120 The estimated requirements under this heading (\$1,207,000) are maintained at the revalued base level. They are to provide for stationery (\$181,000), office supplies (\$531,000) and supplies related to document reproduction (\$495,000) for the ECA secretariat as a whole.

Furniture and equipment

13.121 The estimated requirements under this heading (\$234,800) are maintained at the revalued base level. They are to provide for replacement of vehicles (\$20,000), reproduction equipment (\$100,000), office furniture (\$50,000) and office equipment (\$64,800) in 1988-1989.

4. Construction Planning Unit

TABLE 13.45. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1986-1987 appropriation	Estimated additional requirements				Total increase	1988-1989 estimates
		Revaluation of 1986-1987 resource base (at revised rates)	Re-source growth (at revised rates)	Inflation in 1988 and 1989			
Temporary posts	200.6	(15.6)	-	1.6	(14.0)	186.6	
Common staff costs	104.3	(8.1)	-	0.6	(7.5)	96.8	
Other official travel of staff	7.5	0.1	(0.8)	0.3	(0.4)	7.1	
Total	312.4	(23.6)	(0.8)	2.5	(21.9)	290.5	

Analysis of real growth (at revised 1987 rates)

(1) Total revalued 1986-1987 resource base	Resource growth				Rate of real growth over (1)
	(2) Actual	(3) Less non-recurrent items	(4) Plus delayed growth (new posts)	(5) Adjusted	
288.8	(0.8)	-	-	(0.8)	(0.2) %

(2) Extrabudgetary resources

	-
Total	290.5

TABLE 13.46. POST REQUIREMENTS

Programme: Construction Planning Unit

	Established posts		Temporary posts				
	Regular budget		Regular budget		Extrabudgetary resources		
	1986-1987	1988-1989	1986-1987	1988-1989	1986-1987	1988-1989	
Professional category and above							Total
P-5	-	-	1	1	-	-	1
P-3	-	-	1	1	-	-	1
Total	-	-	2	2	-	-	2
Other categories							
Local level	-	-	2	2	-	-	2
Total	-	-	2	2	-	-	2
Grand total	-	-	4	4	-	-	4

4. Construction Planning Unit

13.122 The Construction Planning Unit, established in 1985 within the Division of Administration and Conference Services of ECA, is responsible for the day-to-day management and development of the construction projects relating to conference facilities of the Commission at Addis Ababa.

Resource requirements (at revised 1987 rates)

Other official travel of staff

13.123 An amount of \$6,800 is required for the technical officer and finance officer to undertake discussions with, and present progress reports to, Headquarters on the project.