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## Sixtieth session

### Proposed programme budget for the biennium 2006-2007\*

#### Part XI Capital expenditures

#### Section 32 Construction, alteration, improvement and major maintenance

## Contents

	<i>Page</i>
A. Overview . . . . .	2
B. Alteration, improvement and major maintenance programmes. . . . .	6
1. Headquarters . . . . .	6
2. United Nations Office at Geneva. . . . .	7
3. United Nations Office at Vienna . . . . .	7
4. United Nations Office at Nairobi . . . . .	8
5. Economic and Social Commission for Asia and the Pacific . . . . .	8
6. Economic and Social Commission for Latin America and the Caribbean . . . . .	9
7. Economic Commission for Africa . . . . .	10
C. United Nations enterprise network . . . . .	10

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\* A summary of the approved programme budget will subsequently be issued as *Official Records of the General Assembly, Sixtieth Session, Supplement No. 6 (A/60/6/Add.1)*.

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## A. Overview

- 32.1 The present section contains resources related to capital expenditure projects, namely, alterations and improvements to and major maintenance of the principal properties of the United Nations worldwide, including modernization of existing buildings and technical installations. Capital expenditure resources are requested centrally under this section in order to ensure a coordinated and systematic approach to facilities management, major maintenance and construction. The staff and related costs for administration and management of the activities proposed in this section are included under the respective main sections of the proposed programme budget for the biennium 2006-2007 for headquarters and regional commissions.
- 32.2 The projects contained under the section relate to subprogramme 4, Support services, of programme 24, Management and central support services, of the biennial programme plan for the period 2006-2007.<sup>1</sup> The overall objectives of the subprogramme are to provide effective and efficient planning, management, maintenance and operation for all existing physical facilities of the Organization; to provide electronic communication expertise for meeting facilities; and to provide common support for other mandated activities of the Organization. Expected accomplishments and indicators of achievement specifically related to the management of construction projects are included within the logical framework of the Office of Central Support Services and the administrative services at Geneva, Vienna and Nairobi and the regional commissions, as appropriate.
- 32.3 At Headquarters the projects proposed under this section are under the responsibility of the Office of Central Support Services and the Department of Public Information, respectively. The administrative services at Geneva, Vienna and Nairobi and the regional commissions are responsible within their respective spheres for the implementation of their projects under this section and the administration of related resources. The projects relating to the safety and security of United Nations premises in all main locations proposed in this section will be implemented in close coordination with the Department of Safety and Security.
- 32.4 In line with General Assembly resolution 52/220, the Office of Central Support Services will exercise its coordinating role in providing integrated and coordinated management policy and guidelines to locations outside of Headquarters in implementation of these projects.
- 32.5 Major maintenance requirements vary with the age of the building concerned, type of construction, climate and adequacy of regular maintenance programmes. Properties owned by the United Nations at Headquarters are over 50 years old, requiring more active intervention to prevent structural, functional and technical obsolescence. Further, modifications and alterations to the buildings have become necessary to accommodate the specialized requirements of new technologies in communications, office automation and information management. For example, the application of energy-saving technologies to existing buildings requires significant architectural and engineering modifications. Similarly, new safety and environmental standards require the renovation of existing buildings to meet modern standards in such areas as fire safety, access for the disabled, interior air quality, asbestos abatement and safe handling of dangerous or toxic materials.
- 32.6 Historically however, the management and maintenance of the facilities owned by the Organization have suffered from low levels of funding for programmes of preventive maintenance and repair. After a number of deferments, the cumulative effect leads to breakdowns, and inevitably a portion of the necessarily reduced budget allocation has to be redeployed from routine maintenance to unforeseen building repair emergencies. In addition, owing to the nature of capital improvement

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<sup>1</sup> *Official Records of the General Assembly, Fifty-ninth Session, Supplement No. 6 (A/59/6/Rev.1).*

projects, a number of which require long lead times or summer timetables, it sometimes proves difficult to complete approved alteration and improvement projects during the biennium in which appropriations are granted. This results in the further deferral of those projects to future bienniums.

- 32.7 In order to remedy the situation with regard to the physical condition of facilities at Headquarters, the General Assembly, in section II of its resolution 57/292, approved a capital master plan and authorized the Secretary-General to proceed with the design phases of the project. Pending the implementation of the capital master plan and decisions yet to be taken by the General Assembly on the financing of the project, the resources under the section reflect the continuation in the biennium 2006-2007 of the regular alterations, improvements and major maintenance projects. The delays experienced in the implementation of the capital master plan, however, have made it unsustainable to defer further the implementation of the fire code compliance project, which was postponed to the implementation of the capital master plan and was intended to meet minimum fire safety requirements, through the installation of smoke detectors and fan shut-down systems throughout the Headquarters complex. Resources are therefore proposed for the implementation of this project in the biennium 2006-2007 to ensure the safety of staff, delegates and visitors to United Nations Headquarters in line with the established codes.
- 32.8 The total provision under the section amounts to \$68,992,400, reflecting a decrease of \$35,574,200, or 34 per cent, compared with the revised appropriation for the biennium 2004-2005. The decrease reflects the deletion of a one-time provision of \$49,833,300 approved by the General Assembly in its resolutions 58/295 and 59/276 for the strengthening of the security and safety of the United Nations premises. The decrease is partly offset by a proposed growth of \$8,017,500 for the second phase of implementation of security-related construction projects at the United Nations Office at Geneva, approved in section XI of resolution 59/276, and a net additional growth of \$6,241,600 under other projects, principally relating to upgrading the Organization's technological network infrastructure.
- 32.9 A number of the projects included in this section for the biennium 2006-2007 were approved previously by the General Assembly but (a) had to be deferred owing to resource limitations or to the need to undertake other unforeseen emergency projects, or (b) are a continuation of previously approved multi-year projects. Table 32.3 categorizes the alteration and improvement and major maintenance projects proposed in this section as multi-year phased projects, recurrent projects, projects deferred from prior periods or new projects. The proposals for the biennium 2006-2007 therefore represent (a) a continuing phase of a catch-up programme, which is expected to continue into succeeding bienniums, and (b) those projects considered the most essential for ensuring the reliable and efficient operation of facilities and related infrastructures in support of substantive programmes.
- 32.10 In line with General Assembly resolutions 57/304 and 58/270, and the objectives set out by the Secretary-General in his reports A/57/387 and Corr.1 and A/57/620, on strengthening the United Nations and on the information and communication technology (ICT) strategy, respectively, in reviewing resource allocation for the activities proposed in this section, priority has been accorded to measures to facilitate the implementation of the ICT strategy and the pursuit of its goals as a fundamental factor in the Secretary-General's ongoing reform process. These activities are an essential part of the work to be carried out for the implementation of the ICT strategy of the Organization. Special emphasis has been given to the upgrading of the United Nations enterprise network infrastructure at regional headquarters and regional commissions so as to put them on par with the infrastructure level already implemented at Headquarters, standardize the system and support existing and future applications requiring real-time connectivity across the Organization. An investment of \$7,724,900 is proposed for that purpose, which would be funded centrally through a specifically designated account. The project implementation will be overseen and

coordinated by the Office of Central Support Services to facilitate system-wide acquisition of equipment and services and ensure a unified approach and application of standards for its implementation in all main locations. Details on this project are provided in paragraph 32.34 below. In total, a provision of \$21,650,800 for upgrading and improving technological and communication infrastructures at all main locations is included in this section, compared with a provision in the amount of \$14,359,000 allocated for investment in technology in the biennium 2004-2005.

32.11 The estimated percentage distribution of resources under this section would be as shown in table 32.1.

Table 32.1 **Percentage distribution of resources by component**

<i>Component</i>	<i>Regular budget</i>	<i>Extrabudgetary</i>
A. Alterations and improvements	62.0	—
B. Major maintenance	26.8	—
C. United Nations enterprise network	11.2	—
<b>Total</b>	<b>100.0</b>	<b>—</b>

Table 32.2 **Resource requirements by component**

(Thousands of United States dollars)

*Regular budget*

<i>Component</i>	<i>2002-2003 expenditure</i>	<i>2004-2005 appropriation</i>	<i>Resource growth</i>		<i>Total before recosting</i>	<i>Recosting</i>	<i>2006-2007 estimate</i>
			<i>Amount</i>	<i>Percentage</i>			
A. Alterations and improvements							
1. Headquarters	40 577.8	33 799.0	(14 858.2)	(44.0)	18 940.8	958.9	19 899.7
2. Geneva	24 298.4	32 888.2	(18 791.3)	(57.1)	14 096.9	311.9	14 408.8
3. Vienna	1 486.4	1 828.4	—	—	1 828.4	62.7	1 891.1
4. Nairobi	1 141.7	7 919.4	(5 614.8)	(70.9)	2 304.6	274.7	2 579.3
5. ESCAP	1 005.4	2 675.0	(800.8)	(29.9)	1 874.2	73.8	1 948.0
6. ECLAC	1 780.7	2 670.1	(1 034.5)	(38.7)	1 635.6	99.6	1 735.2
7. ECA	2 246.6	4 883.2	(2 786.0)	(57.1)	2 097.2	147.4	2 244.6
<b>Subtotal</b>	<b>72 537.0</b>	<b>86 663.3</b>	<b>(43 885.6)</b>	<b>(50.6)</b>	<b>42 777.7</b>	<b>1 929.0</b>	<b>44 706.7</b>
B. Major maintenance							
1. Headquarters	8 059.3	9 084.9	(833.6)	(9.2)	8 251.3	417.8	8 669.1
2. Geneva	2 771.8	4 394.3	703.8	16.0	5 098.1	112.8	5 210.9
3. Vienna	598.4	776.7	—	—	776.7	26.7	803.4
4. Nairobi	1 398.8	1 443.3	—	—	1 443.3	169.7	1 613.0
5. ESCAP	2 018.2	1 320.7	(10.7)	(0.8)	1 310.0	47.1	1 357.1
6. ECLAC	404.2	333.4	182.0	54.6	515.4	31.4	546.8
7. ECA	905.5	550.0	545.0	99.1	1 095.0	76.9	1 171.9
<b>Subtotal</b>	<b>16 156.2</b>	<b>17 903.3</b>	<b>586.5</b>	<b>3.3</b>	<b>18 489.8</b>	<b>882.4</b>	<b>19 372.2</b>
C. United Nations enterprise network	—	—	7 724.9	—	7 724.9	391.0	8 115.9
<b>Total</b>	<b>88 693.1</b>	<b>104 566.6</b>	<b>(35 574.2)</b>	<b>(34.0)</b>	<b>68 992.4</b>	<b>3 202.4</b>	<b>72 194.8</b>

Table 32.3 Status of projects proposed for the biennium 2006-2007 by programme

(Thousands of United States dollars)

	Headquarters	United Nations Office at Geneva	United Nations Office at Vienna	United Nations Office at Nairobi	ESCAP	ECLAC	ECA	Global requirement
<b>A. Alterations/improvements</b>								
Projects deferred from prior period(s)	—	—	—	300.0	—	—	25.0	—
Multi-year phased projects	8 520.5	10 662.4	1 828.4	250.0	592.6	1 145.5	250.0	—
Recurrent projects	1 450.0	417.7	—	—	197.0	52.5	50.0	—
New projects for 2006-2007	8 970.3	3 016.8	—	1 754.6	1 084.6	437.6	1 772.2	—
<b>Total A</b>	<b>18 940.8</b>	<b>14 096.9</b>	<b>1 828.4</b>	<b>2 304.6</b>	<b>1 874.2</b>	<b>1 635.6</b>	<b>2 097.2</b>	<b>—</b>
<b>B. Major maintenance</b>								
Projects deferred from prior period(s)	—	—	—	—	120.0	30.0	—	—
Multi-year phased projects	—	1 657.5	—	—	452.0	48.4	—	—
Recurrent projects	7 582.5	1 287.4	776.7	1 443.3	130.0	100.0	335.0	—
New projects for 2006-2007	668.8	2 153.2	—	—	608.0	337.0	760.0	—
<b>Total B</b>	<b>8 251.3</b>	<b>5 098.1</b>	<b>776.7</b>	<b>1 443.3</b>	<b>1 310.0</b>	<b>515.4</b>	<b>1 095.0</b>	<b>—</b>
<b>C. United Nations enterprise network</b>								
	—	—	—	—	—	—	—	7 724.9
<b>Total C</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>7 724.9</b>
<b>Grand total (A, B and C)</b>	<b>27 192.1</b>	<b>19 195.0</b>	<b>2 605.1</b>	<b>3 747.9</b>	<b>3 184.2</b>	<b>2 151.0</b>	<b>3 192.2</b>	<b>7 724.9</b>

32.12 The above proposals should be seen in the context of the estimated value (excluding land) of United Nations-owned buildings, which is as follows:

- Headquarters: \$722,358,600 (replacement value of the Headquarters complex, based on the market-value assessment);
- Geneva: \$742,124,000 (estimated value, based on a valuation made in 2003);
- Vienna: \$1,300,000,000 (estimated value); the Vienna International Centre is the property of the Government of Austria;
- Nairobi: \$62,316,600 (estimated value of the Gigiri complex);
- Economic and Social Commission for Asia and the Pacific (ESCAP): \$83,125,000 (estimated value of the ESCAP complex);
- Economic Commission for Latin America and the Caribbean (ECLAC): \$34,900,000 (estimated value of the ECLAC complex);
- Economic Commission for Africa (ECA): \$180,930,138 (estimated value of the ECA complex).

## B. Alteration, improvement and major maintenance Programmes

### 1. Headquarters

*Resource requirements (before recosting): \$27,192,100*

- 32.13 The total provision of \$27,192,100 for Headquarters consists of \$18,940,800 for alteration and improvement and \$8,251,300 for major maintenance projects. This reflects a net decrease of \$15,691,800, or 36.6 per cent, compared with the revised appropriation for the biennium 2004-2005. The decrease relates to the deletion of a one-time provision of \$15,944,800 covering the strengthening of the security and safety of the United Nations premises approved by the General Assembly in its resolution 58/295 and the transfer of a provision of \$982,900 from this section to section 2, General Assembly and Economic and Social Council affairs and conference management, relating to the leasing cost of on-demand printing equipment required by the Department for General Assembly and Conference Management. It is partly offset by proposed net additional requirements of \$1,235,900 under other projects. Within the total provision of \$27,192,100, an amount of \$13,090,800 relates to technological improvements and upgrades in technological infrastructure in the Office of Central Support Services (\$11,970,300) and the Department of Public Information (\$1,120,500), as compared with an amount of \$11,580,600 allocated for the same purpose in the biennium 2004-2005. This reflects the priority attached by the Secretary-General to the technological upgrade of business processes at the Secretariat in line with the information and communication technology strategy. The provision of \$11,970,300 foreseen for the Office of Central Support Services would cover the requirements for upgrading existing operational systems within the Headquarters complex, such as the local area network (LAN), the storage area network (SAN) and Internet infrastructure. The provision of \$1,120,500 would be required by the Department of Public Information to continue migrating its technological facilities from analog to digital systems.
- 32.14 Based on a review of the most pressing requirements for maintaining the physical condition of the premises and providing a safe working environment for staff and delegations, priority has been given to the implementation of alteration and improvement projects. This is reflected in the realignment of resources from major maintenance projects (\$833,600) to partly cover the requirements for implementing the fire code compliance project referred to in paragraph 32.7 and additional investments in the information technology infrastructure.
- 32.15 The provision for alterations and improvements, amounting to \$18,940,800, may be summarized as follows:
- |  |               |
|--|---------------|
| (a) Improvement of facilities and general infrastructure:  | \$2,850,000;  |
| (b) Improvement of security and safety of the premises:  | \$3,000,000;  |
| (c) Improvements to the information and communication technology infrastructures, including LAN, SAN and Internet items: | \$11,970,300; |
| (d) Public information technology digitization (2006-2007 phase):  | \$1,120,500.  |
- 32.16 A provision of \$8,251,300, reflecting a decrease of \$833,600, is proposed for major maintenance of the Headquarters premises. This would cover maintenance activities in the areas of general maintenance of facilities, heating, ventilation, air conditioning, structural and architectural maintenance, gardening and other urgent maintenance activities to ensure reliable and efficient operation of the facilities and the safety and health of delegates, staff and visitors.

## 2. United Nations Office at Geneva

### *Resource requirements (before recosting): \$19,195,000*

- 32.17 The total provision of \$19,195,000 consists of \$14,096,900 for alteration and improvement and \$5,098,100 for major maintenance projects at the United Nations Office at Geneva. This reflects a decrease of \$18,087,500, or 48.5 per cent, compared with the revised appropriation for the biennium 2004-2005. The decrease reflects the deletion of a one-time provision of \$25,568,600 relating to the implementation of projects approved in the biennium 2004-2005 to strengthen the security and safety of the United Nations premises at Geneva, approved by the General Assembly in section XI of its resolution 59/276. It is partly offset by a net growth of \$7,481,100, relating to (a) an increase of \$8,017,500 for the second phase of the security projects approved by the General Assembly in section XI of its resolution 59/276; (b) a one-time provision of \$1,063,600 for technological improvements to the printing plant of the Conference Services Division at the United Nations Office at Geneva; and (c) a decrease of \$1,600,000 reflecting a transfer of resources for the United Nations Office at Geneva network infrastructure from this heading to the system-wide upgrade of the United Nations enterprise network (see para. 32.34 below). Based on a review of the most pressing requirements for maintaining the physical condition of the premises and providing a safe working environment for staff and delegations, priority has been given to major maintenance projects, particularly in the plumbing area. It is therefore proposed that resources be transferred from alterations and improvements to major maintenance, resulting in an increase of \$703,800 for major maintenance projects.
- 32.18 The provision for alterations and improvements, amounting to \$14,096,900, may be summarized as follows:
- (a) Improvement of facilities and general infrastructure: \$2,497,900;
  - (b) Improvement of conference facilities and related infrastructure: \$3,581,500;
  - (c) Improvement of security and safety of the premises: \$8,017,500.
- 32.19 A provision of \$5,098,100, reflecting an increase of \$703,800, is proposed for major maintenance of the United Nations Office at Geneva premises. These would cover maintenance activities in the areas of general maintenance of facilities, heating, ventilation, air conditioning, plumbing, structural and architectural maintenance, gardening and other urgent maintenance activities to ensure reliable and efficient operation of the facilities and the safety of delegates, staff and visitors.

## 3. United Nations Office at Vienna

### *Resource requirements (before recosting): \$2,605,100*

- 32.20 The total provision of \$2,605,100, at the maintenance level, includes \$1,828,400 for alterations and improvements and \$776,700 for major maintenance. The resources requested represent the United Nations Office at Vienna's share of the cost of improving and maintaining the Vienna International Centre, which is managed by the United Nations Industrial Development Organization on a cost-shared basis through an agreement between the Centre-based organizations and the host Government. The provisions relate to the following costs: continuation of replacement of carpets on various floors of the Centre complex after the staged implementation of asbestos removal, which is currently in progress; modification of the premises to improve the utilization of space and adapt it to meet the most recent requirements; extension of painting and floor treatment in technical areas, storerooms and corridors; replacement of and alterations to ceilings; and various maintenance projects for the premises.

#### 4. United Nations Office at Nairobi

***Resource requirements (before recosting): \$3,747,900***

- 32.21 The total provision of \$3,747,900 consists of \$2,304,600 for alterations and improvements and \$1,443,300 for major maintenance. The total provision reflects an overall decrease of \$5,614,800, or 60 per cent, as compared with the revised appropriation for the biennium 2004-2005. The decrease relates to the deletion of a one-time provision of \$5,614,800, consisting of \$4,414,700 for the strengthening of the security and safety of the United Nations premises approved for the biennium 2004-2005 by the General Assembly in section XI of its resolution 59/276, and \$1,200,100 appropriated by the General Assembly in section IV of its resolution 58/272 to modernize the United Nations Office at Nairobi conference facilities. Within the total proposed provision of \$3,747,900, the amount of \$156,000 relates to improvements to the security and safety installations that could not be scheduled for implementation until the biennium 2006-2007 or were necessitated by the redesign of previous projects. These relate particularly to the perimeter fence and vehicular access to the Gigiri compound.
- 32.22 The provision for alterations and improvements amounting to \$2,304,600 may be summarized as follows:
- (a) Improvement of facilities and general infrastructure: \$2,148,600;
  - (b) Improvement of security and safety of the premises: \$156,000.
- 32.23 The resources proposed for major maintenance (\$1,443,300), at the maintenance level, would cover maintenance activities in the areas of general maintenance of facilities, heating, ventilation, air conditioning, structural and architectural maintenance, gardening and other urgent maintenance activities to ensure reliable and efficient operation of the facilities and the safety and health of delegates, staff and visitors.

#### 5. Economic and Social Commission for Asia and the Pacific

***Resource requirements (before recosting): \$3,184,200***

- 32.24 The total provision of \$3,184,200 consists of \$1,874,200 for alterations and improvements and \$1,310,000 for major maintenance. It reflects a net decrease of \$811,500, or 20.3 per cent, compared with the revised appropriation for the biennium 2004-2005. The decrease relates to the deletion of a one-time provision of \$811,500 for the strengthening of the security and safety of the United Nations premises approved for the biennium 2004-2005 by the General Assembly in section XI of its resolution 59/276. In the biennium 2006-2007, further improvements to the security and safety installations are proposed. These relate to the regular upgrade of fire safety systems to comply with revised fire code standards. These requirements, in the amount of \$519,500, are considered part of the usual alteration and improvement programme to upgrade technical security-related installations as they become obsolete. Further, an amount of \$565,100 relates to the upgrading of information technology systems, including upgrades to the local area network, the installation of Internet Protocol (IP) telephony and enhancements of the remote access function from the subregional offices to the Intranet.
- 32.25 The provision for alterations and improvements, amounting to \$1,874,200, may be summarized as follows:
- (a) Improvement of facilities and general infrastructure: \$639,600;
  - (b) Replacement of the simultaneous interpretation system in conference rooms: \$150,000;



- (c) Improvement of security and safety of the premises: \$519,500;
  - (d) Improvements to the information and communication technology infrastructure, including LAN, IP telephony and Intranet items: \$565,100.
- 32.26 A provision of \$1,310,000, reflecting a decrease of \$10,700, would cover major maintenance activities in the areas of general maintenance of facilities, heating, ventilation, air conditioning, structural and architectural maintenance, gardening and other urgent maintenance activities to ensure reliable and efficient operation of the facilities and the safety of delegates, staff and visitors.

## 6. Economic and Social Commission for Latin America and the Caribbean

### *Resource requirements (before recosting): \$2,151,000*

- 32.27 The total provision of \$2,151,000 consists of \$1,635,600 for alterations and improvements and \$515,400 for major maintenance. This reflects a decrease of \$852,500, or 28.4 per cent, compared with the revised appropriation for the biennium 2004-2005. The decrease relates to the deletion of a one-time provision of \$852,500 for the strengthening of the security and safety of the United Nations premises in the biennium 2004-2005 approved by the General Assembly in section XI of its resolution 59/276. Further improvements to the security and safety installations, estimated at \$172,500, are proposed in the biennium 2006-2007 to implement elements relating to access control that cannot be postponed, and for the regular upgrading of existing installations. These cover improvements to the perimeter fence and lighting, public address systems and securing sensitive areas.
- 32.28 Based on a review of the most pressing requirements for maintaining the physical condition of the premises and providing a safe working environment for the staff and delegations, priority has been given to major maintenance projects. It is therefore proposed that resources be transferred from alterations and improvements to major maintenance, resulting in an increase of \$182,000 for major maintenance projects.
- 32.29 The provision for alterations and improvements of \$1,635,600 may be summarized as follows:
- (a) Improvement of facilities and general infrastructure: \$1,303,100;
  - (b) Replacement of the simultaneous interpretation system in conference rooms: \$85,000;
  - (c) Improvement of security and safety of the premises: \$172,500;
  - (d) Improvement of information and communication technology infrastructure, including installation of fibre optic cable and upgrading of satellite communication equipment: \$75,000.
- 32.30 A provision of \$515,400, reflecting an increase of \$182,000, is proposed for major maintenance. These would cover maintenance activities in the areas of general maintenance of facilities, heating, ventilation, air conditioning, structural and architectural maintenance, gardening and other urgent maintenance activities to ensure reliable and efficient operation of the facilities and the safety of delegates, staff and visitors.

## 7. Economic Commission for Africa

### *Resource requirements (before recosting): \$3,192,200*

- 32.31 The total provision of \$3,192,200 would consist of \$2,097,200 for alteration and improvement and \$1,095,000 for major maintenance. This reflects a decrease of \$2,241,000, or 41.2 per cent, compared with the revised appropriation for the biennium 2004-2005. The decrease relates to the deletion of a one-time provision of \$2,241,000 for the strengthening of the security and safety of the United Nations premises for the biennium 2004-2005 approved by the General Assembly in section XI of its resolution 59/276. Based on a review of the most pressing requirements for maintaining the physical condition of the premises and providing a safe working environment for the staff and delegations, priority has been given to major maintenance projects. To meet the increased maintenance requirements, particularly in the electrical area, it is proposed that resources be transferred from alterations and improvements to major maintenance, resulting in an increase of \$545,000 for major maintenance projects.
- 32.32 The provision for alterations and improvements amounting to \$2,097,200 may be summarized as follows:
- (a) Improvement of facilities and general infrastructure: \$1,200,000;
  - (b) Improvement of conference facilities and infrastructure: \$607,200;
  - (c) Improvement of security and safety of the premises, including the regular upgrade of fire safety installations: \$95,000;
  - (d) Improvement of information and communication technology infrastructures, including expansion of the private automatic branch exchange (PABX): \$195,000.
- 32.33 A provision of \$1,095,000, reflecting an increase of \$545,000, would cover major maintenance activities in the areas of general maintenance of facilities, heating, ventilation, air conditioning, gardening and structural and architectural maintenance and other urgent maintenance activities to ensure reliable and efficient operation of the facilities and the safety of delegates, staff and visitors.

## C. United Nations enterprise network

- 32.34 The network infrastructure of the United Nations regional headquarters and regional commissions, which in part enables a direct link between all locations and United Nations Headquarters, will require a major upgrade in the biennium 2006-2007 to support desktop videoconferencing, IP telephony, business continuity requirements and real-time connectivity to United Nations enterprise applications such as the Integrated Management Information System, Galaxy and future systems related to the sharing of security-related information. For such applications to be fully operational, it is essential to increase the United Nations enterprise network capacity and standardize the network system across all duty stations so that they can interconnect seamlessly and exchange an ever-increasing volume of data and voice information. Such infrastructure upgrading at United Nations Headquarters is currently in progress from within the budgetary provisions approved for the biennium 2004-2005. The resources proposed to standardize and upgrade the United Nations enterprise network infrastructure in other main locations, in the amount of \$7,724,900, would cover the acquisition and installation of network switches and related equipment and cabling. The proposed levels of investment for the overseas duty stations are uneven, reflecting the various degrees of modernization and capacity of the local infrastructures. It is foreseen that the procurement of related equipment and services for the project would be centrally coordinated by the Office of Central Support Services at Headquarters through a systems

contract. The resources required, as estimated by each duty station based on the size of its operation and prior investment in information technology, are:

- |     |  |              |
|-----|--|--------------|
| (a) | United Nations Office at Geneva:                     | \$1,600,000; |
| (b) | United Nations Office at Vienna:                     | \$1,211,000; |
| (c) | United Nations Office at Nairobi:                    | \$700,000;   |
| (d) | ECA:   | \$1,340,900; |
| (e) | ESCAP:   | \$1,710,000; |
| (f) | ECLAC:   | \$377,000;   |
| (g) | The Economic and Social Commission for Western Asia: | \$786,000.   |

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